

Combined Sewer Overflow (CSO) Long-Term Control Plan Consent Decree

Case 1:10-CV-02895-DCN

Semi-Annual Progress Report No. 9

July 27, 2016



January 27, 2016

Chief, Environmental Enforcement Section Environmental and Natural Resources Division U.S. Department of Justice Box 7611 Ben Franklin Station Washington, D.C. 20044-7611

Chief, Water Enforcement and Compliance Assurance Branch U.S. Environmental Protection Agency Region 5 77 West Jackson, Blvd. Mail Code C-15WC Chicago, IL 60604-3590 Nicole Cantello
Associate Regional Counsel
U.S. Environmental Protection Agency
Region 5
77 West Jackson Blvd., Mail Code C14J
Chicago, IL 60604—3590

Chief, Environmental Enforcement Section Office of the Ohio Attorney General 30 East Broad Street, 25th Floor Columbus, Ohio 43215-3400

Chief, Division of Surface Water Ohio Environmental Protection Agency 50 West Town Street, Suite 700 Columbus, Ohio 43215

Re: Consent Decree Case 1:10-CV-02895-DCN Semi-Annual Progress Report No. 9

To Whom It May Concern:

The NEORSD is pleased to submit the enclosed Semi-Annual Progress Report (Progress Report) pursuant to Section IX of the above referenced Consent Decree. This Progress Report covers the period from January 1, 2016 through June 30, 2016.

Sincerely,

Julius Ciaccia

Chief Executive Officer

Cc: E. Luckage K. Rotunno

D. Marshall/Project Clean Lake File

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APPENDIX:

Current CSO and Bypass Reports Submitted to OEPA (IX. Paragraph 46.d.).

1. Current Reporting Period Consent Decree Requirements (IX. Paragraph 46.a.)

"A statement setting forth the deadlines and other terms that NEORSD is required by this Consent Decree to meet since the date of the last Semi-Annual Progress report, whether and to what extent NEORSD has met these requirements, and the reasons for any noncompliance".

Table 1: Current Reporting Period CD Requirements

Reference	Description	Milestone(s) in CD	Galendar Milestone(s)	Compliance Status
Consent Decree Paragraph 26/ Appendix 5	Federal Supplemental Environmental Project — Collection and Disposal of Household Hazardous Waste at Special Waste Convenience Center or Alternative Location	Conduct and fund at least one collection day per month for four years or until NEORSD spends at least \$1,000,000 in creditable operating expenses, whichever is longer	Monthly starting no later than April 30, 2011	In compliance: On March 24, 2011, the NEORSD and Cuyahoga County Solid Waste District (CCSWD) entered into an intergovernmental agreement for the collection and disposal of Household Hazardous Waste. First collection was held on April 28, 2011. 12 collections occurred during the reporting period (2 per month) at a NEORSD expenditure of \$59,549.27. To date, 122 collections have occurred at a NEORSD expenditure of \$700,180.20

Table 1: Current Reporting Period CD Requirements

Reference	Description	Milestone(s) in CD	Galendar Milestone(s)	Gompliance Status
Consent Decree Paragraph 36/ Appendix 6	State Supplemental Environmental Project — Canal Pump Station Operation and Maintenance	Commence operation and maintenance of pump station following completion of Canal Pump Station construction Or Payment of \$800,000 to USEPA within sixty (60) days after NEORSD receives notice from OEPA that the Canal Diversion Dam Removal will not be implemented, or by January 31, 2012 whichever occurs later	TBD	In compliance: Operation and maintenance activities cannot begin until design and construction of the pump station are completed by others which are dependent upon the outcome of an assessment of the environmental impacts for the Canal Diversion Dam Removal in the Cuyahoga Valley National Park. The Environmental Assessment, necessary to comply with the National Environmental Policy Act (NEPA), is complete. The EA will be available for public comment August 29 – September 30, 2016. A project stakeholder meeting, including NEORSD, will be held late fall/early winter. Design-build of the project is scheduled to commence in 2017.

Table 1: Current Reporting Period CD Requirements

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Compliance Status
Consent Decree Appendix 2 Section 2.6.2	Progress Reports to the Public	Public outreach activities will continue with periodic updates using various media	N/A	In compliance: 4 blog posts regarding Project Clean Lake-related projects or initiatives between January and June 2016 http://neorsd.org/blog . Hosted "Sewer University (SewerU)" presentation May 10, offering attendees an overview of the history of NE Ohio sewers, water quality, and future challenges and opportunities. CSO control and Project Clean Lake was important content. 8 public meetings discussing Project Clean Lake construction updates. Project Clean Lake projects were featured in at least six local media stories since January. Project Clean Lake was featured in a series of public outreach Roadshows in May and June. Project Clean Lake was a part of the rates discussion and was represented with various materials and spokespersons throughout. http://neorsd.org/next5
Appendix 1 Control Measure 3	Treatment and Disinfection of CSO 002 using CEHRT in all 6 Quadrants (quads)	Pilot Testing Report within 54 months of Work Plan Approval	March 20, 2016	In compliance: Pilot Testing Report submitted March 17, 2016.

Table 1: Current Reporting Period CD Requirements

Reference	Description	Milestone(s) in GD	Calendar Milestone(s)	Compliance Status
Appendix 1 Control Measure 5	Increase Secondary Treatment Capacity and Treat Primary Effluent Bypass with CEHRT	Commencement of design of plant improvements and PEB CEHRT system within 6 months of approval of pilot report.	June 22, 2016	In compliance: Conditional Approval received December 22, 2016. Commenced design of the Southerly Optimized Parallel Treatment project February 18, 2016.

2. Current Work and Next Reporting Period Projected Work (IX. Paragraph 46.b.)

"A general description of the work completed within the Six-month Period, and a projection of work to be performed pursuant to this Consent Decree during the next or succeeding Six-month Period. Notifications to the U.S. EPA and Ohio EPA of any anticipated delay shall not, by itself, excuse the delay".

Table 2a: Description of this Reporting Period's Current Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Current Period Work Summary
Appendix 3	Implementation of GI Plan	Implementation of GI Plan within eight (8) years of Entry of Decree	July 7, 2019	Continued site-specific post-construction monitoring on the Green Ambassador Slavic Village Demonstration project. Monitoring period is anticipated to be completed July 2017. The estimated post-gray CSO reduction for this project is 0.1 MG. Continued construction of the Fleet Avenue GI Project. Substantial Construction completion is scheduled for July 2016 with planting to occur by October 31, 2016. The estimated post-gray CSO reduction for this project is 0.5 MG. Continued construction of the Green Ambassador Fairhill/MLK project. The estimated post-gray CSO reduction for this project is 2.4 MG. Continued construction of the Green Ambassador Urban Agriculture project. The estimated post-gray CSO reduction for this project is 1.6 MG. Advertised and opened bids for the E. 140 th Street Consolidation Sewer on March 30 th and June 7 th , respectively. The estimated post-gray CSO reduction for this project is 5.8 MG. Continued design of the Union/Buckeye GI Project. Continued the design of the Woodland Central GI project.
Appendix 3	GI Anticipated Co-Benefits Report	Submit within three years following EPA approval of the GI Plan	March 30, 2015	Revised report submitted on October 7, 2015. Acceptance letter received February 19, 2016.

Table 2a: Description of this Reporting Period's Current Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Current Period Work Summary
Appendix 1 Control Measure 1	Easterly WWTP - Increase Secondary Treatment Capacity	Bid Year: 2014 Achievement of Full Operation: 2016	December 31, 2014 December 31, 2016	Continued construction.
Appendix 1 Control Measure 2	Treatment and Disinfection of CSO 001 Using CEHRT	Pilot Testing Report within 42 months of Work Plan Approval	March 20, 2015	Continued design of final facilities. Received Pilot Testing Report Disapproval and comments December 22, 2015. Revised Pilot Testing Report and responses to comments with a request to meet with EPA to discuss space constraints and simultaneous disinfection submitted February 17, 2016.
Appendix 1 Control Measure 3	Treatment and Disinfection of CSO 002 using CEHRT in all 6 Quadrants (quads)	Pilot Testing Report within 54 months of Work Plan Approval	March 20, 2016	Pilot Testing Report and direct responses to conditions submitted March 17, 2016.
Appendix 1 Control Measure 4	Southerly WWTP - Treatment of Primary Effluent Bypass Demonstration/Pilot Project	Pilot Testing Report within 42 months of Work Plan Approval	March 20, 2015	Received Conditional Approval of Pilot Testing Report December 22, 2015. Revised Pilot Testing Report submitted February 17, 2016.
Appendix 1 Control Measure 5	Increase Secondary Treatment Capacity and Treat Primary Effluent Bypass with CEHRT	Commencement of design of plant improvements and PEB CEHRT system within 6 months of approval of pilot report.	June 22, 2016	Design Notice to Proceed of the Southerly Optimized Parallel Treatment project issued February 18, 2016.

Table 2a: Description of this Reporting Period's Current Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Current Period Work Summary
Appendix 1 Control Measure 6	Euclid Creek Tunnel/Dugway Storage System	Bid Year 2010 Achievement of Full Operation 2020	December 31, 2010 December 31, 2020	Euclid Creek Tunnel: Substantial completion July 31, 2015. Easterly Tunnel Dewatering Pump Station (ETDPS): Commenced construction in January 2012. Dugway West Interceptor Relief Sewer: Commenced construction in December 2013. Euclid Creek Pump Station/Lakeshore Boulevard Relief Sewer (ECPS/LBRS): Substantial completion January 14, 2016. Dugway Storage Tunnel (DST): Commenced Construction in February 2015. East 140 th Street Consolidation and Relief Sewer: Construction bids received June 2016. Dugway South Relief and Consolidation Sewer: Commenced construction in May 2016.
Appendix 1 Control Measure 8	Doan Valley Tunnel System	Bid Year 2017 Achievement of Full Operation 2021	December 31, 2017 December 31, 2021	Doan Valley Tunnel: 60% design drawings submitted in June 2016.

Table 2a: Description of this Reporting Period's Current Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Current Period Work Summary
Appendix 1 Control Measure 9	Superior Avenue Pump Station Upgrade	Bid Year 2016 Achievement of Full Operation 2018	December 31, 2016 December 31, 2018	Construction bids received for CM 9, 10, and 11 June 2016. An Appendix 1 modification request for CM 9, 10, and 11 was submitted in April 2015. Responses to EPA's comments submitted on July 16, November 2 and November 18, 2015. Additional responses to subsequent EPA comments submitted on February 5 and June 16, 2016.
Appendix 1 Control Measure 10	Stones Levee Pump Station Upgrade	Bid Year 2016 Achievement of Full Operation 2017	December 31, 2016 December 31, 2017	Construction bids received for CM 9, 10, and 11 June 2016. An Appendix 1 modification request for CM 9, 10, and 11 was submitted in April 2015. Responses to EPA's comments submitted on July 16, November 2 and November 18, 2015. Additional responses to subsequent EPA comments submitted on February 5 and June 16, 2016.
Appendix 1 Control Measure 11	Canal Road In-Line Storage	Bid Year 2017 Achievement of Full Operation 2018	December 31, 2017 December 31, 2018	Construction bids received for CM 9, 10, and 11 June 2016. An Appendix 1 modification request for CM 9, 10, and 11 was submitted in April 2015. Responses to EPA's comments submitted on July 16, November 2 and November 18, 2015. Additional responses to subsequent EPA comments submitted on February 5 and June 16, 2016.

Table 2a: Description of this Reporting Period's Current Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Current Period Work Summary
Appendix 1 Control Measure 14	Westerly Tunnel System	Bid Year 2020 Achievement of Full Operation 2024	December 31, 2020 December 31, 2024	Westerly Tunnel & Pump Station: Received Basis of Design Report June 2016. Westerly Low Level Relief Sewer: 60% design drawings submitted May 2016.
Appendix 1 Control Measure 15	Columbus Road Storage Tank	Bid Year 2018 Achievement of Full Operation 2019	December 31, 2018 December 31, 2019	Westerly Low Level Relief Sewer: 60% design drawings submitted May 2016.
Appendix 1 Control Measure 16	Center Street Storage Tank	Bid Year 2023 Achievement of Full Operation 2024	December 31, 2023 December 31, 2024	Westerly Low Level Relief Sewer: 60% design drawings submitted May 2016.
Appendix 1 Control Measure 18	Mary Street Pump Station Upgrade	Bid Year 2015 Achievement of Full Operation 2017	December 31, 2015 December 31, 2017	Continued construction. An Appendix 1 modification request to the description and design criteria was submitted in April 2015. Responses to EPA's comments submitted on July 16, November 2 and November 18, 2015. Additional responses to subsequent EPA comments submitted on February 5 and June 16, 2016.
Appendix 1 Control Measure 21	Southerly Tunnel System	Bid year 2024 Achievement of Full Operation 2030	December 31, 2024 December 31, 2030	Design Notice to Proceed for Morgana Run Relief Sewer issued February 22, 2016.

Table 2a: Description of this Reporting Period's Current Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Current Period Work Summary
Appendix 1	CSO 063 Relief/Consolidation	Bid Year 2013	December 31, 2013	Completed performance compliance modeling
Control	Sewer			evaluation and commenced development of Control
Measure 24		Achievement of Full	December 31, 2014	Measure Report.
		Operation 2014		,
				An Appendix 1 modification request to the
				description and design criteria was submitted in
				April 2015. Responses to EPA's comments
				submitted on July 16, November 2 and November
				18, 2015. Additional responses to subsequent EPA
				comments submitted on February 5 and June 16,
				2016.
				2010.

Table 2b: Description of Next Reporting Period's Projected Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Next Period Projected Work
Appendix 3	GI Post-Construction Monitoring (PCM) Program	Submit sewershed- specific and Phase 1 site specific GI PCM proposals within two years following entry of the Consent Decree, and Submit Phase 2 site- specific GI PCM proposal by December 31, 2014	July 7, 2013 December 31, 2014	Submitted sewershed-specific and Phase 1 and Phase 2 site-specific GI PCM proposals to US and Ohio EPA on July 1, 2013. Revised GI PCMP submitted July 31, 2015. Awaiting EPA approval.

Table 2b: Description of Next Reporting Period's Projected Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Next Period Projected Work
Appendix 3	Implementation of GI Plan	Implementation of GI Plan within eight (8) years of Entry of Decree	July 7, 2019	Continue site-specific post-construction monitoring of the Green Ambassador Slavic Village Demonstration Project. The monitoring period is anticipated to be completed July 2017. Continue construction of the Fleet Avenue GI Project. Construction completion is scheduled for July 2016. Achievement of Full Operation anticipated in October 2016. Continue construction of the Urban Agriculture GI Project. Construction completion is scheduled for December 2016. Achievement of Full Operation anticipated in 2017. Continue construction of the Fairhill-MLK GI Project. Construction completion scheduled for December 2016. Achievement of Full Operation anticipated in 2017. Commence construction of the E. 140 th GI Project. Continue design of the Union/Buckeye GI Project.
Appendix 1 Control Measure 1	Increase Secondary Treatment Capacity	Bid Year: 2014 Achievement of Full Operation: 2016	December 31, 2014 December 31, 2016	Achieve Full Operation by December 31, 2016.

Table 2b: Description of Next Reporting Period's Projected Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Next Period Projected Work
Appendix 1 Control Measure 2	Treatment and Disinfection of CSO 001 Using CEHRT	Pilot Testing Report within 42 months of Work Plan Approval	March 20, 2015	Continue design of final facilities. Awaiting response from EPA on revised Pilot Testing Report.
Appendix 1 Control Measure 3	Treatment and Disinfection of CSO 002 using CEHRT in all 6 Quadrants (quads)	Pilot Testing Report within 54 months of Work Plan Approval	March 20, 2016	Awaiting response from EPA on Westerly Pilot Testing Report.
Appendix 1 Control Measure 4	Treatment of Primary Effluent Bypass Demonstration/Pilot Project	Pilot Testing Report within 42 months of Work Plan Approval	March 20, 2015	Awaiting response from EPA on revised Pilot Testing Report.
Appendix 1 Control Measure 5	Increase Secondary Treatment Capacity and Treat Primary Effluent Bypass with CEHRT	Commencement of design of plant improvements and PEB CEHRT system within 6 months of approval of pilot report.	June 22, 2016	Continue design.

Table 2b: Description of Next Reporting Period's Projected Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Next Period Projected Work
Appendix 1 Control Measure 6	Euclid Creek Tunnel/Dugway Storage System	Achievement of Full Operation 2020	December 31, 2020	Euclid Creek Tunnel (ECT): Commence operation upon completion of Easterly Tunnel Dewatering Pump Station (TDPS). Easterly TDPS: Construction is scheduled to be complete in 2016. Dugway West Interceptor Relief Sewer: Continue construction. Euclid Creek Pump Station/Lakeshore Boulevard Relief Sewer (ECPS/LBRS): Construction complete CSO benefits upon completion of ECT and Easterly TDPS. Dugway Storage Tunnel (DST): Continue construction. East 140 th Consolidation and Relief Sewer: Commence construction. Dugway South Relief and Consolidation Sewer: Continue construction. London Road Relief Sewer: Commence design. Dugway Regulators/Relief: Commence design.
		Page 17	7 of 22	

Table 2b: Description of Next Reporting Period's Projected Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Next Period Projected Work
Appendix 1 Control	Doan Valley Tunnel System	Bid Year 2017	December 31, 2017	Doan Valley Tunnel: Continue design.
Measure 8		Achievement of Full Operation 2021	December 31, 2021	Doan Valley Relief and Consolidation Sewer: Commence design.
Appendix 1 Control	Superior Avenue Pump Station Upgrade	Bid Year 2016	December 31, 2016	Commence construction.
Measure 9		Achievement of Full Operation 2018	December 31, 2018	
Appendix 1 Control	Stones Levee Pump Station Upgrade	Bid Year 2016	December 31, 2016	Commence construction.
Measure 10		Achievement of Full Operation 2017	December 31, 2017	
Appendix 1 Control	Canal Road In-Line Storage	Bid Year 2017	December 31, 2017	Commence construction.
Measure 11		Achievement of Full Operation 2018	December 31, 2018	
Appendix 1 Control	Westerly Tunnel System	Bid Year 2020	December 31, 2020	Westerly Tunnel & Pump Station: Continue design.
Measure 14		Achievement of Full Operation 2024	December 31, 2024	Westerly Low Level Relief Sewer: Continue design.
Appendix 1 Control	Columbus Road Storage Tank	Bid Year 2018	December 31, 2018	Westerly Low Level Relief Sewer: Continue design.
Measure 15		Achievement of Full Operation 2019	December 31, 2019	

Table 2b: Description of Next Reporting Period's Projected Work

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Next Period Projected Work
Appendix 1 Control Measure 16	Center Street Storage Tank	Bid Year 2023 Achievement of Full Operation 2024	December 31, 2023 December 31, 2024	Westerly Low Level Relief Sewer: Continue design.
Appendix 1 Control Measure 18	Mary Street Pump Station Upgrade	Bid Year 2015 Achievement of Full Operation 2017	December 31, 2015 December 31, 2017	Continue construction.
Appendix 1 Control Measure 21	Southerly Tunnel System	Bid Year 2024 Achievement of Full Operation 2030	December 31, 2024 December 31, 2030	Morgana Run Relief Sewer: Continue design.
Appendix 1 Control Measure 24	CSO 063 Relief/Consolidation Sewer	Bid Year 2013 Achievement of Full Operation 2014	December 31, 2013 December 31, 2014	Submit Control Measure Report.

3. Current Reporting Period Consent Decree Submissions (IX. Paragraph 46.c.)

"A summary of the submissions under this Decree that were sent to U.S. EPA and/or Ohio EPA, including the dates submitted".

Table 3: Current Reporting Period Consent Decree Submissions

Reference	Deliverable Description	Milestone in CD	Calendar Milestone	Actual Submittal Date
Consent Decree IX Reporting Requirements Paragraph 46	Semi-Annual Report No. 8	On a semi-annual basis on January 31 and July 31, each 6- month period commencing with the first full 6 month period after entry of the Consent Decree	January 31, 2016	January 27, 2016
Appendix 1 Control Measure 2	Treatment and Disinfection of CSO 001 Using CEHRT	Resubmittal of Pilot Testing Report within 60 days of Receipt of Disapproval.	February 20, 2016	Revised Pilot Testing Report submitted February 17, 2016.
Appendix 1 Control Measure 3	Treatment and Disinfection of CSO 002 using CEHRT in all 6 Quadrants (quads)	Pilot Testing Report within 54 months of Work Plan Approval	March 20, 2016	March 17, 2016.
Appendix 1 Control Measure 4	Southerly WWTP - Treatment of Primary Effluent Bypass Demonstration/Pilot Project	Resubmittal of Pilot Testing Report within 60 days of Receipt of Conditional Approval	February 20, 2016	Revised Pilot Testing Report submitted February 17, 2016.

4. Certification Statement (IX. Paragraph 48)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the 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 a fine and imprisonment for knowing violations.

Julius Ciaccia, Chief Executive Officer

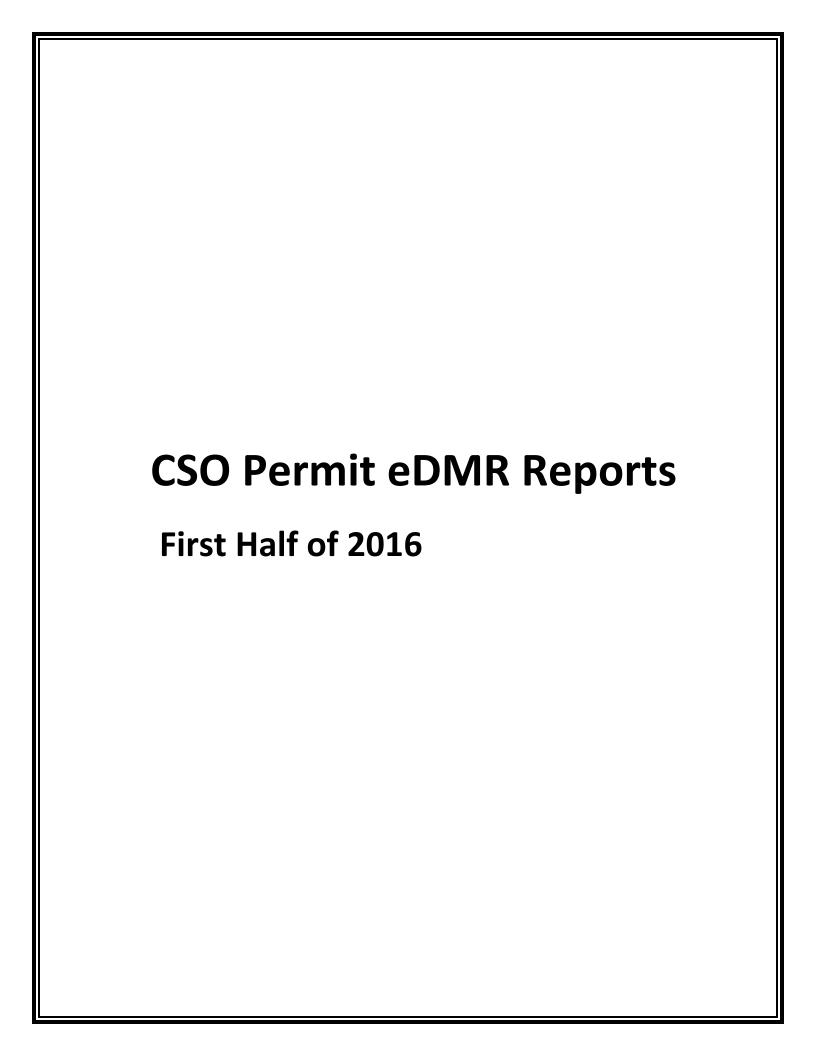
Date

Appendix:

Current CSO and Bypass Reports Submitted to OEPA

(IX. Paragraph 46.d.)

"NEORSD shall also submit, with each Semi-Annual Status report, copies (to EPA only) of all monthly monitoring reports, noncompliance reports, and other reports pertaining to CSO discharges and bypasses that NEORSD submitted to or is required to submit to Ohio EPA in the preceding six months."



SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 025 **2016-01-01** To: **2016-01-31**

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY:

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
2016-01-01	Total	24hr Total						
2016-01-02								
2016-01-03								
2016-01-04								
2016-01-05								
2016-01-06								
2016-01-07								
2016-01-08								
2016-01-09								
2016-01-10								
2016-01-11		+						
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Maximum Average								
Count		†						
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or Authorized Representativ	with the information	submitted herein and ba	sed on my inquiry of th	ose		Represe		Date/Time
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SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 035 **2016-01-01** To: **2016-01-31**

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY SAMPLING TYPE	When Disch.	When Disch.						
2016-01-01	Total	24hr Total						
2016-01-02		1						
2016-01-03				 				
2016-01-04				 				
2016-01-05								
2016-01-06								
2016-01-07								
2016-01-08								
2016-01-09		1						
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2016-01-29								
2016-01-30								
2016-01-31								
Minimum								
Maximum Average								
Count								
Name of Responsible Officia or Authorized Representativ	with the information	i submitted herein and ba	ised on my inquiry of th	iose	Siş	gnature of Responsible Represe	Official or Authorized ntative	nission /Time
Thomas Madej	submitted information	ately responsible for obtaining is true, accurate and confor submitting false information.	omplete. I am aware tha	at there are				6-02- 6:02
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SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 038 **2016-01-01** To: **2016-01-31**

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: DISTRICT: NEDO ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
2016-01-01	Total	24hr Total						
2016-01-02								
2016-01-03								
2016-01-04								
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2016-01-31								
Minimum		Ţ <u></u>						
Maximum Average								
Count		†						
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or Authorized Representativ	with the information	submitted herein and ba	sed on my inquiry of th	ose		Represe		Date/Time
individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.							2016-02- 17 16:02	
							Page 33	<u> </u>

SUBMISSION ID: 558282 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 040 2016-01-01 To: 2016-01-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: DISTRICT: NEDO ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate Total	e, Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE 2016-01-01	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
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2016-01-02 2016-01-03		 		-	+		
2016-01-04							
2016-01-05							
2016-01-06							
2016-01-07						_	
2016-01-08						1	0.35025
2016-01-09		ļ					
2016-01-10						1	1.1275
2016-01-11							
2016-01-12							
2016-01-13							
2016-01-14							
2016-01-15						1	0.6465
2016-01-16							0.0185
2016-01-17							
2016-01-18							
2016-01-19							
2016-01-20							
2016-01-21							
2016-01-22							
2016-01-23							
2016-01-24							
2016-01-25							
2016-01-26							
2016-01-27							
2016-01-28							
2016-01-29							
2016-01-30							
2016-01-31							
Minimum						1.0	0.0185
Maximum						1.0	1.1275
Average						1	0.53569
Count Name of Responsible Official	lly as in	1. 61	.,		Signature of Responsible	Official or Authorize	d Submission
Name of Responsible Official or Authorized Representative	with the information individuals immedia	enalty of law that I have p submitted herein and ba tely responsible for obtain	sed on my inquiry of th ining the information, I	believe the	Signature of Responsible Represei		Date/Time
Thomas Madej	submitted information significant penalties fine and imprisonme	on is true, accurate and co for submitting false infor nt.	omplete. I am aware that rmation, including the p	oossibility of			2016-02- 17 16:02

SUBMISSION ID: STATUS: 558282 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 040 2016-01-01 To: 2016-01-31 NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	CROD 5 day	<u> </u>			1	<u> </u>	
PARAMETER CODE	CBOD 5 day 80082	 				+	
UNITS	mg/l						
FREQUENCY	When Disch.						
SAMPLING TYPE	Grab						
2016-01-01							
2016-01-02							
2016-01-03							
2016-01-04							
2016-01-05							
2016-01-06							
2016-01-07							
2016-01-08							
2016-01-09							
2016-01-10							
2016-01-11							
2016-01-12							
2016-01-13						1	
2016-01-14						1	
2016-01-15							
2016-01-16						1	
2016-01-17							
2016-01-18						1 1	
2016-01-19						1 1	
2016-01-20						1	
2016-01-21							
2016-01-22							
2016-01-23							
2016-01-24						1 1	
2016-01-25							
2016-01-26						1 1	
2016-01-27						1	
2016-01-28							
2016-01-29						1	
2016-01-30							
2016-01-31							
Minimum							
Maximum							
Average		 					
Count	1				Signature of Degnare	ible Official or Authorized	Submission
Name of Responsible Officia or Authorized Representativ	r certary ander the pe	enalty of law that I have p submitted herein and ba	personally examined and sed on my inquiry of the	d am familiar		ible Official or Authorized esentative	I Submission Date/Time
Thomas Madej	individuals immedia submitted information	tely responsible for obtain on is true, accurate and confor submitting false info	ining the information, I omplete. I am aware tha	believe the t there are			2016-02- 17 16:02
						Page 55	

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 044 **2016-01-01** To: **2016-01-31** COUNTY:

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total						
2016-01-01	Total	24111 10001						
2016-01-02								
2016-01-03		1						
2016-01-04		1						
2016-01-05		1						
2016-01-06								
2016-01-07								
2016-01-08								
2016-01-09								
2016-01-10								
2016-01-11								
2016-01-12								
2016-01-13								
2016-01-14								
2016-01-15								
2016-01-16								
2016-01-17								
2016-01-18								
2016-01-19								
2016-01-20								
2016-01-21								
2016-01-22								
2016-01-23								
2016-01-24								
2016-01-25								
2016-01-26								
2016-01-27								
2016-01-28								
2016-01-29								
2016-01-30								
2016-01-31								
Minimum								
Maximum Average		 						
Count		<u> </u>						
Name of Responsible Officia or Authorized Representativ	e with the information	enalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	Sig	gnature of Responsible Represe	Official or Authorized ntative	nission /Time
Thomas Madej	individuals immediately responsible for obtaining the information, I believe the							6-02- 6:02
	•						Page 66	

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 045 **2016-01-01** To: **2016-01-31**

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY:

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-01-01								
2016-01-02								
2016-01-03								
2016-01-04								
2016-01-05								
2016-01-06								
2016-01-07								
2016-01-08								
2016-01-09								
2016-01-10								
2016-01-11								
2016-01-12								
2016-01-13								
2016-01-14								
2016-01-15								
2016-01-16								
2016-01-17								
2016-01-18								
2016-01-19								
2016-01-20								
2016-01-21								
2016-01-22								
2016-01-23								
2016-01-24								
2016-01-25								
2016-01-26								
2016-01-27								
2016-01-28								
2016-01-29								
2016-01-30								
2016-01-31								
Minimum								
Maximum								
Average		 						
Count Name of Responsible Officia	1 1	1. 61			G:	ingture of Personsible	Official or Authorized	1 Submission
or Authorized Representativ	e with the information individuals immedia submitted information	enalty of law that I have particular and base tely responsible for obtain on is true, accurate and co	sed on my inquiry of th ining the information, I omplete. I am aware tha	ose believe the t there are	SIE	Represe		Date/Time 2016-02-
Thomas Madej Submitted information is true, accurate and complete: I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.							Page 77	17 16:02

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 056 **2016-01-01** To: **2016-01-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY SAMPLING TYPE	When Disch.	When Disch.						
2016-01-01	Total	24hr Total						
2016-01-02		†						
2016-01-03								
2016-01-04								
2016-01-05								
2016-01-06								
2016-01-07								
2016-01-08								
2016-01-09								
2016-01-10	1	0.6181						
2016-01-11								
2016-01-12								
2016-01-13								
2016-01-14								
2016-01-15	1	0.056						
2016-01-16		1						
2016-01-17								
2016-01-18								
2016-01-19								
2016-01-20								
2016-01-21								
2016-01-22								
2016-01-23								
2016-01-24								
2016-01-25								
2016-01-26								
2016-01-27								
2016-01-28								
2016-01-29								
2016-01-30								
2016-01-31								
Minimum	1.0	0.056						
Maximum Average	1.0	0.6181 0.33705						
Count	2	2						
Name of Responsible Officia	I certify under the p	enalty of law that I have	personally examined ar	nd am familiar	Sig	gnature of Responsible	Official or Authorized	
Name of Responsible Official or Authorized Representative or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.						2016-02- 17 16:02		
							Page 88	

SUBMISSION ID: STATUS: 558282 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 058 2016-01-01 To: 2016-01-31 NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: DISTRICT: NEDO NEORSD

ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063		 				
UNITS	No./Month	Million Gallons						
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total						
2016-01-01	Total	24111 10001						
2016-01-02								
2016-01-03								
2016-01-04								
2016-01-05								
2016-01-06								
2016-01-07								
2016-01-08								
2016-01-09								
2016-01-10	1	0.0525						
2016-01-11								
2016-01-12								
2016-01-13								
2016-01-14								
2016-01-15								
2016-01-16								
2016-01-17								
2016-01-18								
2016-01-19								
2016-01-20								
2016-01-21								
2016-01-22								
2016-01-23								
2016-01-24								
2016-01-25								
2016-01-26								
2016-01-27								
2016-01-28								
2016-01-29								
2016-01-30								
2016-01-31								
Minimum	1.0	0.0525						
Maximum Average	1.0	0.0525 0.0525		 			<u> </u>	
Count	1	1		 				
Name of Responsible Officia	I certify under the pe	enalty of law that I have p	personally examined an	d am familiar	Sig		Official or Authorized	mission
	or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information and complete and complete the submitted information.						16-02-	
Thomas Madej	significant penalties fine and imprisonme	for submitting false info	rmation, including the p	oossibility of				7 16:02
							Page 99	

SUBMISSION ID: STATUS: Original 558282

3PA00002*HD 059 2016-01-01 To: 2016-01-31 FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Occurrence	Overflow Volume		1					
PARAMETER CODE	74062	74063		 					
UNITS	No./Month	Million Gallons							
FREQUENCY	When Disch.	When Disch.							
2016-01-01	Total	24hr Total							
2016-01-02									
2016-01-03									
2016-01-04									
2016-01-05									
2016-01-06									
2016-01-07									
2016-01-08				-					
2016-01-09									
		 		 					
2016-01-10				-					
2016-01-11		-		-					
2016-01-13				-					
2016-01-14				-					
		-		-					
2016-01-15 2016-01-16				-					
		 							
2016-01-17									
2016-01-18									
2016-01-19									
2016-01-20									
2016-01-21									
2016-01-22									
2016-01-23									
2016-01-24									
2016-01-25									
2016-01-26									
2016-01-27				 					
2016-01-28				 					
2016-01-29				 					
2016-01-30				 					
2016-01-31		ļ							
Minimum Maximum				 					
Average									
Count	. 1						0.000		
Name of Responsible Officia or Authorized Representativ		nalty of law that I have p	personally examined an	d am familiar	Siş	gnature of Responsible Represe			mission e/Time
or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.							201	16-02- 16:02	

SUBMISSION ID: STATUS: Original 558282

3PA00002*HD 069 2016-01-01 To: 2016-01-31 FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

D. D. D	Overflow					1			
PARAMETER	Occurrence	Overflow Volume							
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons	<u> </u>					<u> </u>	
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-01-01								<u> </u>	
2016-01-02									
2016-01-03									
2016-01-04									
2016-01-05									
2016-01-06									
2016-01-07									
2016-01-08									
2016-01-09									
2016-01-10									
2016-01-11									
2016-01-12									
2016-01-13									
2016-01-14									
2016-01-15									
2016-01-16									
2016-01-17									
2016-01-18									
2016-01-19									
2016-01-20		1							
2016-01-21		1							
2016-01-22									
2016-01-23									
2016-01-24									
2016-01-25									
2016-01-26									
2016-01-27									
2016-01-28									
2016-01-29									
2016-01-30		1							
2016-01-31								<u> </u>	
Minimum									
Maximum		[
Average		ļ						<u> </u>	
Count	. 1	<u> </u>			· ·	1	Opport 1 . A . A . A	<u> </u>	6.1
Name of Responsible Official or Authorized Representative	I certify under the pe	nalty of law that I have	personally examined and	d am familiar	Sig	gnature of Responsible Represe		a	Submission Date/Time
individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are							2016-02- 17 16:02		

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 072 **2016-01-01** To: **2016-01-31**

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

D. D. J	Overflow	I a a					Г	1
PARAMETER	Occurrence	Overflow Volume						
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons	<u> </u>				├─	
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total					_	
2016-01-01								
2016-01-02								
2016-01-03								
2016-01-04								
2016-01-05								
2016-01-06								
2016-01-07								
2016-01-08								
2016-01-09								
2016-01-10								
2016-01-11								
2016-01-12								
2016-01-13								
2016-01-14								
2016-01-15								
2016-01-16		1						
2016-01-17								
2016-01-18								
2016-01-19								
2016-01-20								
2016-01-21								
2016-01-22								
2016-01-23								
2016-01-24							-	
2016-01-25							-	
2016-01-26		1					 	
2016-01-27								
2016-01-28								
2016-01-29							\vdash	
2016-01-30								
2016-01-31								
Minimum		-						
Maximum								
Average								
Count	- 1	L					<u> </u>	
Name of Responsible Officia or Authorized Representative	I certify under the pe	nalty of law that I have	personally examined and	d am familiar	Sig	gnature of Responsible Represe	d	Submission Date/Time
individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are							2016-02- 17 16:02	

Page 1212

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 080 **2016-01-01** To: **2016-01-31**

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-01-01							-
2016-01-02 2016-01-03							
2016-01-04							-
2016-01-05					 		
2016-01-06							
2016-01-07							
2016-01-08							
2016-01-09							
2016-01-10							
2016-01-11							
2016-01-12							
2016-01-13		<u> </u>			 		-
2016-01-14		<u> </u>			 		1
2016-01-15							1
2016-01-16							
2016-01-17							
2016-01-18							
2016-01-19					1		
2016-01-20							
2016-01-21							
2016-01-22							
2016-01-23							
2016-01-24							
2016-01-25							
2016-01-26							
2016-01-27							
2016-01-28							
2016-01-29							
2016-01-30							
2016-01-31							
Minimum							
Maximum Average		 			 		+
Count		†			1		1
Name of Responsible Officia	r certify under the pe	enalty of law that I have p		a am ramma	gnature of Responsible		
or Authorized Representativ Thomas Madej	individuals immedia submitted information	submitted herein and ba tely responsible for obtai on is true, accurate and co for submitting false info nt.	ning the information, I omplete. I am aware that	believe the t there are	Represei	пануе	2016-02- 17 16:02
	1 1			I		Page 1	313

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION: 080 **2016-01-01** To: **2016-01-31**

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

		•	Î	ī		Í			
PARAMETER CODE	CBOD 5 day	 							
PARAMETER CODE UNITS	80082 mg/l	 							
FREQUENCY	When Disch.								
SAMPLING TYPE	Grab								
2016-01-01									
2016-01-02									
2016-01-03									
2016-01-04									
2016-01-05									
2016-01-06									
2016-01-07									
2016-01-08									
2016-01-09									
2016-01-10									
2016-01-11									
2016-01-12									
2016-01-13									
2016-01-14									
2016-01-15									
2016-01-16									
2016-01-17									
2016-01-18									
2016-01-19									
2016-01-20									
2016-01-21									
2016-01-22									
2016-01-23									
2016-01-24									
2016-01-25									
2016-01-26									
2016-01-27									
2016-01-28									
2016-01-29									
2016-01-30									
2016-01-31									
Minimum									
Maximum		<u> </u>							
Average Count		 							
Name of Responsible Officia	I certify under the pe	enalty of law that I have	personally examined an	d am familiar	Sig		Official or Authorized	d	Submission
or Authorized Representativ	with the information	submitted herein and battely responsible for obtain	sed on my inquiry of the	ose		Represe	ntative		Date/Time
Thomas Madej	submitted information	on is true, accurate and co for submitting false info	omplete. I am aware tha	t there are					2016-02- 17 16:02
Page 1414								1	

SUBMISSION ID: STATUS: 558282 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 088 **2016-01-01** To: **2016-01-31** NEORSD COUNTY: DISTRICT: NEDO NEORSD ANALYST:

PARAMETER	Overflow Occurrence per Year	Overflow Volume							
PARAMETER CODE	51709	74063							
UNITS	No./Year	Million Gallons							
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total		-					
2016-01-01	AH	AH							
2016-01-02	АН	AH		1					
2016-01-03	АН	AH							
2016-01-04	АН	AH							
2016-01-05	АН	АН							
2016-01-06	АН	АН							
2016-01-07	АН	AH							
2016-01-08	АН	AH							
2016-01-09	АН	АН							
2016-01-10	АН	АН							
2016-01-11	АН	АН							
2016-01-12	АН	АН							
2016-01-13	АН	АН							
2016-01-14	АН	АН							
2016-01-15	АН	АН							
2016-01-16	АН	АН							
2016-01-17	АН	АН							
2016-01-18	АН	АН							
2016-01-19	АН	АН							
2016-01-20	АН	АН							
2016-01-21	АН	AH							
2016-01-22	АН	АН							
2016-01-23	АН	АН							
2016-01-24	АН	АН							
2016-01-25	АН	AH							
2016-01-26	АН	AH							
2016-01-27	АН	AH							
2016-01-28	АН	AH							
2016-01-29	АН	AH							
2016-01-30	АН	АН							
2016-01-31	АН	АН							
Minimum Maximum				ļ					
Average				 					
Count			<u></u>						
Name of Responsible Officia or Authorized Representativ		nalty of law that I have			Sig	gnature of Responsible Represe	Official or Authorized	d	Submission Date/Time
Thomas Madej	individuals immediat submitted information	submitted herein and ba ely responsible for obta n is true, accurate and co or submitting false info nt.	ining the information, omplete. I am aware th	I believe the at there are		Represe	Page 15	1.5	2016-02- 17 16:02

SUBMISSION ID: 558282 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 200 2016-01-01 To: 2016-01-31 NEORSD NEORSD COUNTY: DISTRICT: NEDO ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrat Total	e, Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY SAMPLING TYPE	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-01-01	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-01-02							
2016-01-03							
2016-01-04							
2016-01-05							
2016-01-06							
2016-01-07							
2016-01-08						1	0.1183
2016-01-09							
2016-01-10						1	0.5027
2016-01-11							
2016-01-12							
2016-01-13							
2016-01-14							
2016-01-15							
2016-01-16							
2016-01-17							
2016-01-18							
2016-01-19							
2016-01-20							
2016-01-21							
2016-01-22							
2016-01-23							
2016-01-24							
2016-01-25							
2016-01-26							
2016-01-27							
2016-01-28							
2016-01-29							
2016-01-30							
2016-01-31							
Minimum Maximum						1.0 1.0	0.1183 0.5027
Maximum Average				 	+	1.0	0.3105
Count				1	 	2	2
Name of Responsible Officia or Authorized Representativ	r certify under the pe	nalty of law that I have j		a an ianima	Signature of Responsible Represer	Official or Authoriz	
Thomas Madej	individuals immediate submitted information	submitted herein and ba tely responsible for obtain is true, accurate and co for submitting false informt.	ning the information, I omplete. I am aware that	believe the at there are	Represes	Page 1	2016-02- 17 16:02

SUBMISSION ID: STATUS: 558282 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 200 2016-01-01 To: 2016-01-31 NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

PARAMETER	CROD 5 day	1	ı		1	1	
PARAMETER CODE	CBOD 5 day 80082	 					
UNITS	mg/l						
FREQUENCY	When Disch.						
SAMPLING TYPE	Grab						
2016-01-01							
2016-01-02							
2016-01-03							
2016-01-04							
2016-01-05							
2016-01-06							
2016-01-07							
2016-01-08							
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2016-01-26							
2016-01-27							
2016-01-28							
2016-01-29						1	
2016-01-30						1	
2016-01-31							
Minimum							
Maximum							
Average		<u> </u>					
Count	. 1				G' 4 8 P	Official Andrews	
Name of Responsible Officia or Authorized Representativ	r corting amaer the pe	enalty of law that I have p submitted herein and ba	personally examined an	d am familiar	Signature of Responsibl Represe	e Official or Authorized entative	Submission Date/Time
Thomas Madej	individuals immedia submitted information	tely responsible for obtain on is true, accurate and confor submitting false info	ining the information, I omplete. I am aware tha	believe the t there are		Page 17	2016-02- 17 16:02

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 202 **2016-01-01** To: **2016-01-31**

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2016-01-01 2016-01-02 2016-01-03 2016-01-04 2016-01-05 2016-01-06 2016-01-07 2016-01-08 2016-01-09 2016-01-10 2016-01-10	Solids 00530 mg/I When Disch. Grab	(NH3) 00610 mg/l When Disch. Grab	Total 00625 mg/l When Disch. Grab	Total 00630 mg/l When Disch. Grab	(P) 00665 mg/1 When Disch. Grab	Occurrence 74062 No./Month When Disch. Total	74063 Million Gallons When Disch. 24hr Total
UNITS FREQUENCY SAMPLING TYPE 2016-01-01 2016-01-02 2016-01-03 2016-01-04 2016-01-05 2016-01-06 2016-01-07 2016-01-08 2016-01-09 2016-01-10	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
\$\frac{\text{SAMPLING TYPE}}{2016-01-01}\$ 2016-01-02 2016-01-03 2016-01-04 2016-01-05 2016-01-06 2016-01-07 2016-01-08 2016-01-09 2016-01-10							
2016-01-01 2016-01-02 2016-01-03 2016-01-04 2016-01-05 2016-01-06 2016-01-07 2016-01-08 2016-01-09 2016-01-10	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-01-02 2016-01-03 2016-01-04 2016-01-05 2016-01-06 2016-01-07 2016-01-08 2016-01-09 2016-01-10							
2016-01-03 2016-01-04 2016-01-05 2016-01-06 2016-01-07 2016-01-08 2016-01-09 2016-01-10							
2016-01-04 2016-01-05 2016-01-06 2016-01-07 2016-01-08 2016-01-09 2016-01-10							1
2016-01-05 2016-01-06 2016-01-07 2016-01-08 2016-01-09 2016-01-10							
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2016-01-27							
2016-01-28							
2016-01-29							
2016-01-30							
2016-01-31							
Minimum							
Maximum Average				-			
Count							
Name of Responsible Official or Authorized Representative	vith the information :	nalty of law that I have p submitted herein and ba	sed on my inquiry of th	iose	gnature of Responsible Represer		ed Submission Date/Time
Thomas Madej si	ubmitted information ignificant penalties f	ely responsible for obtain in is true, accurate and co for submitting false informat.	omplete. I am aware tha	at there are			2016-02- 17 16:02

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 202 **2016-01-01** To: **2016-01-31**

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

No.	PARAMETER	CBOD 5 day	ļ					
MamPLING TYPE Grab								
MAMPLING TYPE			 					
2016-01-02								
2016-01-05	2016-01-01							
2016-01-04	2016-01-02							
2016-01-05 2016-01-06 2016-01-09 2016-01-09 2016-01-10 2016-01-12 2016-01-13 2016-01-13 2016-01-14 2016-01-15 2016-01-16 2016-01-16 2016-01-16 2016-01-16 2016-01-17 2016-01-18 2016-01-18 2016-01-19 2016-01-19 2016-01-19 2016-01-19 2016-01-19 2016-01-19 2016-01-20	2016-01-03							
2016-01-06 2016-01-07 2016-01-09 2016-01-10 2016-01-11 2016-01-12 2016-01-13 2016-01-14 2016-01-14 2016-01-14 2016-01-15 2016-01-14 2016-01-15 2016-01-16 2016-01-16 2016-01-16 2016-01-16 2016-01-17 2016-01-18 2016-01-18 2016-01-19 2016-01-19 2016-01-19 2016-01-19 2016-01-19 2016-01-19 2016-01-19 2016-01-19 2016-01-19 2016-01-20	2016-01-04							
2016-01-07	2016-01-05							
2016-01-09	2016-01-06							
2016-01-09	2016-01-07							
2016-01-10	2016-01-08							
2016-01-12	2016-01-09							
2016-01-12	2016-01-10							
2016-01-14	2016-01-11							
2016-01-14	2016-01-12							
2016-01-15	2016-01-13							
2016-01-16	2016-01-14							
2016-01-17	2016-01-15							
2016-01-18	2016-01-16							
2016-01-19	2016-01-17							
2016-01-20	2016-01-18							
2016-01-21	2016-01-19							
2016-01-22	2016-01-20							
2016-01-23	2016-01-21							
2016-01-24	2016-01-22							
2016-01-25	2016-01-23							
2016-01-26	2016-01-24							
2016-01-27 Submission of Responsible Official or Authorized Representative Submission of fine and imprisonment. Submission of fin	2016-01-25							
2016-01-28	2016-01-26							
2016-01-29	2016-01-27							
2016-01-30	2016-01-28							
2016-01-31	2016-01-29							
Minimum Maximum Average Count Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Minimum Average I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	2016-01-30		İ					
Maximum Average Count Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Thomas Madej Thomas Madej Maximum Average I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, including the possibility of fine and imprisonment. Signature of Responsible Official or Authorized Representative Submission Date/Time 2016-02-17 16:02	2016-01-31		1					
Average Count Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Average I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.								
Count Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Thomas Madej Thomas Madej Name of Responsible Official or Authorized personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			ļ					
Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			 					
Thomas Madej submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			submitted herein and ba	sed on my inquiry of the	ose	Sig		
	Thomas Madej	submitted information significant penalties	on is true, accurate and co for submitting false info	omplete. I am aware tha	t there are			17 16:02

SUBMISSION ID: 558282 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 206 **2016-01-01** To: **2016-01-31**

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-01-01		<u> </u>					-
2016-01-02 2016-01-03							-
2016-01-04							-
2016-01-05							
2016-01-06							
2016-01-07							
		 					-
2016-01-08							
2016-01-09							
2016-01-10							
2016-01-11							
2016-01-12							
2016-01-13							-
2016-01-14							-
2016-01-15							
2016-01-16							
2016-01-17							
2016-01-18							
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2016-01-21							
2016-01-22							
2016-01-23							
2016-01-24							
2016-01-25							
2016-01-26							
2016-01-27							
2016-01-28							
2016-01-29							
2016-01-30							
2016-01-31							
Minimum							
Maximum		<u> </u>			ļ — — — — — — — — — — — — — — — — — — —		<u> </u>
Average Count	-	 			+		+
Name of Responsible Officia	1 T agentify, year 4 - 11 41-	maltry of larget -+ The	amonally ai 1	d am familia - Si	gnature of Responsible	Official or Authoriz	ed Submission
or Authorized Representativ	with the information individuals immedia	enalty of law that I have p submitted herein and ba tely responsible for obtain	sed on my inquiry of th ning the information, I	ose believe the	Represei		Date/Time
Thomas Madej		on is true, accurate and co for submitting false info nt.					2016-02- 17 16:02
	fine and imprisonme	nt.				Page 2	

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 206 **2016-01-01** To: **2016-01-31**

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

ANALYST: NO DISCHARGE INDICATOR: AL DISTRICT: NEDO

	NO DISCHARGE	INDICATOR.	L

PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2016-01-01 2016-01-02	80082 mg/l When Disch. Grab								
FREQUENCY SAMPLING TYPE 2016-01-01	When Disch.		<u> </u>						
2016-01-01									
2016-01-02									
2016-01-03									
2016-01-04									
2016-01-05									
2016-01-06									
2016-01-07									
2016-01-08									
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2016-01-24									
2016-01-25									
2016-01-26									
2016-01-27									
2016-01-28									
2016-01-29									
2016-01-30		1	1						
2016-01-31		1	1						
Minimum									
Maximum									
Average			ļ						
Count	. 1					4 80 31	0.001.1.1.4.41.1		
ame of Responsible Official Authorized Representative		enalty of law that I have submitted herein and ba			Sig	nature of Responsible Represe	Official or Authorized ntative	1	Submissio Date/Tim
Thomas Madej	individuals immedia submitted information	ately responsible for obta on is true, accurate and c for submitting false info	ining the information, I omplete. I am aware that	believe the t there are					2016-02- 17 16:02

SUBMISSION ID: STATUS: 558282 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 211 2016-01-01 To: 2016-01-31 NEORSD COUNTY: DISTRICT: NEDO NEORSD

ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063		 					
UNITS	No./Month	Million Gallons							
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total							
2016-01-01	Total	24III 10tai							
2016-01-02									
2016-01-03									
2016-01-04									
2016-01-05									
2016-01-06									
2016-01-07									
2016-01-08	1	0.126							
2016-01-09									
2016-01-10	1	0.28							
2016-01-11									
2016-01-12									
2016-01-13									
2016-01-14									
2016-01-15	1	0.196							
2016-01-16									
2016-01-17									
2016-01-18									
2016-01-19									
2016-01-20									
2016-01-21									
2016-01-22									
2016-01-23									
2016-01-24									
2016-01-25									
2016-01-26									
2016-01-27									
2016-01-28									
2016-01-29									
2016-01-30									
2016-01-31									
Minimum	1.0	0.126							
Maximum Average	1.0	0.28 0.20067							
Count	3	3							
Name of Responsible Officia or Authorized Representativ		enalty of law that I have p	personally examined ar	nd am familiar	Sig	gnature of Responsible Represe	Official or Authorized	d	Submission Date/Time
Thomas Madej	individuals immedia submitted information	a submitted herein and ba tely responsible for obtain on is true, accurate and co- for submitting false info- ent.	ining the information, I omplete. I am aware the	believe the at there are		Represe	Page 22		2016-02- 17 16:02

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 218 **2016-01-01** To: **2016-01-31**

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitra Total	ate, Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY SAMPLING TYPE	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch. 24hr Total
2016-01-01	Grab	Grab	Grab	Grab	Grab	Total	24nr Total
2016-01-02							
2016-01-03							
2016-01-04							
2016-01-05							
2016-01-06							
2016-01-07							
2016-01-08							
2016-01-09							
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2016-01-15							
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2016-01-19							
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2016-01-21							
2016-01-22							
2016-01-23							
2016-01-24							
2016-01-25							
2016-01-26							
2016-01-27							
2016-01-28							
2016-01-29							
2016-01-30							
2016-01-31							
Minimum Maximum							
Average		 		 	+		
Count							
Name of Responsible Officia	r corting ander the pe	enalty of law that I have p			Signature of Responsible		
or Authorized Representativ Thomas Madej	with the information individuals immediat submitted informatio	submitted herein and battely responsible for obtain on is true, accurate and confor submitting false info	sed on my inquiry of the ining the information, I complete. I am aware the	believe the at there are	Represen	ntative	2016-02- 17 16:02
_	fine and imprisonme		macon, including the	possionity of		Page 2	

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 218 **2016-01-01** To: **2016-01-31**

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	CBOD 5 day						
PARAMETER CODE	80082						
UNITS FREQUENCY	mg/l When Disch.						
SAMPLING TYPE	Grab						
2016-01-01							
2016-01-02							
2016-01-03							
2016-01-04							
2016-01-05							
2016-01-06							
2016-01-07							
2016-01-08							
2016-01-09							
2016-01-10							
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2016-01-12							
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2016-01-16							
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2016-01-20							
2016-01-21							
2016-01-22							
2016-01-23							
2016-01-24							
2016-01-25							
2016-01-26							
2016-01-27							
2016-01-28							
2016-01-29							
2016-01-30							
2016-01-31							
Minimum							
Maximum Average							
Count							
Name of Responsible Officia	I certify under the per	nalty of law that I have i	personally examined and	d am familiar	Signature of Responsible		
or Authorized Representativ Thomas Madej	with the information and individuals immediate submitted information	submitted herein and ba ely responsible for obtain is true, accurate and co	sed on my inquiry of the ining the information, I complete. I am aware tha rmation, including the p	believe the there are	Repres	entative	2016-02- 17 16:02
	fine and imprisonmer		The part of the pa			Page 24	

SUBMISSION ID: STATUS: 558282 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 232 2016-01-01 To: 2016-01-31 NEORSD COUNTY: DISTRICT: NEDO NEORSD ANALYST:

PARAMETER	Overflow Occurrence per Year	Overflow Volume							
PARAMETER CODE	51709	74063							
UNITS	No./Year	Million Gallons							
FREQUENCY	When Disch.	When Disch.							
2016-01-01	Total Estimate AH	Total Estimate AH							
2016-01-02	AH	AH		+					
2016-01-03	АН	AH							
2016-01-04	АН	АН							
2016-01-05	АН	АН							
2016-01-06	АН	AH							
2016-01-07	АН	АН							
2016-01-08	АН	АН							
2016-01-09	АН	АН							
2016-01-10	АН	AH							
2016-01-11	АН	АН							
2016-01-12	АН	АН							
2016-01-13	АН	АН							
2016-01-14	АН	АН							
2016-01-15	АН	АН							
2016-01-16	АН	АН							
2016-01-17	АН	АН							
2016-01-18	АН	AH							
2016-01-19	АН	AH							
2016-01-20	АН	AH							
2016-01-21	АН	AH							
2016-01-22	AH	AH							
2016-01-23	АН	AH							
2016-01-24	АН	AH							
2016-01-25	АН	AH							
2016-01-26	АН	AH							
2016-01-27	AH	AH							
2016-01-28	АН	AH							
2016-01-29	АН	AH							
2016-01-30	AH	AH							
2016-01-31	AH	AH							
Minimum Maximum									
Average			1						
Count									
Name of Responsible Officia or Authorized Representativ	r certary ander the per	nalty of law that I have p submitted herein and ba			Sig	gnature of Responsible Represe	Official or Authorized	i	Submission Date/Time
Thomas Madej	individuals immediat	ely responsible for obtain is true, accurate and co for submitting false info	ining the information, omplete. I am aware th	I believe the at there are			Page 25	2.5	2016-02- 17 16:02

SUBMISSION ID: STATUS: 558282 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 239 **2016-01-01** To: **2016-01-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate Total	, Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY CAMPLING TYPE	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-01-01	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-01-02					+		
2016-01-03					1		+
2016-01-04							†
2016-01-05							
2016-01-06							
2016-01-07							
2016-01-08					1	1	0.0027
2016-01-09							1
2016-01-10						1	0.0331
2016-01-11							0.7576
2016-01-12							1
2016-01-13							
2016-01-14							
2016-01-15							
2016-01-16							
2016-01-17							
2016-01-18							1
2016-01-19							1
2016-01-20							
2016-01-21							
2016-01-22							
2016-01-23							
2016-01-24							
2016-01-25							
2016-01-26							
2016-01-27							
2016-01-28							
2016-01-29							
2016-01-30							
2016-01-31							
Minimum						1.0	0.0027
Maximum Average		 		-	+	1.0	0.7576 0.26447
Count		 			1	2	3
Name of Responsible Officia or Authorized Representativ	e with the information	nalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	Signature of Responsible Represer	Official or Authoriz	_1
Thomas Madej	submitted information	tely responsible for obtaining is true, accurate and conform submitting false information.	omplete. I am aware tha	t there are			2016-02- 17 16:02

SUBMISSION ID: STATUS: 558282 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 239 **2016-01-01** To: **2016-01-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

						T .			
PARAMETER CODE	CBOD 5 day	 							
PARAMETER CODE UNITS	80082 mg/l	 							
FREQUENCY	When Disch.								
SAMPLING TYPE	Grab								
2016-01-01									
2016-01-02									
2016-01-03									
2016-01-04									
2016-01-05									
2016-01-06									
2016-01-07									
2016-01-08									
2016-01-09									
2016-01-10									
2016-01-11									
2016-01-12									
2016-01-13									
2016-01-14									
2016-01-15									
2016-01-16									
2016-01-17									
2016-01-18									
2016-01-19									
2016-01-20									
2016-01-21									
2016-01-22									
2016-01-23									
2016-01-24									
2016-01-25									
2016-01-26									
2016-01-27									
2016-01-28									
2016-01-29									
2016-01-30									
2016-01-31									
Minimum									
Maximum		<u> </u>							
Average Count		 					 		
Name of Responsible Officia or Authorized Representativ	I certify under the pe	enalty of law that I have p submitted herein and ba	personally examined and	d am familiar	Sig	gnature of Responsible Represe	Official or Authorized ntative	d	Submission Date/Time
Thomas Madej	individuals immedia submitted information	tely responsible for obtain on is true, accurate and confor submitting false info	ining the information, I omplete. I am aware tha	believe the t there are		•			2016-02- 17 16:02
							Page 27	27	

SUBMISSION ID: STATUS: Original 558282

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 242 **2016-01-01** To: **2016-01-31**

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

	0 9							1
PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-01-01								
2016-01-02								
2016-01-03								
2016-01-04								
2016-01-05								
2016-01-06								
2016-01-07								
2016-01-08								
2016-01-09								
2016-01-10								
2016-01-11								
2016-01-12								
2016-01-13								
2016-01-14								
2016-01-15								
2016-01-16								
2016-01-17								
2016-01-18								
2016-01-19								
2016-01-20								
2016-01-21								
2016-01-22								
2016-01-23								
2016-01-24								
2016-01-25								
2016-01-26								
2016-01-27								
2016-01-28								
2016-01-29								
2016-01-30								
2016-01-31								
Minimum								
Maximum		 						
Average		 						
Count Name of Responsible Officia	1 L	1			C:	tune of De	Official on A41	d CL
or Authorized Representativ	I certify under the p	enalty of law that I have p	personally examined an	d am familiar	Signat	ture of Responsible Represei	Official or Authorize ntative	d Submission Date/Time
Thomas Madej	individuals immedia submitted information	ately responsible for obtain on is true, accurate and conformations for submitting false info	ining the information, I omplete. I am aware tha	believe the t there are				2016-02- 17 16:02
	<u> </u>						Page 28	220

SUBMISSION ID: 558282 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 258 **2016-01-01** To: **2016-01-31**

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-01-01								
2016-01-02								
2016-01-03								
2016-01-04								
2016-01-05								
2016-01-06								
2016-01-07								
2016-01-08								
2016-01-09								
2016-01-10								
2016-01-11								
2016-01-12								
2016-01-13								
2016-01-14								
2016-01-15								
2016-01-16								
2016-01-17								
2016-01-18								
2016-01-19								
2016-01-20								
2016-01-21								
2016-01-22								
2016-01-23								
2016-01-24								
2016-01-25								
2016-01-26								
2016-01-27								
2016-01-28								
2016-01-29								
2016-01-30								
2016-01-31								
Minimum								
Maximum								
Average		 						
Count Name of Responsible Officia	1				C:	mature of Decreasible	Official or Authorize	d Submission
or Authorized Representativ	with the information	enalty of law that I have particles and ba	sed on my inquiry of th	ose	Sig	Represe		Date/Time
Thomas Madej	submitted informati	ately responsible for obtain on is true, accurate and confor submitting false information.	omplete. I am aware tha	t there are				2016-02- 17 16:02
	•						Page 29	29

FACILITY: Northeast Ohio Regional SD LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115

 $\begin{array}{ll} \text{PERMIT NUMBER:} & 3PA00002*HD \\ \text{MONITORING PERIOD:} & \underline{2016-01-01} \text{ To: } \underline{2016-01-31} \end{array}$

GENERAL REPORT COMMENT: Sampling required two times per year.

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
088	Overflow Occurrence per Year	51709	2016-01- 01	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 02	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 03	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 04	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 05	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 06	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 07	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 08	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 09	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 10	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 11	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 12	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 13	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 14	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 15	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 16	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 17	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 18	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 19	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 20	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 21	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 22	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 23	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 24	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 25	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Occurrence	51709	2016-01-	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February

	per Year		26		2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 27	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 28	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 29	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 30	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Occurrence per Year	51709	2016-01- 31	No./Year	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 01	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 02	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 03	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 04	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 05	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 06	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 07	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 08	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 09	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 10	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 11	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 12	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 13	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 14	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 15	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 16	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 17	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 18	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 19	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 20	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 21	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 22	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 23	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 24	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 25	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.
088	Overflow Volume	74063	2016-01- 26	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the Februa 2016 report.

088	Overflow Volume	74063	2016-01- 27	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Volume	74063	2016-01- 28	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Volume	74063	2016-01- 29	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Volume	74063	2016-01- 30	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
088	Overflow Volume	74063	2016-01- 31	Million Gallons	CSO 088 replaced CSO 075. Meter installed 2/3/2016. Reporting will begin with the February 2016 report.
232	Overflow Occurrence per Year	51709	2016-01- 01	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 02	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 03	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 04	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 05	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 06	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 07	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 08	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 09	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 10	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 11	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 12	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 13	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 14	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 15	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 16	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 17	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 18	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 19	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 20	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 21	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 22	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 23	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 24	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 25	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 26	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence	51709	2016-01-	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232

	per Year		27		should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 28	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 29	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 30	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-01- 31	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 01	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 02	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 03	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 04	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 05	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 06	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 07	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 08	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 09	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 10	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 11	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 12	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 13	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 14	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 15	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 16	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 17	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 18	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 19	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 20	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 21	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 22	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 23	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 24	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 25	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 26	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 27	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.

232	Overflow Volume	74063	2016-01- 28	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 29	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 30	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-01- 31	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 025 **2016-02-01** To: **2016-02-29**

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

	O C	т	Г	1					
PARAMETER	Overflow Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS	No./Month	Million Gallons							
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total							
2016-02-01	Total	24iii 10tai							
2016-02-02									
		+							
2016-02-03		+							
2016-02-04									
2016-02-05		+							
2016-02-06		+							
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24									
2016-02-25		1							
2016-02-26		İ							
2016-02-27		1							
2016-02-28									
2016-02-29									
Minimum									
Maximum		Į —							
Average									
Count					_				
Name of Responsible Officia or Authorized Representativ	I certify under the p	enalty of law that I have a submitted herein and ba	personally examined an	d am familiar	Sig	gnature of Responsible Represe	Official or Authorized		mission e/Time
Thomas Madej	individuals immedia	ately responsible for obta on is true, accurate and co for submitting false info	ining the information, I omplete. I am aware that	believe the at there are				201	16-03- 09:03
·		·		·	· <u></u>		Page 11	·	_

SUBMISSION ID: STATUS: 565824 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 035 2016-02-01 To: 2016-02-29 NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: DISTRICT: NEDO ANALYST: NEORSD

PARAMETER	Overflow Occurrence	Overflow Volume					
PARAMETER CODE	74062	74063					
UNITS	No./Month	Million Gallons					
FREQUENCY	When Disch.	When Disch.					
SAMPLING TYPE	Total	24hr Total				-	
2016-02-01							
2016-02-02		-					
2016-02-03		ļ					
2016-02-04							
2016-02-05							
2016-02-06							
2016-02-07							
2016-02-08							
2016-02-09							
2016-02-10							
2016-02-11							
2016-02-12							
2016-02-13							
2016-02-14							
2016-02-15							
2016-02-16							
2016-02-17							
2016-02-18							
2016-02-19							
2016-02-20							
2016-02-21							
2016-02-22							
2016-02-23							
2016-02-24	1	0.1011					
2016-02-25							
2016-02-26							
2016-02-27							
2016-02-28							
2016-02-29							
Minimum	1.0	0.1011					
Maximum	1.0	0.1011					
Average Count	1	0.1011				 	
Name of Responsible Officia	I roomify under the me		parconally avaminad	l am familias	Signature of Responsibl	L e Official or Authorized	1 Submission
or Authorized Representativ	with the information	submitted herein and ba	sed on my inquiry of the	ose	Represe		Date/Time
Thomas Madej	individuals immedia submitted information	tely responsible for obtai on is true, accurate and co for submitting false info	ining the information, I lomplete. I am aware that	believe the t there are			2016-03- 18 09:03
						Page 22	

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 038 **2016-02-01** To: **2016-02-29**

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

			î			î			
PARAMETER	Overflow Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS	No./Month	Million Gallons							
FREQUENCY SAMPLING TYPE	When Disch.	When Disch. 24hr Total							
	Total	24fir Totai							
2016-02-01									
2016-02-02									
2016-02-03									
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21		1							
2016-02-22		†							
2016-02-23									
2016-02-24									
2016-02-25									
2016-02-26									
2016-02-26		 							
			-						
2016-02-28									
2016-02-29									
Minimum									
Maximum Average		 							-
Count		1							
Name of Responsible Officia	L certify under the pe	enalty of law that I have	nerconally evamined an	d am familiar	Sig	gnature of Responsible	Official or Authorize	d Si	ubmission
or Authorized Representative Thomas Madej	with the information individuals immedia submitted information significant penalties	submitted herein and battely responsible for obtaining is true, accurate and confor submitting false info	sed on my inquiry of th ining the information, I omplete. I am aware tha	ose believe the t there are		Represe		D	2016-03- 18 09:03
<u> </u>	fine and imprisonme	III.					Page 33		

SUBMISSION ID: STATUS: Original 565824

3PA00002*HD 040 2016-02-01 To: 2016-02-29 NEORSD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-02-01	Grab	Grab	Grab	Grab	Grab	Total 1	24hr Total 0.0913
2016-02-02						1	
						1	1.7980
2016-02-03							5.1798
2016-02-04							
2016-02-05							
2016-02-06							
2016-02-07							
2016-02-08						1	1.3410
2016-02-09							
2016-02-10							
2016-02-11							
2016-02-12							
2016-02-13							
2016-02-14							
2016-02-15							
2016-02-16							
2016-02-17							
2016-02-18							
2016-02-19						1	3.7290
2016-02-20						-	1.5393
2016-02-21		 					
2016-02-22							
2016-02-23							
						1	9.8825
2016-02-24		 		-	+	1	7.0043
	 	 			 		
2016-02-26							
2016-02-27		ļ			 		
2016-02-28					ļ		
2016-02-29		<u> </u>				1	0.1853
Minimum						1.0	0.0913
Maximum Average		 			+	1.0	9.8825 2.96828
Count	<u> </u>	 				6	8
Name of Responsible Officia or Authorized Representativ	r certify under the pe	nalty of law that I have p submitted herein and ba		a am ramma	ignature of Responsible Represen	Official or Authorized	
Thomas Madej	individuals immedia	tely responsible for obtain on is true, accurate and confor submitting false info	ning the information, I omplete. I am aware tha	believe the t there are	2007-1502		2016-03- 18 09:03

SUBMISSION ID: 565824 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 040 2016-02-01 To: 2016-02-29 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: DISTRICT: NEDO ANALYST:

DADAMETED	CDOD 5 1	1				ı		
PARAMETER PARAMETER CODE	CBOD 5 day 80082							
UNITS	mg/l							
FREQUENCY	When Disch.							
SAMPLING TYPE	Grab							
2016-02-01								
2016-02-02								
2016-02-03								
2016-02-04								
2016-02-05								
2016-02-06								
2016-02-07								
2016-02-08								
2016-02-09								
2016-02-10								
2016-02-11								
2016-02-12								
2016-02-13								
2016-02-14								
2016-02-15								
2016-02-16								
2016-02-17								
2016-02-18								
2016-02-19								
2016-02-20								
2016-02-21								
2016-02-22								
2016-02-23								
2016-02-24								
2016-02-25								
2016-02-26								
2016-02-27								
2016-02-28								
2016-02-29								
Minimum					•			
Maximum								
Average Count								
Name of Responsible Officia	1	1. 61 3 37	11	1 6	Ç:	nature of Responsible	Official or Authorized	1 Submission
or Authorized Representative	e with the information	nalty of law that I have properties and base submitted herein and base	personally examined and sed on my inquiry of the	u am tamiliar ose	918	Represe	ntative	Date/Time
Thomas Madej	individuals immediat submitted information	ely responsible for obtain n is true, accurate and co for submitting false info	ining the information, I omplete. I am aware tha	believe the t there are		•		2016-03- 18 09:03
Page 55								

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 044 **2016-02-01** To: **2016-02-29**

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

	Overflow	I	<u> </u>	<u> </u>		Γ		
PARAMETER	Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-02-01								
2016-02-02								
2016-02-03								
2016-02-04								
2016-02-05								
2016-02-06								
2016-02-07								
2016-02-08								
2016-02-09								
2016-02-10								
2016-02-11								
2016-02-12								
2016-02-13								
2016-02-14								
2016-02-15								
2016-02-16								
2016-02-17								
2016-02-18								
2016-02-19								
2016-02-20								
2016-02-21								
2016-02-22								
2016-02-23								
2016-02-24								
2016-02-25								
2016-02-26								
2016-02-27								
2016-02-28								
2016-02-29								
Minimum								
Maximum		 						
Average Count		 	-	 				
	1	1. 61 4 77			C:	mature of Responsible	Official or Authorizon	l Submissio
Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				ntative	Date/Tim			
							2016-03- 18 09:03	
L	· · · · · · · · · · · · · · · · · · ·				·		Page 66	I

SUBMISSION ID: STATUS: 565824 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 045 2016-02-01 To: 2016-02-29 NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: DISTRICT: NEDO ANALYST: NEORSD

	Overflow	T .			ı			
PARAMETER	Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.			-+			
SAMPLING TYPE	Total	24hr Total						
2016-02-01								
2016-02-02								
2016-02-03								
2016-02-04								
2016-02-05								
2016-02-06								
2016-02-07								
2016-02-08								
2016-02-09								
2016-02-10								
2016-02-11								
2016-02-12								
2016-02-13								
2016-02-14								
2016-02-15								
2016-02-16								
2016-02-17								
2016-02-18								
2016-02-19								
2016-02-20								
2016-02-21								
2016-02-22								
2016-02-23								
2016-02-24	1	0.6						
2016-02-25								
2016-02-26								
2016-02-27								
2016-02-28								
2016-02-29								
Minimum	1.0	0.6						
Maximum	1.0	0.6						
Average Count	1	1						
		enalty of law that I have	personally evenined on	d am familie	Signati	ure of Responsible	Official or Authorized	1 Submission
Name of Responsible Officia or Authorized Representativ Thomas Madej	individuals immedia submitted information	a submitted herein and ba ately responsible for obtain on is true, accurate and confor submitting false info	sed on my inquiry of the ining the information, I complete. I am aware tha	ose believe the t there are		Represe	ntative	2016-03- 18 09:03
					Page 77			

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 056 **2016-02-01** To: **2016-02-29** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

	Overflow	1	Г		Т				
PARAMETER	Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-02-01									
2016-02-02	1	0.3989							
2016-02-03		1.3382							
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08	1	0.157							
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19	1	1.2115							
2016-02-20		0.0165							
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24	1	5.6167							
2016-02-25									
2016-02-26									
2016-02-27									
2016-02-28									
2016-02-29									
Minimum	1.0	0.0165							
Maximum Average	1.0	5.6167 1.45647	 						
Count	4	6	 		- 				_
		•	personally examined and a	m familia-	Sign	ature of Responsible	Official or Authorized	l Submiss	ion
Name of Responsible Officia or Authorized Representativ Thomas Madej	individuals immedia submitted informati	submitted herein and ba tely responsible for obtain on is true, accurate and co	sed on my inquiry of those ining the information, I bel omplete. I am aware that the rmation, including the poss	lieve the nere are	~-8	Represe	ntative	2016-0 18 09:0	me)3-
	ent.					Page 88			

NEORSD

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 058 2016-02-01 To: 2016-02-29 NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Overflow	Overflow Volume					
PARAMETER CODE	Occurrence 74062	74063	-				
UNITS	No./Month	Million Gallons			†		
FREQUENCY	When Disch.	When Disch.					
SAMPLING TYPE	Total	24hr Total	ļ				
2016-02-01			ļ				
2016-02-02	1	0.0265					
2016-02-03							
2016-02-04							
2016-02-05							
2016-02-06							
2016-02-07							
2016-02-08							
2016-02-09							
2016-02-10							
2016-02-11							
2016-02-12							
2016-02-13							
2016-02-14							
2016-02-15							
2016-02-16							
2016-02-17							
2016-02-18							
2016-02-19	1	0.1214					
2016-02-20							
2016-02-21							
2016-02-22							
2016-02-23							
2016-02-24	1	0.1414					
2016-02-25							
2016-02-26							
2016-02-27							
2016-02-28							
2016-02-29							
Minimum	1.0	0.0265					
Maximum	1.0	0.1414					
Average	1	0.09643					
Count	3	3		1	ignoture of D	Official on A-41] C
Name of Responsible Officia or Authorized Representativ		enalty of law that I have p	personally examined and ar used on my inquiry of those	III Ittiiiiitti	ignature of Responsible Represe		d Submission Date/Time
Thomas Madej	individuals immedia submitted informati	ately responsible for obtain on is true, accurate and confor submitting false info	ining the information, I beli omplete. I am aware that th rmation, including the poss	lieve the nere are	•	Page 99	2016-03- 18 09:03

SUBMISSION ID: STATUS: Original 565824

3PA00002*HD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 059 **2016-02-01** To: **2016-02-29**

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2016-02-01	Overflow Occurrence 74062 No./Month When Disch. Total	Overflow Volume 74063 Million Gallons When Disch.			_				
UNITS FREQUENCY SAMPLING TYPE	No./Month When Disch.	Million Gallons							
FREQUENCY SAMPLING TYPE	When Disch.								
SAMPLING TYPE		When Disch.	1						
1		24hr Total							
2010-02-01									
2016-02-02									
2016-02-03				 					
2016-02-04				 					
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24									
2016-02-25									
2016-02-26									
2016-02-27									
2016-02-28									
2016-02-29									
Minimum									
Maximum		ļ			-				
Average		+	 	 	- +				
Count Name of Responsible Official	l r .:e	1. (1. 3.17)	11	1 6	Sign	ature of Recnancible	Official or Authorized	վ Հորհո	mission
Name of Responsible Official or Authorized Representative	under the pe	enalty of law that I have p submitted herein and ba	personally examined an sed on my inquiry of th	d am tamiliar ose	Sign	Represei			nissior e/Time
Thomas Madej	individuals immedia submitted information	tely responsible for obtain on is true, accurate and confor submitting false info	ining the information, I omplete. I am aware that	believe the at there are		•	Page 10	201 18	16-03- 09:03

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: 069 LOCATION: 2016-02-01 To: 2016-02-29

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

	Overflow	Γ	Γ	ſ		1			
PARAMETER	Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-02-01									
2016-02-02									
2016-02-03									
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24									
2016-02-25									
2016-02-26									
2016-02-27									
2016-02-28									
2016-02-29									
Minimum									
Maximum		ļ							
Average		 		 					
Count Name of Pasponsible Officia	1				C2.	moture of Personsili	Official or Authorica	1 1	Submission
Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				Representative Date/			Date/Time		
							2016-03- 18 09:03		
<u> </u>	•						Page 11	11	

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 072 **2016-02-01** To: **2016-02-29**

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST:
NO DISCHARGE INDICATOR: AI

	NODISCHARGE	EINDICATOR.	AL

PARAMETER	Overflow Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063			-				
UNITS	No./Month	Million Gallons							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-02-01									
2016-02-02		ļ							
2016-02-03		ļ							
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									·
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24									
2016-02-25									
2016-02-26									
2016-02-27					\neg				
2016-02-28					$\neg \uparrow$				
2016-02-29									
Minimum									
Maximum									
Average Count		 							
Name of Responsible Officia	Loortify under the	malty of law that I have	norconally evenined	d am familia-	Sig	nature of Responsible	Official or Authorize	ı s	ubmission
or Authorized Representativ	with the information	submitted herein and ba	ised on my inquiry of th	ose _	~-5	Represe			Date/Time
Thomas Madej	submitted informatio	tely responsible for obtain on is true, accurate and confor submitting false inform.	omplete. I am aware tha	t there are					2016-03- 18 09:03
Page 1212									

SUBMISSION ID: STATUS: 565824 Original

3PA00002*HD 080 2016-02-01 To: 2016-02-29 NEORSD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: NEDO ANALYST: NEORSD DISTRICT:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-02-01							
2016-02-02						1	0.2859
2016-02-03							0.0378
2016-02-04							
2016-02-05							
2016-02-06							
2016-02-07							
2016-02-08							
2016-02-09							
2016-02-10							
2016-02-11							
2016-02-12							
2016-02-13							
2016-02-14							
2016-02-15							
2016-02-16							
2016-02-17							
2016-02-18							
2016-02-19							
2016-02-20							
2016-02-21							
2016-02-22							
2016-02-23							
2016-02-24						1	4.1823
2016-02-25							
2016-02-26							
2016-02-27							
2016-02-28							
2016-02-29							
Minimum						1.0	0.0378
Maximum						1.0	4.1823
Average		-				1 2	1.502
Count Name of Responsible Officia	I contify under the	malty of law that I have	parsonally avamina	d am familian Si	gnature of Responsible	2 Official or Authorize	3 Submission
or Authorized Representativ	with the information	enalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	Represer		Date/Time
Thomas Madej	individuals immediat submitted informatio	tely responsible for obtain on is true, accurate and confor submitting false info	ning the information, I omplete. I am aware that	believe the at there are			2016-03- 18 09:03
						Dogo 1	

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 080 2016-02-01 To: 2016-02-29 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: DISTRICT: NEDO ANALYST:

PARAMETER	CBOD 5 day								
PARAMETER CODE	80082								
UNITS	mg/l								
FREQUENCY CAMPLING TYPE	When Disch.								
2016-02-01	Grab								
2016-02-02									
2016-02-03									
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24									
2016-02-25									
2016-02-26									
2016-02-27									
2016-02-28									
2016-02-29									
Minimum									
Maximum Average									
Count		<u> </u>							
Name of Responsible Officia	1				C:	noture of Responsible	Official on Authoriza	d Cubmi	iccion
or Authorized Representative	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are							d Submi Date/	Time
Thomas Madej	submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Page 1414								9:03

SUBMISSION ID: STATUS: 565824 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 088 **2016-02-01** To: **2016-02-29** NEORSD COUNTY: NEDO NEORSD DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

	Overflow Occurrence		<u> </u>		ı				
PARAMETER	per Year	Overflow Volume							
PARAMETER CODE	51709	74063							
UNITS FREQUENCY	No./Year When Disch.	Million Gallons When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-02-01					Ì				
2016-02-02									
2016-02-03									
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24	1	0.0505							
2016-02-25									
2016-02-26									
2016-02-27]				
2016-02-28									
2016-02-29									
Minimum	,	0.0505							
Maximum	ļ	0.0505							
Average Count	 	0.0505							
	alle de la		11 . 1	1 6 11	Sign	nature of Responsible	Official or Authorize	d	Submission
Name of Responsible Officia or Authorized Representativ Thomas Madej	I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of					Signature of Responsible Official or Authorized Representative			
,	fine and imprisonmen		imation, including the p	Page 1515				18 09:03	

SUBMISSION ID: STATUS: 565824 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 200 2016-02-01 To: 2016-02-29 NEORSD COUNTY: NEDO NEORSD DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

DADAMETED	Total Suspended	Nitrogen, Ammonia	Nitrogen Kjeldahl,	Nitrite Plus Nitrate	e, Phosphorus, Total	Overflow	Overflow Volume
PARAMETER	Solids	(NH3)	Total	Total	(P)	Occurrence	
PARAMETER CODE UNITS	00530 mg/l	00610 mg/l	00625 mg/l	00630 mg/l	00665 mg/l	74062 No./Month	74063 Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-02-01							
2016-02-02						1	1.1791
2016-02-03							0.1479
2016-02-04							
2016-02-05							
2016-02-06							
2016-02-07							
2016-02-08						1	0.5276
2016-02-09							
2016-02-10							
2016-02-11							
2016-02-12							
2016-02-13							
2016-02-14							
2016-02-15							
2016-02-16							
2016-02-17							
2016-02-18							
2016-02-19						1	0.0984
2016-02-20							
2016-02-21							
2016-02-22							
2016-02-23							
2016-02-24						1	0.0191
2016-02-25							
2016-02-26							
2016-02-27							
2016-02-28							
2016-02-29							
Minimum						1.0	0.0191
Maximum		ļ				1.0	1.1791
Average		 			+	1	0.39442
Count	1	<u>I</u>		<u> </u>	Si	4	5
Name of Responsible Officia or Authorized Representativ	with the information	enalty of law that I have p submitted herein and ba tely responsible for obtain	sed on my inquiry of th	ose	Signature of Responsible Represer		zed Submission Date/Time
Thomas Madej	submitted information	on is true, accurate and co for submitting false info	omplete. I am aware tha	t there are			2016-03- 18 09:03
	•					Page	1616

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 200 2016-02-01 To: 2016-02-29 NEORSD NEORSD COUNTY: DISTRICT: NEDO ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day	1							
PARAMETER CODE	80082								
UNITS	mg/l								
FREQUENCY CAMPLING TYPE	When Disch.								
2016-02-01	Grab								
2016-02-02									
2016-02-03									
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24									
2016-02-25									
2016-02-26									
2016-02-27									
2016-02-28									
2016-02-29									
Minimum									
Maximum									
Average Count									
Name of Responsible Officia	1				C:	gnature of Responsible	Official on Authoriza	d Subm	nission
or Authorized Representativ	with the information individuals immediat submitted informatio	nalty of law that I have p submitted herein and ba ely responsible for obtain is true, accurate and co	sed on my inquiry of the ining the information, I complete. I am aware tha	ose believe the t there are	318	Represe		Date/	/Time 6-03-
Thomas Madej	significant penalties	for submitting false info	rmation, including the p	ossibility of			Page 17	18 0	9:03

SUBMISSION ID: STATUS: 565824 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 202 2016-02-01 To: 2016-02-29 NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-02-01	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-02-02							+
2016-02-03							+
2016-02-04							
2016-02-05							
2016-02-06							-
2016-02-07							
2016-02-08							
2016-02-09							
2016-02-10							
2016-02-11							
2016-02-12							
2016-02-13							
2016-02-14							
2016-02-15							
2016-02-16							
2016-02-17							
2016-02-18							
2016-02-19							
2016-02-20							
2016-02-21							
2016-02-22							
2016-02-23							
2016-02-24						1	0.0157
2016-02-25						•	0.0127
2016-02-26							+
2016-02-27							+
2016-02-28							+
2016-02-28				-	 		+
						1.0	0.0157
Minimum Maximum		 				1.0	0.0157 0.0157
Average		1				1	0.0157
Count						1	1
Name of Responsible Officia or Authorized Representativ	with the information	nalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	gnature of Responsible Represer		zed Submission Date/Time
Thomas Madej	individuals immediat submitted information	tely responsible for obtain on is true, accurate and co for submitting false info	ning the information, I omplete. I am aware that	believe the at there are			2016-03- 18 09:03

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 202 2016-02-01 To: 2016-02-29 NEORSD NEORSD COUNTY: DISTRICT: NEDO

ANALYST: NO DISCHARGE INDICATOR:

DADAMETED	CDOD 5 days	1				1			_
PARAMETER PARAMETER CODE	CBOD 5 day 80082								ᅱ
UNITS	mg/l								\dashv
FREQUENCY	When Disch.								╗
SAMPLING TYPE	Grab								
2016-02-01									
2016-02-02									
2016-02-03									
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24									
2016-02-25									
2016-02-26									
2016-02-27									
2016-02-28									
2016-02-29									
Minimum					•				
Maximum									
Average Count									
Name of Responsible Officia	1	1. 61 3 3	11	1 6	Ç:	l gnature of Responsible	Official or Authoriza	d Submiss	ior
or Authorized Representative	e with the information	nalty of law that I have properties and base submitted herein and base	personally examined and sed on my inquiry of the	a am tamiliar ose	31	Represe	ntative	Date/Tir	
Thomas Madej	individuals immediat submitted information	ely responsible for obtain is true, accurate and co for submitting false info	ining the information, I omplete. I am aware tha	believe the t there are				2016-0 18 09:0	3-
	Page 1919								

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 206 2016-02-01 To: 2016-02-29 NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-02-01	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-02-02							+
2016-02-03							+
2016-02-04							+
							+
2016-02-05							
2016-02-06							
2016-02-07							-
2016-02-08							
2016-02-09							
2016-02-10							
2016-02-11							
2016-02-12							
2016-02-13							
2016-02-14							
2016-02-15							
2016-02-16							
2016-02-17							
2016-02-18							
2016-02-19							
2016-02-20							
2016-02-21							1
2016-02-22							1
2016-02-23							
2016-02-24						1	1.9866
2016-02-25							
2016-02-26							
2016-02-27							1
2016-02-28							†
2016-02-29							†
Minimum						1.0	1.9866
Maximum						1.0	1.9866
Average						1	1.9866
Count						1	1
Name of Responsible Officia or Authorized Representativ	e with the information	nalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	gnature of Responsible Represer		ed Submission Date/Time
Thomas Madej	individuals immediat submitted information	tely responsible for obtain on is true, accurate and co for submitting false info	ning the information, I omplete. I am aware that	believe the at there are			2016-03- 18 09:03

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-02-01 To: 2016-02-29 NEORSD NEORSD COUNTY: DISTRICT: NEDO ANALYST:

NO DISCHARGE INDICATOR:

DADAMETED	CDOD 5 1	1						ı	—
PARAMETER PARAMETER CODE	CBOD 5 day 80082								\dashv
UNITS	mg/l								\dashv
FREQUENCY	When Disch.								\neg
SAMPLING TYPE	Grab								
2016-02-01									
2016-02-02									
2016-02-03									
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24									
2016-02-25									
2016-02-26									
2016-02-27									
2016-02-28									
2016-02-29									
Minimum					•				
Maximum									
Average Count									
Name of Responsible Officia	1				C:	nature of Responsible	Official on Authoriza	d Submis	cion
or Authorized Representativ	e with the information	nalty of law that I have part and ba	personally examined and sed on my inquiry of the	d am familiar	SIĘ	Represe	ntative	Date/T	
Thomas Madej	individuals immediat submitted information	ely responsible for obtain is true, accurate and co for submitting false info	ining the information, I omplete. I am aware tha	believe the t there are				2016- 18 09:	-03-
Page 2121									

SUBMISSION ID: STATUS: 565824 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 211 2016-02-01 To: 2016-02-29 NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

	Overflow	T			ı				
PARAMETER	Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-02-01									
2016-02-02	1	0.2940							
2016-02-03		0.7280							
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08	1	0.7700							
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19	1	0.5880							
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24	1	2.3100							
2016-02-25									
2016-02-26									
2016-02-27									
2016-02-28									
2016-02-29	1	0.0140							
Minimum	1.0	0.014							
Maximum	1.0	2.31							
Average	5	0.784							
Count Name of Responsible Officia	-	6			C:	nature of Passancill	Official or Authorized	a I	Submission
or Authorized Representativ Thomas Madej	with the information individuals immedia submitted informati	enalty of law that I have p a submitted herein and ba ately responsible for obtain on is true, accurate and co- for submitting false info-	sed on my inquiry of the ining the information, I b omplete. I am aware that	se believe the there are		Represe	ntative		2016-03- 18 09:03
	raic and imprisonme	un.					Page 22	22	

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 218 **2016-02-01** To: **2016-02-29** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-02-01	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-02-02						1	0.0590
2016-02-03						-	0.0588
2016-02-04							0.0500
2016-02-05							+
2016-02-06							+
2016-02-07							+
2016-02-08							+
2016-02-09							
		 					+
2016-02-10		 					+
2016-02-11		 					+
2016-02-13							+
							+
2016-02-14							+
2016-02-15							+
2016-02-16							+
2016-02-17							+
2016-02-18							+
2016-02-19							
2016-02-20							+
2016-02-21							+
2016-02-22		ļ					_
2016-02-23							
2016-02-24						1	0.7626
2016-02-25							
2016-02-26							
2016-02-27							
2016-02-28							
2016-02-29							
Minimum						1.0	0.0588
Maximum		ļ			ļ	1.0	0.7626
Average Count		 			-	2	0.29347
Name of Responsible Officia or Authorized Representativ	e with the information	nalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	gnature of Responsible Represer	Official or Authoriz	
Thomas Madej	individuals immediat submitted information	tely responsible for obtai on is true, accurate and co for submitting false info	ining the information, I omplete. I am aware tha	believe the at there are			2016-03- 18 09:03

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 218 2016-02-01 To: 2016-02-29 NEORSD NEORSD COUNTY: DISTRICT: NEDO ANALYST:

NO DISCHARGE INDICATOR:

DADAMETED	CDOD 5 1	1				ı			
PARAMETER PARAMETER CODE	CBOD 5 day 80082								
UNITS	mg/l								
FREQUENCY	When Disch.								
SAMPLING TYPE	Grab								
2016-02-01									
2016-02-02									
2016-02-03									
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24									
2016-02-25									
2016-02-26									
2016-02-27									
2016-02-28									
2016-02-29									
Minimum									
Maximum									
Average Count									
Name of Responsible Officia	1	1. 61 3 3	11	1 6	Ç:	l gnature of Responsible	Official or Authoriza	d ¢	bmission
or Authorized Representativ	e with the information	nalty of law that I have partial submitted herein and ba	personally examined and sed on my inquiry of the	a am tamiliar ose	31	Represe	ntative	Da	ate/Time
Thomas Madej	individuals immediat submitted information	ely responsible for obtain n is true, accurate and co for submitting false info	ining the information, I omplete. I am aware tha	believe the t there are				2	016-03- 8 09:03
Page 2424									

SUBMISSION ID: STATUS: 565824 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 232 2016-02-01 To: 2016-02-29 NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume		1					
PARAMETER CODE	per Year 51709	74063							
UNITS	No./Year	Million Gallons							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total Estimate	Total Estimate							
2016-02-01	AH	AH							
2016-02-02	AH	AH							
2016-02-03	AH	AH							
2016-02-04	AH	AH							
2016-02-05	AH	AH							
2016-02-06	AH	AH							
2016-02-07	АН	АН							
2016-02-08	АН	АН							
2016-02-09	АН	АН							
2016-02-10	АН	AH							
2016-02-11	АН	АН							
2016-02-12	АН	AH							
2016-02-13	АН	АН							
2016-02-14	AH	AH							
2016-02-15	АН	AH							
2016-02-16	AH	AH							
2016-02-17	AH	AH							
2016-02-18	АН	AH							
2016-02-19	АН	АН							
2016-02-20	AH	AH							
2016-02-21	АН	AH							
2016-02-22	AH	AH							
2016-02-23	AH	AH							
2016-02-24	АН	AH							
2016-02-25	AH	AH							
2016-02-26	АН	AH							
2016-02-27	АН	AH							
2016-02-28	АН	AH							
2016-02-29	АН	AH							
Minimum									
Maximum									
Average Count				 					
Name of Responsible Officia	L cartify under the ne	alty of law that I have	personally examined an	d am familiar	Si	nature of Responsible	Official or Authorized	1 Submis	ssion
or Authorized Representative Thomas Madej	with the information individuals immediate submitted information	submitted herein and ba ely responsible for obtain is true, accurate and co	sed on my inquiry of th ining the information, I omplete. I am aware tha	ose believe the at there are		Represe		2016-	Гіте -03-
significant penalties for submitting false information, including the possibility of fine and imprisonment.						Page 25	18 09	1:03	

SUBMISSION ID: STATUS: 565824 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 239 **2016-02-01** To: **2016-02-29** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-02-01	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-02-02						1	0.2495
2016-02-03						•	2.4485
2016-02-04							2.7703
2016-02-05							
2016-02-06							
2016-02-07							
					 	1	1 2241
2016-02-08						1	1.3341
2016-02-09							0.8645
2016-02-10							
2016-02-11							
2016-02-12							
2016-02-13							
2016-02-14							
2016-02-15							
2016-02-16						1	0.0000
2016-02-17							
2016-02-18							
2016-02-19						1	1.6685
2016-02-20							0.7765
2016-02-21							
2016-02-22							
2016-02-23							
2016-02-24						1	7.8217
2016-02-25							0.7632
2016-02-26							
2016-02-27							
2016-02-28							
2016-02-29						1	0.0046
Minimum						1.0	0.0
Maximum						1.0	7.8217
Average					.	1	1.59311
Count		I				6	10
Name of Responsible Officia or Authorized Representative	with the information	nalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	gnature of Responsible Represen		d Submission Date/Time
Thomas Madej	submitted informatio	tely responsible for obtain on is true, accurate and confor submitting false information	omplete. I am aware tha	t there are			2016-03- 18 09:03

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 239 2016-02-01 To: 2016-02-29 NEORSD NEORSD COUNTY: DISTRICT: NEDO ANALYST:

NO DISCHARGE INDICATOR:

DADAMETED	CDOD 5 1	1						
PARAMETER PARAMETER CODE	CBOD 5 day 80082							
UNITS	mg/l							
FREQUENCY	When Disch.							
SAMPLING TYPE	Grab							
2016-02-01								
2016-02-02								
2016-02-03								
2016-02-04								
2016-02-05								
2016-02-06								
2016-02-07								
2016-02-08								
2016-02-09								
2016-02-10								
2016-02-11								
2016-02-12								
2016-02-13								
2016-02-14								
2016-02-15								
2016-02-16								
2016-02-17								
2016-02-18								
2016-02-19								
2016-02-20								
2016-02-21								
2016-02-22								
2016-02-23								
2016-02-24								
2016-02-25								
2016-02-26								
2016-02-27								
2016-02-28								
2016-02-29								
Minimum								
Maximum								
Average Count								
Name of Responsible Officia	1	1. 61 3 3	11	1 6	Çi.	nature of Responsible	Official or Authoriza	d Submission
or Authorized Representativ	e with the information	nalty of law that I have partial submitted herein and ba	personally examined and sed on my inquiry of the	a am familiar ose	315	Represe	ntative	Date/Tim
Thomas Madej	individuals immediat submitted information	ely responsible for obtain is true, accurate and co for submitting false info	ining the information, I omplete. I am aware tha	believe the t there are		•		2016-03 18 09:03
Page 2727								27

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 242 **2016-02-01** To: **2016-02-29**

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR: AL

	Overflow	Γ	Π	ſ		ı			
PARAMETER	Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-02-01									
2016-02-02									
2016-02-03									
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24									
2016-02-25									
2016-02-26									
2016-02-27									
2016-02-28									
2016-02-29									
Minimum									
Maximum		ļ							
Average		 		 					
Count Name of Pasponsible Officia	1				C:	moture of Personsiti	 Official or Authorize	. I	Submission
Name of Responsible Officia or Authorized Representative	Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are					gnature of Responsible Represe	ntative	ı	Date/Time
Thomas Madej	submitted information significant penalties fine and imprisonme	for submitting false info	omplete. I am aware tha rmation, including the p	t there are possibility of					2016-03- 18 09:03
<u> </u>	•				Page 28	20			

SUBMISSION ID: STATUS: Original 565824

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 258 **2016-02-01** To: **2016-02-29**

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

	Overflow	T =	T	Γ		I			
PARAMETER	Occurrence	Overflow Volume							
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons	<u> </u>						
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-02-01									
2016-02-02									
2016-02-03									
2016-02-04									
2016-02-05									
2016-02-06									
2016-02-07									
2016-02-08									
2016-02-09									
2016-02-10									
2016-02-11									
2016-02-12									
2016-02-13									
2016-02-14									
2016-02-15									
2016-02-16									
2016-02-17									
2016-02-18									
2016-02-19									
2016-02-20									
2016-02-21									
2016-02-22									
2016-02-23									
2016-02-24									
2016-02-25									
2016-02-26									
2016-02-27									
2016-02-28									
2016-02-29									
Minimum		ļ							
Maximum Average		-		-					
Count		 		 					
Name of Responsible Officia	I certify under the ne	enalty of law that I have	personally examined an	d am familiar	Siş	nature of Responsible		d	Submission
or Authorized Representative Thomas Madej	with the information individuals immedia submitted information	submitted herein and ba tely responsible for obta- on is true, accurate and co- for submitting false info	sed on my inquiry of th ining the information, I omplete. I am aware tha	ose believe the at there are		Represe	ntative		2016-03-
-	fine and imprisonme		imation, including the p	oossionity of			Page 29	20	18 09:03

FACILITY: Northeast Ohio Regional SD LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115

PERMIT NUMBER: 3PA00002*HD **MONITORING PERIOD:** 2016-02-01 To: 2016-02-29

GENERAL REPORT COMMENT: Sampling required two times per year.

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
045	Overflow Occurrence	74062	2016-02- 24	No./Month	Model data used to estimate volume for event. Flow calculation is under review.
232	Overflow Occurrence per Year	51709	2016-02- 01	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 02	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 03	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 04	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 05	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 06	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 07	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 08	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 09	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 10	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 11	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 12	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 13	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 14	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 15	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 16	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 17	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 18	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 19	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 20	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 21	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 22	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 23	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 24	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence	51709	2016-02-	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232

	per Year	1	25		should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 26	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 27	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 28	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-02- 29	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 01	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 02	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 03	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 04	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 05	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 06	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 07	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 08	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 09	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 10	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 11	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 12	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 13	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 14	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 15	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 16	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 17	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 18	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 19	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 20	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 21	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 22	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 23	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 24	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 25	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 26	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 27	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.

232	Overflow Volume	74063	2016-02- 28	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-02- 29	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

025 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow	Overflow Volume	Ī	Π					
	Occurrence								
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-03-01									
2016-03-02		<u> </u>							
2016-03-03		<u> </u>							
2016-03-04									
2016-03-05									
2016-03-06									
2016-03-07									
2016-03-08									
2016-03-09									
2016-03-10									
2016-03-11			ĺ						
2016-03-12		1							
2016-03-13									
2016-03-14									
2016-03-15									
2016-03-16		1							
2016-03-17		1							
2016-03-18		 							
2016-03-19									
2016-03-20		1							
2016-03-21		1							
2016-03-22									
2016-03-23		1							
2016-03-24		1							
2016-03-25		 							
2016-03-26		 							
2016-03-27		 							
2016-03-28		+		 					
2016-03-29				 					
2016-03-29		 	<u> </u>	 					
2016-03-31				 					
Minimum		+	-	 					
Maximum		1	1						
Average									
Count									
Name of Responsible Official or Authorized Representative I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the						gnature of Responsible Represe	Official or Authorized ntative	D	abmission ate/Time
Thomas Madej	submitted information	on is true, accurate and co for submitting false info	omplete. I am aware that	there are					2016-04- 19 18:04
							Page 11		

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

035 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow	Overflow Volume						
	Occurrence 74062	74063						
PARAMETER CODE UNITS	No./Month	Million Gallons			_			
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-03-01								
2016-03-02								
2016-03-03								
2016-03-04								
2016-03-05								
2016-03-06								
2016-03-07								
2016-03-08								
2016-03-09								
2016-03-10								
2016-03-11								
2016-03-12								
2016-03-13								
2016-03-14	1	0.1557						
2016-03-15								
2016-03-16								
2016-03-17								
2016-03-18								
2016-03-19								
2016-03-20								
2016-03-21		+						
2016-03-22		+						
2016-03-23		+		 				
2016-03-24	1	0.0668						
2016-03-25	1	0.0000						
2016-03-26		+		 	\rightarrow			
2016-03-26		+		 	\rightarrow			
2016-03-27	1	0.2514	-	 	\rightarrow			
	1	0.2314	-	-				
2016-03-29		+		-				
2016-03-30		+		-	\dashv			
2016-03-31		0.0550						
Minimum Maximum	1.0 1.0	0.0668 0.2514	-	-	+			
Average	1.0	0.15797	 	 	+			
Count	3	3			+			
Name of Responsible Officia or Authorized Representativ	I certify under the p	penalty of law that I have penalty of law that I have pen submitted herein and basately responsible for obtain	sed on my inquiry of the	ose	Sign	nature of Responsible Represe	Official or Authorized	Submission Date/Tim
Thomas Madej	submitted informati	on is true, accurate and co s for submitting false info	omplete. I am aware that	t there are				2016-04 19 18:04
	<u> </u>				L		Page 22	

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION: 038 2016-03-01 To: 2016-03-31

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER CODE PARAMETER CODE VITTS No.Ndorth Million Galloss				NO DISCHARGE					
PARAMETER CODE	PARAMETER	Overflow	Overflow Volume						
Mylen Disch. When Disch.	PARAMETER CODE								
SAMPLING TYPE									
2016-03-03 2016-03-03 2016-03-04 2016-03-05 2016-03-07 2016-03-09 2016-03-11 2016-03-12 2016-03-14 2016-03-14 2016-03-15 2016-03-15 2016-03-16 2016-03-17 2016-03-18 2016-03-18 2016-03-18 2016-03-18 2016-03-19 2016-03-19 2016-03-19 2016-03-19 2016-03-19 2016-03-22 2016-03-23 2016-03-23 2016-03-24 2016-03-25 2016-03-25 2016-03-27 2016-03-27 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-39									
2016-03-04 2016-03-05 2016-03-06 2016-03-06 2016-03-07 2016-03-07 2016-03-08 2016-03-08 2016-03-09 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-15 2016-03-16 2016-03-16 2016-03-16 2016-03-17 2016-03-18 2016-03-18 2016-03-18 2016-03-18 2016-03-22 2016-03-30 2016-03-22 2016-03-32		Total	24III 10tai						
2016-03-03 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-07 2016-03-08 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-15 2016-03-15 2016-03-16 2016-03-17 2016-03-18 2016-03-18 2016-03-18 2016-03-19 2016-03-20 2016-03-20 2016-03-22 2016-03-22 2016-03-23 2016-03-23 2016-03-23 2016-03-24 2016-03-25 2016-03-25 2016-03-25 2016-03-26 2016-03-27 2016-03-38 2016-03-38 2016-03-28 2016-03-38 2016-03-39 2016-03-39 2016-03-30									
2016-03-05									
2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-10 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-12 2016-03-15 2016-03-15 2016-03-16 2016-03-16 2016-03-17 2016-03-18 2016-03-18 2016-03-18 2016-03-29 2016-03-20 2016-03-20 2016-03-22 2016-03-22 2016-03-25 2016-03-25 2016-03-25 2016-03-25 2016-03-25 2016-03-25 2016-03-26 2016-03-27 2016-03-28 2016-03-29 2016-03-28 2016-03-29 2016-03-29 2016-03-30									
2016-03-06 2016-03-07 2016-03-09 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-15 2016-03-16 2016-03-16 2016-03-17 2016-03-18 2016-03-18 2016-03-18 2016-03-18 2016-03-18 2016-03-19 2016-03-20 2016-03-20 2016-03-22 2016-03-22 2016-03-22 2016-03-23 2016-03-24 2016-03-25 2016-03-25 2016-03-26 2016-03-27 2016-03-28 2016-03-28 2016-03-28 2016-03-28 2016-03-28 2016-03-28 2016-03-39 2016-03-30			<u> </u>						
2016-03-08									
2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-15 2016-03-16 2016-03-17 2016-03-18 2016-03-17 2016-03-18 2016-03-19 2016-03-21 2016-03-22 2016-03-21 2016-03-22 2016-03-23 2016-03-23 2016-03-23 2016-03-25 2016-03-25 2016-03-25 2016-03-27 2016-03-28 2016-03-27 2016-03-28 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-20	2016-03-07								
2016-03-11 2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-15 2016-03-16 2016-03-17 2016-03-18 2016-03-19 2016-03-19 2016-03-20 2016-03-21 2016-03-21 2016-03-22 2016-03-23 2016-03-23 2016-03-23 2016-03-24 2016-03-25 2016-03-25 2016-03-25 2016-03-26 2016-03-27 2016-03-28 2016-03-28 2016-03-28 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-30 2016-03-31 Minimum Maximum M	2016-03-08								
2016-03-11 2016-03-12 2016-03-14 2016-03-15 2016-03-16 2016-03-17 2016-03-18 2016-03-19 2016-03-19 2016-03-21 2016-03-21 2016-03-22 2016-03-23 2016-03-24 2016-03-25 2016-03-26 2016-03-27 2016-03-27 2016-03-28 2016-03-27 2016-03-28 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-30 2016-03-30 2016-03-30 2016-03-31 Minimum Maximum	2016-03-09								
2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-16 2016-03-17 2016-03-18 2016-03-19 2016-03-20 2016-03-21 2016-03-22 2016-03-22 2016-03-23 2016-03-24 2016-03-25 2016-03-25 2016-03-25 2016-03-27 2016-03-28 2016-03-27 2016-03-28 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-29 2016-03-30 2016-03-30 2016-03-30 2016-03-30 2016-03-30 2016-03-31 Minimum Maximum Maximum Maximum Maximum Maximum Maximum Maximum Average Count Lecrify under the penalty of law that I have personally examined and am familiar and the country of those manufactory responsible Official or Authorized Representative Signature of Responsible Official or Authorized Representative Signature of Responsible Official or Authorized Representative Signature of Responsible Official or Authorized Representative Signature of Responsible Official or Authorized Representative Signature of Responsible Official or Authorized Representative Date/Time Authorized Representative Signature of Responsible Official or Authorized Representative Signature of Responsible Official or Authorized Representative Date/Time Authorized Representative	2016-03-10								
2016-03-14 2016-03-15 2016-03-16 2016-03-17 2016-03-18 2016-03-19 2016-03-20 2016-03-21 2016-03-22 2016-03-22 2016-03-23 2016-03-24 2016-03-25 2016-03-25 2016-03-26 2016-03-26 2016-03-27 2016-03-28 2016-03-28 2016-03-29 2016-03-30	2016-03-11								
2016-03-15 2016-03-16 2016-03-17 2016-03-18 2016-03-19 2016-03-20 2016-03-21 2016-03-22 2016-03-23 2016-03-25 2016-03-25 2016-03-26 2016-03-26 2016-03-27 2016-03-26 2016-03-27 2016-03-28 2016-03-29 2016-03-30 2016-03-30 2016-03-4 2016-03-29 2016-03-29 2016-03-20 2	2016-03-12								
2016-03-15 2016-03-17 2016-03-18 2016-03-19 2016-03-20 2016-03-21 2016-03-22 2016-03-22 2016-03-23 2016-03-24 2016-03-25 2016-03-25 2016-03-26 2016-03-27 2016-03-27 2016-03-29 2016-03-30 2016-03-30 2016-03-30 2016-03-30 2016-03-30 2016-03-31 Minimum Maximum Maxi	2016-03-13								
2016-03-16	2016-03-14								
2016-03-18	2016-03-15								
2016-03-18	2016-03-16								
2016-03-20	2016-03-17								
2016-03-20 2016-03-22 2016-03-23 2016-03-24 2016-03-25 2016-03-26 2016-03-27 2016-03-28 2016-03-29 2016-03-29 2016-03-30 2016-03-31 Minimum Maximum Average Count Count Count I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted information is true, accurate and complete. I am aware that there are are significant penalties for submitting false information, including the possibility of fine and imprisonment. Signature of Responsible Official or Authorized Representative Submission Date/Time Signature of Responsible Official or Authorized Representative Submission Date/Time 2016-04-19 18:04	2016-03-18								
2016-03-22 2016-03-23 2016-03-24 2016-03-25 2016-03-26 2016-03-27 2016-03-28 2016-03-29 2016-03-29 2016-03-30 2016-03-31 Minimum Maximum Average Count Average Count Count Count Count Thomas Madej Thomas Madej Thomas Madei Thomas Mad	2016-03-19								
2016-03-23 2016-03-24 2016-03-25 2016-03-26 2016-03-27 2016-03-28 2016-03-29 2016-03-30 2016-03-31 Minimum Maximum Maximum Maximum Maximum Average Count Co	2016-03-20								
2016-03-24 2016-03-25 2016-03-26 2016-03-27 2016-03-28 2016-03-29 2016-03-30 2016-03-31 Minimum Maximum Average Count Thomas Madej	2016-03-21								
2016-03-24 2016-03-25 2016-03-26 2016-03-27 2016-03-28 2016-03-30 2016-03-30 2016-03-31 Minimum Maximum Average Count Average Count Thomas Madej Certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those undividuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Signature of Responsible Official or Authorized Representative Submission Date/Time 2016-04- 19 18:04	2016-03-22								
2016-03-25 2016-03-26 2016-03-27 2016-03-28 2016-03-29 2016-03-30 2016-03-31 Minimum Maximum Average Count Vame of Responsible Official r Authorized Representative Thomas Madej Thomas Madej	2016-03-23								
2016-03-26 2016-03-28 2016-03-29 2016-03-30 2016-03-31 Minimum Maximum Average Count Vame of Responsible Official r Authorized Representative Thomas Madej Thomas Madej Thomas Madej Thomas Madej Thomas Madej Authorized Representative Thomas Madej	2016-03-24								
2016-03-28 2016-03-29 2016-03-30 2016-03-31 Minimum Maximum Average Count Name of Responsible Official r Authorized Representative Thomas Madej Thomas Madej Thomas Madej Thomas Madej Authorized Representative Thomas Madej Tho	2016-03-25								
2016-03-29 2016-03-30 2016-03-31 Minimum Maximum Average Count Thomas Madej Thomas Ma	2016-03-26								
2016-03-29 2016-03-30 2016-03-31 Minimum Maximum Average Count Thomas Madej Thomas Madej Thomas Madej Contable	2016-03-27								
2016-03-30 Minimum Maximum Average Count Name of Responsible Official r Authorized Representative Thomas Madej Thomas Madej Thomas Madej Thomas Madej Minimum Average Count I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Signature of Responsible Official or Authorized Representative Submission Date/Time 2016-04- 19 18:04	2016-03-28								
2016-03-31 Minimum Maximum Average Count Name of Responsible Official r Authorized Representative Thomas Madej Thomas Mad	2016-03-29								
Minimum Average Count Name of Responsible Official r Authorized Representative Thomas Madej Thom	2016-03-30								
Maximum Average Count I certify under the penalty of law that I have personally examined and am familiar Authorized Representative Thomas Madej Thom	2016-03-31								
Average Count I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Signature of Responsible Official or Authorized Representative Submission Date/Time 2016-04- 19 18:04									
Count Name of Responsible Official r Authorized Representative Thomas Madej Thomas Ma			-		-				
Name of Responsible Official r Authorized Representative Thomas Madej T			 	-	 				
Thomas Madej Th		I Tagetify yedge the no	malter of largethat I have a	and and and and and	l om familian	Si	nature of Responsible	Official or Authorized	Submission
significant penalties for submitting false information, including the possibility of fine and imprisonment.	or Authorized Representativ	sed on my inquiry of the ning the information, I to emplete. I am aware that	believe the there are	~~			Date/Time		
	Thomas Madej	significant penalties	for submitting false infor	rmation, including the po	ossibility of				19 18:04

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

040 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 Mark Citriglia Mark Citriglia COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE 2016-03-01	Grab	Grab	Grab	Grab	Grab	Total 1	24hr Total 3.9432
						1	3.9432
2016-03-02							
2016-03-03							
2016-03-04							
2016-03-05							
2016-03-06							
2016-03-07							
2016-03-08							
2016-03-09							
2016-03-10	103.5	1.097	4.493	0.741	0.608	1	6.9579
2016-03-11							0.5844
2016-03-12							
2016-03-13						1	3.2180
2016-03-14						1	10.4461
2016-03-15							1.2447
2016-03-16						1	0.3867
2016-03-17							
2016-03-18							
2016-03-19							
2016-03-20							
2016-03-21							
2016-03-22							
2016-03-23							
2016-03-24						1	1.2585
2016-03-25						1	1.2363
2016-03-26				-			
2016-03-27		<u> </u>		-			
2016-03-27						1	3,9423
						1	
2016-03-29						1	0.0018
2016-03-30		-					
2016-03-31						1	0.3212
Minimum	103.5	1.097	4.493	0.741	0.608	1.0	0.0018
Maximum	103.5	1.097	4.493	0.741	0.608	1.0	10.4461
Average Count	103.5	1.097	4.493	0.741	0.608	9	2.9368 11
Name of Responsible Officia	, ,	•			gnature of Responsible		
r Authorized Representativ Thomas Madej	with the information individuals immediat submitted informatio	nalty of law that I have p submitted herein and bas tely responsible for obtain in is true, accurate and co	sed on my inquiry of the ning the information, I b implete. I am aware that	believe the	Represen		2016-04
i nomas Madej	significant penalties fine and imprisonment	for submitting false infor nt.	mation, including the p	ossibility of		Page 4	19 18:0

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

040 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 Mark Citriglia Mark Citriglia COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day	<u> </u>	T	1		Γ	1	Ι	
PARAMETER CODE	80082								
UNITS	mg/l					ļ			
FREQUENCY SAMPLING TYPE	When Disch. Grab								
2016-03-01	<u> </u>					ĺ			
2016-03-02									
2016-03-03									
2016-03-04									
2016-03-05									
2016-03-06									
2016-03-07									
2016-03-08									
2016-03-09									
2016-03-10	13.7								
2016-03-11									
2016-03-12									
2016-03-13									
2016-03-14									
2016-03-15									
2016-03-16									
2016-03-17									
2016-03-18									
2016-03-19									
2016-03-20									
2016-03-21									
2016-03-22									
2016-03-23									
2016-03-24									
2016-03-25									
2016-03-26									
2016-03-27									
2016-03-28									
2016-03-29									
2016-03-30									
2016-03-31									
Minimum	13.7								
Maximum Average	13.7 13.7					 		 	
Count	13.7					 		 	
Name of Responsible Officia		alty of law that The	organally ari	l om for-:1:-	Si	I gnature of Responsible	Official or Authorized	d I	Submission
or Authorized Representative Thomas Madej	with the information s individuals immediate submitted information significant penalties f	nalty of law that I have p submitted herein and basely responsible for obtain is true, accurate and coor submitting false infor	sed on my inquiry of tho ning the information, I b omplete. I am aware that	se believe the there are		Represe			2016-04- 19 18:04
fine and imprisonment. Page 55									

SUBMISSION ID: 573143 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: 044 LOCATION: 2016-03-01 To: 2016-03-31

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: NEDO

DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

	Overflow	T	T	ī		<u> </u>	<u> </u>		
PARAMETER	Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-03-01									
2016-03-02									
2016-03-03									
2016-03-04									
2016-03-05									
2016-03-06									
2016-03-07									
2016-03-08									
2016-03-09									
2016-03-10									
2016-03-11									
2016-03-12									
2016-03-13									
2016-03-14									
2016-03-15									
2016-03-16									
2016-03-17									
2016-03-18									
2016-03-19									
2016-03-20									
2016-03-21									
2016-03-22									
2016-03-23									
2016-03-24									
2016-03-25									
2016-03-26			i						
2016-03-27		<u> </u>							
2016-03-28									
2016-03-29		1							
2016-03-30		1	i						
2016-03-31									
Minimum									
Maximum									
Average		-							
Count Name of Responsible Official	L	<u>.</u>			C;	mature of Posponsible	Official or Authorized	1	Submission
or Authorized Representative Thomas Madej	with the information individuals immedia submitted informatio	enalty of law that I have p submitted herein and ba- tely responsible for obtai on is true, accurate and co for submitting false infor-	sed on my inquiry of the ning the information, I l omplete. I am aware that	ose believe the there are	- 51	Represe		-	2016-04- 19 18:04
	The and imprisonine				l		Page 66		

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

045 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 COUNTY:

NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow	Overflow Volume	Ī	Π					
	Occurrence	Į							
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons		 					
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-03-01		<u> </u>							
2016-03-02									
2016-03-03									
2016-03-04									
2016-03-05									
2016-03-06									
2016-03-07									
2016-03-08									
2016-03-09									
2016-03-10									
2016-03-11		1							
2016-03-12		1							
2016-03-13		1							
2016-03-14									
2016-03-15									
2016-03-16		1							
2016-03-17		1							
2016-03-18		 							
2016-03-19									
2016-03-20		†							
2016-03-21		 							
2016-03-22		+							
2016-03-23		 							
2016-03-24									
2016-03-25		 	<u> </u>						
2016-03-26		 		-					
2016-03-27		1		 					
2016-03-27				\vdash					
2016-03-29		+		\vdash					
		+		\vdash					
2016-03-30		+	-						
2016-03-31 Minimum		-							
Minimum Maximum		+		 					
Average		1	i e						
Count									
Name of Responsible Official or Authorized Representative	Name of Responsible Official or Authorized Representative I certify under the penalty of law that I have personally examined and am familia with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the						Official or Authorized ntative		ibmission ate/Time
Thomas Madej	submitted information	on is true, accurate and co for submitting false info	omplete. I am aware that	there are					2016-04- 19 18:04
	•				•		Page 77	.	

SUBMISSION ID: STATUS: 573143 Original

3PA00002*HD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

956 2016-03-01 To: 2016-03-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER CODE UNITS	Occurrence 74062 No./Month When Disch. Total 1	74063 Million Gallons When Disch. 24hr Total 0.8066					
UNITS FREQUENCY SAMPLING TYPE 2016-03-01 2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-16	No./Month When Disch. Total 1	Million Gallons When Disch. 24hr Total					
FREQUENCY SAMPLING TYPE 2016-03-01 2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-16	When Disch. Total 1	When Disch. 24hr Total					
2016-03-01 2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-09 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-16	1						
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2016-03-03 2016-03-04 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-09 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-16	1						
2016-03-04 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-09 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-16	1						
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2016-03-11 2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-16	1						
2016-03-12 2016-03-13 2016-03-14 2016-03-15 2016-03-16		2.3594					
2016-03-13 2016-03-14 2016-03-15 2016-03-16		0.0128					
2016-03-14 2016-03-15 2016-03-16							
2016-03-15 2016-03-16	1	1.4406					
2016-03-16	1	3.0030					
2016-03-16		0.1149					
	1	0.0675					
2016-03-18							
2016-03-19							
2016-03-20							
2016-03-21						 	
2016-03-22							
2016-03-23							
2016-03-24	1	0.8899					
2016-03-25	1	0.0077					
2016-03-26							
2016-03-27							
2016-03-28	1	1.6662				+	
2016-03-29	1	1.0002		+	+	+	
				+	+	+	
2016-03-30		0.000				+	
2016-03-31	1	0.0296		-		 	
Minimum Maximum	1.0	0.0128 3.003		+			
Average	1.0	1.03905		+		+	
Count	8	1.03903		+		 	
Name of Responsible Official or Authorized Representative with	ertify under the penals th the information s	alty of law that I have p ubmitted herein and bas ly responsible for obtain	ed on my inquiry of th	nose		e Official or Authorized entative	Submission Date/Time
Thomas Madej subn sign fine	ividuals immediate	is true, accurate and co		_ J C UIC			

SUBMISSION ID: STATUS: 573143 Original

3PA00002*HD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

058 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

Deliant FORE CODE EVENT Sea As Montant Million Collabor Sea As Market S	PARAMETER	Overflow	Overflow Volume	Ī		1		
UNITS		Occurrence						
FEGUENCY When Disch. SAMPLING TYPE Total 24F Total 2016-03-01 1 0.0423				ļ				
SAMPLING TYPE								
2016-03-02 2016-03-03 2016-03-05 2016-03-06 2016-03-08 2016-03-09 2016-03-10 1 0.0643 2016-03-12 2016-03-12 2016-03-13 1 0.0703 2016-03-15 2016-03-20 2016-03-30 2016-03-20 2016-03-30 2016-03-20 2016-03-30 2016	SAMPLING TYPE		24hr Total					
2016-03-03 2016-03-05 2016-03-06 2016-03-07 2016-03-09 2016-03-10 2016-03-10 2016-03-11 2016-03-12 2016-03-13 1 0.0703 2016-03-14 1 0.0300 2016-03-15 2016-03-15 2016-03-15 2016-03-16 2016-03-17 2016-03-18 2016-03-19 2016-03-21 2016-03-22 2016-03-23 2016-03-22 2016-03-22 2016-03-23 2016-03-25 2016-03-25 2016-03-25 2016-03-25 2016-03-26 2016-03-27 2016-03-29 2016-03-30 2016-03-30 2016-03-30 2016-03-30 2016-03-29 2016-03-30 2016	2016-03-01	1	0.0423					
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2016-03-10	2016-03-08							
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2016-03-14	2016-03-12							
2016-03-15 2016-03-16 2016-03-17 2016-03-18 2016-03-19 2016-03-20 2016-03-21 2016-03-22 2016-03-23 2016-03-23 2016-03-25 2016-03-25 2016-03-25 2016-03-25 2016-03-26 2016-03-27 2016-03-28 1 0.0375 2016-03-29 2016-03-29 2016-03-30 2016-03-29 2016-03-30 2016-03-29 2016-03-30 2016-03-29 2016-03-30 2016-03-29 2016-03-30 2016-03-26 20	2016-03-13	1	0.0703					
2016-03-16	2016-03-14	1	0.0300					
2016-03-16	2016-03-15							
2016-03-17 2016-03-18 2016-03-19 2016-03-20 2016-03-21 2016-03-22 2016-03-23 2016-03-24 1 0.0133 2016-03-25 2016-03-25 2016-03-26 2016-03-27 2016-03-27 2016-03-28 1 0.0375 2016-03-30 2016-03-30 2016-03-31 Minimum 1.0 0.0133 Maximum 1.0 0.0703 Average 1 0.04295 Count 6 6 6 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those middividuals immediately responsible for obtaining the information, believe the submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted information is true, accurate and complete. I am aware that there are submitted informati	2016-03-16							
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2016-03-24					 			
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2016-03-26			0.0133					
2016-03-27 2016-03-28 1 0.0375 2016-03-29 2016-03-30 2016-03-31 Minimum 1.0 0.0133 Maximum 1.0 0.0703 Average 1 0.04295 Count 6 6 6 Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Signature of Responsible Official or Authorized submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 1918								
2016-03-28			1					
2016-03-29		1	0.0375					
2016-03-30 Minimum 1.0 0.0133 Maximum 1.0 0.0703 Average 1 0.04295 Count 6 6 6 Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Thomas Madej Thomas Madej Thomas Madej Thomas Madej		1	0.0373	-	 			
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Maximum 1.0 0.0703 Average 1 0.04295 Count 6 6 6 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 1918		1.0	0.0122		-			
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Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 1918				 				
Thomas Madej submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 19 18	Name of Responsible Officia	I certify under the p	enalty of law that I have p	sed on my inquiry of the	ose	Sig		Submission Date/Time
fine and imprisonment. Page 99	Thomas Madej	submitted informati- significant penalties	on is true, accurate and co for submitting false info	omplete. I am aware that	t there are			2016-04- 19 18:04

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: 059 LOCATION: 2016-03-01 To: 2016-03-31

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow	Overflow Volume	I	Ι		1			
	Occurrence	Į							
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-03-01									
2016-03-02		<u> </u>							
2016-03-03		<u> </u>							
2016-03-04									
2016-03-05									
2016-03-06									
2016-03-07									
2016-03-08									
2016-03-09									
2016-03-10									
2016-03-11			ĺ						
2016-03-12		1							
2016-03-13		1							
2016-03-14									
2016-03-15									
2016-03-16		1							
2016-03-17		1							
2016-03-18		1							
2016-03-19									
2016-03-20		1							
2016-03-21		 							
2016-03-22		 							
2016-03-23		 							
2016-03-24		+							
2016-03-25									
2016-03-26									
2016-03-27		+		_					
2016-03-28									
2016-03-29				 					
2016-03-29				 					
		1		 					
2016-03-31 Minimum		 							
Maximum		†		 					
Average		i .	<u> </u>			<u> </u>			
Count									
Name of Responsible Official or Authorized Representative	with the information	enalty of law that I have p submitted herein and ba- tely responsible for obtai	sed on my inquiry of the ning the information, I	ose believe the	Si	gnature of Responsible Represe	Official or Authorized ntative		Submission Date/Time
Thomas Madej	submitted information	on is true, accurate and co for submitting false info	omplete. I am aware that	there are					2016-04- 19 18:04
							Page 10	10	

SUBMISSION ID: 573143 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION: 069 2016-03-01 To: 2016-03-31

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

	Overflow	Г	1	1		<u> </u>			
PARAMETER	Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.		 					
SAMPLING TYPE	Total	24hr Total							
2016-03-01									
2016-03-02									
2016-03-03									
2016-03-04									
2016-03-05									
2016-03-06									
2016-03-07									
2016-03-08									
2016-03-09									
2016-03-10									
2016-03-11									
2016-03-12									
2016-03-13									
2016-03-14									
2016-03-15									
2016-03-16									
2016-03-17									
2016-03-18									
2016-03-19									
2016-03-20									
2016-03-21									
2016-03-22									
2016-03-23									
2016-03-24									
2016-03-25									
2016-03-26									
2016-03-27									
2016-03-28									
2016-03-29									
2016-03-30									
2016-03-31									
Minimum									
Maximum									
Average		 		-					
Count Name of Perpansible Official		<u> </u>	<u>.</u>		C:	moture of Persons't-1-	Official or Authorized		Submission
Name of Responsible Official or Authorized Representative		nalty of law that I have p submitted herein and bas	personally examined and sed on my inquiry of the	l am familiar ose	51	gnature of Responsible Represe			Date/Time
Thomas Madej	individuals immediate submitted information	tely responsible for obtai on is true, accurate and co for submitting false info	ning the information, I to implete. I am aware that	believe the there are					2016-04- 19 18:04
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SUBMISSION ID: STATUS: 573143 Original

3PA00002*HD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

972 2016-03-01 To: 2016-03-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

rence 62 7 onth Millio Disch. Whe al 24h	ow Volume 74063 on Gallons en Disch. hr Total 0.0673							
onth Millio Disch. Whe al 24h	on Gallons en Disch. hr Total							
Disch. Whe al 24h	en Disch. hr Total							
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	0	0 0.0673 0.05285 2 2 det the penalty of law that I have personal the penalty of law that I have personal the penalty of law that I have personal the penalty of law that I have personal the penalty of law that I have personal the penalty of law that I have personal the penalty of law that I have personal the penalty of law that I have personal the penalty of law that I have personal the penalty of law that I have personal the penalty of law that I have personal the penalty of law that I have personal the penalty of law that I have 0 0.0673 0.05285 2 2	0 0.0673 0.05285 2 2 deter the penalty of law that I have personally examined and am familiar	0 0.0673 0.05285 2 der the penalty of law that I have personally examined and am familiar Signature 1 of 1 of 1 of 1 of 1 of 1 of 1 of 1 o	0 0.0673 0.05285 2 2 Signature of Responsible	0 0.0673 0.05285 2 deter the penalty of law that I have personally examined and am familiar formation submitted herein and based on my inquiry of those simmediately responsible for obtaining the information. I believe the	0 0.0673 0.05285 2 deter the penalty of law that I have personally examined and am familiar formation submitted herein and based on my inquiry of those Signature of Responsible Official or Authorized Representative	

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

080 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 Mark Citriglia Mark Citriglia COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630	00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-03-01	Grab	Grab	Grab	Grab	Grab	Total 1	24hr Total 0.0959
						1	0.0959
2016-03-02							
2016-03-03							
2016-03-04							
2016-03-05							
2016-03-06							
2016-03-07							
2016-03-08							
2016-03-09							
2016-03-10	286	3.215	13.7	0.634	1.942	1	0.3767
2016-03-11							
2016-03-12		1					
2016-03-13						1	0.8572
2016-03-14						1	2.355
2016-03-15							
2016-03-16						1	0.1308
2016-03-17						-	0.1300
2016-03-18							
2016-03-19							
	-	-					
2016-03-20	-						
2016-03-21							
2016-03-22							
2016-03-23							
2016-03-24						1	0.7739
2016-03-25							
2016-03-26							
2016-03-27							
2016-03-28						1	2.6373
2016-03-29							
2016-03-30							
2016-03-31							
Minimum	286.0	3.215	13.7	0.634	1.942	1.0	0.0959
Maximum	286.0	3.215	13.7	0.634	1.942	1.0	2.6373
Average	286	3.215	13.7	0.634	1.942	1	1.0324
Count	1	1	1	1	1	7	7
Tame of Responsible Officia r Authorized Representativ	with the information	nalty of law that I have p submitted herein and basely responsible for obtain n is true, accurate and co	sed on my inquiry of the ning the information, I b	ose believe the	gnature of Responsible Represen		Submission Date/Tim
Thomas Madej	significant penalties fine and imprisonmen	for submitting false infor	mation, including the p	ossibility of		Page 1	19 18:0-

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

080 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 Mark Citriglia Mark Citriglia COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day		1			1			
PARAMETER CODE	80082								
UNITS	mg/l								
FREQUENCY SAMPLING TYPE	When Disch. Grab								
2016-03-01	Giab					1			
2016-03-02									
2016-03-03									
	-								
2016-03-04									
2016-03-05									
2016-03-06									
2016-03-07									
2016-03-08									
2016-03-09									
2016-03-10	66.7								
2016-03-11									
2016-03-12									
2016-03-13									
2016-03-14									
2016-03-15									
2016-03-16									
2016-03-17									
2016-03-18									
2016-03-19									
2016-03-20									
2016-03-21									
2016-03-22									
2016-03-23									
2016-03-24									
2016-03-25									
2016-03-26									
2016-03-27									
2016-03-28			-	 		-			
2016-03-29				-					
2016-03-30									
2016-03-31			ļ						
Minimum Maximum	66.7 66.7								
Average	66.7					1			
Count	1								
Name of Responsible Officia or Authorized Representativ	with the information	submitted herein and basely responsible for obtain	personally examined and sed on my inquiry of the ning the information, I b	se selieve the	Si	gnature of Responsible Represe	Official or Authorized ntative		nission e/Time
Thomas Madej	submitted information	n is true, accurate and co or submitting false infor	omplete. I am aware that rmation, including the po	there are					6-04- 18:04
	-						Page 14	1.4	

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

088 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

	Overflow Occurrence	<u> </u>	Γ	T	П		[
PARAMETER	per Year	Overflow Volume							
PARAMETER CODE	51709	74063							
UNITS FREQUENCY	No./Year When Disch.	Million Gallons When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-03-01									
2016-03-02									
2016-03-03									
2016-03-04									
2016-03-05									
2016-03-06									
2016-03-07									
2016-03-08									
2016-03-09									
2016-03-10	1	0.101							
2016-03-11									
2016-03-12									
2016-03-13	1	0.0909							
2016-03-14	1	0.1111							
2016-03-15									
2016-03-16	1	0.101							
2016-03-17									
2016-03-18									
2016-03-19									
2016-03-20									
2016-03-21									
2016-03-22									
2016-03-23									
2016-03-24	1	0.0808							
2016-03-25									
2016-03-26									
2016-03-27									
2016-03-28	1	0.101							
2016-03-29									
2016-03-30									
2016-03-31									
Minimum		0.0808							
Maximum		0.1111							
Average		0.09763							
Count	1	6	<u> </u>	<u> </u>	G:		Official and discontinuous		CL ' '
Name of Responsible Officia or Authorized Representativ Thomas Madej	with the information s individuals immediate submitted information	nalty of law that I have p submitted herein and basely responsible for obtain is true, accurate and coror submitting false inforture.	sed on my inquiry of the ning the information, I to emplete. I am aware that	ose believe the there are	Sign	nature of Responsible Represe	Official or Authorized ntative	1	Submission Date/Time 2016-04- 19 18:04
	Iprisonnici				l		Page 15	15	I

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

200 2016-03-01 To: 2016-03-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended	Nitrogen, Ammonia	Nitrogen Kjeldahl,	Nitrite Plus Ni	itrate,	Phosphorus, Total	Overflow	Overflow Volume
	Solids	(NH3)	Total	Total		(P)	Occurrence	
PARAMETER CODE UNITS	00530 mg/l	00610 mg/l	00625 mg/l	00630 mg/l	-	00665 mg/l	74062 No./Month	74063 Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disc	h.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab		Grab	Total	24hr Total
2016-03-01								
2016-03-02								
2016-03-03								
2016-03-04								
2016-03-05								
2016-03-06								
2016-03-07								
2016-03-08								
2016-03-09								
2016-03-10								
2016-03-11								
2016-03-12								
2016-03-13								
2016-03-14								
2016-03-15								
2016-03-16								
2016-03-17								
2016-03-18								
2016-03-19								
2016-03-20								
2016-03-21								
2016-03-22								
2016-03-23								
2016-03-24					_			
2016-03-25					_			
2016-03-26					_			
2016-03-27					_			
2016-03-28							1	1.8426
2016-03-29					\dashv	-		13.1-2
2016-03-30				 	\dashv			
2016-03-31		 			\dashv			
Minimum		-			-		1.0	1.8426
Maximum					$\neg \uparrow$		1.0	1.8426
Average							1	1.8426
Count							1	1
Name of Responsible Officia		nalty of law that I have p	ersonally examined and	l am familiar	Sign	nature of Responsible		
or Authorized Representativ Thomas Madej	with the information individuals immediat submitted informatio	submitted herein and basely responsible for obtain n is true, accurate and cofor submitting false infor	sed on my inquiry of the ning the information, I l implete. I am aware that	believe the there are		Represer		2016-04- 19 18:04
							Page	1616

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

200 2016-03-01 To: 2016-03-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day	ī	[1			
PARAMETER CODE	80082								
UNITS	mg/l								
FREQUENCY CAMPLING TYPE	When Disch.								
2016-03-01	Grab	1	<u> </u>	-					
2016-03-02									
2016-03-03									
2016-03-04		1							
		-							
2016-03-05									
2016-03-06									
2016-03-07									
2016-03-08									
2016-03-09									
2016-03-10									
2016-03-11									
2016-03-12									
2016-03-13									
2016-03-14									
2016-03-15									
2016-03-16									
2016-03-17									
2016-03-18									
2016-03-19									
2016-03-20									
2016-03-21									
2016-03-22									
2016-03-23									
2016-03-24									
2016-03-25									
2016-03-26		1							
2016-03-27		1							
2016-03-28				 					
2016-03-29		 	 	-					
2016-03-30	<u> </u>								
2016-03-31		 							
Minimum	<u></u>	 	<u> </u>						
Maximum				 					
Average		<u></u>							
Count									
Name of Responsible Officia or Authorized Representativ	I certify under the pe	nalty of law that I have p	personally examined and	l am familiar	Si	gnature of Responsible	Official or Authorized		
Thomas Madej	individuals immediat	submitted herein and ba- tely responsible for obtai on is true, accurate and co- for submitting false infor nt.	ning the information, I b	elieve the		Represe		2016- 19 18	-04-
							Page 17	17	

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

202 2016-03-01 To: 2016-03-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended	Nitrogen, Ammonia	Nitrogen Kjeldahl,	Nitrite Plus Nitra		Overflow	Overflow Volume
PARAMETER CODE	Solids 00530	(NH3) 00610	Total 00625	Total 00630	(P) 00665	Occurrence 74062	74063
UNITS UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-03-01							
2016-03-02							
2016-03-03							
2016-03-04							
2016-03-05							
2016-03-06							
2016-03-07							
2016-03-08							
2016-03-09							
2016-03-10							
2016-03-11							
2016-03-12							
2016-03-13							
2016-03-14						1	0.0897
2016-03-15							1
2016-03-16						1	0.0503
2016-03-17							
2016-03-18							
2016-03-19							
2016-03-20							
2016-03-21							
2016-03-22							
2016-03-23							
2016-03-24							
2016-03-25							
2016-03-26							
2016-03-27							
2016-03-28						1	0.2759
2016-03-29							
2016-03-30							
2016-03-31					1		
Minimum						1.0	0.0503
Maximum						1.0	0.2759
Average		ļ				1	0.13863
Count]	<u> </u>	<u> </u>	3	3
Name of Responsible Official or Authorized Representative	r certify under the per	nalty of law that I have p			Signature of Responsible Represer		ted Submission Date/Time
Thomas Madej	individuals immediat submitted information	submitted herein and bas ely responsible for obtain n is true, accurate and co for submitting false infor nt.	ning the information, I b implete. I am aware that	believe the there are	Represen	Page	2016-04- 19 18:04

SUBMISSION ID: STATUS: 573143 Original

3PA00002*HD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

202 2016-03-01 To: 2016-03-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2016-03-01 2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06 2016-03-07	CBOD 5 day 80082 mg/l When Disch. Grab						
UNITS FREQUENCY SAMPLING TYPE 2016-03-01 2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06	mg/l When Disch.						
2016-03-01 2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06							
2016-03-01 2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06	Grab						
2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06							
2016-03-03 2016-03-04 2016-03-05 2016-03-06							
2016-03-04 2016-03-05 2016-03-06					+	 	
2016-03-05 2016-03-06							
2016-03-06						├	
_							
2016-03-07							
2016-03-08							
2016-03-09							
2016-03-10							
2016-03-11							
2016-03-12							
2016-03-13							
2016-03-14							
2016-03-15							
2016-03-16							
2016-03-17							
2016-03-18							
2016-03-19							
2016-03-20							
2016-03-21						1	
2016-03-22							
2016-03-23							
2016-03-24							
2016-03-25							
2016-03-26							
2016-03-27						 	
2016-03-28				 	- 	 	
2016-03-29				 	- 	 	
2016-03-30				 		 	
2016-03-31						 	
Minimum					_	 	
Maximum					1	 	
Average							
Count							
Name of Responsible Official or Authorized Representative	I certify under the pen	nalty of law that I have p	ersonally examined and	l am familiar	Signature of Responsible Represe	e Official or Authorized	
ir Thomas Madej si	individuals immediate	submitted herein and basely responsible for obtain is true, accurate and cofor submitting false infornat.	ning the information, I b	believe the	Represe	Page 19	2016-04- 19 18:04

SUBMISSION ID: STATUS: 573143 Original

3PA00002*HD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

2016-03-01 To: 2016-03-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Total		Phosphorus, Total (P)	Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	00610	00625	00630		00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l		mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Di		When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	-	Grab	Total	24hr Total
2016-03-01		-						
		-						<u> </u>
2016-03-03		 			-			
2016-03-04		-			-			
2016-03-06								
2016-03-07								
2016-03-08								
2016-03-09								
2016-03-10					-			
2016-03-11		 			$\overline{}$			
2016-03-12		<u> </u>			+			1
2016-03-13								
2016-03-14							1	1.4235
2016-03-15								
2016-03-16								
2016-03-17								
2016-03-18		i						1
2016-03-19								
2016-03-20								
2016-03-21								
2016-03-22								
2016-03-23								
2016-03-24								
2016-03-25								
2016-03-26								
2016-03-27								
2016-03-28							1	1.918
2016-03-29								
2016-03-30								
2016-03-31								
Minimum							1.0	1.4235
Maximum		<u> </u>					1.0	1.918
Average		<u> </u>					1	1.67075
Count		L					2	2
Name of Responsible Officia or Authorized Representativ	r certify under the pe	nalty of law that I have p			Sign	ature of Responsible Represer	Official or Authorize	ed Submission Date/Time
Thomas Madej	individuals immediat submitted informatio	submitted herein and basely responsible for obtain is true, accurate and cofor submitting false infornt.	ning the information, I b implete. I am aware that	believe the there are		Treps (St.)		2016-04- 19 18:04

SUBMISSION ID: STATUS: 573143 Original

3PA00002*HD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

2016-03-01 To: 2016-03-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day	I				Ī			
PARAMETER CODE	80082								
UNITS	mg/l								
FREQUENCY SAMPLING TYPE	When Disch. Grab	<u> </u>							
2016-03-01	Giab								
2016-03-02									
2016-03-03									
2016-03-04									
2016-03-05									
2016-03-06									
2016-03-07									
2016-03-08									
2016-03-09									
2016-03-10									
2016-03-11									
2016-03-12									
2016-03-13									
2016-03-14									
2016-03-15									
2016-03-16									
2016-03-17									
2016-03-18									
2016-03-19									
2016-03-20									
2016-03-21									
2016-03-22									
2016-03-23									
2016-03-24									
2016-03-25									
2016-03-26									
2016-03-27									
2016-03-28									
2016-03-29									
2016-03-30									
2016-03-31									
Minimum									
Maximum									
Average Count		-				-		 	
Name of Responsible Officia	1			6 '1'	Si	I gnature of Responsible	Official or Authorized	d I	Submission
or Authorized Representative	with the information individuals immediate submitted information	nalty of law that I have p submitted herein and base ely responsible for obtain is true, accurate and co	sed on my inquiry of tho ning the information, I b emplete. I am aware that	se elieve the there are		Represe			Date/Time 2016-04-
Thomas wadej	significant penalties f fine and imprisonmer	or submitting false infor	mation, including the po	ossibility of			Page 21	21	19 18:04

SUBMISSION ID: 573143 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 211 2016-03-01 To: 2016-03-31 NEORSD NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

			NO DISCHARGE I					
PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total	<u> </u>		-			
2016-03-01	1	0.658						
2016-03-02	<u> </u>	0.030						
2016-03-03								
2016-03-04								
2016-03-05								
2016-03-06								
2016-03-07								
2016-03-08								
2016-03-09								
2016-03-10	1	2.114						
2016-03-11								
2016-03-12								
2016-03-13	1	0.784						
2016-03-14	1	1.428						
2016-03-15		0.224						
2016-03-16	1	0.224						
2016-03-17								
2016-03-18								
2016-03-19								
2016-03-20								
2016-03-21								
2016-03-22								
2016-03-23								
2016-03-24	1	0.56						
2016-03-25								
2016-03-26								
2016-03-27								
2016-03-28	1	1.05						
2016-03-29								
2016-03-30								
2016-03-31	1	0.028						
Minimum	1.0	0.028						
Maximum Average	1.0	2.114 0.78556	 		-			
Count	8	9	 		+			
Name of Responsible Officia	, 1		<u> </u>	c ···	Sim	nature of Responsible	Official or Authorized	l Submission
or Authorized Representativ Thomas Madej	with the information individuals immedia submitted information	submitted herein and bastely responsible for obtain on is true, accurate and confor submitting false infor	personally examined and a sed on my inquiry of those ning the information, I be complete. I am aware that the rmation, including the pos	e lieve the here are		Represe		Date/Time 2016-04- 19 18:04
	'						Page 22	22

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 218 2016-03-01 To: 2016-03-31 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia		Nitrite Plus Nitrate, Total		Overflow Occurrence	Overflow Volume
PARAMETER CODE	00530	(NH3) 00610	Total 00625	00630	(P) 00665	74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-03-01						1	0.0632
2016-03-02							
2016-03-03							
2016-03-04							
2016-03-05							
2016-03-06							
2016-03-07							
2016-03-08							
2016-03-09							
2016-03-10						1	0.1983
2016-03-11							
2016-03-12							
2016-03-13						1	0.0273
2016-03-14						1	0.3833
2016-03-15							
2016-03-16						1	0.0422
2016-03-17							
2016-03-18							
2016-03-19		i					1
2016-03-20							
2016-03-21							
2016-03-22							
2016-03-23							
2016-03-24						1	0.0812
2016-03-25							
2016-03-26							
2016-03-27							
2016-03-28						1	0.5172
2016-03-29							
2016-03-30							
2016-03-31							
Minimum						1.0	0.0273
Maximum						1.0	0.5172
Average						1	0.18753
Count				<u> </u>		7	7
Name of Responsible Officia or Authorized Representativ		nalty of law that I have p	ersonally examined and		ignature of Responsible Represei		ted Submission Date/Time
Thomas Madej	individuals immediat submitted informatio	submitted herein and basely responsible for obtain n is true, accurate and cofor submitting false infor nt.	ning the information, I b implete. I am aware that	believe the there are	Represer	maire	2016-04- 19 18:04
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SUBMISSION ID: STATUS: 573143 Original

3PA00002*HD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 218 2016-03-01 To: 2016-03-31 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day	Г	1			T	<u> </u>		
PARAMETER CODE	80082	 							
UNITS	mg/l								
FREQUENCY	When Disch.								
SAMPLING TYPE	Grab	 							
2016-03-01									
2016-03-02		-							
2016-03-03									
2016-03-04									
2016-03-05									
2016-03-06									
2016-03-07									
2016-03-08									
2016-03-09									
2016-03-10									
2016-03-11									
2016-03-12									
2016-03-13									
2016-03-14									
2016-03-15									
2016-03-16									
2016-03-17									
2016-03-18									
2016-03-19		<u> </u>							
2016-03-20									
2016-03-21									
2016-03-22									
2016-03-23									
2016-03-24		-							
		-							
2016-03-25		-							
2016-03-26		-							
2016-03-27		ļ							
2016-03-28						ļ			
2016-03-29									
2016-03-30									
2016-03-31									
Minimum									
Maximum Average		1							
Count									
Name of Responsible Officia or Authorized Representative	I certify under the pe	nalty of law that I have p	personally examined and	am familiar	Si	gnature of Responsible			bmission
or Authorized Representative Thomas Madej	individuals immediat	submitted herein and ba- tely responsible for obtain in is true, accurate and co- for submitting false infor	sed on my inquiry of the ning the information, I to complete. Lam aware that	se believe the		Represe	ntative	2	2016-04- 9 18:04
·						Page 2424			

SUBMISSION ID: 573143 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

31 A00002 11D 232 2016-03-01 To: 2016-03-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume					
PARAMETER CODE	per Year 51709	74063					
UNITS	No./Year	Million Gallons					
FREQUENCY	When Disch.	When Disch.					
2016-03-01	Total Estimate AH	Total Estimate AH					
2016-03-02	AH	AH				+	
2016-03-02	AH	AH					
2016-03-04	AH	AH					
2016-03-05	AH	AH					
2016-03-06	AH	AH					
2016-03-07	AH	AH					
2016-03-08	AH	AH					
2016-03-09	AH	AH					
2016-03-10	AH	AH					
2016-03-11	AH	AH					
2016-03-12	AH	AH					
2016-03-13	AH	AH					
2016-03-14	АН	AH					
2016-03-15	АН	AH					
2016-03-16	АН	AH					
2016-03-17	АН	AH					
2016-03-18	АН	AH					
2016-03-19	АН	AH					
2016-03-20	AH	AH					
2016-03-21	АН	AH					
2016-03-22	АН	АН					
2016-03-23	АН	AH					
2016-03-24	АН	AH					
2016-03-25	АН	AH					
2016-03-26	АН	AH					
2016-03-27	АН	АН					
2016-03-28	АН	АН					
2016-03-29	АН	АН					
2016-03-30	АН	АН					
2016-03-31	АН	АН					
Minimum							
Maximum	ļ					-	
Average Count	 		 		- 	+	
Name of Responsible Officia	1	1. 61		,	Signature of Reconst	ble Official or Authorized	Submission
or Authorized Representativ		atty of law that I have pubmitted herein and base	personally examined and sed on my inquiry of tho	am tamiliar se		esentative	Date/Time
Thomas Madej	individuals immediate submitted information	ely responsible for obtain is true, accurate and co or submitting false infor	ning the information, I b omplete. I am aware that rmation, including the po	elieve the there are			2016-04- 19 18:04

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION: 239

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 Mark Citriglia Mark Citriglia COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended	Nitrogen, Ammonia	Nitrogen Kjeldahl,	Nitrite Plus Nitrate,	Phosphorus, Total	Overflow	Overflow Volume
PARAMETER CODE	Solids 00530	(NH3) 00610	Total 00625	Total 00630	(P) 00665	Occurrence 74062	74063
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	No./Month	Million Gallons
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-03-01						1	0.5515
2016-03-02							0.0436
2016-03-03							
2016-03-04							
2016-03-05							
2016-03-06							
2016-03-07							
2016-03-08							
2016-03-09							
2016-03-10	73	2.225	6.484	1.117	1.05	1	4.5491
2016-03-11							0.2929
2016-03-12							
2016-03-13						1	0.792
2016-03-14						1	3.0375
2016-03-15							1.3438
2016-03-16						1	0.0078
2016-03-17							
2016-03-18							
2016-03-19							
2016-03-20							
2016-03-21							
2016-03-22							
2016-03-23							
2016-03-24						1	0.7471
2016-03-25							0.4088
2016-03-26					 		
2016-03-27					 		†
2016-03-28					 	1	3.8103
2016-03-29				 	 	<u> </u>	2.0102
2016-03-30					 		
2016-03-31							
Minimum	73.0	2.225	6.484	1.117	1.05	1.0	0.0078
Maximum	73.0	2.225	6.484	1.117	1.05	1.0	4.5491
Average	73	2.225	6.484	1.117	1.05	1	1.41676
Count	1	1	1	1	1	7	11
Name of Responsible Officia or Authorized Representativ	r certify under the pe	nalty of law that I have p submitted herein and bas		i aiii iaiiiiiai	gnature of Responsible Represen		
Thomas Madej	individuals immediat submitted informatio	ely responsible for obtain n is true, accurate and co for submitting false infor	ning the information, I b implete. I am aware that	pelieve the there are	anga tota	Page 2	2016-04- 19 18:04

SUBMISSION ID: STATUS: 573143 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION: 239

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 Mark Citriglia Mark Citriglia COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 19 18:0	DADAMETED	CROD 5 days	ſ	ſ	1		ī	Г	
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2016-03-30 2016-03-31 Minimum 27.4 Maximum 27.4 Average 27.4 Count I Name of Responsible Official or Authorized Representative Thomas Madej Thom	2016-03-28								
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Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of	Average								
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individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 19 18:0-	Name of Responsible Officia	I certify under the pe	nalty of law that I have p	personally examined and	l am familiar	Si			Submission Dete/Time
Page 2727		individuals immediat	tely responsible for obtai on is true, accurate and co for submitting false infor	ning the information, I b	believe the		кергеѕе		2016-04- 19 18:04

SUBMISSION ID: STATUS: 573143 Original

3PA00002*HD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

242 2016-03-01 To: 2016-03-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume								
PARAMETER CODE	74062	74063								
UNITS	No./Month	Million Gallons								
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total								
2016-03-01	Total	24III Totai								
2016-03-02		 								
2016-03-03		 								
2016-03-04		 								
2016-03-05		 								
2016-03-06		+								
2016-03-07										
2016-03-08		 								
2016-03-09		1								
2016-03-10		1								
2016-03-11										
2016-03-12		1								
2016-03-13										
2016-03-14	1	0.3604								
2016-03-15										
2016-03-16										
2016-03-17										
2016-03-18		1								
2016-03-19		1								
2016-03-20		1								
2016-03-21		1								
2016-03-22										
2016-03-23										
2016-03-24										
2016-03-25										
2016-03-26										
2016-03-27										
2016-03-28	1	1.0605								
2016-03-29										
2016-03-30										
2016-03-31										
Minimum	1.0	0.3604								
Maximum	1.0	1.0605 0.71045								
Average Count	2	0.71043								
Name of Responsible Officia	I certify under the po	enalty of law that I have p	personally examined and	l am familiar	Si	gnature of Responsible		i	Submission	
or Authorized Representativ Thomas Madej	with the information individuals immedia submitted information	submitted herein and bas stely responsible for obtain on is true, accurate and con- for submitting false infor	sed on my inquiry of the ning the information, I to emplete. I am aware that	se believe the there are		Represe		20	2016-04- 19 18:04	
	Page 2828									

SUBMISSION ID: 573143 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION: 258 2016-03-01 To: 2016-03-31

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

	Overflow	T	1	1	-						
PARAMETER	Occurrence	Overflow Volume									
PARAMETER CODE	74062	74063									
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.									
SAMPLING TYPE	Total	24hr Total									
2016-03-01											
2016-03-02											
2016-03-03											
2016-03-04											
2016-03-05											
2016-03-06											
2016-03-07											
2016-03-08											
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2016-03-30											
2016-03-31											
Minimum											
Maximum		ļ									
Average		+	ļ	-	\longrightarrow						
Count Name of Responsible Official	 	1. (1			Sin	mature of Responsible	Official or Authorized		Submission		
or Authorized Representative		enalty of law that I have p submitted herein and base	personally examined and sed on my inquiry of the	l am familiar ose	Signature of Responsible Official or Authorized Representative				Date/Time		
Thomas Madej	individuals immedia submitted information	tely responsible for obtai on is true, accurate and co for submitting false infor	ning the information, I to implete. I am aware that	believe the there are					2016-04- 19 18:04		
	and improvement						Page 2929				

FACILITY: Northeast Ohio Regional SD 3826 Euclid Ave CLEVELAND, OH 44115 LOCATION:

 PERMIT NUMBER:
 3PA00002*HD

 MONITORING PERIOD:
 2016-03-01 To: 2016-03-31

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
232	Overflow Occurrence per Year	51709	2016-03- 01	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 02	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 03	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 04	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 05	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 06	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 07	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 08	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 09	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 10	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 11	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 12	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 13	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 14	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 15	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 16	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 17	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 18	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 19	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 20	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 21	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 22	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 23	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 24	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 25	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 26	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 27	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.

232	Overflow Occurrence per Year	51709	2016-03- 28	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 29	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 30	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-03- 31	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 01	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 02	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 03	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 04	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 05	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 06	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 07	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 08	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 09	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 10	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 11	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 12	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 13	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 14	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 15	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 16	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 17	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 18	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 19	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 20	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 21	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 22	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 23	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 24	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 25	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 26	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 27	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 28	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.

232	Overflow Volume	74063	2016-03- 29	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 30	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-03- 31	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

025 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-04-01 To: 2016-04-30 COUNTY:

NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow	Overflow Volume	Ī	Γ					
PARAMETER CODE	Occurrence 74062	74063							
UNITS	No./Month	Million Gallons							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total			\dashv				
2016-04-01		-							
2016-04-02		ļ							
2016-04-03									
2016-04-04									
2016-04-05									
2016-04-06									
2016-04-07									
2016-04-08									
2016-04-09									
2016-04-10									
2016-04-11									
2016-04-12									
2016-04-13									
2016-04-14									
2016-04-15									
2016-04-16									
2016-04-17									
2016-04-18									
2016-04-19									
2016-04-20									
2016-04-21									
2016-04-22									
2016-04-23									
2016-04-24									
2016-04-25									
2016-04-26									
2016-04-27									
2016-04-28									
2016-04-29									
2016-04-30									
Minimum									
Maximum					\Box				
Average Count		 		 	\dashv				
Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the					Sig	nature of Responsible Represe	Official or Authorized ntative		bmission nte/Time
Thomas Madej Thomas Madej									016-05- 7 16:05
	<u> </u>				.		Page 11	I	

SUBMISSION ID: STATUS: 579473 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

035 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-04-01 To: 2016-04-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow	Overflow Volume			I			
	Occurrence							
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons						
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-04-01								
2016-04-02								
2016-04-03								
2016-04-04								
2016-04-05								
2016-04-06								
2016-04-07								
2016-04-08								
2016-04-09								
2016-04-10								
2016-04-11								
2016-04-12								
2016-04-13								
2016-04-14								
2016-04-15								
2016-04-16								
2016-04-17								
2016-04-18								
2016-04-19								
2016-04-20								
2016-04-21								
2016-04-22								
2016-04-23								
2016-04-24								
2016-04-25								
2016-04-26	1	0.0026						
2016-04-27								
2016-04-28								
2016-04-29								
2016-04-30								
Minimum	1.0	0.0026						
Maximum Average	1.0	0.0026 0.0026						
Count	1	1			 }			
Name of Responsible Officia	•	,		c ···	Sin	nature of Pecnancible	Official or Authorized	Submission
or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are					Represe		Date/Time 2016-05-	
I nomas Madej significant penalties for submitting false information, including the possibility of fine and imprisonment.							Page 22	17 16:05

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION: 038 2016-04-01 To: 2016-04-30

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

DADAMETED	Overflow	Overflow Value	<u> </u>	l			Π		
PARAMETER CODE	Occurrence	Overflow Volume							
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons							
FREQUENCY	When Disch.	When Disch.							
2016-04-01	Total	24hr Total							
2016-04-02									
2016-04-03									
2016-04-04		-							
2016-04-05									
2016-04-06									
2016-04-07									
2016-04-08									
2016-04-09									
2016-04-10									
2016-04-11									
2016-04-12									
2016-04-13									
2016-04-14									
2016-04-15									
2016-04-16									
2016-04-17									
2016-04-18									
2016-04-19									
2016-04-20									
2016-04-21									
2016-04-22									
2016-04-23									
2016-04-24									
2016-04-25									
2016-04-26									
2016-04-27									
2016-04-28									
2016-04-29									
2016-04-30									
Minimum									
Maximum Average		-							
Count		<u> </u>							
Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the					Sig	gnature of Responsible Represe	Official or Authorized ntative		ubmission Date/Time
Thomas Madej Thomas Madej Thomas Madej Thomas Madej Submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.									2016-05- 17 16:05
1						Page 33			

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

040 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-04-01 To: 2016-04-30 NEORSD COUNTY: NEDO DISTRICT: ANALYST: Mark Citriglia

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended	Nitrogen, Ammonia				E. coli	Overflow Occurrence
PARAMETER CODE	Solids 00530	(NH3) 00610	Total 00625	Total 00630	(P) 00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.		When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-04-01							1
2016-04-02							1
2016-04-03							
2016-04-04							
2016-04-05		ļ					
2016-04-06							
2016-04-07							1
2016-04-08							
2016-04-09							
2016-04-10							1
2016-04-11	158					230775	
2016-04-12							
2016-04-13							
2016-04-14							
2016-04-15							
2016-04-16							
2016-04-17							
2016-04-18							
2016-04-19							
2016-04-20							
2016-04-21							
2016-04-22							
2016-04-23							
2016-04-24							
2016-04-25							
2016-04-26							1
2016-04-27							
2016-04-28							
2016-04-29							
2016-04-30							1
Minimum	158.0					230775.0	1.0
Maximum	158.0					230775.0	1.0
Average Count	158 1			 		230775	6
Name of Responsible Officia		nolty of law that I harry	orconally avaminad	l am familian	Signature of Responsible		
or Authorized Representativ	e with the information	he information submitted herein and based on my inquiry of those Representative Da					Date/Time
Thomas Madej	submitted informatio	tely responsible for obtain in is true, accurate and co for submitting false infor int.	mplete. I am aware that	there are			
	* *					Page 44	

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

040 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-04-01 To: 2016-04-30 NEORSD COUNTY: NEDO DISTRICT: ANALYST: Mark Citriglia

NO DISCHARGE INDICATOR:

PARAMETER CODE	D. D. J. STOTE	I o a	GDOD 7.1				1		
UNITS	PARAMETER PARAMETER CODE	Overflow Volume	CBOD 5 day						
FEEQUENCY When Disch. Grab									
2016-04-01									
2016-04-02	SAMPLING TYPE	24hr Total	Grab						
2016-04-03 2016-04-05 2016-04-05 2016-04-06 2016-04-07 4.0563 2016-04-09 2019-04-10 2016-04-09 2019-04-10 2016-04-10 2016-04-11 11.091 12.6 2016-04-12 2016-04-13 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-19 2016-04-19 2016-04-20 201	2016-04-01	0.0595							
2016-04-04 2016-04-05 2016-04-06 2016-04-07 4.0563 2016-04-07 4.0563 2016-04-08 0.6238 2016-04-09 2.0795 2016-04-10 0.0735 2016-04-11 11.091 12.6 2016-04-12 0.3035 2016-04-13 2016-04-14 2016-04-15 2016-04-15 2016-04-15 2016-04-16 2016-04-16 2016-04-18 2016-04-19 2016-04-19 2016-04-20 2016-04-20 2016-04-20 2016-04-23 2016-04-23 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-26 2016-04-26 2016-04-26 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-28 2016-04-28 2016-04-28 2016-04-28 2016-04-29 2016-04-28 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-20	2016-04-02	0.4203							
2016-04-05 2016-04-07 4.0563 2016-04-09 2.0795 2016-04-09 2.0795 2016-04-10 0.0735 2016-04-11 11.691 12.6 2016-04-12 2016-04-13 2016-04-13 2016-04-15 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-18 2016-04-19 2016-04-19 2016-04-20 2016	2016-04-03	0.0003							
2016-04-06 2016-04-07 4.0563 2016-04-09 2.0795 2016-04-10 0.0735 2016-04-11 11.691 12.6 2016-04-12 2016-04-13 2016-04-13 2016-04-14 2016-04-15 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-19 2016-04-21 2016-04-21 2016-04-22 2016-04-23 2016-04-23 2016-04-25 2016-04-25 2016-04-25 2016-04-25 2016-04-27 2016-04-27 2016-04-28 2016-04-29	2016-04-04								
2016-04-07	2016-04-05								
2016-04-08 0.6238	2016-04-06								
2016-04-10	2016-04-07	4.0563							
2016-04-10	2016-04-08	0.6238							
2016-04-11	2016-04-09	2.0795							
2016-04-12 0.3035	2016-04-10	0.0735							
2016-04-13 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-21 2016-04-22 2016-04-23 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-28 2016-04-29 2016-04-30 21-575 Minimum 3.0E-4 11.69 11.69 12.6 Average 2.44786 12.6 Maximum 11.691 12.6 Average 2.44786 12.6 Maximum 11.691 12.6 Average 2.44786 12.6 Maximum 11.691 12.6 Average 2.44786 12.6 Maximum 11.691 12.6 Average 2.44786 12.6 Average 2.447	2016-04-11	11.691	12.6						
2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-30 2.1575 Milimum 3.0E-4 12.6 Maximum 11.691 12.6 Maximum 11.691 12.6 Maximum 11.691 12.6 Count 11 1 1 Name of Responsible Official or Authorized Summination or surve, accurate and complete. I are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Signature of Responsible Official or Authorized Number of Representative Summission Date/Time Signature of Responsible Official or Authorized Representative Number of Responsible Official or Authorized Representative Submission Date/Time 2016-05-17 16:05	2016-04-12	0.3035							
2016-04-15	2016-04-13								
2016-04-16	2016-04-14								
2016-04-17	2016-04-15								
2016-04-18	2016-04-16								
2016-04-20	2016-04-17								
2016-04-20	2016-04-18								
2016-04-21	2016-04-19								
2016-04-22	2016-04-20								
2016-04-23 2016-04-24 2016-04-25 2016-04-26 1.0613 2016-04-27 2016-04-28 2016-04-29 2016-04-29 2016-04-30 2.1575 2016-04-30 2.1575 2016-04-30 1.0613 2016-04-30 2.1575 2016-04-30 2	2016-04-21								
2016-04-24 2016-04-25 2016-04-26 1.0613 2016-04-27 2016-04-28 2016-04-29 2016-04-30 2.1575 Minimum 3.0E-4 11.691 12.6 Average 2.04786 12.6 Count 11 1 Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Thomas Madej Thomas Madej Thomas Madej Thomas Madej Thomas Madej Thomas Madej Thomas Madej	2016-04-22								
2016-04-25 2016-04-26 1.0613 2016-04-27 2016-04-28 2016-04-29 2016-04-30 2.1575 Minimum 3.0E-4 12.6 Maximum 11.691 12.6 Average 2.04786 12.6 Count 11 1 I certify under the penalty of law that I have personally examined and am familiar or Authorized Representative Thomas Madej Thomas Madej Signature of Responsible Official or Authorized Representative Signature of Responsible Official or Authorized Representative Submission Date/Time 2016-05- 17 16:05	2016-04-23								
2016-04-26 1.0613 2016-04-27 2016-04-28 2016-04-29 2016-04-30 2.1575 2016-04-30 2.1575 2016-04-30 1.0613 2016-04-30 2.1575 2016-04-30 2.15	2016-04-24								
2016-04-28 2016-04-29 2016-04-30 2.1575 Minimum 3.0E-4 12.6 Maximum 11.691 12.6 Average 2.04786 12.6 Count 11 Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Thomas Madej Submission Date/Time Signature of Responsible Official or Authorized with the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	2016-04-25								
2016-04-28 2016-04-29 2016-04-30 2.1575 Minimum 3.0E-4 11.691 12.6 Average 2.04786 12.6 Count 11 I Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Thomas Madej Thomas Madej Submission Date/Time Signature of Responsible Official or Authorized with the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	2016-04-26	1.0613							
2016-04-29 2016-04-30 2.1575 Minimum 3.0E-4 12.6 Maximum 11.691 12.6 Average 2.04786 12.6 Count 11 1 I certify under the penalty of law that I have personally examined and am familiar or Authorized Representative Thomas Madej Thomas Madej Thomas Madej Thomas Madej Submission of the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	2016-04-27								
Minimum 3.0E-4 12.6 Maximum 11.691 12.6 Average 2.04786 12.6 Count 11 1 1 Name of Responsible Official or Authorized Representative Thomas Madej I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	2016-04-28								
Minimum 3.0E-4 12.6 Maximum 11.691 12.6 Average 2.04786 12.6 Count 11 1 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	2016-04-29								
Maximum 11.691 12.6 Average 2.04786 12.6 Count 11 1 1 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	2016-04-30	2.1575							
Average 2.04786 12.6 Count 11 1 1 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.									
Name of Responsible Official or Authorized Representative I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.									
Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.		-							
or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	Name of Responsible Officia	I certify under the ner		personally examined and	am familiar	Signature of		l	Submission
D EE	or Authorized Representativ	with the information s individuals immediate submitted information significant penalties for	se elieve the there are						

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: 044 LOCATION: 2016-04-01 To: 2016-04-30

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER CODE	PARAMETER	Overflow	Overflow Volume	I	Γ		Π	
UNITS No. Month Million Gallons FREQUENCY When Disch. 2016-04-01 2016-04-02 2016-04-03 2016-04-04 2016-04-05 2016-04-06 2016-04-06 2016-04-07 2016-04-07 2016-04-10 2016-04-10 2016-04-10 2016-04-10 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-19 2016-04-19 2016-04-20 2016-04-20 2016-04-25 2016-04-25 2016-04-26 2016-04-26 2016-04-26 2016-04-26 2016-04-26 2016-04-27		Occurrence						
FREQUENCY								
2016-04-01 2016-04-03 2016-04-04 2016-04-05 2016-04-06 2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-16 2016-04-17 2016-04-18 2016-04-18 2016-04-19 2016-04-19 2016-04-19 2016-04-20 2016-04-21 2016-04-25 2016-04-26 2016-04-26 2016-04-26	FREQUENCY	When Disch.	When Disch.					
2016-04-02 2016-04-03 2016-04-05 2016-04-06 2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-20 2016-04-21 2016-04-23 2016-04-25 2016-04-26 2016-04-26 2016-04-26		Total	24hr Total					
2016-04-03 2016-04-04 2016-04-05 2016-04-06 2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-22 2016-04-23 2016-04-25 2016-04-26 2016-04-26 2016-04-26 2016-04-26 2016-04-26								
2016-04-04 2016-04-05 2016-04-06 2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-15 2016-04-18 2016-04-18 2016-04-19 2016-04-19 2016-04-20 2016-04-20 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27								
2016-04-05 2016-04-06 2016-04-07 2016-04-08 2016-04-10 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-18 2016-04-19 2016-04-19 2016-04-19 2016-04-20 2016-04-20 2016-04-22 2016-04-25 2016-04-25 2016-04-26 2016-04-26								
2016-04-06 2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-20 2016-04-21 2016-04-25 2016-04-26 2016-04-27	2016-04-04							
2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-19 2016-04-20 2016-04-21 2016-04-21 2016-04-25 2016-04-26 2016-04-26	2016-04-05							
2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-27	2016-04-06							
2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-25 2016-04-26 2016-04-27	2016-04-07							
2016-04-10 2016-04-12 2016-04-13 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-25 2016-04-26 2016-04-27	2016-04-08							
2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-26 2016-04-27	2016-04-09							
2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-27	2016-04-10							
2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-25 2016-04-26 2016-04-27	2016-04-11							
2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27	2016-04-12							
2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27	2016-04-13							
2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27	2016-04-14							
2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-20 2016-04-21 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-27	2016-04-15							
2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27	2016-04-16							
2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27	2016-04-17							
2016-04-20	2016-04-18							
2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27	2016-04-19							
2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27	2016-04-20							
2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27	2016-04-21							
2016-04-24 2016-04-25 2016-04-26 2016-04-27	2016-04-22							
2016-04-25 2016-04-26 2016-04-27	2016-04-23							
2016-04-26 2016-04-27	2016-04-24							
2016-04-27	2016-04-25							
	2016-04-26							
2016-04-28	2016-04-27			i				
	2016-04-28			ĺ				
2016-04-29	2016-04-29			ĺ				
2016-04-30	2016-04-30							
Minimum	Minimum							
Maximum Average								
Count								
rectary ander the penalty of law that I have personally examined and an infinited	Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those					Sig		Submission Date/Time
individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are		individuals immediate submitted information significant penalties f	ely responsible for obtain is true, accurate and co for submitting false infor	ning the information, I to emplete. I am aware that	elieve the there are			2016-05- 17 16:05

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

3826 Euclid Ave CLEVELAND, OH 44115 STATION CODE: MONITORING PERIOD: REPORTING LAB: 045 LOCATION: 2016-04-01 To: 2016-04-30

COUNTY: Cuyahoga NEDO

DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

D. D. L. FERRED	Overflow	I			1			
PARAMETER	Occurrence	Overflow Volume						
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons						
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-04-01								
2016-04-02								
2016-04-03								
2016-04-04								
2016-04-05								
2016-04-06								
2016-04-07								
2016-04-08								
2016-04-09								
2016-04-10								
2016-04-11								
2016-04-12								
2016-04-13								
2016-04-14								
2016-04-15								
2016-04-16								
2016-04-17								
2016-04-18								
2016-04-19								
2016-04-20								
2016-04-21								
2016-04-22								
2016-04-23								
2016-04-24								
2016-04-25								
2016-04-26								
2016-04-27								
2016-04-28								
2016-04-29								
2016-04-30								
Minimum								
Maximum								
Average Count		 						
Name of Responsible Officia	l r			6 '1'	Sic	nature of Resnonsible	Official or Authorized	Submission
or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are				518	Represe	ntative	Date/Time 2016-05-	
significant penalties for submitting false information, including the possibility of fine and imprisonment.							Page 77	17 16:05

SUBMISSION ID: STATUS: 579473 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

956 2016-04-01 To: 2016-04-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow	Overflow Volume						
	Occurrence							
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons			\rightarrow			
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-04-01								
2016-04-02								
2016-04-03								
2016-04-04		ļ						
2016-04-05								
2016-04-06								
2016-04-07	1	2.4529						
2016-04-08	1	0.0419						
2016-04-09		0.5246						
2016-04-10	1	0.0021						
2016-04-11		2.4848						
2016-04-12								
2016-04-13								
2016-04-14								
2016-04-15								
2016-04-16								
2016-04-17								
2016-04-18								
2016-04-19								
2016-04-20								
2016-04-21								
2016-04-22								
2016-04-23								
2016-04-24								
2016-04-25								
2016-04-26								
2016-04-27								
2016-04-28								
2016-04-29								
2016-04-30								
Minimum	1.0	0.0021						
Maximum	1.0	2.4848 1.10126			\longrightarrow			
Average Count	3	1.10126	 		+			
Name of Responsible Officia	: -	•			C:	noture of Passons!LI-	Official or Authorized	Submission
or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are				Sigi	Represe		Date/Time	
Thomas Madej Summics Information is due, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.							Page 88	17 16:05

SUBMISSION ID: STATUS: 579473 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

058 2016-04-01 To: 2016-04-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow	Overflow Volume	Γ				
PARAMETER CODE	Occurrence 74062	74063					
UNITS	No./Month	Million Gallons					
FREQUENCY	When Disch.	When Disch.					
SAMPLING TYPE	Total	24hr Total					
2016-04-01							
2016-04-02							
2016-04-03							
2016-04-04							
2016-04-05							
2016-04-06							
2016-04-07	1	0.0203					
2016-04-08							
2016-04-09							
2016-04-10							
2016-04-11	1	0.04					
2016-04-12							
2016-04-13							
2016-04-14							
2016-04-15							
2016-04-16							
2016-04-17							
2016-04-18							
2016-04-19							
2016-04-20							
2016-04-21							
2016-04-22							
2016-04-23							
2016-04-24							
2016-04-25							
2016-04-26	1	0.0228					
2016-04-27							
2016-04-28							
2016-04-29							
2016-04-30	1	0.027					
Minimum	1.0	0.0203					
Maximum	1.0	0.04					
Average	1 4	0.02753					
Count	: -	4			C:4 CD '''	Official 4 (1	[6.1 ***
Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are				the	Signature of Responsible Represe		Submission Date/Time
Thomas Madej Thomas Madej Significant penalties for submitting false information, including the possibility of fine and imprisonment.						Page 99	17 16:05

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: 059 LOCATION: 2016-04-01 To: 2016-04-30

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: NEDO

DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

D. D. J. SEETED	Overflow	I	I	Г	1				
PARAMETER	Occurrence	Overflow Volume		ļ					
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-04-01									
2016-04-02									
2016-04-03									
2016-04-04									
2016-04-05									
2016-04-06									
2016-04-07									
2016-04-08									
2016-04-09									
2016-04-10									
2016-04-11									
2016-04-12									
2016-04-13									
2016-04-14									
2016-04-15									
2016-04-16		1							
2016-04-17									
2016-04-18									
2016-04-19									
2016-04-20									
2016-04-21									
2016-04-22									
2016-04-23									
2016-04-24									
2016-04-25		1							
2016-04-26			ĺ						
2016-04-27		1	i						
2016-04-28		1							
2016-04-29									
2016-04-30									
Minimum									
Maximum									
Average Count		1	-	 					
Name of Responsible Officia	I Legify under the ne	enalty of law that I have p	nersonally examined and	l am familiar	Sis	gnature of Responsible	Official or Authorized	Subi	mission
or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.					Represe		201 17	16-05- 16:05	
•							Page 10	10	

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

3826 Euclid Ave CLEVELAND, OH 44115 STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION: 069 2016-04-01 To: 2016-04-30

COUNTY: Cuyahoga

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

D. D. J. SEETED	Overflow	I		Г	1				\neg
PARAMETER	Occurrence	Overflow Volume							
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons	-						
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-04-01									
2016-04-02									
2016-04-03									
2016-04-04									
2016-04-05									
2016-04-06									
2016-04-07									
2016-04-08									
2016-04-09									
2016-04-10									
2016-04-11									
2016-04-12									
2016-04-13									_
2016-04-14									_
2016-04-15									_
2016-04-16									_
2016-04-17									_
2016-04-18									_
2016-04-19									
2016-04-20									
2016-04-21									_
2016-04-22									_
2016-04-23									_
2016-04-24									_
2016-04-25									_
2016-04-26									_
2016-04-27									
2016-04-28									
2016-04-29									
2016-04-30									
Minimum									
Maximum									_
Average Count		 	-	 					
Name of Responsible Officia	L cartify under the ne	malty of law that I have	narconally avaminad and	l am familia-	Sis	nature of Responsible	Official or Authorized	l Submiss	ion
Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.					Represe		2016-0 17 16:0	me)5-	
ine and imprisonment.							Page 11	11	—

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

3826 Euclid Ave CLEVELAND, OH 44115 STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION: 072 2016-04-01 To: 2016-04-30

COUNTY: Cuyahoga NEDO

DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow	Overflow Volume	Ī	Γ					\neg
PARAMETER CODE	Occurrence 74062	74063							_
UNITS	No./Month	Million Gallons							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-04-01		-		<u> </u>					
2016-04-02		ļ							
2016-04-03									
2016-04-04									
2016-04-05									
2016-04-06									
2016-04-07									
2016-04-08									
2016-04-09									
2016-04-10									
2016-04-11									
2016-04-12									
2016-04-13									
2016-04-14									
2016-04-15									
2016-04-16									
2016-04-17									
2016-04-18									
2016-04-19									
2016-04-20									
2016-04-21									
2016-04-22									
2016-04-23									
2016-04-24									
2016-04-25									_
2016-04-26									
2016-04-27									
2016-04-28									_
2016-04-29									_
2016-04-30									
Minimum									
Maximum									_
Average Count		 		 	- 				
Name of Responsible Official or Authorized Representative	e with the information	nalty of law that I have p submitted herein and baselely responsible for obtain	sed on my inquiry of the	ose	Signat	ture of Responsible Represer	Official or Authorized ntative	Submissi Date/Tir	
Thomas Madej	submitted informatio	n is true, accurate and co for submitting false info	omplete. I am aware that	there are				2016-0 17 16:0	
fine and imprisonment.							Page 12	12	

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: 080 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 2016-04-01 To: 2016-04-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER CODE	PARAMETER	Total Suspended	Nitrogen, Ammonia			itrate, I	Phosphorus, Total	E. coli	Overflow
No.No.No.No.No.No.No.No.No.No.No.No.No.N	PARAMETER CODE				-	-		31648	
SAMPLING TYPE							· · · · · · · · · · · · · · · · · · ·	#/100 ml	
2016-04-01						ch.			
2016-04-02 2016-04-03 2016-04-06 2016-04-06 2016-04-07 2016-04-08 2016-04-09 2016-04-09 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-16 2016-04-17 2016-04-18 2016-04-18 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-29		Grab	Grab	Grab	Grab	_	Grab	Grab	Total
2016-04-05						-			
2016-04-05 2016-04-06 2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-18 2016-04-19 2016-04-19 2016-04-20						_			
2016-04-05 2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-13 2016-04-15 2016-04-15 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-18 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-19 2016-04-20 2016-04-20 2016-04-20 2016-04-20 2016-04-20 2016-04-20 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-28 2016-04-28 2016-04-29 2016-04-29 2016-04-20						_			
2016-04-06						_			
2016-04-07			ļ			_			
2016-04-08	2016-04-06					_			
2016-04-09	2016-04-07					_			1
2016-04-10	2016-04-08								
2016-04-12	2016-04-09								
2016-04-12	2016-04-10								
2016-04-13	2016-04-11								1
2016-04-15	2016-04-12								
2016-04-15	2016-04-13								
2016-04-16	2016-04-14								
2016-04-17	2016-04-15								
2016-04-19	2016-04-16								
2016-04-19	2016-04-17								
2016-04-20	2016-04-18								
2016-04-21	2016-04-19								
2016-04-23	2016-04-20								
2016-04-23	2016-04-21								
2016-04-24	2016-04-22								
2016-04-25	2016-04-23								
2016-04-26	2016-04-24								
2016-04-27	2016-04-25								
2016-04-28	2016-04-26								1
2016-04-29 2016-04-30 Minimum Minimum Maximum Average Count I certify under the penalty of law that I have personally examined and am familiar or Authorized Representative Thomas Madej Thomas Madej Maximum Average I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Signature of Responsible Official or Authorized Representative Signature of Responsible Official or Authorized Representative Date/Time	2016-04-27								
2016-04-30	2016-04-28								
Minimum Maximum Average Count Name of Responsible Official or Authorized Representative Thomas Madej Minimum Average Maximum Average Maximum Average Maximum Average Maximum Maximum Average Maximum Average Minimum Mini	2016-04-29								
Maximum Average Count Name of Responsible Official or Authorized Representative Thomas Madej Maximum I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	2016-04-30								1
Average									
Count Name of Responsible Official or Authorized Representative Thomas Madej Thomas			_			_			
Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej						- 			
Thomas Madej Thoma	Name of Responsible Officia	r certify under the pe				Signa			Submission
significant penalties for submitting false information, including the possibility of fine and imprisonment.	or Authorized Representativ	individuals immediat	ely responsible for obtain	ning the information, I l	believe the		Kepreser	наиче	
	Thomas Madej	significant penalties t	for submitting false infor	mplete. I am aware that mation, including the p	there are ossibility of				17 16:05

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

080 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-04-01 To: 2016-04-30 NEORSD NEORSD COUNTY: NEDO DISTRICT:

ANALYST: NO DISCHARGE INDICATOR:

PARAMETER CODE	PARAMETER	Overflow Volume	CBOD 5 day	I	Γ					
WINTS Million Galores mgl		·								
SAMPLING TYPE 2dir Total Grab	UNITS									
2016-04-03										
2016-04-02 2016-04-05 2016-04-05 2016-04-05 2016-04-06 2016-04-06 2016-04-06 2016-04-06 2016-04-07 1.5276 2016-04-09 2016-04-10 2016-04-10 2016-04-10 2016-04-12 2016-04-12 2016-04-13 2016-04-15 2016-04-15 2016-04-15 2016-04-16 2016-04-16 2016-04-17 2016-04-18 2016-04-18 2016-04-19 2016-04-19 2016-04-19 2016-04-20 2016-04-20 2016-04-20 2016-04-20 2016-04-23 2016-04-25 2016-04-25 2016-04-25 2016-04-25 2016-04-26 1.271 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-29		24hr Total	Grab							
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2016-04-07 2016-04-10 2016-04-11 2016-04-12 2016-04-12 2016-04-13 2016-04-15 2016-04-15 2016-04-16 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-19 2016-04-20 2016-04-20 2016-04-21 2016-04-20	2016-04-05									
2016-04-10 2016-04-11 0.0324 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-15 2016-04-17 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-22 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-28 2016-04-28 2016-04-28 2016-04-29 2016-04-28 2016-04-28 2016-04-29 2016-04-28 2016-04-29 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-30 2016-04-29 2016-04-30 2016-04-29 2016-04-30 201	2016-04-06									
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2016-04-12	2016-04-09									
2016-04-12	2016-04-10									
2016-04-13 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-21 2016-04-22 2016-04-23 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-29 2016-05-17 16-05 2016-05-17 16-05	2016-04-11	0.0324								
2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-20 2016-04-22 2016-04-23 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-26 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-28 2016-04-29 201	2016-04-12									
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2016-04-17	2016-04-15									
2016-04-18	2016-04-16									
2016-04-20	2016-04-17									
2016-04-20	2016-04-18									
2016-04-21	2016-04-19									
2016-04-22	2016-04-20									
2016-04-23 2016-04-24 2016-04-25 2016-04-26 1.271 2016-04-27 2016-04-28 2016-04-29 2016-04-30 0.0772 Minimum 0.0324 Maximum 1.5276 Average 0.72705 Count 4 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Submission Date/Time Signature of Responsible Official or Authorized Representative Submission Date/Time 2016-05- 17 16:05	2016-04-21									
2016-04-24 2016-04-25 2016-04-26 1.271 2016-04-27 2016-04-28 2016-04-29 2016-04-30 0.0772 Minimum 0.0324 Maximum 1.5276 Average 0.72705 Count Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Signature of Responsible Official or Authorized Submission Date/Time Significant penalties for submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitted information, including the possibility of fine and imprisonment.	2016-04-22									
2016-04-25 2016-04-26 1.271 2016-04-27 2016-04-28 2016-04-29 2016-04-30 0.0772 Minimum 0.0324 Maximum 1.5276 Average 0.72705 Count Name of Responsible Official or Authorized with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Signature of Responsible Official or Authorized Representative	2016-04-23									
2016-04-26 1.271 2016-04-27 2016-04-28 2016-04-29 2016-04-30 0.0772 Minimum 0.0324 Maximum 1.5276 Average 0.72705 Count 4 Name of Responsible Official or Authorized Representative Thomas Madej significant penalties for submitting false information, including the possibility of fine and imprisonment. Signature of Responsible Official or Authorized Representative Signature of Responsible Official or Authorized Submission Date/Time Signature of Responsible Official or Authorized Representative Submission Date/Time	2016-04-24									
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Minimum 0.0324	2016-04-28									
Minimum 0.0324 Maximum 1.5276 Average 0.72705 Count 4 Name of Responsible Official or Authorized Representative Thomas Madej Thomas Madej Thomas Madej Thomas Madej Minimum 0.0324 Locatify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	2016-04-29									
Maximum 1.5276 Average 0.72705 Count 4 Name of Responsible Official or Authorized Representative Thomas Madej 2016-04-30	0.0772									
Average 0.72705 Count 4 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				<u> </u>						
Name of Responsible Official or Authorized Representative I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.										
Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				+			 			
or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.		`		<u>.</u>		C.	mature of Passancill	Official or Authorit		Submissis-
Thomas Madej individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	or Authorized Representativ		alty of law that I have	personally examined and used on my inquiry of the	l am familiar	519			•	Date/Time
Page 1414	_	individuals immediate submitted information significant penalties for	ly responsible for obta is true, accurate and co or submitting false info	ining the information, I to omplete. I am aware that	believe the there are		.,			2016-05-

SUBMISSION ID: STATUS: 579473 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

088 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-04-01 To: 2016-04-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	per Year 51709	74063						
UNITS	No./Year	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-04-01								
2016-04-02								
2016-04-03								
2016-04-04								
2016-04-05								
2016-04-06								
2016-04-07	1	0.101						
2016-04-08								
2016-04-09								
2016-04-10								
2016-04-11								
2016-04-12								
2016-04-13								
2016-04-14								
2016-04-15								
2016-04-16								
2016-04-17								
2016-04-18								
2016-04-19								
2016-04-20								
2016-04-21								
2016-04-22								
2016-04-23								
2016-04-24								
2016-04-25								
2016-04-26	1	0.0909						
2016-04-27								
2016-04-28								
2016-04-29								
2016-04-30								
Minimum		0.0909						
Maximum		0.101						
Average Count		0.09595						
Name of Responsible Officia	<u> </u>		.,		Ç:	mature of Posnonsikla	Official or Authorized	Submission
or Authorized Representativ Thomas Madej	with the information s individuals immediate submitted information	submitted herein and basely responsible for obtain is true, accurate and co	personally examined and sed on my inquiry of tho ning the information, I be complete. I am aware that	se believe the there are	31	Represe		Date/Time 2016-05-
fine and imprisonment.						Page 15	17 16:05	

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION: 200 2016-04-01 To: 2016-04-30

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

NEDO DISTRICT:

ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitr Total	rate, Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630	00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch		When Disch.	When Disch.
2016-04-01	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-04-02		<u> </u>					
2016-04-04		 			_		
2016-04-05		-			_		
2016-04-06		 			_		
2016-04-07		 			_		
2016-04-08		-					
2016-04-09		-			_		
2016-04-10							
2016-04-11							
2016-04-12							
2016-04-13					- 		
2016-04-14							
2016-04-15							
2016-04-16							
2016-04-17							
2016-04-18							
2016-04-19							
2016-04-20							
2016-04-21							
2016-04-22							
2016-04-23							
2016-04-24							
2016-04-25							
2016-04-26							
2016-04-27							
2016-04-28							
2016-04-29							
2016-04-30							
Minimum							
Maximum							
Average Count					_		
Name of Responsible Officia	l r			6:1:	Signature of Responsible	Official or Authorized	Submission
or Authorized Representativ	e with the information	nalty of law that I have p submitted herein and bas	sed on my inquiry of tho	se	Represe	ntative	Date/Time
Thomas Madej	individuals immediat submitted informatio	ely responsible for obtain n is true, accurate and co for submitting false infor	ning the information, I b implete. I am aware that	elieve the there are			2016-05- 17 16:05

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION: 200

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-04-01 To: 2016-04-30 COUNTY:

NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER CODE	PARAMETER	Overflow Volume	CBOD 5 day		Ι				
UNITS Million Gallons mg/l		·		†					
SAMPLING TYPE 24hr Total Grab	UNITS								
2016-04-01 2016-04-02 2016-04-03 2016-04-04 2016-04-05 2016-04-05 2016-04-07 2016-04-09 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-19 2016-04-20 2016-04-20 2016-04-20 2016-04-28 2016-04-30 Minimum Maximum									
2016-04-02 2016-04-03 2016-04-04 2016-04-05 2016-04-06 2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-19 2016-04-19 2016-04-20 2016-04-20 2016-04-21 2016-04-23 2016-04-24 2016-04-25 2016-04-28 2016-04-28 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-28 2016-04-29		24hr Total	Grab						
2016-04-03 2016-04-05 2016-04-06 2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-15 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-25 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-20 2016-04-29 2016-04-30 Minimum Maximum									
2016-04-04 2016-04-05 2016-04-06 2016-04-07 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-15 2016-04-15 2016-04-16 2016-04-18 2016-04-18 2016-04-18 2016-04-18 2016-04-18 2016-04-18 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-21 2016-04-25 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Maxi									
2016-04-05 2016-04-06 2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-18 2016-04-19 2016-04-20 2016-04-23 2016-04-24 2016-04-25 2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Maxi	2016-04-03								
2016-04-06 2016-04-07 2016-04-08 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-20 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-28 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum	2016-04-04								
2016-04-07 2016-04-08 2016-04-09 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-16 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum	2016-04-05								
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2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29	2016-04-10								
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2016-04-15 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-29 2016-04-30 Minimum Maximum Max	2016-04-13								
2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum 2016-04-14									
2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Maxi	2016-04-15								
2016-04-18 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-16								
2016-04-20 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-17								
2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-18								
2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-19								
2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-20								
2016-04-23 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-21								
2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-22								
2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-23								
2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-24								
2016-04-27 2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-25								
2016-04-28 2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-26								
2016-04-29 2016-04-30 Minimum Maximum Average	2016-04-27								
2016-04-30 Minimum Maximum Average	2016-04-28								
Minimum Maximum Average	2016-04-29								
Maximum Average	2016-04-30								
Average		<u></u>							
				ļ			 ļ		
N	Count		<u> </u>	l	<u> </u>	· ~·	 Office 1		01
			nalty of law that I have	personally examined and	l am familiar	Sig		1	Submission Date/Time
individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are		individuals immediate submitted information significant penalties f	ely responsible for obta n is true, accurate and co for submitting false info	ining the information, I be omplete. I am aware that	elieve the there are			1.5	2016-05- 17 16:05

SUBMISSION ID: STATUS: 579473 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

202 2016-04-01 To: 2016-04-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2016-04-01 2016-04-02	Solids 00530 mg/l When Disch. Grab	(NH3) 00610 mg/l	Total 00625 mg/l	Total 00630	\neg	(P) 00665	31648	Occurrence 74062
FREQUENCY SAMPLING TYPE 2016-04-01	When Disch.		ma/l					, .502
SAMPLING TYPE 2016-04-01		3371 D' 1		mg/l		mg/l	#/100 ml	No./Month
2016-04-01	Grab	When Disch.	When Disch.	When Disc	h.	When Disch.	When Disch.	When Disch.
		Grab	Grab	Grab	\dashv	Grab	Grab	Total
					_			
2016-04-03		<u> </u>			_			
2016-04-04		 				-		
2016-04-05					\dashv			
2016-04-06					_			
2016-04-07								1
2016-04-08								
2016-04-09								
2016-04-10								
2016-04-11		i				1		
2016-04-12								
2016-04-13		i				1		
2016-04-14								
2016-04-15								
2016-04-16								
2016-04-17								
2016-04-18								
2016-04-19								
2016-04-20								
2016-04-21								
2016-04-22								
2016-04-23								
2016-04-24								
2016-04-25								
2016-04-26								1
2016-04-27								
2016-04-28								
2016-04-29								
2016-04-30								
Minimum					\Box			1.0
Maximum Average		 			\dashv			1.0
Average Count		 		 		+		2
Name of Responsible Official	I certify under the no	nalty of law that I have p	ersonally examined and	l am familiar	Sign	nature of Responsible	Official or Authorized	
or Authorized Representative Thomas Madej	with the information individuals immediat submitted informatio	submitted herein and bas sely responsible for obtain n is true, accurate and co for submitting false infor	sed on my inquiry of the ning the information, I lomplete. I am aware that	ose believe the there are		Represen		2016-05- 17 16:05

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

202 2016-04-01 To: 2016-04-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER CODE	overflow Volume 74063 Million Gallons When Disch. 24hr Total 0.0018	CBOD 5 day 80082 mg/l When Disch. Grab							
UNITS A FREQUENCY SAMPLING TYPE 2016-04-01 2016-04-02 2016-04-03 2016-04-04 2016-04-05 2016-04-06	Million Gallons When Disch. 24hr Total	mg/l When Disch.							
2016-04-03 2016-04-04 2016-04-03 2016-04-04 2016-04-05 2016-04-06	24hr Total								
2016-04-01 2016-04-02 2016-04-03 2016-04-04 2016-04-05 2016-04-06		Grab							
2016-04-02 2016-04-03 2016-04-04 2016-04-05 2016-04-06	0.0018								
2016-04-03 2016-04-04 2016-04-05 2016-04-06	0.0018								
2016-04-04 2016-04-05 2016-04-06	0.0018				\dashv				
2016-04-05 2016-04-06	0.0018								
2016-04-06	0.0018								
	0.0018								
2016 04 07	0.0018								
2010-04-07									
2016-04-08									
2016-04-09									
2016-04-10									
2016-04-11									
2016-04-12									
2016-04-13									
2016-04-14									
2016-04-15									
2016-04-16									
2016-04-17									
2016-04-18									
2016-04-19									
2016-04-20									
2016-04-21									
2016-04-22									
2016-04-23									
2016-04-24									
2016-04-25									
2016-04-26	0.029								
2016-04-27									
2016-04-28									
2016-04-29									
2016-04-30					$\neg \uparrow$				
Minimum	0.0018								
Maximum	0.029								
Average	0.0154								
Count	2			<u> </u>		4 65	Oper 1 1 1 2 1		G 1 · ·
Name of Responsible Official or Authorized Representative	certify under the pena	lty of law that I have p	personally examined and	am familiar	Sig	nature of Responsible Represe	e Official or Authorized ntative	l	Submission Date/Time
in Thomas Madej si	ndividuals immediatel ubmitted information	y responsible for obtai is true, accurate and co r submitting false infor	sed on my inquiry of tho ning the information, I b amplete. I am aware that rmation, including the po	there are		Xep (se	Page 19	10	2016-05- 17 16:05

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 2016-04-01 To: 2016-04-30 NEORSD NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended	Nitrogen, Ammonia			litrate,	Phosphorus, Total	E. coli	Overflow
PARAMETER CODE	Solids 00530	(NH3) 00610	Total 00625	Total 00630		(P) 00665	31648	Occurrence 74062
UNITS	mg/l	mg/l	mg/l	mg/l	\neg	mg/l	#/100 ml	No./Month
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disc	ch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	\dashv	Grab	Grab	Total
2016-04-01					-			
2016-04-02								
2016-04-03								
2016-04-04								
2016-04-05		ļ						
2016-04-06								
2016-04-07								
2016-04-08								
2016-04-09								
2016-04-10								
2016-04-11								
2016-04-12								
2016-04-13								
2016-04-14								
2016-04-15								
2016-04-16								
2016-04-17								
2016-04-18								
2016-04-19								
2016-04-20								
2016-04-21								
2016-04-22								
2016-04-23								
2016-04-24								
2016-04-25								
2016-04-26								1
2016-04-27								
2016-04-28								
2016-04-29								
2016-04-30								
Minimum								1.0
Maximum		_		 				1.0
Average Count		 		 				1
Name of Responsible Officia		nalty of law that I have p	ersonally examined and	l am familiar	Sig	nature of Responsible	Official or Authorized	l Submission
or Authorized Representative	with the information	submitted herein and bas	sed on my inquiry of the	ose		Represer	ntative	Date/Time
Thomas Madej	submitted informatio	tely responsible for obtain n is true, accurate and co for submitting false infor nt.	mplete. I am aware that	there are				2016-05- 17 16:05
Page 2020						20		

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 2016-04-01 To: 2016-04-30 NEORSD NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

D L D L L STORTE	[0 d vi i	CDOP 7 1	Г	1		Γ		1	
PARAMETER CODE	Overflow Volume	CBOD 5 day	1	-					
PARAMETER CODE UNITS	74063 Million Gallons	80082 mg/l	 						
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	24hr Total	Grab							
2016-04-01									
2016-04-02									
2016-04-03									
2016-04-04									
2016-04-05									
2016-04-06									
2016-04-07									
2016-04-08									
2016-04-09									
2016-04-10									
2016-04-11									
2016-04-12									
2016-04-13									
2016-04-14									
2016-04-15									
2016-04-16									
2016-04-17									
2016-04-18									
2016-04-19									
2016-04-20									
2016-04-21			<u> </u>						
2016-04-22									
2016-04-23									
2016-04-24									
2016-04-25									
2016-04-26	0.3423								
2016-04-27									
2016-04-28									
2016-04-29									
2016-04-30									
Minimum	0.3423		ļ						
Maximum	0.3423		ļ						
Average Count	0.3423		 	+					
Name of Responsible Officia	, T	ealty of law that I have	personally examined and	d am familiar	Sis	nature of Responsible	Official or Authorized	<u>. </u>	Submission
or Authorized Representativ	e with the information s	ubmitted herein and ba	sed on my inquiry of the	ose		Represe			Date/Time
Thomas Madej	individuals immediate submitted information	ely responsible for obta is true, accurate and co or submitting false info	ining the information, I omplete. I am aware tha rmation, including the p	believe the t there are					2016-05- 17 16:05
-							Page 21	21	

SUBMISSION ID: STATUS: 579473 Original

3PA00002*HD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 211 2016-04-01 To: 2016-04-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow	Overflow Volume					
PARAMETER CODE	Occurrence 74062	74063					
UNITS	No./Month	Million Gallons					
FREQUENCY	When Disch.	When Disch.					
SAMPLING TYPE	Total	24hr Total					
2016-04-01		<u> </u>					
2016-04-02	1	0.12					
2016-04-03							
2016-04-04		<u> </u>					
2016-04-05							
2016-04-06							
2016-04-07	1	0.63					
2016-04-08	1	0.02					
2016-04-09		0.31					
2016-04-10							
2016-04-11	1	0.84					
2016-04-12							
2016-04-13		1					
2016-04-14		1					
2016-04-15		1					
2016-04-16							
2016-04-17		†					
2016-04-18							
2016-04-19							
2016-04-20		†					
2016-04-21		†					
2016-04-22		†					
2016-04-23		†					
2016-04-24		1					
2016-04-25		 					
2016-04-26	1	0.38					
2016-04-27	· ·	†	 		 		
2016-04-28	1	0.09				 	
2016-04-29	· ·	3.07					
2016-04-30	1	0.43					
2016-04-30 Minimum	1.0	0.43					
Maximum	1.0	0.02					
Average	1	0.3525					
Count Name of Responsible Officia	7	8		-	C: 4 CD 31	066.1 7 1 . 1	[61
or Authorized Representative Thomas Madej	with the information individuals immedia submitted information	submitted herein and bas tely responsible for obtai on is true, accurate and co	personally examined and am far sed on my inquiry of those ning the information, I believe omplete. I am aware that there a	the are	Signature of Responsible Represe		Date/Time 2016-05-
significant penalties for submitting false information, including the possibility of fine and imprisonment.						Page 222	17 16:05

SUBMISSION ID: STATUS: 579473 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 218 2016-04-01 To: 2016-04-30 NEORSD NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus N Total	Vitrate,	Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630		00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l		mg/l	#/100 ml	No./Month
FREQUENCY	When Disch.	When Disch.	When Disch.	When Dis	ch.	When Disch.	When Disch.	When Disch.
2016-04-01	Grab	Grab	Grab	Grab		Grab	Grab	Total
2016-04-02								
2016-04-03		-						
2016-04-04		 						
2016-04-05								
2016-04-06								
2016-04-07								1
2016-04-08								
2016-04-09								
2016-04-10								
2016-04-11		i						1
2016-04-12								
2016-04-13		i						
2016-04-14								
2016-04-15								
2016-04-16								
2016-04-17								
2016-04-18								
2016-04-19								
2016-04-20								
2016-04-21								
2016-04-22								
2016-04-23								
2016-04-24								
2016-04-25								
2016-04-26								1
2016-04-27								
2016-04-28								
2016-04-29								
2016-04-30								1
Minimum								1.0
Maximum Average		-						1.0
Count		 				-		4
Name of Responsible Official		nalty of law that I have p	ersonally examined and	am familiar	Sig	nature of Responsible		Submission
or Authorized Representative Thomas Madej	with the information individuals immediat submitted informatio	submitted herein and basely responsible for obtain n is true, accurate and cofor submitting false infor	ed on my inquiry of the ning the information, I l mplete. I am aware that	believe the there are		Represen	tative	2016-05- 17 16:05

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 218 2016-04-01 To: 2016-04-30 NEORSD NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARMETER CODE	PARAMETER	Overflow Volume	CBOD 5 day	I	Γ					
WINTS		·								
SAMPING TYPE 2dis Total Grab	UNITS									
2016-04-03										
2016-04-02 2016-04-05 2016-04-05 2016-04-06 2016-04-07 0.1008 2016-04-09 2016-04-09 2016-04-10 2016-04-11 0.00571 2016-04-12 2016-04-13 2016-04-13 2016-04-14 2016-04-15 2016-04-15 2016-04-18 2016-04-18 2016-04-18 2016-04-18 2016-04-18 2016-04-18 2016-04-18 2016-04-18 2016-04-18 2016-04-19 2016-04-20 2016-04-20 2016-04-20 2016-04-22 2016-04-28 2016-04-28 2016-04-28 2016-04-28 2016-04-29 2016-04		24hr Total	Grab							
2016-04-03 2016-04-05 2016-04-06 2016-04-07 0.1068 2016-04-09 2016-04-10 2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-13 2016-04-14 2016-04-15 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-17 2016-04-18 2016-04-20 2016-04-20 2016-04-21 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-20 2016										
2016-04-04 2016-04-05 2016-04-06 2016-04-07 0.1068 2016-04-07 0.1068 2016-04-08 2016-04-09 2016-04-10 2016-04-11 0.0671 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-15 2016-04-16 2016-04-16 2016-04-16 2016-04-16 2016-04-17 2016-04-18 2016-04-18 2016-04-19 2016-04-20 20	2016-04-02									
2016-04-05 2016-04-07 0.1068 2016-04-09 2016-04-10 2016-04-11 0.0671 2016-04-12 2016-04-13 2016-04-13 2016-04-15 2016-04-15 2016-04-15 2016-04-17 2016-04-18 2016-04-18 2016-04-19 2016-04-19 2016-04-20 2016-04-20 2016-04-21 2016-04-20 2016-04-20 2016-04-23 2016-04-25 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 2016-04-	2016-04-03									
2016-04-06 2016-04-07 2016-04-08 2016-04-10 2016-04-11 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-15 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-18 2016-04-19 2016-04-20 2016-04-20 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-25 2016-04-27 2016-04-28 2016-04-28 2016-04-29 2016-04-28 2016-04-29 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-20	2016-04-04									
2016-04-07 2016-04-19 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-16 2016-04-16 2016-04-18 2016-04-18 2016-04-19 2016-04-20 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-28 2016-04-28 2016-04-29 2016-04-28 2016-04-29 2016-04-28 2016-04-28 2016-04-29 2016-04-29 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-28 2016-04-29	2016-04-05									
2016-04-08	2016-04-06									
2016-04-10 2016-04-11 2016-04-12 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-25 2016-04-26 2016-04-27 2016-04-27 2016-04-28 2016-04-27 2016-04-28 2016-04-29	2016-04-07	0.1068								
2016-04-10 2016-04-13 2016-04-13 2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-29 2016-04-21 2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-29 2016-04-28 2016-04-29 2016-04-28 2016-04-29 2016-04-28 2016-04-29 2016-04-28 2016-04-29 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-28 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-29 2016-04-20	2016-04-08									
2016-04-12	2016-04-09									
2016-04-12	2016-04-10									
2016-04-13 2016-04-15 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-22 2016-04-23 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-26 2016-04-27 2016-04-27 2016-04-28 2016-04-27 2016-04-28 2016-04-29	2016-04-11	0.0671								
2016-04-14 2016-04-15 2016-04-16 2016-04-17 2016-04-18 2016-04-19 2016-04-20 2016-04-21 2016-04-21 2016-04-22 2016-04-23 2016-04-23 2016-04-24 2016-04-25 2016-04-25 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-28 2016-04-29 2016-05-20 2016-0	2016-04-12									
2016-04-15	2016-04-13									
2016-04-16	2016-04-14									
2016-04-17	2016-04-15									
2016-04-18	2016-04-16									
2016-04-19	2016-04-17									
2016-04-20	2016-04-18									
2016-04-21 2016-04-22 2016-04-23 2016-04-24 2016-04-25 2016-04-26 0.1627 2016-04-27 2016-04-28 2016-04-29 2016-04-29 2016-04-30 0.0528 2016-04-30 2016-	2016-04-19									
2016-04-23	2016-04-20									
2016-04-24 2016-04-25 2016-04-26 2016-04-27 2016-04-28 2016-04-29 2016-04-30 0.0528 Minimum 0.0528 Maximum 0.1627 Average 0.09735 Count Average 0.09735 Count Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information in true.	2016-04-21									
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Minimum 0.0528 Maximum 0.1627 Average 0.09735 Count 4 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 1716:05	2016-04-29									
Maximum 0.1627 Average 0.09735 Count 4 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 17 16:05	2016-04-30	0.0528								
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or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 17 16:05		`		<u>.</u>		C:	mature of Passansill	Official on Authorica		Submissio-
individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 17 16:05	or Authorized Representativ		alty of law that I have	personally examined and	l am familiar	Sig			ı	Date/Time
Page 2424		individuals immediate submitted information significant penalties for	ly responsible for obta is true, accurate and co or submitting false info	ining the information, I to omplete. I am aware that	believe the there are					2016-05-

SUBMISSION ID: STATUS: 579473 Original

3PA00002*HD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

31 A00002 11D 232 2016-04-01 To: 2016-04-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

	per Year	Overflow Volume							
PARAMETER CODE	51709	74063							
UNITS	No./Year	Million Gallons							
FREQUENCY	When Disch.	When Disch.							
2016-04-01	Total Estimate AH	Total Estimate AH							
2016-04-02		AH				-			
	AH	-							
2016-04-03	AH	AH		-					
2016-04-04	AH	AH							
2016-04-05	AH	AH							
2016-04-06	AH	AH							
2016-04-07	AH	АН							
2016-04-08	AH	АН							
2016-04-09	АН	АН							
2016-04-10	АН	AH							
2016-04-11	AH	AH							
2016-04-12	AH	АН							
2016-04-13	AH	АН							
2016-04-14	АН	АН							
2016-04-15	АН	AH							
2016-04-16	АН	АН							
2016-04-17	АН	AH							
2016-04-18	AH	AH							
2016-04-19	AH	АН							
2016-04-20	AH	АН							
2016-04-21	AH	АН							
2016-04-22	АН	АН							
2016-04-23	AH	АН							
2016-04-24	АН	АН							
2016-04-25	АН	АН							
2016-04-26	АН	АН	ĺ						
2016-04-27	АН	AH							
2016-04-28	АН	AH							
2016-04-29	AH	АН							
2016-04-30	АН	АН	i						
Minimum	<u> </u>								
Maximum									
Average	ļ		ļ						
Count	<u> </u>								
Name of Responsible Officia or Authorized Representative		nalty of law that I have p			Si	gnature of Responsible Represe	Official or Authorized	I Si	ubmissioi Oate/Time
Thomas Madej	individuals immediate submitted information	submitted herein and basely responsible for obtain is true, accurate and coor submitting false informat.	ning the information, I lomplete. I am aware that	believe the there are		кергеѕе	Page 25		2016-05- 17 16:05

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: 239 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 239 2016-04-01 To: 2016-04-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended	Nitrogen, Ammonia				E. coli	Overflow
PARAMETER CODE	Solids 00530	(NH3) 00610	Total 00625	Total 00630	(P) 00665	31648	Occurrence 74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.		When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-04-01							
2016-04-02							1
2016-04-03							
2016-04-04							
2016-04-05		ļ					
2016-04-06							
2016-04-07							1
2016-04-08							1
2016-04-09							1
2016-04-10							1
2016-04-11							
2016-04-12							
2016-04-13							
2016-04-14							
2016-04-15							
2016-04-16							
2016-04-17							
2016-04-18							
2016-04-19							
2016-04-20							
2016-04-21							
2016-04-22							
2016-04-23							
2016-04-24							
2016-04-25							
2016-04-26							1
2016-04-27							
2016-04-28							1
2016-04-29							
2016-04-30							1
Minimum							1.0
Maximum		<u> </u>					1.0
Average Count		-		 	+		8
Name of Responsible Officia	I certify under the ne	nalty of law that I have p	ersonally examined and	l am familiar	Signature of Responsible	Official or Authorized	
or Authorized Representativ Thomas Madej	with the information individuals immediat submitted informatio	submitted herein and bas tely responsible for obtain n is true, accurate and co	sed on my inquiry of the ning the information, I b implete. I am aware that	believe the there are	Represei	ntative	Date/Time 2016-05-
i nomas iviauej	significant penalties t fine and imprisonmen	for submitting false infor nt.	mation, including the p	ossibility of		Page 26	17 16:05

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION: 239

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 239 2016-04-01 To: 2016-04-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day	<u> </u>					1	
PARAMETER CODE	74063	80082	†						
UNITS	Million Gallons	mg/l							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	24hr Total	Grab	 						
2016-04-01									
2016-04-02	0.0824								
2016-04-03									
2016-04-04									
2016-04-05									
2016-04-06									
2016-04-07	1.3099								
2016-04-08	0.0081								
2016-04-09	0.1442								
2016-04-10	0.0039								
2016-04-11	2.5149								
2016-04-12									
2016-04-13									
2016-04-14									
2016-04-15									
2016-04-16									
2016-04-17									
2016-04-18									
2016-04-19									
2016-04-20									
2016-04-21									
2016-04-22									
2016-04-23									
2016-04-24									
2016-04-25									
2016-04-26	0.8514								
2016-04-27									
2016-04-28	0.0513								
2016-04-29									
2016-04-30	0.3711								
Minimum	0.0039		<u> </u>						
Maximum	2.5149								
Average	0.59302		 						
Count Name of Responsible Officia	9		<u> </u>		C:	mature of Passansill	Official or Authorized		Submission
or Authorized Representativ	e with the information s	ubmitted herein and ba	personally examined and used on my inquiry of the	se	31	Represe	ntative	•	Date/Time
Thomas Madej	individuals immediate submitted information	ly responsible for obta is true, accurate and co or submitting false info	ining the information, I to omplete. I am aware that rmation, including the po	elieve the there are					2016-05- 17 16:05
Page 2727									

SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION: 242 2016-04-01 To: 2016-04-30

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

DAD AMERICA	Overflow	Overden VII		1					
PARAMETER CODE	Occurrence	Overflow Volume		ļ					
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons	-						
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-04-01									
2016-04-02									
2016-04-03									
2016-04-04									
2016-04-05									
2016-04-06									
2016-04-07									
2016-04-08									
2016-04-09									
2016-04-10									
2016-04-11									
2016-04-12									
2016-04-13									
2016-04-14									
2016-04-15									
2016-04-16									
2016-04-17									
2016-04-18									
2016-04-19									
2016-04-20									
2016-04-21									
2016-04-22									
2016-04-23									
2016-04-24									
2016-04-25									
2016-04-26									
2016-04-27									
2016-04-28									
2016-04-29									
2016-04-30									
Minimum									
Maximum		<u> </u>							
Average Count		<u> </u>							
Name of Responsible Officia	I certify under the pe	enalty of law that I have p	personally examined and	l am familiar	Sig	nature of Responsible	Official or Authorized		mission
or Authorized Representativ Thomas Madej	with the information individuals immedia submitted information	submitted herein and ba- tely responsible for obtai on is true, accurate and co- for submitting false infor	sed on my inquiry of the ning the information, I to emplete. I am aware that	ose believe the there are		Represe		201 17	16-05- 16:05
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SUBMISSION ID: 579473 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION: 258 2016-04-01 To: 2016-04-30

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow	Overflow Volume	Ī	Γ					
PARAMETER CODE	Occurrence 74062	74063							
UNITS	No./Month	Million Gallons							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total		-					
2016-04-01		-							
2016-04-02		ļ							
2016-04-03									
2016-04-04									
2016-04-05									
2016-04-06									
2016-04-07									
2016-04-08									
2016-04-09									
2016-04-10									
2016-04-11									,
2016-04-12									
2016-04-13									
2016-04-14									
2016-04-15									
2016-04-16									
2016-04-17									
2016-04-18									
2016-04-19									
2016-04-20									
2016-04-21									
2016-04-22									
2016-04-23									
2016-04-24									
2016-04-25									
2016-04-26									
2016-04-27									
2016-04-28									
2016-04-29									
2016-04-30									
Minimum			j						
Maximum Average		 		-	-				
Count									
Name of Responsible Officia or Authorized Representative	e with the information	nalty of law that I have p submitted herein and ba- tely responsible for obtai	sed on my inquiry of the	ose	Signat	ture of Responsible Represei	Official or Authorized ntative		Submission Date/Time
Thomas Madej	submitted informatio	n is true, accurate and co for submitting false info	omplete. I am aware that	there are					2016-05- 17 16:05
	<u> </u>		·		Page 29	20			

FACILITY: Northeast Ohio Regional SD 3826 Euclid Ave CLEVELAND, OH 44115 LOCATION:

PERMIT NUMBER: 3PA00002*HDMONITORING PERIOD: 2016-04-01 To: 2016-04-30

PARAMET	ER COMMENTS:			1	
Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
232	Overflow Occurrence per Year	51709	2016-04- 01	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 02	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 03	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 04	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 05	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 06	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 07	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 08	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 09	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 10	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 11	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 12	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 13	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 14	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 15	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 16	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 17	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 18	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 19	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 20	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 21	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 22	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 23	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 24	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 25	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 26	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 27	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.

232	Overflow Occurrence per Year	51709	2016-04- 28	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 29	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-04- 30	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 01	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 02	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 03	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 04	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 05	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 06	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 07	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 08	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 09	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 10	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 11	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 12	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 13	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 14	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 15	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 16	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 17	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 18	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 19	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 20	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 21	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 22	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 23	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 24	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 25	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 26	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 27	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 28	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-04- 29	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 shoul be removed from the eDMR report.

232	Overflow Volume	74063	2016-04-	Million	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should
			30	Gallons	be removed from the eDMR report.

SUBMISSION ID: 586593 STATUS: Original

3PA00002*HD 025 2016-05-01 To: 2016-05-31 NEORSD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: DISTRICT: NEDO ANALYST: NEORSD NO DISCHARGE INDICATOR: AL

	Overflow	T				1	Γ	Ι	1
PARAMETER	Occurrence	Overflow Volume							
PARAMETER CODE UNITS	74062 No./Month	74063 Million Gallons							
FREQUENCY	When Disch.	When Disch.						┢	
SAMPLING TYPE	Total	24hr Total							
2016-05-01									
2016-05-02									
2016-05-03									
2016-05-04									
2016-05-05									
2016-05-06									
2016-05-07									
2016-05-08									
2016-05-09									
2016-05-10									
2016-05-11									
2016-05-12									
2016-05-13									
2016-05-14									
2016-05-15									
2016-05-16									
2016-05-17									
2016-05-18									
2016-05-19									
2016-05-20									
2016-05-21									
2016-05-22									
2016-05-23									
2016-05-24									
2016-05-25									
2016-05-26									
2016-05-27									
2016-05-28								\vdash	
2016-05-29									
2016-05-30									
								_	
2016-05-31 Minimum									
Maximum									
Average									
Count									
Name of Responsible Official or Authorized Representative		nalty of law that I have	personally examined and	d am familiar	Sig	gnature of Responsible		d	Submission Date/Time
Thomas Madej	with the information individuals immediat submitted informatio	submitted herein and bately responsible for obtain n is true, accurate and cofor submitting false info	sed on my inquiry of the ining the information, I complete. I am aware that	ose believe the t there are		Represe	Page 11		2016-06- 17 08:06

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 035 2016-05-01 To: 2016-05-31 NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
2016-05-01	Total	24hr Total						
2016-05-02	1	0.2193						
2016-05-03	1	0.2173						
2016-05-04								
2016-05-05				 				
2016-05-06		+						
2016-05-07		+						
2016-05-08				 				
2016-05-09		+						
2016-05-10		1						
2016-05-11		1						
2016-05-12	1	0.0128						
2016-05-13		0.0279						
2016-05-14				 				
2016-05-15								
2016-05-16								
2016-05-17								
2016-05-18								
2016-05-19								
2016-05-20								
2016-05-21								
2016-05-22								
2016-05-23								
2016-05-24								
2016-05-25								
2016-05-26								
2016-05-27								
2016-05-28								
2016-05-29	1	0.1131						
2016-05-30								
2016-05-31								
Minimum	1.0	0.0128						
Maximum Average	1.0	0.2193 0.09328		 		-	-	
Count	3	4						
Name of Responsible Officia or Authorized Representativ	I certify under the p	penalty of law that I have n submitted herein and ba ately responsible for obtain	sed on my inquiry of the	nose	Siş	gnature of Responsible Represe	e Official or Authorized ntative	Submission Date/Time
Thomas Madej	submitted informati	ion is true, accurate and co s for submitting false info	omplete. I am aware th	at there are				2016-06- 17 08:06
							Page 22	

SUBMISSION ID: STATUS: 586593 Original

3PA00002*HD 038 2016-05-01 To: 2016-05-31 NEORSD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: DISTRICT: NEDO ANALYST: NEORSD NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS	No./Month	Million Gallons							
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total							
2016-05-01	Total	24nr Total							
2016-05-02									
2016-05-03		1							
2016-05-04									
2016-05-05									
2016-05-06									
2016-05-07									
2016-05-08									
2016-05-09									
2016-05-10									
2016-05-11									
2016-05-12									
2016-05-13									
2016-05-14									
2016-05-15									
2016-05-16									
2016-05-17									
2016-05-18									
2016-05-19									
2016-05-20									
2016-05-21									
2016-05-22									
2016-05-23									
2016-05-24									
2016-05-25									
2016-05-26									
2016-05-27									
2016-05-28									
2016-05-29									
2016-05-30									
2016-05-31									
Minimum									
Maximum Average		 	-						
Count		1							
Name of Responsible Officia		enalty of law that I have	personally examined an	d am familiar	Sig	gnature of Responsible			
or Authorized Representativ	e with the information	submitted herein and ba tely responsible for obta	sed on my inquiry of th	ose		Represe	ntative	Date/Time	
Thomas Madej	submitted information	on is true, accurate and co for submitting false info	omplete. I am aware tha	t there are				2016-06- 17 08:06	
Page 33									

SUBMISSION ID: STATUS: 586593 Original

3PA00002*HD 040 2016-05-01 To: 2016-05-31 NEORSD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: DISTRICT: NEDO ANALYST: NEORSD

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630	00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-05-01							1
2016-05-02		ļ					1
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12							1
2016-05-13							
2016-05-14							1
2016-05-15							
2016-05-16		 					
2016-05-17							
2016-05-18		-					
2016-05-19							
2016-05-20							
2016-05-21		ļ					
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28							
2016-05-29							1
2016-05-30							
2016-05-31							
Minimum							1.0
Maximum							1.0
Average		ļ					1
Count	. 1						5
Name of Responsible Officia or Authorized Representativ		nalty of law that I have p submitted herein and ba	personally examined an	a an rannina	gnature of Responsible Represe	Official or Authorized ntative	Submission Date/Time
Thomas Madej	individuals immediat submitted information	tely responsible for obtai on is true, accurate and co for submitting false info	ning the information, I omplete. I am aware tha	believe the at there are	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Page 44	2016-06- 17 08:06

SUBMISSION ID: STATUS: Original 586593

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 040 2016-05-01 To: 2016-05-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: DISTRICT: NEDO ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day	1	1		<u> </u>	
PARAMETER CODE	74063	80082	1		_	_	
UNITS	Million Gallons	mg/l					
FREQUENCY	When Disch.	When Disch.					
SAMPLING TYPE	24hr Total	Grab				_	
2016-05-01	0.4048						
2016-05-02	4.2653						
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12	0.2743						
2016-05-13	1.8613						
2016-05-14	1.2740						
2016-05-15	6.8120						
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27						1	
2016-05-28							
2016-05-29	1.4338						
2016-05-30						1	
2016-05-31							
Minimum	0.2743		<u> </u>				
Maximum	6.812						
Average	2.33221	·					·
Count	7			<u> </u>			T
Name of Responsible Officia or Authorized Representative	r certary amaer the pen		personally examined an			nsible Official or Authorized presentative	Submission Date/Time
Thomas Madej	individuals immediate submitted information	ly responsible for obta is true, accurate and or or submitting false info	ased on my inquiry of the aining the information, I complete. I am aware the ormation, including the p	believe the	, Re	Page 55	2016-06- 17 08:06

SUBMISSION ID: STATUS: Original 586593

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 044 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEDO NEORSD ANALYST: NO DISCHARGE INDICATOR: AL

	Overflow		_				
PARAMETER	Occurrence	Overflow Volume					
PARAMETER CODE	74062	74063					
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.					
SAMPLING TYPE	Total	24hr Total					
2016-05-01							
2016-05-02							
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							1
2016-05-12							1
2016-05-13							1
2016-05-14							
2016-05-15							
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23		<u>† </u>					†
2016-05-24							†
2016-05-25							+
2016-05-26							
2016-05-27					_	+	+
2016-05-28						-	+
2016-05-29						-	+
2016-05-29		1	-			-	+
		1				+	+
2016-05-31 Minimum							
Maximum							
Average		Ţ					
Count	16	1 21 : -:			Signature of D	onsible Official or Authoriz	ed Submission
Name of Responsible Officia or Authorized Representativ	with the information	i submitted herein and ba	ised on my inquiry of th	ose	Signature of Kespo R	epresentative	Date/Time
Thomas Madej	individuals immedia submitted informati	ately responsible for obta on is true, accurate and co for submitting false info	ining the information, I omplete. I am aware tha	believe the t there are			2016-06- 17 08:06
				l l		Page 6	

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 045 2016-05-01 To: 2016-05-31 NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: DISTRICT: NEDO ANALYST: NEORSD

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
2016-05-01	Total	24hr Total						
		0.52						
2016-05-02	1	0.53						
2016-05-03								
2016-05-04								
2016-05-05								
2016-05-06								
2016-05-07								
2016-05-08								
2016-05-09								
2016-05-10								
2016-05-11								
2016-05-12								
2016-05-13								
2016-05-14								
2016-05-15								
2016-05-16								
2016-05-17								
2016-05-18								
2016-05-19								
2016-05-20								
2016-05-21								
2016-05-22								
2016-05-23								
2016-05-24								
2016-05-25								
2016-05-26								
2016-05-27								
2016-05-28								
2016-05-29								
2016-05-30								
2016-05-31								
Minimum	1.0	0.53			_			
Maximum	1.0	0.53						
Average Count	1	0.53						
Name of Responsible Officia	ll r ee a a	1 1 1 1 1		, , , , , l	Ç:	mature of Responsible	Official or Authorized	I Submissi
or Authorized Representative	e with the information	enalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	518	Represe		Date/Tin
Thomas Madej	submitted information	tely responsible for obtai on is true, accurate and co for submitting false info ent.	omplete. I am aware tha	t there are				2016-06 17 08:0
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SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 056 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

PARAMETER	Overflow Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063		 					
UNITS	No./Month	Million Gallons							
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total							
2016-05-01	Total	24111 Total							
2016-05-02	1	1.8382							
2016-05-03									
2016-05-04									
2016-05-05									
2016-05-06									
2016-05-07									
2016-05-08									
2016-05-09									
2016-05-10									
2016-05-11									
2016-05-12									
2016-05-13									
2016-05-14									
2016-05-15									
2016-05-16									
2016-05-17									
2016-05-18									
2016-05-19									
2016-05-20									
2016-05-21									
2016-05-22									
2016-05-23									
2016-05-24									
2016-05-25									
2016-05-26									
2016-05-27									
2016-05-28									
2016-05-29	1	0.0543							
2016-05-30									
2016-05-31									
Minimum	1.0	0.0543							
Maximum Average	1.0	1.8382 0.94625		 					
Count	2	2							
Name of Responsible Officia	I certify under the pe	enalty of law that I have	personally examined an	d am familiar	Sig		Official or Authorized		
or Authorized Representative Thomas Madej	with the information individuals immedia submitted information	submitted herein and ba tely responsible for obtain on is true, accurate and confor submitting false info	sed on my inquiry of th ining the information, I omplete. I am aware tha	ose believe the at there are		Represe		2016- 17 08	-06-
Page 88									

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 058 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063		_				
UNITS	No./Month	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
2016-05-01	Total	24hr Total		 				
2016-05-02	1	13.5165		 				
2016-05-03	1	13.3103		†				
2016-05-04								
2016-05-05				+				
2016-05-06		†						
2016-05-07		†						
2016-05-08				 				
2016-05-09				+				
2016-05-10				+				
2016-05-11				+				
2016-05-12		†						
2016-05-13	1	3.1630						
2016-05-14								
2016-05-15	1	2.4800						
2016-05-16				 				
2016-05-17				 				
2016-05-18				1				
2016-05-19								
2016-05-20								
2016-05-21		1						
2016-05-22								
2016-05-23								
2016-05-24								
2016-05-25								
2016-05-26								
2016-05-27								
2016-05-28								
2016-05-29	1	0.2813						
2016-05-30								
2016-05-31								
Minimum	1.0	0.2813						
Maximum Average	1.0	13.5165 4.8602		 			-	
Count	4	4.8002		 				
Name of Responsible Officia or Authorized Representative	I certify under the p	enalty of law that I have a submitted herein and ba ately responsible for obtain	sed on my inquiry of t	hose	Siş	gnature of Responsible Represe	Official or Authorized	Submission Date/Time
Thomas Madej	submitted informati	on is true, accurate and co for submitting false info	omplete. I am aware th	at there are				2016-06- 17 08:06
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SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 059 2016-05-01 To: 2016-05-31 NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: DISTRICT: NEDO NEORSD

ANALYST: NO DISCHARGE INDICATOR:

PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2016-05-01	Occurrence 74062 No./Month When Disch. Total	74063 Million Gallons		† 				
FREQUENCY SAMPLING TYPE	When Disch.	Million Gallons						
SAMPLING TYPE								
	1 Otal	When Disch. 24hr Total						
		24nr Total		 				
2016-05-02	1	0.1664						
2016-05-03								
2016-05-04		†						
2016-05-05		†						
2016-05-06								
2016-05-07		1		 				
2016-05-08		1						
2016-05-09								
2016-05-10								
2016-05-11				1				
2016-05-12	1	0.05616						
2016-05-13		0.00767						
2016-05-14		1						
2016-05-15								
2016-05-16		1						
2016-05-17		1						
2016-05-18								
2016-05-19								
2016-05-20								
2016-05-21								
2016-05-22								
2016-05-23								
2016-05-24								
2016-05-25								
2016-05-26								
2016-05-27								
2016-05-28								
2016-05-29	1	0.32383						
2016-05-30								
2016-05-31								
Minimum	1.0	0.00767						
Maximum Average	1.0	0.32383 0.13852		-				
Count	3	4		 				
Name of Responsible Officia or Authorized Representativ	I certify under the p	enalty of law that I have particular in submitted herein and ba	sed on my inquiry of th	hose	Sig	gnature of Responsible Represe	Official or Authorized ntative	Submission Date/Time
Thomas Madej	submitted informati	ately responsible for obtain on is true, accurate and confor submitting false informent.	omplete. I am aware th	at there are				2016-06- 17 08:06

SUBMISSION ID: STATUS: 586593 Original

3PA00002*HD 069 2016-05-01 To: 2016-05-31 NEORSD FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: DISTRICT: NEDO ANALYST: NEORSD NO DISCHARGE INDICATOR: AL

PARAMETER CODE		0 ~	1	1					
PARMETER CODE	PARAMETER	Overflow Occurrence	Overflow Volume						
SAMPLING TYPE									
SAMPLING TYPE Total 24lir Total									
2016-05-02 2016-05-04 2016-05-05 2016-05-06 2016-05-07 2016-05-09 2016-05-10 2016-05-11 2016-05-13 2016-05-13 2016-05-14 2016-05-15 2016-05-15 2016-05-15 2016-05-15 2016-05-16 2016-05-17 2016-05-18 2016-05-19 2016-05-20 2016-05-20 2016-05-20 2016-05-20 2016-05-25 2016-05-26 2016-05-27 2016-05-28 2016-05-27 2016-05-38 2016-05-27 2016-05-38 2016-05-27 2016-05-30									
2016-05-03 2016-05-05 2016-05-06 2016-05-07 2016-05-07 2016-05-09 2016-05-10 2016-05-10 2016-05-11 2016-05-12 2016-05-13 2016-05-14 2016-05-15 2016-05-15 2016-05-15 2016-05-16 2016-05-17 2016-05-18 2016-05-19 2016-05-20 2016-05-20 2016-05-22 2016-05-23 2016-05-24 2016-05-25 2016-05-25 2016-05-26 2016-05-27 2016-05-28 2016-05-29 2016-05-29 2016-05-20 2016-05-30	2016-05-01								
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2016-05-06 2016-05-07 2016-05-08 2016-05-09 2016-05-10 2016-05-11 2016-05-12 2016-05-13 2016-05-14 2016-05-15 2016-05-15 2016-05-16 2016-05-16 2016-05-17 2016-05-18 2016-05-19 2016-05-20 2016-05-20 2016-05-21 2016-05-22 2016-05-23 2016-05-24 2016-05-25 2016-05-25 2016-05-26 2016-05-26 2016-05-27 2016-05-28 2016-05-28 2016-05-29 2016-05-29 2016-05-29 2016-05-20 2016-05-20 2016-05-20 2016-05-20 2016-05-20 2016-05-20 2016-05-21 2016-05-21 2016-05-22 2016-05-23 2016-05-23 2016-05-24 2016-05-25 2016-05-26 2016-05-26 2016-05-27 2016-05-28 2016-05-29 2016-05-30	2016-05-03								
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2016-05-10	2016-05-08								
2016-05-12 2016-05-13 2016-05-14 2016-05-15 2016-05-16 2016-05-17 2016-05-18 2016-05-19 2016-05-20 2016-05-21 2016-05-21 2016-05-22 2016-05-23 2016-05-24 2016-05-25 2016-05-25 2016-05-26 2016-05-27 2016-05-28 2016-05-29 2016-05-29 2016-05-29 2016-05-29 2016-05-29 2016-05-29 2016-05-29 2016-05-29 2016-05-29 2016-05-29 2016-05-29 2016-05-29 2016-05-20	2016-05-09								
2016-05-12	2016-05-10								
2016-05-13	2016-05-11								
2016-05-14 2016-05-15 2016-05-16 2016-05-17 2016-05-18 2016-05-19 2016-05-20 2016-05-21 2016-05-22 2016-05-23 2016-05-24 2016-05-25 2016-05-26 2016-05-26 2016-05-27 2016-05-28 2016-05-28 2016-05-29 2016-05-29 2016-05-30 2016-05-30 2016-05-30 2016-05-31 Minimum Maximum Average Name of Responsible Official or Authorized with the information submitted herein and based on my inquiry of those Signature of Responsible Official or Authorized with the information submitted herein and based on my inquiry of those Signature of Responsible Official or Authorized Representative Sub Signature of Responsible Official or Authorized Representative Sub Signature of Responsible Official or Authorized Representative Sub Signature of Responsible Official or Authorized Representative	2016-05-12		İ						
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2016-05-16 2016-05-17 2016-05-18 2016-05-19 2016-05-19 2016-05-20 2016-05-21 2016-05-22 2016-05-23 2016-05-24 2016-05-25 2016-05-26 2016-05-26 2016-05-27 2016-05-27 2016-05-28 2016-05-29 2016-05-29 2016-05-30 2016-05-30 2016-05-30 2016-05-31	2016-05-14								
2016-05-17 2016-05-19 2016-05-20 2016-05-21 2016-05-22 2016-05-23 2016-05-24 2016-05-25 2016-05-25 2016-05-26 2016-05-26 2016-05-27 2016-05-27 2016-05-27 2016-05-28 2016-05-29 2016-05-29 2016-05-30 2016-05-30 2016-05-30 2016-05-31	2016-05-15								
2016-05-18	2016-05-16								
2016-05-20 2016-05-21 2016-05-22 2016-05-23 2016-05-24 2016-05-25 2016-05-26 2016-05-27 2016-05-28 2016-05-29 2016-05-30 2016-05-30 2016-05-31 Minimum Maximum Average Count Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those Submature of Responsible Official or Authorized Representative Submature of Responsible Official or Authorized Rep	2016-05-17								
2016-05-20	2016-05-18								
2016-05-21	2016-05-19								
2016-05-22	2016-05-20								
2016-05-23	2016-05-21								
2016-05-24	2016-05-22								
2016-05-25	2016-05-23								
2016-05-26	2016-05-24								
2016-05-27	2016-05-25								
2016-05-28	2016-05-26								
2016-05-29	2016-05-27								
2016-05-30	2016-05-28		1						
2016-05-31 Minimum Maximum Average Count Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those Signature of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those Signature of Responsible Official or Authorized Submitted National Country of the Signature of Responsible Official or Authorized Submitted National Country of the Signature of Responsible Official or Authorized Submitted National Country of the Signature of Responsible Official or Authorized Submitted National Country of the Signature of Responsible Official or Authorized Submitted National Country of the Signature of Responsible Official Or Authorized Submitted National Country of the Signature of Responsible Official Or Authorized Submitted National Country of the Signature of Responsible Official Or Authorized Submitted National Country of the Signature of Responsible Official Or Authorized Submitted National Country of the Signature of Responsible Official Or Authorized Submitted National Country of the Signature of Responsible Official Or Authorized Submitted National Country of the Signature of Responsible Official Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of the Signature Or Authorized Submitted National Country of t	2016-05-29								
Minimum Maximum Average Count Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those Signature of Responsible Official or Authorized Representative With the information submitted herein and based on my inquiry of those Representative Date of Responsible Official or Authorized Representative Name of Responsible Official or Authorized or Authorized or Authorized or Authorized or Authorized or Authorized or Authorized or Authorized or Authorized or Authorized or Authorized or Authorized Representative Name of Responsible Official or Authorized or Authorized or Authorized or Authorized or Authorized or Authorized Official Official or Authorized Official or Authorized Official	2016-05-30		1						
Maximum Average Count Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those Signature of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those Representative Date	2016-05-31		1						
Average Count Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those Signature of Responsible Official or Authorized Submitted herein and based on my inquiry of those Representative Date	Minimum								
Count Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those Signature of Responsible Official or Authorized Submitted herein and based on my inquiry of those Representative Date									
Name of Responsible Official certify under the penalty of law that I have personally examined and am familiar or Authorized Representative with the information submitted herein and based on my inquiry of those Signature of Responsible Official or Authorized Submitted Signature of Responsible Official or Authorized			 						
or Authorized Representative with the information submitted herein and based on my inquiry of those Representative Date		16	1			Sianat	o of Doenonsil-1-	Official or Authorica	d Submissi
The first the information automated neith and observed in my inquiry of these	or Authorized Representativ	I certify under the per	enalty of law that I have p	personally examined an	d am familiar	signatur			d Submission Date/Time
		individuals immedia submitted information significant penalties	ately responsible for obtain on is true, accurate and confor submitting false info	ining the information, I omplete. I am aware tha	believe the t there are		•		2016-06- 17 08:06

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 072 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEDO NEORSD

ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY CAMPLING TYPE	When Disch.	When Disch. 24hr Total						
2016-05-01	Total	24nr Total						
2016-05-02	1	0.4545						
2016-05-03								
2016-05-04		†						
2016-05-05		1						
2016-05-06								
2016-05-07								
2016-05-08								
2016-05-09								
2016-05-10		†						
2016-05-11		1						
2016-05-12		1						
2016-05-13								
2016-05-14								
2016-05-15								
2016-05-16		1						
2016-05-17		1						
2016-05-18		1						
2016-05-19								
2016-05-20								
2016-05-21								
2016-05-22								
2016-05-23								
2016-05-24								
2016-05-25								
2016-05-26								
2016-05-27								
2016-05-28								
2016-05-29	1	0.0338						
2016-05-30								
2016-05-31								
Minimum	1.0	0.0338						
Maximum	1.0	0.4545						
Average Count	2	0.24415						
Name of Responsible Officia	I certify under the n	enalty of law that I have	nerconally evening des	nd am familiae	Sis	nature of Responsible	Official or Authorized	Submission
or Authorized Representativ Thomas Madej	with the information individuals immedia submitted information significant penalties	n submitted herein and ba ately responsible for obta- on is true, accurate and co s for submitting false info	sed on my inquiry of the ining the information, I complete. I am aware the	ose believe the at there are		Represe	ntative	2016-06- 17 08:06
	fine and imprisonm	ent.					Page 12	12

SUBMISSION ID: STATUS: Original 586593

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER:

LOCATION:

3PA00002*HD 080 2016-05-01 To: 2016-05-31 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: DISTRICT: NEDO ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630	00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-05-01							1
2016-05-02							1
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12							1
2016-05-13							
2016-05-14							1
2016-05-15							1
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28							
2016-05-29							1
2016-05-30							
2016-05-31							
Minimum							1.0
Maximum							1.0
Average							1
Count							6
Name of Responsible Officia or Authorized Representativ		nalty of law that I have I			gnature of Responsible Represer	Official or Authorized	Submission Date/Time
Thomas Madej	individuals immediat submitted informatio	submitted herein and ba tely responsible for obtain in is true, accurate and co for submitting false info ant.	ning the information, I omplete. I am aware that	believe the at there are	Kepreser	нашус	2016-06- 17 08:06

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 080 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: NEDO ANALYST: NEORSD DISTRICT:

PARAMETER	Overflow Volume	CROD 5 day		1	1			
PARAMETER CODE	74063	CBOD 5 day 80082	 					
UNITS	Million Gallons	mg/l						
FREQUENCY	When Disch.	When Disch.	ļ					
SAMPLING TYPE	24hr Total	Grab						
2016-05-01	0.0284							
2016-05-02	2.8996							
2016-05-03								
2016-05-04								
2016-05-05								
2016-05-06								
2016-05-07								
2016-05-08								
2016-05-09								
2016-05-10								
2016-05-11								
2016-05-12	0.1198							
2016-05-13	1.6723		1					
2016-05-14	0.0027		1					
2016-05-15	0.108							
2016-05-16			1					
2016-05-17								
2016-05-18								
2016-05-19			1					
2016-05-20			1					
2016-05-21			1					
2016-05-22								
2016-05-23								
2016-05-24								
2016-05-25								
2016-05-26								
2016-05-27								
2016-05-28								
2016-05-29	1.711							
2016-05-30								
2016-05-31								
Minimum	0.0027							
Maximum	2.8996							
Average	0.93454		ļ					
Count	7		<u> </u>	<u> </u>		6 D	0.00	
Name of Responsible Officia or Authorized Representativ	r certary ander the pen		personally examined an ased on my inquiry of th		Signatu	ire of Responsible Represe	Official or Authorized ntative	Submission Date/Time
individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.						Trop. est	Page 14	2016-06- 17 08:06

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 088 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

PARAMETER	Overflow Occurrence per Year	Overflow Volume					
PARAMETER CODE	51709	74063					
UNITS	No./Year	Million Gallons				 	
FREQUENCY	When Disch.	When Disch.					
SAMPLING TYPE	Total	24hr Total				-	
2016-05-01							
2016-05-02	1	0.1212					
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12	1	0.101					
2016-05-13		0.1111					
2016-05-14							
2016-05-15							
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28							
2016-05-29	1	0.0909					
2016-05-30						 	
2016-05-31							
Minimum		0.0909					
Maximum		0.1212					
Average	ļ	0.10605					
Count	<u> </u>	4					1 -
Name of Responsible Officia or Authorized Representativ	with the information	submitted herein and ba	personally examined an sed on my inquiry of th	ose	Signature of Responsibl Represe	e Official or Authorized entative	Submission Date/Time
Thomas Madej	individuals immediat submitted information	ely responsible for obtain is true, accurate and co or submitting false info	ining the information, I omplete. I am aware tha rmation, including the p	believe the t there are			2016-06- 17 08:06
						Page 151	5

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 200 2016-05-01 To: 2016-05-31 NEORSD NEORSD COUNTY: DISTRICT: NEDO ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER CODE	Solids 00530 mg/l When Disch. Grab	(NH3) 00610 mg/1 When Disch. Grab	Total 00625 mg/l When Disch. Grab	Total 00630 mg/l When Disch. Grab	(P) 00665 mg/1 When Disch. Grab	31648 #/100 ml When Disch. Grab	Occurrence 74062 No./Month When Disch. Total
UNITS FREQUENCY SAMPLING TYPE 2016-05-01 2016-05-02 2016-05-03 2016-05-04 2016-05-05 2016-05-06	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	#/100 ml When Disch.	When Disch.
2016-05-01 2016-05-02 2016-05-03 2016-05-04 2016-05-05 2016-05-06							
2016-05-01 2016-05-02 2016-05-03 2016-05-04 2016-05-05 2016-05-06	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-05-02 2016-05-03 2016-05-04 2016-05-05 2016-05-06							
2016-05-03 2016-05-04 2016-05-05 2016-05-06							
2016-05-04 2016-05-05 2016-05-06							' l
2016-05-05 2016-05-06							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12							
2016-05-13							
2016-05-14							
2016-05-15							
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19				<u> </u>			
2016-05-20				 			
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28				ļ	ļ)
2016-05-29							1
2016-05-30							
2016-05-31							
Minimum Maximum							1.0 1.0
Average				 			1.0
Count							1
Name of Responsible Official	r corting amaer the pe	nalty of law that I have I		ia ani ramina	gnature of Responsible		
or Authorized Representative	individuals immediat	submitted herein and ba ely responsible for obtain is true, accurate and co	ning the information, I	believe the	Represer	пануе	Date/Time 2016-06-
Thomas Madej		for submitting false infor				Page 16	17 08:06

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 200 2016-05-01 To: 2016-05-31 NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day	ı		1	Т	i	
PARAMETER CODE	74063	80082	 			- 		
UNITS	Million Gallons	mg/l						
FREQUENCY	When Disch.	When Disch.				$\overline{}$		
SAMPLING TYPE	24hr Total	Grab	<u> </u>		_			
2016-05-01					_			
2016-05-02								
2016-05-03								
2016-05-04								
2016-05-05								
2016-05-06								
2016-05-07								
2016-05-08								
2016-05-09								
2016-05-10								
2016-05-11								
2016-05-12								
2016-05-13								
2016-05-14								
2016-05-15			<u> </u>					
2016-05-16								
2016-05-17						-		
2016-05-18						-		
2016-05-19			 		_			
						-		
2016-05-20						-		
2016-05-21						\longrightarrow		
2016-05-22								
2016-05-23						\longrightarrow		
2016-05-24								
2016-05-25								
2016-05-26								
2016-05-27								
2016-05-28								
2016-05-29	4.6118							
2016-05-30								
2016-05-31								
Minimum	4.6118							
Maximum	4.6118							
Average	4.6118							<u> </u>
Count	1		I				0.00	
Name of Responsible Official or Authorized Representative	a corting ander the pen		personally examined an		Signature of Ro	esponsible (Represen	Official or Authorized	Submission Date/Time
Thomas Madej	individuals immediate submitted information	ly responsible for obta is true, accurate and or or submitting false info	ased on my inquiry of the ining the information, I complete. I am aware that ormation, including the p	believe the t there are			Page 17	2016-06- 17 08:06

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 202 2016-05-01 To: 2016-05-31 NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitr Total	rate, Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630	00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY CAMPLING TYPE	When Disch.	When Disch.	When Disch.	When Disch.		When Disch.	When Disch.
2016-05-01	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-05-02							1
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12							1
2016-05-13							
2016-05-14							
2016-05-15							
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28							
2016-05-29							1
2016-05-30							
2016-05-31							
Minimum Maximum							1.0 1.0
Average		 					1.0
Count							3
Name of Responsible Officia or Authorized Representativ	e with the information	nalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	Signature of Responsible Represe		
Thomas Madej	submitted information	tely responsible for obtaining is true, accurate and confor submitting false informat.	omplete. I am aware tha	t there are			2016-06- 17 08:06

NEORSD

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 202 2016-05-01 To: 2016-05-31 NEORSD COUNTY:

DISTRICT: NEDO ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day	I				
PARAMETER CODE	74063	80082					
UNITS	Million Gallons	mg/l					
FREQUENCY SAMPLING TYPE	When Disch. 24hr Total	When Disch. Grab	 				
2016-05-01	2-111 10001	Giao	1				
2016-05-02	1.7488						
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12	0.0148						
2016-05-13							
2016-05-14							
2016-05-15							
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28							
2016-05-29	2.3368						
2016-05-30							
2016-05-31							
Minimum	0.0148						
Maximum Average	2.3368 1.3668		<u> </u>			-	
Count	3		 				
Name of Responsible Officia	I certify under the nea	nalty of law that I have	personally examined an	d am familiar	Signature of Responsib	e Official or Authorized	
or Authorized Representative Thomas Madej	with the information individuals immediate submitted information	submitted herein and basely responsible for obtain is true, accurate and cor submitting false info	ased on my inquiry of the hining the information, I complete. I am aware that primation, including the p	ose believe the t there are	Repres	entative Page 19	2016-06- 17 08:06

SUBMISSION ID: STATUS: Original 586593

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 206 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitra Total	ate, Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630	00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY SAMPLING TYPE	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-05-01	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-05-02							1
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12							
2016-05-13							
2016-05-14							
2016-05-15							
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28							
2016-05-29							
2016-05-30							
2016-05-31							
Minimum							1.0
Maximum Average		 			+		1.0
Count		1					1
Name of Responsible Officia or Authorized Representativ	with the information	nalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	Signature of Responsible Represe		Submission Date/Time
Thomas Madej	submitted information	tely responsible for obtaining is true, accurate and conform submitting false information.	omplete. I am aware tha	t there are			2016-06- 17 08:06

Original SUBMISSION ID: STATUS: 586593

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-05-01 To: 2016-05-31 NEORSD NEORSD COUNTY: DISTRICT: NEDO ANALYST:

PARAMETER	Overflow Volume	CBOD 5 day							
PARAMETER CODE	74063	80082							
UNITS FREQUENCY	Million Gallons When Disch.	mg/l When Disch.							
SAMPLING TYPE	24hr Total	Grab	1						
2016-05-01									
2016-05-02	1.5677								
2016-05-03									
2016-05-04									
2016-05-05									
2016-05-06									
2016-05-07									
2016-05-08									
2016-05-09									
2016-05-10									
2016-05-11									
2016-05-12									
2016-05-13									
2016-05-14									
2016-05-15									
2016-05-16									
2016-05-17									
2016-05-18									
2016-05-19									
2016-05-20									
2016-05-21									
2016-05-22									
2016-05-23									
2016-05-24									
2016-05-25									
2016-05-26									
2016-05-27									
2016-05-28									
2016-05-29									
2016-05-30									
2016-05-31									
Minimum	1.5677								
Maximum Average	1.5677 1.5677		-		-+				
Count	1.3077		1						
Name of Responsible Officia	I certify under the per	nalty of law that I have	personally examined an	d am familiar	Signa		Official or Authorized		omission
or Authorized Representative Thomas Madej	with the information individuals immediate submitted information	submitted herein and ba ely responsible for obta n is true, accurate and c for submitting false info	used on my inquiry of the ining the information, I omplete. I am aware that ormation, including the p	ose believe the t there are		Represei	Page 21	20	016-06- 7 08:06

SUBMISSION ID: STATUS: Original 586593

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 211 2016-05-01 To: 2016-05-31 NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

PARAMETER CODE UNITS	Occurrence 74062						
		74063				1	
	No./Month	Million Gallons			1	i	
FREQUENCY	When Disch.	When Disch.			ļ		
SAMPLING TYPE	Total	24hr Total					
2016-05-01	1	0.448			.		
2016-05-02	1	1.484					
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12							
2016-05-13	1	0.238					
2016-05-14							
2016-05-15							
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21					1		
2016-05-22							
2016-05-23					1		
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28		1				 	
2016-05-29	1	0.42					
2016-05-30		1				 	
2016-05-31		1					
Minimum	1.0	0.238			 	 	
Maximum	1.0	1.484					
Average	1	0.6475					
Count	4	4		T	1		la
Name of Responsible Officia or Authorized Representativ	with the information	enalty of law that I have n submitted herein and ba ately responsible for obta	sed on my inquiry of tho	se	Signature of Responsible Represe	e Official or Authorized entative	Submission Date/Time
Thomas Madej	submitted informati	on is true, accurate and cos for submitting false info	omplete. I am aware that	there are			2016-06- 17 08:06

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 218 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitra Total	ate, Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630	00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY SAMPLING TYPE	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-05-01	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-05-02							1
2016-05-03							
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12							1
2016-05-13							
2016-05-14							
2016-05-15							1
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28							
2016-05-29							1
2016-05-30							
2016-05-31							
Minimum Maximum							1.0 1.0
Average		 				 	1.0
Count							4
Name of Responsible Officia or Authorized Representativ	with the information	enalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	Signature of Responsible Represe		Submission Date/Time
Thomas Madej	submitted information	tely responsible for obtaining is true, accurate and conform submitting false informat.	omplete. I am aware tha	t there are			2016-06- 17 08:06

SUBMISSION ID: STATUS: Original 586593

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 218 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEORSD

NEDO ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day	ſ			1			
PARAMETER CODE	74063	80082							
UNITS	Million Gallons	mg/l							
FREQUENCY SAMPLING TYPE	When Disch. 24hr Total	When Disch. Grab							
2016-05-01	2411 10141	Giao	1						
2016-05-02	0.7426								
2016-05-03									
2016-05-04									
2016-05-05									
2016-05-06									
2016-05-07									
2016-05-08									
2016-05-09									
2016-05-10									
2016-05-11									
2016-05-12	0.0374								
2016-05-13	0.1538								
2016-05-14									
2016-05-15	0.0356								
2016-05-16									
2016-05-17									
2016-05-18									
2016-05-19									
2016-05-20									
2016-05-21									
2016-05-22									
2016-05-23									
2016-05-24									
2016-05-25									
2016-05-26									
2016-05-27									
2016-05-28									
2016-05-29	0.3219								
2016-05-30									
2016-05-31									
Minimum	0.0356								
Maximum Average	0.7426 0.25826		-						
Count	5		 						
Name of Responsible Officia	al I certify under the per	nalty of law that I have	personally examined an	d am familiar	Siş	gnature of Responsible		d	Submission
or Authorized Representative Thomas Madej	with the information individuals immediate submitted information	submitted herein and basely responsible for obtain is true, accurate and coor submitting false info	ased on my inquiry of the ining the information, I omplete. I am aware the ormation, including the p	ose believe the t there are		Represe	Page 24	24	2016-06- 17 08:06
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SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 232 2016-05-01 To: 2016-05-31 NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

PARAMETER	Overflow Occurrence per Year	Overflow Volume						
PARAMETER CODE	51709	74063						
UNITS	No./Year	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
2016-05-01	Total Estimate AH	Total Estimate AH						
2016-05-02	AH	AH						
2016-05-03	AH	AH						
2016-05-04	AH	AH						
2016-05-05	AH	AH						
2016-05-06	АН	AH						
2016-05-07	АН	AH						
2016-05-08	АН	AH						
2016-05-09	АН	AH						
2016-05-10	АН	АН						
2016-05-11	АН	AH						
2016-05-12	АН	AH						
2016-05-13	АН	АН						
2016-05-14	АН	AH						
2016-05-15	АН	AH						
2016-05-16	АН	AH						
2016-05-17	АН	AH						
2016-05-18	АН	AH						
2016-05-19	АН	АН						
2016-05-20	АН	АН						
2016-05-21	АН	АН						
2016-05-22	АН	АН						
2016-05-23	АН	АН						
2016-05-24	АН	AH						
2016-05-25	АН	АН						
2016-05-26	АН	АН						
2016-05-27	АН	АН						
2016-05-28	АН	АН						
2016-05-29	АН	АН						
2016-05-30	АН	АН						
2016-05-31	АН	АН						
Minimum								
Maximum Average				 				
Count								
Name of Responsible Officia or Authorized Representativ	with the information	nalty of law that I have p submitted herein and ba	sed on my inquiry of th	iose .	Sig	gnature of Responsible Represe	e Official or Authorized ntative	Submission Date/Time
Thomas Madej	submitted information	ely responsible for obtain is true, accurate and coror submitting false infont.	omplete. I am aware th	at there are				2016-06- 17 08:06
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SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: REPORTING LAB: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 239 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitra Total	te, Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630	00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY SAMPLING TYPE	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-05-01	Grab	Grab	Grab	Grab	Grab	Grab	Total 1
2016-05-02					_		1
2016-05-03					_		1
2016-05-04					_		
2016-05-05					_		
2016-05-06					_		
2016-05-07					_		
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12							1
2016-05-13							
2016-05-14							1
2016-05-15							
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28							
2016-05-29							1
2016-05-30							
2016-05-31							
Minimum							1.0
Maximum Average					+		1.0
Count					+		5
Name of Responsible Officia or Authorized Representativ	e with the information	nalty of law that I have p submitted herein and ba	sed on my inquiry of th	ose	Signature of Responsible Represer		
Thomas Madej	submitted information	tely responsible for obtain on is true, accurate and confor submitting false informat.	omplete. I am aware tha	t there are			2016-06- 17 08:06

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 239 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2016-05-01 2016-05-02 2016-05-03 2016-05-04 2016-05-05 2016-05-06 2016-05-07 2016-05-08 2016-05-09	74063 Million Gallons When Disch. 24hr Total 0.5852 4.2454	80082 mg/I When Disch. Grab					
FREQUENCY SAMPLING TYPE 2016-05-01 2016-05-02 2016-05-03 2016-05-04 2016-05-05 2016-05-06 2016-05-07 2016-05-08	When Disch. 24hr Total 0.5852	When Disch.					
2016-05-01 2016-05-02 2016-05-03 2016-05-04 2016-05-05 2016-05-06 2016-05-07 2016-05-08	24hr Total 0.5852						
2016-05-01 2016-05-02 2016-05-03 2016-05-04 2016-05-05 2016-05-06 2016-05-07 2016-05-08	0.5852						
2016-05-03 2016-05-04 2016-05-05 2016-05-06 2016-05-07 2016-05-08	4.2454						
2016-05-04 2016-05-05 2016-05-06 2016-05-07 2016-05-08							
2016-05-05 2016-05-06 2016-05-07 2016-05-08							
2016-05-06 2016-05-07 2016-05-08						1	
2016-05-07 2016-05-08							
2016-05-08							
2016-05-09							
2010-03-07							
2016-05-10							
2016-05-11							
2016-05-12	0.0729						
2016-05-13	0.6793						
2016-05-14	0.1379						
2016-05-15							
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							· · ·
2016-05-28							
2016-05-29	0.1561						
2016-05-30	0.0094						
2016-05-31							
Minimum	0.0094			ļ —			
Maximum	4.2454			-	+	 	
Average Count	0.84089 7		1	 	+	 	
Name of Responsible Official		1. 61 4 11	11 . 1	1 6 77	Signature of Responsible	Official or Authorized	Submission
or Authorized Representative Thomas Madej	with the information s individuals immediate submitted information	submitted herein and bely responsible for obtaining true, accurate and cor submitting false info	personally examined an ased on my inquiry of th aining the information, I complete. I am aware that ormation, including the p	believe the at there are	Represe		Date/Time 2016-06- 17 08:06

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 242 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD

NO DISCHARGE INDICATOR:

PARAMETER	Overflow	Overflow Volume			T			
PARAMETER CODE	Occurrence 74062	74063						
UNITS	No./Month	Million Gallons		 				
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-05-01								
2016-05-02	1	0.5955						
2016-05-03								
2016-05-04								
2016-05-05								
2016-05-06								
2016-05-07								
2016-05-08								
2016-05-09								
2016-05-10								
2016-05-11								
2016-05-12								
2016-05-13	1	0.2249						
2016-05-14								
2016-05-15								
2016-05-16								
2016-05-17								
2016-05-18								
2016-05-19								
2016-05-20								
2016-05-21								
2016-05-22								
2016-05-23								
2016-05-24								
2016-05-25								
2016-05-26								
2016-05-27								
2016-05-28					1			
2016-05-29								
2016-05-30								
2016-05-31								
Minimum	1.0	0.2249						
Maximum	1.0	0.5955					ļ	
Average Count	2	0.4102	}					
Name of Responsible Officia	al r	•		1 E- 11	Sign	nature of Responsible	Official or Authorized	d Submission
or Authorized Representative Thomas Madej	with the information individuals immedia submitted information	enalty of law that I have a submitted herein and battely responsible for obtain on is true, accurate and confor submitting false informat.	used on my inquiry of the ining the information, I omplete. I am aware that	ose believe the at there are		Represe	ntative	2016-06- 17 08:06
							Page 28	28

SUBMISSION ID: STATUS: 586593 Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 258 **2016-05-01** To: **2016-05-31** NEORSD COUNTY: DISTRICT: NEDO ANALYST: NEORSD NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Occurrence	Overflow Volume					
PARAMETER CODE	74062	74063			+	1	
UNITS	No./Month	Million Gallons					
FREQUENCY	When Disch.	When Disch.					
2016-05-01	Total	24hr Total				 	
2016-05-01		+			-	 	
2016-05-03		+			-	 	
2016-05-04		+			-	 	
2016-05-05		+			-	 	
2016-05-06		 					
2016-05-07		+					
		+	-			 	
2016-05-08		+				-	
2016-05-09		+				-	
2016-05-10		+				-	
2016-05-11		+			_	-	
2016-05-12 2016-05-13		+			+	 	
		+			+	 	
2016-05-14		+				-	
2016-05-15		+			+	 	
2016-05-16		+				-	
2016-05-17		-				-	
2016-05-18		+				-	
2016-05-19		+				-	
2016-05-20		+				-	
2016-05-21 2016-05-22		+			_	 	
2016-05-23		+			-	 	
2016-05-24		+			+	 	
2016-05-25		+					
2016-05-26		1			+	 	
2016-05-27					+	 	
2016-05-27		1				 	
2016-05-29						 	
2016-05-30		1			+	 	
2016-05-31		1				 	
Minimum		 			+	-	
Maximum							
Average							
Count							
Name of Responsible Official or Authorized Representative	I certify under the p	enalty of law that I have job submitted herein and ba	personally examined an	d am familiar ose	Signature of Responsible Represe		Submission Date/Time
Thomas Madej	individuals immedia submitted informati	ately responsible for obtain on is true, accurate and confor submitting false info	ining the information, I omplete. I am aware that	believe the t there are			2016-06- 17 08:06
				<u> </u>		Page 292	9

FACILITY: Northeast Ohio Regional SD LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115

PERMIT NUMBER: 3PA00002*HD MONITORING PERIOD: 2016-05-01 To: 2016-05-31

GENERAL REPORT COMMENT: Sampling required two times per year.

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
045	Overflow Volume	74063	2016-05- 02	Million Gallons	Model data used to estimate volume for event. Flow calculation is under review.
232	Overflow Occurrence per Year	51709	2016-05- 01	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 02	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 03	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 04	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 05	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 06	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 07	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 08	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 09	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 10	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 11	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 12	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 13	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 14	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 15	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 16	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 17	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 18	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 19	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 20	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 21	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 22	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 23	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 24	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence	51709	2016-05-	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232

	per Year		25		should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 26	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 27	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 28	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 29	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 30	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-05- 31	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 01	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 02	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 03	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 04	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 05	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 06	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 07	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 08	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 09	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 10	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 11	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 12	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 13	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 14	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 15	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 16	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 17	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 18	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 19	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 20	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 21	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 22	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 23	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 24	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 25	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.

232	Overflow Volume	74063	2016-05- 26	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 27	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 28	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 29	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 30	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-05- 31	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

025 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS	No./Month	Million Gallons							
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total							
2016-06-01	Total	24III 10tai							
2016-06-02									
2016-06-03									
2016-06-04									
2016-06-05									
2016-06-06								-	
2016-06-07									
2016-06-08								-	
2016-06-09									
2016-06-10									
2016-06-11								-	
2016-06-12									
2016-06-13									
2016-06-14									
2016-06-15									
2016-06-16									
2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20									
2016-06-21									
2016-06-22									
2016-06-23									
2016-06-24									
2016-06-25									
2016-06-26									
2016-06-27									
2016-06-28									
2016-06-29									
2016-06-30									
Minimum									
Maximum									
Average									
Count								<u> </u>	
Name of Responsible Official or Authorized Representative		nalty of law that I have p	ersonally examined and	l am familiar	Sig	gnature of Responsible Represe		d	Submission Date/Time
Thomas Madej	individuals immediate submitted information	submitted herein and basely responsible for obtain in is true, accurate and co for submitting false infor int.	ning the information, I b implete. I am aware that	believe the there are		Represe	manve		2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 035

STATION CODE: MONITORING PERIOD: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: REPORTING LAB:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR:

	Overflow	Γ			Г	1		
PARAMETER	Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-06-01								
2016-06-02								
2016-06-03								
2016-06-04								
2016-06-05	1	0.0239						
2016-06-06								
2016-06-07								
2016-06-08								
2016-06-09								
2016-06-10								
2016-06-11								
2016-06-12								
2016-06-13								
2016-06-14								
2016-06-15								
2016-06-16	1	0.0653						
2016-06-17								
2016-06-18								
2016-06-19								
2016-06-20								
2016-06-21								
2016-06-22								
2016-06-23								
2016-06-24								
2016-06-25								
2016-06-26								
2016-06-27								
2016-06-28								
2016-06-29								
2016-06-30								
Minimum	1.0	0.0239						
Maximum Average	1.0	0.0653 0.0446			\longrightarrow			
Count	2	2			- 			
Name of Responsible Officia	. 1	nalty of law that I have p	personally examined and	am familia-	Sign	nature of Responsible	Official or Authorized	Submission
or Authorized Representativ Thomas Madej	with the information individuals immediat submitted informatio	submitted herein and ba- tely responsible for obtain in is true, accurate and co- for submitting false infor	sed on my inquiry of tho ning the information, I b emplete. I am aware that	se elieve the there are		Represe	ntative	2016-07- 19 11:07
	fine and imprisonme			-			Page 22	

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

038 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063	-					
UNITS	No./Month	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
2016-06-01	Total	24hr Total						
2016-06-02								
2016-06-03								
2016-06-04		-						
2016-06-05								
2016-06-06								
2016-06-07								
2016-06-08								
2016-06-09								
2016-06-10								
2016-06-11								
2016-06-12								
2016-06-13								
2016-06-14								
2016-06-15								
2016-06-16								
2016-06-17								
2016-06-18								
2016-06-19								
2016-06-20								
2016-06-21								
2016-06-22								
2016-06-23								
2016-06-24								
2016-06-25								
2016-06-26								
2016-06-27				-				
2016-06-28				 				
2016-06-29		 		-				
2016-06-30								
Minimum		 						
Maximum		 						
Average		<u> </u>						
Count		<u> </u>	Í			<u> </u>		
Name of Responsible Officia or Authorized Representativ	r corting amaer the pe	nalty of law that I have p			Sig	gnature of Responsible Represe	Official or Authorized	Submissio Date/Time
Thomas Madej	individuals immediate submitted information	submitted herein and base tely responsible for obtain on is true, accurate and co- for submitting false informat.	ning the information, I to implete. I am aware that	elieve the there are		Represe	Page 33	2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

3826 Euclid Ave CLEVELAND, OH 44115 STATION CODE: MONITORING PERIOD: 040 LOCATION:

2016-06-01 To: 2016-06-30 Mark Citriglia COUNTY: Cuyahoga REPORTING LAB: NEDO DISTRICT: ANALYST: Mark Citriglia

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630	00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY SAMPLING TYPE	When Disch. Grab	When Disch. Grab	When Disch. Grab	When Disch. Grab	When Disch. Grab	When Disch. Grab	When Disch. Total
2016-06-01	Grad	- Grad	Grae	Grae	O. a.o.	Giad	10111
2016-06-02							
2016-06-03							
2016-06-04							
2016-06-05							1
2016-06-06							
2016-06-07							
2016-06-08							
2016-06-09							
2016-06-10							
2016-06-11							
2016-06-12							
2016-06-13							
2016-06-14							
2016-06-15							
2016-06-16	348	3.432	11.05	0.852	1.923	651000	1
2016-06-17							
2016-06-18							
2016-06-19							
2016-06-20							
2016-06-21							
2016-06-22							
2016-06-23							
2016-06-24							
2016-06-25							
2016-06-26							
2016-06-27							
2016-06-28							
2016-06-29							
2016-06-30							
Minimum	348.0	3.432	11.05	0.852	1.923	651000.0	1.0
Maximum	348.0	3.432	11.05	0.852	1.923	651000.0	1.0
Average	348	3.432	11.05	0.852	1.923	651000	2
Count	1	1	1	1	1	Official on Authorized	Submissi
ame of Responsible Officia Authorized Representativ	with the information individuals immediat	nalty of law that I have p submitted herein and bas ely responsible for obtain	ed on my inquiry of the ning the information, I b	ose pelieve the	gnature of Responsible Represen		Date/Tir
Thomas Madej	submitted informatio significant penalties fine and imprisonmen	n is true, accurate and co for submitting false infor nt.	mplete. I am aware that mation, including the p	there are ossibility of			2016-07 19 11:0

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: 040 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 2016-06-01 To: 2016-06-30 Mark Citriglia COUNTY: REPORTING LAB: NEDO DISTRICT: ANALYST: Mark Citriglia

NO DISCHARGE INDICATOR:

	T		1				r	
PARAMETER PARAMETER CODE	Overflow Volume 74063	CBOD 5 day 80082						
UNITS	Million Gallons	mg/l	1					
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	24hr Total	Grab						
2016-06-01								
2016-06-02								
2016-06-03								
2016-06-04								
2016-06-05	1.7075							
2016-06-06								
2016-06-07								
2016-06-08								
2016-06-09								
2016-06-10								
2016-06-11								
2016-06-12								
2016-06-13								
2016-06-14								
2016-06-15								
2016-06-16	0.4378	72						
2016-06-17								
2016-06-18								
2016-06-19								
2016-06-20								
2016-06-21								
2016-06-22								
2016-06-23				1				
2016-06-24								
2016-06-25								
2016-06-26								
2016-06-27								
2016-06-28								
2016-06-29								
2016-06-30				1				
Minimum	0.4378	72.0						
Maximum	1.7075	72.0						
Average	1.07265	72	-	-				
Count	2	1				mature of D11	Official on A41	Cy-1
Name of Responsible Officia or Authorized Representative	with the information s individuals immediate	ubmitted herein and ba	personally examined an used on my inquiry of th ining the information, I	ose believe the	Sig	Represe	Official or Authorized ntative	Date/Time
Thomas Madej		or submitting false info	omplete. I am aware that rmation, including the p				Page 55	2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

044 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

-									
PARAMETER	Overflow Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS	No./Month	Million Gallons							
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total							
2016-06-01	Total	2-111 10tai							
2016-06-02									
2016-06-03									
2016-06-04									
2016-06-05									
2016-06-06									
2016-06-07									
2016-06-08		ì							
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13									
2016-06-14									
2016-06-15									
2016-06-16									
2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20									
2016-06-21									
2016-06-22									
2016-06-23									
2016-06-24									
2016-06-25									
2016-06-26									
2016-06-27									
2016-06-28									
2016-06-29									
2016-06-30									
Minimum		<u> </u>							
Maximum		ļ	ļ						
Average		 	ļ						
Count		<u> </u>		<u> </u>	· ~·		000.11 1 3 1	Ļ	61
Name of Responsible Official or Authorized Representative		nalty of law that I have p	personally examined and	l am familiar	Sig	gnature of Responsible Represe	Official or Authorized	1	Submission Date/Time
Thomas Madej	individuals immediat submitted information	submitted herein and basely responsible for obtain is true, accurate and cofor submitting false infornat.	ning the information, I to emplete. I am aware that	there are		Represe	uunitt		2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

045 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS	No./Month	Million Gallons							
FREQUENCY CAMPLING TYPE	When Disch.	When Disch.							
SAMPLING TYPE 2016-06-01	Total	24hr Total							
2016-06-02									
2016-06-03								-	
2016-06-04									
2016-06-05									
2016-06-06									
2016-06-07									
2016-06-08									
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13									
2016-06-14									
2016-06-15									
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2016-06-25									
2016-06-26									
2016-06-27									
2016-06-28									
2016-06-29									
2016-06-30									
Minimum									
Maximum									
Average									
Count									
Name of Responsible Officia		nalty of law that I have p	ersonally examined and	am familiar	Si	gnature of Responsible		d	Submission
or Authorized Representativ	e with the information	submitted herein and bas	sed on my inquiry of the	se		Represe	ntative		Date/Time
		ely responsible for obtain is true, accurate and co							2016-07-
Thomas Madej	significant penalties f	or submitting false infor	mation, including the po	ossibility of					19 11:07
	fine and imprisonmen	nt.			<u> </u>				
							D 77		

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

056 **2016-06-01** To: **2016-06-30** NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT:

ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Overflow	Overflow Volume					I	
PARAMETER CODE	Occurrence 74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-06-01								
2016-06-02								
2016-06-03								
2016-06-04								
2016-06-05	1	0.1732						
2016-06-06								
2016-06-07								
2016-06-08								
2016-06-09								
2016-06-10								
2016-06-11								
2016-06-12								
2016-06-13								
2016-06-14								
2016-06-15								
2016-06-16								
2016-06-17								
2016-06-18								
2016-06-19								
2016-06-20								
2016-06-21								
2016-06-22								
2016-06-23	1	0.0002						
2016-06-24								
2016-06-25								
2016-06-26								
2016-06-27		1						
2016-06-28		1						
2016-06-29		1						
2016-06-30		1						
Minimum	1.0	2.0E-4						
Maximum	1.0	0.1732			二丁			
Average Count	2	0.0867	 		-+			
	: -	•		1	C!	4	Off: -: -1 A4b:1	C
Name of Responsible Officia or Authorized Representativ	with the information	n submitted herein and bas ately responsible for obtai	personally examined and am sed on my inquiry of those ning the information, I belie complete. I am aware that the	eve the	Signa	Represe	Official or Authorized ntative	Submission Date/Time
Thomas Madej	significant penalties fine and imprisonme	for submitting false infor	mation, including the possi	ibility of			Page 88	19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

058 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume						
PARAMETER CODE	74062	74063						
UNITS	No./Month	Million Gallons						
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-06-01								
2016-06-02		-						
2016-06-03		ļ						
2016-06-04								
2016-06-05	1	0.2823						
2016-06-06								
2016-06-07								
2016-06-08								
2016-06-09								
2016-06-10								
2016-06-11								
2016-06-12								
2016-06-13								
2016-06-14								
2016-06-15								
2016-06-16	1	2.7355						
2016-06-17								
2016-06-18								
2016-06-19								
2016-06-20								
2016-06-21								
2016-06-22								
2016-06-23								
2016-06-24								
2016-06-25								
2016-06-26								
2016-06-27		1						
2016-06-28								
2016-06-29								
2016-06-30								
Minimum	1.0	0.2823						
Maximum	1.0	2.7355						
Average	1	1.5089						
Count Name of Responsible Officia	2	2	<u> </u>		Çi	nature of Responsible	Official or Authorized	Submission
or Authorized Representativ		enalty of law that I have p submitted herein and base	personally examined and sed on my inquiry of the	am familiar ose	318	Represe		Date/Tim
Thomas Madej	individuals immedia submitted information	tely responsible for obtai on is true, accurate and co for submitting false infor	ning the information, I lomplete. I am aware that	believe the there are				2016-07 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

059 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow	Overflow Volume						
PARAMETER CODE	Occurrence 74062	74063		 				
UNITS	No./Month	Million Gallons		 				
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total		 				
2016-06-01								
2016-06-02				-				
2016-06-03								
2016-06-04								
2016-06-05								
2016-06-06								
2016-06-07								
2016-06-08								
2016-06-09								
2016-06-10								
2016-06-11								
2016-06-12								
2016-06-13								
2016-06-14								
2016-06-15								
2016-06-16								
2016-06-17								
2016-06-18								
2016-06-19								
2016-06-20				1				
2016-06-21								
2016-06-22								
2016-06-23								
2016-06-24								
2016-06-25								
2016-06-26		1						
2016-06-27				 				
2016-06-28		 		 				
2016-06-29								
2016-06-30								
2016-06-30 Minimum								
Maximum		<u> </u>						
Average								
Count Name of Responsible Official	L certify under the ne	nalty of law that I have p	ersonally evamined and	l am familiae	Si	I gnature of Responsible	Official or Authorized	Submission
or Authorized Representative	e with the information	submitted herein and bas	sed on my inquiry of the	ose		Represe		Date/Time
Individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.							2016-07- 19 11:07	
and and improvement					•		Page 10	10

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

069 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

-									
PARAMETER	Overflow Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS	No./Month	Million Gallons							
FREQUENCY SAMPLING TYPE	When Disch. Total	When Disch. 24hr Total							
2016-06-01	Total	24III 10tai							
2016-06-02									
2016-06-03									
2016-06-04									
			-						
2016-06-05									
2016-06-06									
2016-06-07									
2016-06-08									
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13									
2016-06-14									
2016-06-15									
2016-06-16									
2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20									
2016-06-21									
2016-06-22									
2016-06-23									
2016-06-24									
2016-06-25									
2016-06-26									
2016-06-27									
2016-06-28									
2016-06-29									
2016-06-30									
Minimum									
Maximum									
Average									
Count								ļ	
Name of Responsible Official or Authorized Representative		nalty of law that I have p	personally examined and	l am familiar	Si		Official or Authorized	i	Submission Data/Time
Thomas Madej	individuals immediate submitted information	submitted herein and basely responsible for obtain is true, accurate and coror submitting false informat.	ning the information, I b implete. I am aware that	there are		Represe	піайче		2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

972 2016-06-01 To: 2016-06-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

	Overflow	1	ı	1					
PARAMETER	Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS FREQUENCY	No./Month When Disch.	Million Gallons When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-06-01									
2016-06-02									
2016-06-03									
2016-06-04									
2016-06-05									
2016-06-06									
2016-06-07									
2016-06-08									
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13									
2016-06-14									
2016-06-15									
2016-06-16		1							
2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20									
2016-06-21									
2016-06-22									
2016-06-23		1							
2016-06-24		1							_
2016-06-25		1							_
2016-06-26					$\neg \uparrow$				_
2016-06-27									
2016-06-28					$\neg \uparrow$				_
2016-06-29					$\neg \uparrow$				_
2016-06-30					$\neg \uparrow$				_
Minimum									_
Maximum					\Box				
Average		ļ							
Count		<u> </u>		<u> </u>		4 6D	000 1 1 1 1 1		
Name of Responsible Officia r Authorized Representativ	with the information	enalty of law that I have p submitted herein and base	sed on my inquiry of the	ose	Sign	ature of Responsible Represe	Official or Authorized ntative	Submi Date/1	
Thomas Madej	individuals immedia submitted information	ately responsible for obtain on is true, accurate and confor submitting false infor	ning the information, I omplete. I am aware tha	believe the t there are				2016 19 11	

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION: 080

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-06-01 To: 2016-06-30 Mark Citriglia COUNTY: NEDO DISTRICT: ANALYST: Mark Citriglia

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitrate, Total	Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630	00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY SAMPLING TYPE	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
2016-06-01	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-06-02							
2016-06-03							
2016-06-04							
2016-06-05							1
2016-06-06							
2016-06-07							
2016-06-08							
2016-06-09							
2016-06-10							
2016-06-11							
2016-06-12							
2016-06-13							
2016-06-14							
2016-06-15							
2016-06-16	49	1.631	4.532	0.834	0.616	487100	1
2016-06-17							
2016-06-18							
2016-06-19							
2016-06-20							
2016-06-21							
2016-06-22							
2016-06-23							
2016-06-24							
2016-06-25							
2016-06-26							
2016-06-27							
2016-06-28							
2016-06-29							
2016-06-30							
Minimum	49.0	1.631	4.532	0.834	0.616	487100.0	1.0
Maximum	49.0	1.631	4.532	0.834	0.616	487100.0	1.0
Average Count	49	1.631	4.532	0.834	0.616 1	487100 1	2
Name of Responsible Officia	•	nalty of law that I have p	ersonally examined and	1 Lam familiar Si	gnature of Responsible		Submission
or Authorized Representativ	with the information individuals immediat	submitted herein and bastely responsible for obtain in is true, accurate and co	sed on my inquiry of the ning the information, I	ose pelieve the	Represen	atative	Date/Time 2016-07-
Thomas Madej		for submitting false infor				Page 131	19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: 080 LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 2016-06-01 To: 2016-06-30 Mark Citriglia COUNTY: REPORTING LAB: NEDO DISTRICT: ANALYST: Mark Citriglia

NO DISCHARGE INDICATOR:

DADAMETED	Overflow Volume	CDOD 5 don	I				1		
PARAMETER PARAMETER CODE	74063	CBOD 5 day 80082							
UNITS	Million Gallons	mg/l							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	24hr Total	Grab							
2016-06-01									
2016-06-02									
2016-06-03									
2016-06-04									
2016-06-05	0.8406								
2016-06-06									
2016-06-07									
2016-06-08									
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13									
2016-06-14									
2016-06-15									
2016-06-16	0.8378	37.5							
2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20									
2016-06-21									
2016-06-22									
2016-06-23									
2016-06-24									
2016-06-25									
2016-06-26									
2016-06-27									
2016-06-28									
2016-06-29									
2016-06-30									
Minimum	0.8378	37.5							
Maximum	0.8406	37.5	ļ						
Average Count	0.8392	37.5 1							
Name of Responsible Officia	I certify under the pen		personally examined and	am familiar	Sig	nature of Responsible	Official or Authorized	1 !	Submission
or Authorized Representativ	with the information s	ubmitted herein and ba	ised on my inquiry of tho	se	~-*	Represe			Date/Time
Thomas Madej	submitted information	is true, accurate and c or submitting false info	ining the information, I be omplete. I am aware that ormation, including the po	there are					2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD 088

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume	I	Ι					
PARAMETER CODE	per Year 51709	74063							
UNITS	No./Year	Million Gallons							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-06-01				<u> </u>					
2016-06-02				-					
2016-06-03									
2016-06-04									
2016-06-05	1	AD							
2016-06-06									
2016-06-07									
2016-06-08									
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13	ĺ								
2016-06-14	ĺ								
2016-06-15	ĺ								
2016-06-16	1	AD							
2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20									
2016-06-21									
2016-06-22									
2016-06-23									
2016-06-24									
2016-06-25									
2016-06-26									
2016-06-27									
2016-06-28			i						
2016-06-29			i						
2016-06-30									
Minimum									
Maximum			[
Average Count				 					
Name of Responsible Officia		nalty of law that I have p	personally examined and	l am familiar	Sig		Official or Authorized	i	Submission
or Authorized Representativ	individuals immediate	ely responsible for obtai	sed on my inquiry of the ning the information, I l	believe the		Represe	пынуе		Date/Time
Thomas Madej	submitted information	is true, accurate and co or submitting false info	omplete. I am aware that rmation, including the p	there are					2016-07- 19 11:07
							Page 15	15	

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

200 2016-06-01 To: 2016-06-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus Nitr Total	ate, Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630	00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l	mg/l	#/100 ml	No./Month
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.		When Disch.	When Disch.
2016-06-01	Grab	Grab	Grab	Grab	Grab	Grab	Total
		-					
2016-06-02 2016-06-03		-					
2016-06-04		-					
2016-06-05		-					
2016-06-06		 			_		
		-			_		
2016-06-07							
2016-06-08							
2016-06-09							
2016-06-10							
2016-06-11							
2016-06-12							
2016-06-13							
2016-06-14		ļ					
2016-06-15							
2016-06-16							
2016-06-17							
2016-06-18							
2016-06-19							
2016-06-20							
2016-06-21							
2016-06-22							
2016-06-23							
2016-06-24							
2016-06-25							
2016-06-26							
2016-06-27							
2016-06-28							
2016-06-29							
2016-06-30							
Minimum							
Maximum		ļ					
Average Count		 			+	-	
Name of Responsible Officia	I contify under the ne	nolty of law that I have m	L componelly avaminad and	om familian	Signature of Responsible	Official or Authorized	Submission
or Authorized Representativ	e with the information	nalty of law that I have p submitted herein and bas	sed on my inquiry of the	se	Represe		Date/Time
Thomas Madej	individuals immediat submitted informatio	ely responsible for obtain n is true, accurate and co for submitting false infor	ning the information, I b implete. I am aware that	there are			2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: LOCATION:

200 2016-06-01 To: 2016-06-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: REPORTING LAB: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

DADAMETED	Overfless Velsons	CDOD 5 don	1	Т			1		
PARAMETER PARAMETER CODE	Overflow Volume 74063	CBOD 5 day 80082	1						
UNITS	Million Gallons	mg/l							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	24hr Total	Grab							
2016-06-01									
2016-06-02									
2016-06-03									
2016-06-04									
2016-06-05									
2016-06-06									
2016-06-07									
2016-06-08									
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13									
2016-06-14									
2016-06-15									
2016-06-16									
2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20									
2016-06-21									
2016-06-22									
2016-06-23									
2016-06-24									
2016-06-25									
2016-06-26									
2016-06-27									
2016-06-28									
2016-06-29									
2016-06-30									
Minimum									
Maximum									
Average			ļ	-					
Count					~:		066.11 , 3 ;	Ļ	G 1 · ·
Name of Responsible Officia or Authorized Representativ	r certify under the per		personally examined and		Sig	gnature of Responsible Represe	Official or Authorized	1	Submission Date/Time
Thomas Madej	individuals immediate submitted information	ely responsible for obta is true, accurate and c or submitting false info	ased on my inquiry of the ining the information, I lo omplete. I am aware that ormation, including the p	believe the t there are		Represe			2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: LOCATION:

202 2016-06-01 To: 2016-06-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga COUNTY: REPORTING LAB: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended	Nitrogen, Ammonia		Nitrite Plus N	itrate,	Phosphorus, Total	E. coli	Overflow
PARAMETER CODE	Solids 00530	(NH3) 00610	Total 00625	Total 00630		(P) 00665	31648	Occurrence 74062
UNITS	mg/l	mg/l	mg/l	mg/l		mg/l	#/100 ml	No./Month
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disc	h.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	\rightarrow	Grab	Grab	Total
2016-06-01								
2016-06-02					-			
2016-06-03					-			
2016-06-04								
2016-06-05		ļ			_			
2016-06-06								
2016-06-07								
2016-06-08								
2016-06-09								
2016-06-10								
2016-06-11								
2016-06-12								
2016-06-13								
2016-06-14								
2016-06-15								
2016-06-16								
2016-06-17								
2016-06-18								
2016-06-19								
2016-06-20								
2016-06-21								
2016-06-22								
2016-06-23								
2016-06-24								
2016-06-25								
2016-06-26								
2016-06-27								
2016-06-28						i		
2016-06-29								
2016-06-30								
Minimum								
Maximum								
Average		 		 	\rightarrow			
Count Name of Responsible Officia	L contifer you do not do	nolty of law that I ha	omonolly ori	l om fom:!:	Sign	nature of Responsible	Official or Authorized	Submission
or Authorized Representativ	e with the information	nalty of law that I have p submitted herein and bas	sed on my inquiry of the	ose	J.igi	Represer		Date/Time
Thomas Madej	submitted informatio	tely responsible for obtain n is true, accurate and co for submitting false infor nt.	mplete. I am aware that	there are				2016-07- 19 11:07
	<u> </u>						Page 18	10

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

202 2016-06-01 To: 2016-06-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Volume	CBOD 5 day				1	· ·		
PARAMETER CODE	74063	80082							
UNITS	Million Gallons	mg/l							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	24hr Total	Grab	 						
2016-06-01									
2016-06-02			ļ						
2016-06-03									
2016-06-04									
2016-06-05									
2016-06-06									
2016-06-07									
2016-06-08									
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13			İ						
2016-06-14									
2016-06-15			İ						
2016-06-16			İ						
2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20			1						
2016-06-21									
2016-06-22			1						
2016-06-23									
2016-06-24									
2016-06-25									
2016-06-26									
2016-06-27			1						
2016-06-28			 						
2016-06-29			 						
2016-06-30			 						
Minimum			 						
Maximum									
Average Count			 						
Name of Responsible Officia	I certify under the per	nalty of law that I have	personally examined and	l am familiar	Si		Official or Authorized	ı l	Submission
or Authorized Representativ	e with the information s	submitted herein and ba	sed on my inquiry of the ining the information, I	ose		Represe	ntative		Date/Time
Thomas Madej	submitted information	n is true, accurate and co for submitting false info	omplete. I am aware that rmation, including the p	there are			Page 10		2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 2016-06-01 To: 2016-06-30 NEORSD NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus I Total	Nitrate,	Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630	1	00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l		mg/l	#/100 ml	No./Month
FREQUENCY SAMPLING TYPE	When Disch.	When Disch. Grab	When Disch. Grab	When Dis Grab	sch.	When Disch. Grab	When Disch. Grab	When Disch. Total
2016-06-01	Grab	Grab	Grab	Grab		Grab	Grab	Total
2016-06-02								
2016-06-03								
2016-06-04								
2016-06-05								
2016-06-06								
2016-06-07								
2016-06-08								
2016-06-09								
2016-06-10								
2016-06-11								
2016-06-12								
2016-06-13								
2016-06-14								
2016-06-15								
2016-06-16								
2016-06-17								
2016-06-18								
2016-06-19								
2016-06-20								
2016-06-21								
2016-06-22								
2016-06-23								
2016-06-24								
2016-06-25								
2016-06-26								
2016-06-27								
2016-06-28								
2016-06-29								
2016-06-30								
Minimum								
Maximum Average		-						
Count		†		 				
Name of Responsible Officia or Authorized Representative	e with the information	nalty of law that I have p submitted herein and bas	sed on my inquiry of the	ose	Siş	gnature of Responsible Represer		Submission Date/Time
Thomas Madej	individuals immediat submitted informatio	tely responsible for obtain on is true, accurate and confor submitting false infor	ning the information, I to implete. I am aware that	there are				2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: REPORTING LAB: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Volume	CBOD 5 day	T	r		1			
PARAMETER CODE	74063	80082	1						
UNITS	Million Gallons	mg/l							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	24hr Total	Grab	 	 					
2016-06-01									
2016-06-02			-						
2016-06-03									
2016-06-04									
2016-06-05									
2016-06-06									
2016-06-07									
2016-06-08									
2016-06-09									
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2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20									
2016-06-21									
2016-06-22									
2016-06-23			1						
2016-06-24									
2016-06-25									
2016-06-26									
2016-06-27									
2016-06-28									
2016-06-29				<u> </u>					
2016-06-30			†						
Minimum			 	 					
Maximum									
Average Count			 	-					
Name of Responsible Officia	I certify under the per	nalty of law that I have	personally examined and	l am familiar	Si	I gnature of Responsible		i	Submission
or Authorized Representativ	e with the information s	submitted herein and ba	sed on my inquiry of the	ose		Represe			Date/Time
Thomas Madej	submitted information	n is true, accurate and co for submitting false info	ining the information, I to omplete. I am aware that rmation, including the position	there are			Page 21		2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

211 2016-06-01 To: 2016-06-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume							
PARAMETER CODE	74062	74063							
UNITS	No./Month	Million Gallons							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total							
2016-06-01									
2016-06-02									
2016-06-03									
2016-06-04		ļ							
2016-06-05	1	0.308							
2016-06-06									
2016-06-07									
2016-06-08									
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13									
2016-06-14									
2016-06-15									
2016-06-16									
2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20									
2016-06-21									
2016-06-22									
2016-06-23									
2016-06-24									
2016-06-25									
2016-06-26									
2016-06-27									
2016-06-28									
2016-06-29									
2016-06-30									
Minimum	1.0	0.308							
Maximum	1.0	0.308							
Average	1	0.308							
Count Name of Responsible Officia	1	1		6 1	Sim	nature of Resnonsible	Official or Authorized	l	Submission
or Authorized Representativ	with the information	enalty of law that I have p submitted herein and bast tely responsible for obtain	sed on my inquiry of the	se	Jigi	Represe			Date/Time
Thomas Madej	submitted information	on is true, accurate and co for submitting false infor	mplete. I am aware that	there are			Page 22		2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 218 2016-06-01 To: 2016-06-30 NEORSD NEORSD STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER CODE UNITS FREQUENCY Who	Solids 00530 mg/1 en Disch. Grab	(NH3) 00610 mg/1 When Disch. Grab	Total 00625 mg/l When Disch. Grab	Total 00630 mg/l When Disch. Grab	(P) 00665 mg/l When Disch. Grab	31648 #/100 ml When Disch. Grab	Occurrence 74062 No./Month When Disch. Total
FREQUENCY SAMPLING TYPE 2016-06-01 2016-06-02 2016-06-03 2016-06-04 2016-06-05 2016-06-06 2016-06-07 2016-06-08 2016-06-09 2016-06-10 2016-06-11 2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17	en Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
\$\text{SAMPLING TYPE}\$ \tag{2016-06-01}\$ \tag{2016-06-02}\$ \tag{2016-06-03}\$ \tag{2016-06-04}\$ \tag{2016-06-05}\$ \tag{2016-06-06}\$ \tag{2016-06-07}\$ \tag{2016-06-08}\$ \tag{2016-06-09}\$ \tag{2016-06-10}\$ \tag{2016-06-11}\$ \tag{2016-06-12}\$ \tag{2016-06-13}\$ \tag{2016-06-14}\$ \tag{2016-06-15}\$ \tag{2016-06-16}\$ \tag{2016-06-17}\$							
2016-06-01 2016-06-02 2016-06-03 2016-06-04 2016-06-05 2016-06-06 2016-06-07 2016-06-08 2016-06-09 2016-06-10 2016-06-11 2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17	Grav	Glab	Glab	Grau	Grab	Grab	1 Otal
2016-06-03 2016-06-04 2016-06-05 2016-06-06 2016-06-07 2016-06-08 2016-06-09 2016-06-10 2016-06-11 2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17							
2016-06-04 2016-06-05 2016-06-06 2016-06-07 2016-06-08 2016-06-09 2016-06-10 2016-06-11 2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17							
2016-06-05 2016-06-06 2016-06-07 2016-06-08 2016-06-09 2016-06-10 2016-06-11 2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17							
2016-06-06 2016-06-07 2016-06-08 2016-06-09 2016-06-10 2016-06-11 2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17							
2016-06-07 2016-06-08 2016-06-09 2016-06-10 2016-06-11 2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17							
2016-06-08 2016-06-09 2016-06-10 2016-06-11 2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17							
2016-06-09 2016-06-10 2016-06-11 2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17							
2016-06-10 2016-06-11 2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17							
2016-06-11 2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17							
2016-06-12 2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17							
2016-06-13 2016-06-14 2016-06-15 2016-06-16 2016-06-17							
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2016-06-25							
2016-06-26							
2016-06-27							
2016-06-28							
2016-06-29							
2016-06-30							
Minimum							
Maximum Average						-	
Count							
or Authorized Representative with th	Constant	nalty of law that I have p submitted herein and bas	sed on my inquiry of the		gnature of Responsible Represen		Submission
individ submit Thomas Madej signifid fine an	ne information s		ning the information, I b	,,,,	Kepresen	tative	Date/Time

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

STATION CODE: MONITORING PERIOD: LOCATION:

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga 218 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: REPORTING LAB: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Volume	CBOD 5 day				1	·		
PARAMETER CODE	74063	80082							
UNITS	Million Gallons	mg/l							
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	24hr Total	Grab	 						
2016-06-01									
2016-06-02									
2016-06-03			ļ						
2016-06-04									
2016-06-05									
2016-06-06									
2016-06-07									
2016-06-08									
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13									
2016-06-14									
2016-06-15									
2016-06-16									
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2016-06-18									
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2016-06-20									
2016-06-21									
2016-06-22									
2016-06-23			İ						
2016-06-24			1						
2016-06-25									
2016-06-26									
2016-06-27									
2016-06-28									
2016-06-29									
2016-06-30			1						
Minimum			1						
Maximum									
Average Count			<u> </u>						
Name of Responsible Officia	I certify under the per	nalty of law that I have:	personally examined and	l am familiar	Si		Official or Authorized	ı	Submission
or Authorized Representativ	e with the information s	submitted herein and ba	sed on my inquiry of the ining the information, I l	ose		Represe			Date/Time
Thomas Madej	submitted information	n is true, accurate and co for submitting false info	ining the information, I to complete. I am aware that rmation, including the p	there are			Page 24		2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION:

232 2016-06-01 To: 2016-06-30 NEORSD NEORSD 3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence	Overflow Volume		1					
PARAMETER CODE	per Year 51709	74063	 	 					
UNITS	No./Year	Million Gallons							
FREQUENCY	When Disch.	When Disch.		ļ					
2016-06-01	Total Estimate AH	Total Estimate		 					
		AH							
2016-06-02	AH	AH	<u> </u>						
2016-06-03	AH	AH	<u> </u>						
2016-06-04	AH	AH		-					
2016-06-05	AH	АН		-					
2016-06-06	АН	AH	<u> </u>						
2016-06-07	АН	AH							
2016-06-08	АН	AH		ļ					
2016-06-09	АН	AH							
2016-06-10	AH	АН							
2016-06-11	AH	АН							
2016-06-12	AH	АН							
2016-06-13	AH	АН							
2016-06-14	АН	AH							
2016-06-15	АН	AH							
2016-06-16	АН	AH							
2016-06-17	АН	AH							
2016-06-18	АН	АН							
2016-06-19	АН	АН							
2016-06-20	АН	АН							
2016-06-21	AH	АН							
2016-06-22	AH	АН							
2016-06-23	AH	АН							
2016-06-24	AH	АН							
2016-06-25	AH	АН							
2016-06-26	АН	АН							
2016-06-27	АН	АН							
2016-06-28	АН	АН							
2016-06-29	АН	AH							
2016-06-30	АН	АН							
Minimum									
Maximum Average	 		 	+					
Count									
or Authorized Representative with the information submitted herein and based on my inquiry of those					gnature of Responsible Represe	Official or Authorized ntative		ission Time	
Thomas Madej	submitted information	ely responsible for obtain is true, accurate and corresubmitting false infort.	omplete. I am aware tha	t there are				2016 19 1	6-07- 1:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION: 239

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 239 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	Nitrogen, Ammonia (NH3)	Nitrogen Kjeldahl, Total	Nitrite Plus I Total	Nitrate,	Phosphorus, Total (P)	E. coli	Overflow Occurrence
PARAMETER CODE	00530	00610	00625	00630		00665	31648	74062
UNITS	mg/l	mg/l	mg/l	mg/l		mg/l	#/100 ml	No./Month
FREQUENCY	When Disch.	When Disch.	When Disch.	When Dis	sch.	When Disch.	When Disch.	When Disch.
2016-06-01	Grab	Grab	Grab	Grab		Grab	Grab	Total
2016-06-02								
2016-06-03		 						
2016-06-04								
2016-06-05								1
2016-06-06								
2016-06-07								1
2016-06-08								
2016-06-09								
2016-06-10		ì						
2016-06-11								
2016-06-12								
2016-06-13								
2016-06-14								
2016-06-15								
2016-06-16								1
2016-06-17								
2016-06-18								
2016-06-19								
2016-06-20								
2016-06-21								1
2016-06-22								
2016-06-23								
2016-06-24								
2016-06-25								
2016-06-26								
2016-06-27								
2016-06-28								
2016-06-29								
2016-06-30								
Minimum								1.0
Maximum Average		-		 				1.0
Count		 		—				4
Name of Responsible Officia or Authorized Representative	p certify under the pe	nalty of law that I have p submitted herein and bas			Sig	gnature of Responsible Represer		
Thomas Madej	individuals immediat submitted informatio	ely responsible for obtain n is true, accurate and co for submitting false infor	ning the information, I lomplete. I am aware that	believe the there are				2016-07- 19 11:07

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION: 239

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 239 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY:

NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day		T					
PARAMETER CODE	74063	80082							
UNITS	Million Gallons	mg/l							
FREQUENCY	When Disch.	When Disch.	ļ						
SAMPLING TYPE	24hr Total	Grab	 	 					
2016-06-01									
2016-06-02									
2016-06-03									
2016-06-04									
2016-06-05	0.3385								
2016-06-06	0.0383								
2016-06-07	0.0324								
2016-06-08									
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13									
2016-06-14									
2016-06-15									
2016-06-16	0.0358								
2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20									
2016-06-21	0.1848								
2016-06-22									
2016-06-23									
2016-06-24									
2016-06-25									
2016-06-26									
2016-06-27									
2016-06-28									
2016-06-29									
2016-06-30									
Minimum	0.0324								
Maximum	0.3385		ļ						
Average	0.12596		-	-					
Count Name of Responsible Officia	5	<u> </u>	<u>.</u>		C:	mature of Desparable	Official or Authorized		Submission
or Authorized Representativ	Name of Responsible Official are Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the					Representative			
Thomas Madej	submitted information	is true, accurate and co or submitting false info	ining the information, I lomplete. I am aware that branching including the p	there are					2016-07- 19 11:07
	*						Page 27	27	

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

3826 Euclid Ave CLEVELAND, OH 44115 STATION CODE: MONITORING PERIOD: LOCATION: 242

2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: Cuyahoga REPORTING LAB: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow	Overflow Volume	I	Ī				
PARAMETER CODE	Occurrence 74062	Į						
UNITS	No./Month	74063 Million Gallons						
FREQUENCY	When Disch.	When Disch.						
SAMPLING TYPE	Total	24hr Total						
2016-06-01		<u> </u>						
2016-06-02		 						
2016-06-03		<u> </u>						
2016-06-04								
2016-06-05								
2016-06-06		<u> </u>						
2016-06-07		<u> </u>						
2016-06-08								
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2016-06-14								
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2016-06-16								
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2016-06-20								
2016-06-21								
2016-06-22								
2016-06-23								
2016-06-24								
2016-06-25			ĺ					
2016-06-26								
2016-06-27								
2016-06-28			ĺ					
2016-06-29		1						
2016-06-30		1						
Minimum								
Maximum		1						
Average Count		+	-	 				
Name of Responsible Official	1	enalty of law that I have p		1 6:1:	Sie	nature of Responsible	Official or Authorized	Submission
or Authorized Representative Thomas Madej	with the information individuals immedia submitted information	submitted herein and ba- tely responsible for obtain on is true, accurate and co- for submitting false infor	sed on my inquiry of the ning the information, I l omplete. I am aware that	ose believe the there are		Represe		2016-07- 19 11:07
							Page 28	28

SUBMISSION ID: 594503 STATUS: Original

FACILITY: Northeast Ohio Regional SD PERMIT NUMBER: 3PA00002*HD

LOCATION: 258

3826 Euclid Ave CLEVELAND, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-06-01 To: 2016-06-30 NEORSD NEORSD COUNTY: NEDO DISTRICT: ANALYST: NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow	Overflow Volume							
PARAMETER CODE	Occurrence 74062	74063		 					
UNITS	No./Month	Million Gallons		 					
FREQUENCY	When Disch.	When Disch.							
SAMPLING TYPE	Total	24hr Total		 					
2016-06-01									
2016-06-02				-					
2016-06-03		ļ							
2016-06-04									
2016-06-05									
2016-06-06									
2016-06-07									
2016-06-08									
2016-06-09									
2016-06-10									
2016-06-11									
2016-06-12									
2016-06-13									
2016-06-14									
2016-06-15		1							
2016-06-16									
2016-06-17									
2016-06-18									
2016-06-19									
2016-06-20				 					
2016-06-21									
2016-06-22			<u> </u>						
2016-06-23		-							
		-		-					
2016-06-24		-							
2016-06-25									
2016-06-26		ļ		<u> </u>					
2016-06-27		ļ							
2016-06-28				ļ					
2016-06-29									
2016-06-30		<u></u> _							
Minimum									
Maximum Average		 		 					
Count	_	ĺ							_
Name of Responsible Official or Authorized Representative	with the information	nalty of law that I have p submitted herein and ba- ely responsible for obtai	sed on my inquiry of the	ose	Sig	gnature of Responsible Represe	Official or Authorized ntative	d Submis Date/T	
Thomas Madej	submitted informatio	n is true, accurate and co for submitting false info	omplete. I am aware that	t there are				2016- 19 11	
						Page 2929			

FACILITY: Northeast Ohio Regional SD 3826 Euclid Ave CLEVELAND, OH 44115 LOCATION:

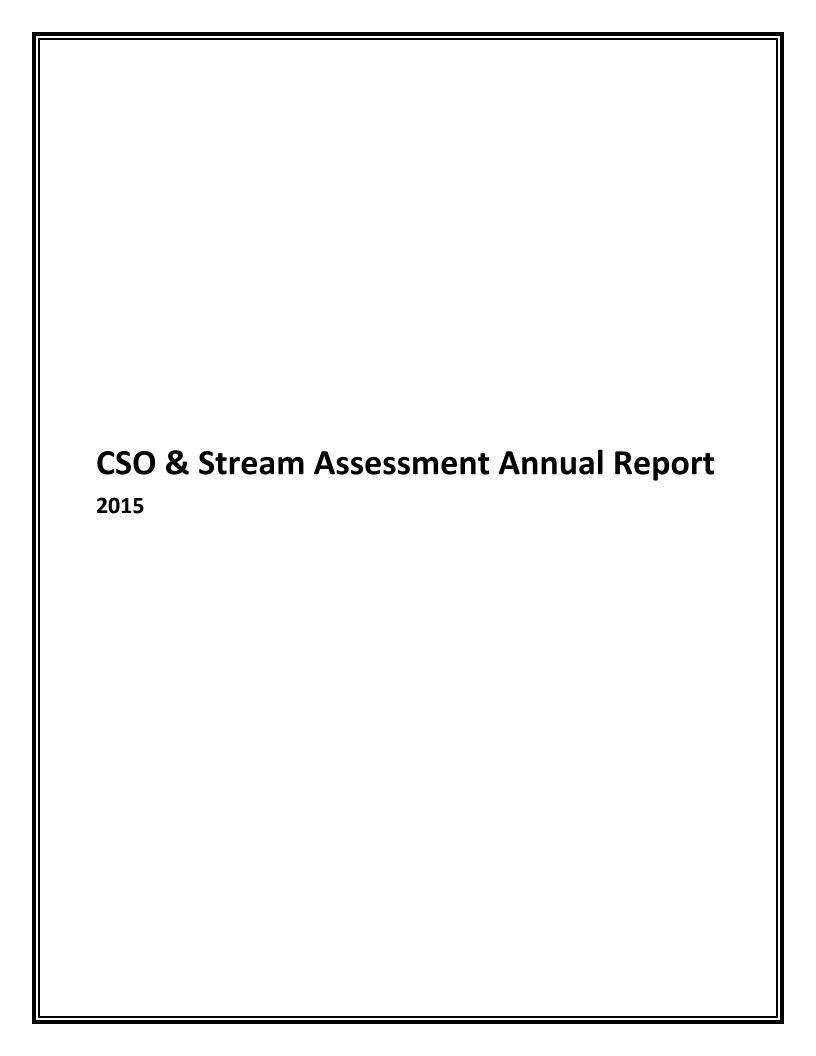
 $\begin{array}{ll} \text{PERMIT NUMBER:} & 3PA00002*HD \\ \text{MONITORING PERIOD:} & \underline{2016-06-01} \text{ To: } \underline{2016-06-30} \end{array}$

PARAMETER COMMENTS:

PAKAMET	ER COMMENTS:	1			
Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
088	Overflow Volume	74063	2016-06- 05	Million Gallons	Occurrence confirmed by level meter upstream of the weir. Flow data downstream of the weir was not calculated due to meter malfunction.
088	Overflow Volume	74063	2016-06- 16	Million Gallons	Occurrence confirmed by level meter upstream of the weir. Flow data downstream of the weir was not calculated due to meter malfunction.
232	Overflow Occurrence per Year	51709	2016-06- 01	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 02	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 03	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 04	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 05	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 06	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 07	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 08	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 09	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 10	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 11	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 12	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 13	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 14	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 15	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 16	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 17	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 18	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 19	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 20	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 21	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 22	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 23	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 24	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 25	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.

232	Overflow Occurrence per Year	51709	2016-06- 26	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 27	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 28	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 29	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Occurrence per Year	51709	2016-06- 30	No./Year	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 01	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 02	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 03	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 04	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 05	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 06	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 07	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 08	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 09	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 10	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 11	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 12	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 13	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 14	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 15	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 16	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 17	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 18	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 19	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 20	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 21	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 22	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 23	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 24	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 25	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 26	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 27	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.

232	Overflow Volume	74063	2016-06- 28	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 29	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.
232	Overflow Volume	74063	2016-06- 30	Million Gallons	CSO 232 was replaced with CSO 211. Reporting for CSO 211 began 1/1/2016. CSO 232 should be removed from the eDMR report.





COMBINED SEWER OVERFLOW & STREAM ASSESSMENT ANNUAL REPORT

2015

NPDES PERMIT 3PA00002*GD

April 21, 2016

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1.0 Introduction

Part II, Section K of the Combined Sewer Overflow (CSO) National Pollution Discharge Elimination System (NPDES) Permit 3PA00002*GD requires the Northeast Ohio Regional Sewer District (District) to submit an annual CSO and Stream Assessment report. The purpose of this report is to provide a summary of the CSO modeling results for the previous calendar year and an evaluation of the CSO model, describe changes to the Nine Minimum Control (NMC) program and to provide a summary of the data collected during stream assessment activities.

The Plan is organized into three (3) major sections:

- CSO Model Results and Evaluation (Section 2)
- Nine Minimum Control Program Modifications (Section 3)
- Stream Assessment Results (Section 4)

2.0 CSO Model Results and Evaluation

This section presents the 2015 model-estimated CSO volumes and activations for all permitted CSO locations in the District's combined sewer system (CSS) from January 1, 2015 through December 31, 2015 using the District's current baseline conditions models. A summary of the modeling approach used to estimate the CSO statistics is provided as follows.

2.1 Precipitation Data

The District owns and maintains a network of 28 permanent rainfall gauges as shown in **Figure 1**. Rainfall data was collected in 5-minute intervals from January 1, 2015 through December 31, 2015. **Table 1** lists the total rainfall depths per rain gauge, as well as the rainfall profile ID assigned to each rain gauge in the baseline conditions model. Rainfall statistics for each rain gauge were developed using the Sanitary Sewer Overflow Analysis and Programming (SSOAP) Toolbox program developed by the United States Environmental Protection Agency (EPA). An inter-event duration of 12 hours was used to define individual rainfall events. Rainfall statistics (total rainfall depth, duration, peak 1-hour intensity, and antecedent moisture conditions per event) for each rain gauge are provided in **Attachment A**.

Rainfall data was spatially distributed using the Thiessen Polygon tool available in ESRI's ArcGIS. Subcatchment areas were assigned a representative rain gauge by intersecting delineated subcatchments with Thiessen polygons assigned to the rain gauges. Respective rain gauge hyetographs were assigned to entire subcatchments if the centroid of the subcatchment delineation was located within a particular Thiessen polygon. A more detailed description of how the rainfall data was spatially distributed is provided in **Attachment B**.

The statistics for each CSO service area were generated using the built-in statistics report tool in InfoWorks Integrated Catchment Modeling (ICM). The ICM statistics template was developed for each baseline conditions model with the "combine events where gap is less than" duration set equal to 24 hours to define overflow activations at each modeled overflow element. Overflow activations occurring within 24 hours of each other were counted as one single overflow activation.

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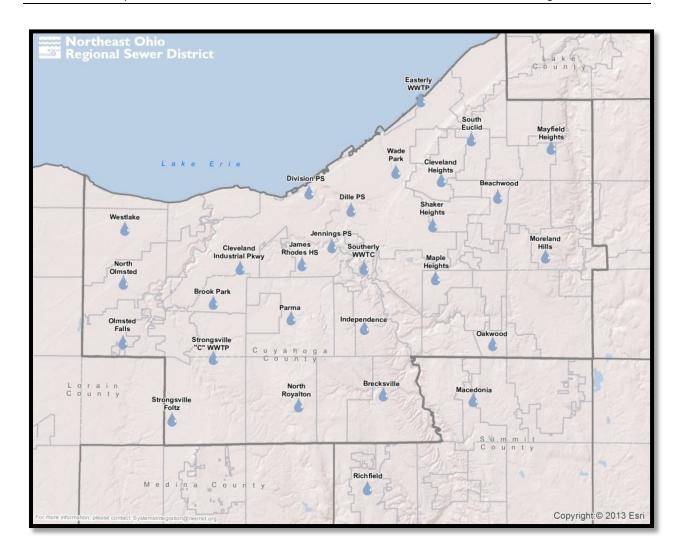


Figure 1. NEORSD's Rain Gauge Network

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Table 1. Total Rainfall Observed from January 1, 2015 - December 31, 2015

Rain Gauge	Total Rainfall	Rainfall
	Depth (in)	Profile
Beachwood	38.47	16
Brecksville	38.14	17
Brook Park	39.59	27
Cleveland Heights ¹	40.43	23
Cleveland Industrial Pkwy	37.54	25
Dille PS	38.11	18
Division PS	37.77	21
Easterly WWTP	36.20	24
Independence	43.96	13
James Rhodes HS	30.48	22
Jennings PS	41.11	28
Macedonia	41.35	19
Maple Heights	41.64	9
Mayfield Heights	39.76	8
Moreland Hills	47.76	11
North Olmsted	36.50	3
North Royalton	37.37	5
Oakwood	42.54	14
Olmsted Falls	31.29	10
Parma	34.68	20
Richfield	37.47	2
Shaker Heights	38.71	12
South Euclid	39.87	6
Southerly WWTC	38.26	4
Strongsville "C" WWTP	39.11	26
Strongsville Foltz	35.15	1
Wade Park ²	34.29	7
Westlake	42.42	15

^{1.} District's permanent rain gauge was out of service 4/22/2015 - 5/4/2015 due to construction in the vicinity of the gauge. A temporary gauge was located nearby during out of service period.

2.2 CSO Models

The District owns and actively maintains six (6) baseline condition models to reflect current conditions in the CSS (**Table 2**). Baseline conditions assumes modulating devices, such as control gates, inflatable dams, and pumps, are operating as designed or last field verified, and sewers are clean and free of debris unless known sedimentation issues have been documented and removal determined to be cost prohibitive. The models and simulation results presented here for the 2015 rainfall data were developed

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^{2.} Rain gauge was removed from service on 12/11/2015 due to building construction.

using the Innovyze's InfoWorks ICM 4.5 (Version 4.5.1.9010 Unicode January 2014) modeling software platform, using continuous simulation of the observed rainfall period. Continuous simulation takes antecedent soil moisture conditions into account when predicting overflows. Therefore, continuous simulation is a more conservative approach to modeling compared to discrete event simulation which runs storm events independently. For purposes of comparison, the Typical Year rainfall events are presented in **Table 5** (Section 2.6) and were based on discrete simulations.

Baseline Conditions Model	Model Version
Big Creek	BCBL201509MM-20160214
Easterly	ESBL201412MM
Heights-Hilltop	HHIOEP201403MM
Mill Creek	MCCS201504MM-20151130
Southerly	SOBL201403MM_20150116
Westerly	WEBL201412MM

Table 2. District's Baseline Condition Models

2.3 2015 CSO Volumes & Activations

In accordance with the District's CSO NPDES permit 3PA00002*GD, the District submitted a CSO Monitoring & Sampling Plan in March 2015 for the 21 CSOs that are required to be monitored. The District began collecting field monitoring data in accordance with the plan in 2015. **Table 3** presents the monitored CSOs and when data collection and reporting began or is scheduled to begin.

Table 3. Schedule of CSO Monitoring & Reportin	schedule of CSO Monitoring &	& Reporting
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Outfall Name	Reporting of Field Monitoring Commenced
CSO 025	10/01/15
CSO 035	10/01/15
CSO 038	10/01/15
CSO 040	04/01/15
CSO 044	10/01/15
CSO 045	N/A ¹
CSO 056	10/01/15
CSO 058	10/01/15
CSO 059	10/01/15
CSO 069	10/01/14
CSO 072	10/01/15
CSO 075	N/A ²

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Outfall Name	Reporting of Field Monitoring Commenced
CSO 080	04/01/15
CSO 088	02/01/16 ³
CSO 200	04/09/15
CSO 202	04/01/15
CSO 206	04/01/15
CSO 211	01/01/16 ³
CSO 218	04/01/15
CSO 232	N/A ²
CSO 239	04/01/15
CSO 242	10/01/15
CSO 258	10/01/15

- 1. Reporting of field monitoring data has not commenced due to accuracy problems with the calculation.
- 2. NPDES Permit Modification 3PA00002*HD, effective 1/1/16, removed CSO 075 and CSO 232.
- 3. NPDES Permit Modification 3PA00002*HD, effective 1/1/16, added CSO 088 and CSO 211.

Model-estimated CSO volumes and activations were quantified using the latest versions of the District's collection system models (as listed in **Table 2**, Section 2.2) to supplement the monitoring data for all CSO outfalls contained in NPDES permit. Total annual CSO volumes and activations for the January 1, 2015 through December 31, 2015 period are presented in **Table 4**. Total annual CSO performance at CSOs not monitored are based on model results following the approach described in Section 2.2 above for the full 2015 period. Total annual CSO performance at CSOs that were monitored for the entire or partial 2015 period are a composite of the model-estimates and monitoring results in which time periods were not overlapped. It should be noted that CSO volumes and activations for CSO 063 are based on Post-construction field monitoring data collected from December 29, 2014 through December 29, 2015 to support Control Measure (CM) 24 – CSO 063 Relief and Consolidation Sewer (CSO063RCS) Project.

Table 4. 2015 CSO Volumes & Activations

Outfall Name	Baseline Conditions Model	Model-Estimated		Monitored		Annual Total	
		# of Overflows	Volume (MG)	# of Overflows	Volume (MG)	# of Overflows	Volume (MG)
CSO 007	Mill Creek	4	0.6	N/A	N/A	4	0.6
CSO 013	Mill Creek	1	<0.1	N/A	N/A	1	<0.1
CSO 014	Mill Creek	0	0	N/A	N/A	0	0
CSO 017	Mill Creek	4	1.3	N/A	N/A	4	1.3
CSO 019	Mill Creek	4	1.3	N/A	N/A	4	1.3
CSO 020	Mill Creek	2	0.7	N/A	N/A	2	0.7
CSO 021	Mill Creek	1	0.2	N/A	N/A	1	0.2

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c. !!	Baseline	Model-Es	timated	Monitored		Annual Total	
Outfall Name	Conditions Model	# of Overflows	Volume (MG)	# of Overflows	Volume (MG)	# of Overflows	Volume (MG)
CSO 022	Mill Creek	8	0.7	N/A	N/A	8	0.7
CSO 025 ¹	Mill Creek	0	0	0	0	0	0
CSO 027	Mill Creek	8	0.6	N/A	N/A	8	0.6
CSO 028	Mill Creek	0	0	N/A	N/A	0	0
CSO 030	Mill Creek	0	0	N/A	N/A	0	0
CSO 031	Mill Creek	4	1.5	N/A	N/A	4	1.5
CSO 032	Mill Creek	0	0	N/A	N/A	0	0
CSO 033	Southerly	14	6	N/A	N/A	14	6
CSO 035 ¹	Southerly	49	76.9	1	0.2	50	77.1
CSO 036	Southerly	73	591.7	N/A	N/A	73	591.7
CSO 037	Southerly	0	0	N/A	N/A	0	0
CSO 038 ¹	Southerly	0	0	0	0	0	0
CSO 039	Southerly	42	14.8	N/A	N/A	42	14.8
CSO 040 ¹	Southerly	14	32.9	53	282.9	67	315.8
CSO 043	Big Creek	0	0	N/A	N/A	0	0
CSO 044 ¹	Big Creek	2	<0.1	0	0	2	<0.1
CSO 045 ¹	Big Creek	19	20.2	N/A ²	N/A ²	19	20.2
CSO 050	Big Creek	16	2.7	N/A	N/A	16	2.7
CSO 051	Big Creek	21	30.5	N/A	N/A	21	30.5
CSO 052	Big Creek	4	0.3	N/A	N/A	4	0.3
CSO 053	Big Creek	38	38.3	N/A	N/A	38	38.3
CSO 054	Big Creek	20	23.1	N/A	N/A	20	23.1
CSO 055	Big Creek	10	5	N/A	N/A	10	5
CSO 056 ¹	Big Creek	32	122.7	5	7.1	37	129.8
CSO 057	Big Creek	48	311.9	N/A	N/A	48	311.9
CSO 058 ¹	Big Creek	51	332.7	5	0.3	56	333.0
CSO 059 ¹	Big Creek	20	27.3	0	0	20	27.3
CSO 060	Big Creek	0	0	N/A	N/A	0	0
CSO 062	Big Creek	АН	АН	АН	АН	АН	АН
CSO 063 ³	Big Creek	N/A	N/A	5	0.9	5	0.9
CSO 064	Westerly	14	1.7	N/A	N/A	14	1.7
CSO 065	Westerly	6	0.2	N/A	N/A	6	0.2
CSO 066	Westerly	0	0	N/A	N/A	0	0
CSO 067	Westerly	12	6.7	N/A	N/A	12	6.7
CSO 068	Westerly	66	39.3	N/A	N/A	66	39.3

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	Baseline	Model-Es	timated	Monitored		Annual Total	
Outfall Name	Conditions Model	# of Overflows	Volume (MG)	# of Overflows	Volume (MG)	# of Overflows	Volume (MG)
CSO 069 ¹	Westerly	N/A	N/A	3	6.5	3	6.5
CSO 071	Westerly	0	0	N/A	N/A	0	0
CSO 072 ¹	Southerly	11	6.5	0	0	11	6.5
CSO 073	Easterly	46	205.5	N/A	N/A	46	205.5
CSO 074	Westerly	39	88.6	N/A	N/A	39	88.6
CSO 075	Westerly	14	11.5	N/A	N/A	14	11.5
CSO 076	Westerly	18	9	N/A	N/A	18	9
CSO 078	Westerly	35	13.2	N/A	N/A	35	13.2
CSO 079	Westerly	7	0.5	N/A	N/A	7	0.5
CSO 080 ¹	Westerly	12	74	41	68.5	53	142.5
CSO 081	Westerly	11	2.2	N/A	N/A	11	2.2
CSO 082	Westerly	22	3.4	N/A	N/A	22	3.4
CSO 083	Westerly	13	0.6	N/A	N/A	13	0.6
CSO 084	Westerly	3	0.1	N/A	N/A	3	0.1
CSO 085	Westerly	4	0.5	N/A	N/A	4	0.5
CSO 086	Westerly	40	15.1	N/A	N/A	40	15.1
CSO 087	Westerly	48	71.8	N/A	N/A	48	71.8
CSO 088	Westerly	63	26.6	N/A	N/A	63	26.6
CSO 089	Westerly	18	1.7	N/A	N/A	18	1.7
CSO 090	Easterly	28	13.3	N/A	N/A	28	13.3
CSO 091	Easterly	0	0	N/A	N/A	0	0
CSO 092	Easterly	5	0.3	N/A	N/A	5	0.3
CSO 093	Easterly	5	0.7	N/A	N/A	5	0.7
CSO 094	Easterly	29	65.6	N/A	N/A	29	65.6
CSO 095	Easterly	12	13.7	N/A	N/A	12	13.7
CSO 096	Easterly	18	15.4	N/A	N/A	18	15.4
CSO 097	Easterly	15	3.8	N/A	N/A	15	3.8
CSO 098	Easterly	48	22.8	N/A	N/A	48	22.8
CSO 099	Easterly	5	1	N/A	N/A	5	1
CSO 200 ¹	Easterly	18	32.5	36	82.2	54	114.7
CSO 201	Easterly	32	23.3	N/A	N/A	32	23.3
CSO 202 ¹	Easterly	6	9.5	19	3.8	25	13.3
CSO 203	Easterly	20	22.1	N/A	N/A	20	22.1
CSO 204	Easterly	44	184.4	N/A	N/A	44	184.4
CSO 205	Easterly	48	52.6	N/A	N/A	48	52.6

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- 16 H	Baseline	Model-Es	timated	Monitored		Annual Total	
Outfall Name	Conditions Model	# of Overflows	Volume (MG)	# of Overflows	Volume (MG)	# of Overflows	Volume (MG)
CSO 206 ¹	Easterly	11	20.7	14	34.3	25	55.0
CSO 207	Easterly	0	0	N/A	N/A	0	0
CSO 208	Easterly	28	14.8	N/A	N/A	28	14.8
CSO 209	Easterly	48	98.1	N/A	N/A	48	98.1
CSO 210	Easterly	41	93.4	N/A	N/A	41	93.4
CSO 211 ¹	Easterly	67	225.8	N/A	N/A	67	225.8
CSO 212	Easterly	18	2.9	N/A	N/A	18	2.9
CSO 214	Easterly	45	56.2	N/A	N/A	45	56.2
CSO 215	Easterly	4	0.5	N/A	N/A	4	0.5
CSO 216	Easterly	5	0.6	N/A	N/A	5	0.6
CSO 217	Easterly	52	14.6	N/A	N/A	52	14.6
CSO 218 ¹	Easterly	7	14.7	38	14.9	45	29.6
CSO 219	Easterly	40	4.1	N/A	N/A	40	4.1
CSO 220	Easterly	22	39.3	N/A	N/A	22	39.3
CSO 221	Easterly	50	34.2	N/A	N/A	50	34.2
CSO 222	Easterly	50	470.8	N/A	N/A	50	470.8
CSO 223	Easterly	0	0	N/A	N/A	0	0
CSO 224	Easterly	52	80.3	N/A	N/A	52	80.3
CSO 225	Easterly	24	2.3	N/A	N/A	24	2.3
CSO 226	Easterly	23	6.4	N/A	N/A	23	6.4
CSO 230	Easterly	70	145.9	N/A	N/A	70	145.9
CSO 231	Easterly	27	48.7	N/A	N/A	27	48.7
CSO 232	Easterly	62	91.9	N/A	N/A	62	91.9
CSO 233	Big Creek	59	32.1	N/A	N/A	59	32.1
CSO 234	Easterly	46	48.8	N/A	N/A	46	48.8
CSO 235	Easterly	24	6.2	N/A	N/A	24	6.2
CSO 236	Easterly	6	0.4	N/A	N/A	6	0.4
CSO 238	Big Creek	12	6.1	N/A	N/A	12	6.1
CSO 239 ¹	Easterly	4	3.7	44	72.2	48	75.9
CSO 240	Westerly	25	2.3	N/A	N/A	25	2.3
CSO 241	Big Creek	1	<0.1	N/A	N/A	1	<0.1
CSO 242 ¹	Easterly	15	101.5	0	0	15	101.5
CSO 243	Mill Creek	9	0.4	N/A	N/A	9	0.4
CSO 245	Mill Creek	0	0	N/A	N/A	0	0
CSO 246	Mill Creek	1	<0.1	N/A	N/A	1	<0.1

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Outfall	Baseline Conditions Model	Model-Estimated		Monitored		Annual Total	
Outfall Name		# of Overflows	Volume (MG)	# of Overflows	Volume (MG)	# of Overflows	Volume (MG)
CSO 247	Mill Creek	4	0.1	N/A	N/A	4	0.1
CSO 249	Mill Creek	8	0.4	N/A	N/A	8	0.4
CSO 250	Southerly	2	0.1	N/A	N/A	2	0.1
CSO 252	Mill Creek	6	2.3	N/A	N/A	6	2.3
CSO 253	Westerly	34	3.5	N/A	N/A	34	3.5
CSO 254	Big Creek	0	0	N/A	N/A	0	0
CSO 255	Big Creek	16	13.9	N/A	N/A	16	13.9
CSO 256	Easterly	7	0.8	N/A	N/A	7	0.8
CSO 257	Big Creek	1	<0.1	N/A	N/A	1	<0.1
CSO 258 ¹	Mill Creek	6	260	0	0	6	260
Total			6,649.6		572.9		7,222.5

- 1. Monitoring of overflows performed during periods indicated in Table 3 above.
- 2. Reporting of field monitoring data has not commenced due to accuracy problems with the calculation.
- 3. Monitoring of overflows performed to support post-construction monitoring of CM24/CSO063RCS.

In the December 2015 eDMR report, CSO 062 was reported with the AH code since modeling data is not currently available for this outfall. The regulator associated with CSO 062 (BC 74) is in the process of being abandoned. The current baseline conditions model reflects abandonment of regulator BC-74 and, therefore, is not capable of providing model-estimated CSO volume or activation results. Water quality testing is currently being performed to confirm upstream sewer separation efforts. The District is continuing to work with the City of Cleveland to address illicit discharges to this sewer before removing BC-74 and eliminating CSO 062. If the separation efforts are found to be unsuccessful in completely eliminating the upstream sanitary flows, the baseline conditions model will be revised accordingly for future reporting purposes while the District continues to address the illicit discharge issue.

2.4 Typical Year Rainfall Data

Table 5 presents the 121 rainfall events that comprise the District's synthetic Typical Year for the period of January 1st through December 31st.

Average Max Storm Depth Duration Intensity Intensity Date **Number** (Inches) (Hours) (In/Hr) (In/Hr) 1/3/1991 0.01 1 1 0.01 0.01 2 1/5/1991 0.18 10 0.02 0.03 3 1/9/1991 0.03 0.02 0.02 2 4 0.39 19 0.02 0.09 1/11/1991 5 1/12/1991 0.04 21 0 0.01 6 1/15/1991 0.33 8 0.04 0.08

Table 5. Rainfall Events for Typical Year (January - December)

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Storm Number	Date	Depth (Inches)	Duration (Hours)	Average Intensity (In/Hr)	Max Intensity (In/Hr)
7	1/16/1991	0.17	10	0.02	0.03
8	1/20/1991	0.53	30	0.02	0.05
9	1/26/1991	0.03	10	0	0.01
10	1/27/1991	0.08	4	0.02	0.03
11	1/29/1991	0.37	11	0.03	0.10
12	1/30/1991	0.01	1	0.01	0.01
13	1/31/1991	0.01	1	0.01	0.01
14	2/5/1991	0.01	1	0.01	0.01
15	2/6/1991	0.10	9	0.01	0.02
16	2/10/1991	0.73	20	0.04	0.09
17	2/13/1991	1.53	59	0.03	0.16
18	2/16/1991	0.18	14	0.01	0.04
19	2/18/1991	0.08	13	0.01	0.04
20	2/19/1991	0.29	7	0.04	0.10
21	2/26/1991	0.08	40	0	0.01
22	2/28/1991	0.04	4	0.01	0.02
23	3/2/1991	0.06	14	0	0.02
24	3/3/1991	0.70	24	0.03	0.10
25	3/6/1991	0.83	14	0.06	0.13
26	3/9/1991	0.07	2	0.04	0.05
27	3/10/1991	0.08	4	0.02	0.03
28	3/17/1991	0.50	31	0.02	0.07
29	3/22/1991	0.32	4	0.08	0.18
30	3/22/1991	0.14	3	0.05	0.08
31	3/23/1991	0.23	10	0.02	0.06
32	3/26/1991	0.02	1	0.02	0.02
33	3/27/1991	0.62	1	0.62	0.62
34	3/31/1991	0.07	6	0.01	0.03
35	4/1/1993	0.16	5	0.03	0.07
36	4/2/1993	0.06	12	0.01	0.02
37	4/9/1993	0.77	16	0.05	0.09
38	4/11/1993	0.09	1	0.09	0.09
39	4/14/1993	0.03	2	0.02	0.02
40	4/15/1993	0.34	3	0.11	0.16
41	4/19/1993	0.27	13	0.02	0.11
42	4/20/1993	0.61	18	0.03	0.13
43	4/24/1993	0.03	2	0.02	0.02
44	4/25/1993	0.46	15	0.03	0.16
45	4/30/1993	0.10	6	0.02	0.03
46	5/4/1993	0.63	25	0.03	0.22
47	5/19/1993	0.15	6	0.03	0.07
48	5/23/1993	0.01	1	0.01	0.01
49	5/24/1993	0.08	6	0.01	0.04

FINAL 10 April 21, 2016

Storm Number	Date	Depth (Inches)	Duration (Hours)	Average Intensity (In/Hr)	Max Intensity (In/Hr)
50	5/28/1993	0.03	2	0.02	0.02
51	5/31/1993	0.16	2	0.08	0.08
52	6/3/1993	0.07	2	0.04	0.04
53	6/5/1993	0.37	6	0.06	0.25
54	6/7/1993	1.56	9	0.17	0.67
55	6/9/1993	0.21	1	0.21	0.21
56	6/9/1993	0.24	1	0.24	0.24
57	6/19/1993	0.31	2	0.16	0.22
58	6/20/1993	0.54	26	0.02	0.15
59	6/25/1993	0.08	1	0.08	0.08
60	6/27/1993	0.94	1	0.94	0.94
61	7/1/1993	0.05	4	0.01	0.02
62	7/3/1993	0.01	1	0.01	0.01
63	7/4/1993	0.44	1	0.44	0.44
64	7/6/1993	0.47	1	0.47	0.47
65	7/11/1993	0.35	3	0.12	0.24
66	7/19/1993	0.14	2	0.07	0.13
67	7/26/1993	0.04	2	0.02	0.02
68	7/28/1993	1.08	9	0.12	0.72
69	7/29/1993	0.67	3	0.22	0.31
70	8/2/1993	0.42	2	0.21	0.41
71	8/3/1993	0.42	10	0.04	0.20
72	8/6/1993	0.10	4	0.03	0.06
73	8/7/1993	0.13	1	0.13	0.13
74	8/10/1993	0.02	2	0.01	0.01
75	8/11/1993	0.24	4	0.06	0.23
76	8/12/1993	0.02	1	0.02	0.02
77	8/16/1993	0.07	1	0.07	0.07
78	8/20/1993	0.01	1	0.01	0.01
79	8/28/1993	0.06	1	0.06	0.06
80	8/31/1993	0.03	6	0.01	0.02
81	9/2/1993	1.02	21	0.05	0.67
82	9/6/1993	0.35	1	0.35	0.35
83	9/7/1993	0.01	1	0.01	0.01
84	9/10/1993	0.01	1	0.01	0.01
85	9/10/1993	0.01	1	0.01	0.01
86	9/15/1993	2.38	16	0.15	0.4
87	9/22/1993	0.12	16	0.01	0.05
88	9/25/1993	1.63	20	0.08	0.29
89	9/27/1993	0.15	9	0.02	0.06
90	9/28/1993	0.23	3	0.08	0.12
91	9/29/1993	0.97	17	0.06	0.24
92	10/1/1993	0.01	1	0.01	0.01

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Storm Number	Date	Depth (Inches)	Duration (Hours)	Average Intensity (In/Hr)	Max Intensity (In/Hr)
93	10/1/1993	0.58	6	0.1	0.22
94	10/9/1993	0.43	13	0.03	0.13
95	10/16/1993	0.60	16	0.04	0.18
96	10/19/1993	0.04	1	0.04	0.04
97	10/20/1993	0.04	6	0.01	0.02
98	10/27/1993	0.15	4	0.04	0.10
99	10/30/1993	1.67	39	0.04	0.12
100	11/1/1991	0.01	1	0.01	0.01
101	11/7/1991	0.12	12	0.01	0.02
102	11/11/1991	0.69	7	0.1	0.14
103	11/12/1991	0.21	12	0.02	0.06
104	11/15/1991	0.62	31	0.02	0.10
105	11/18/1991	0.30	21	0.01	0.10
106	11/20/1991	0.46	19	0.02	0.14
107	11/23/1991	0.24	3	0.08	0.12
108	11/24/1991	0.03	8	0	0.01
109	11/25/1991	0.01	1	0.01	0.01
110	11/28/1991	0.19	8	0.02	0.05
111	11/30/1991	0.04	1	0.04	0.04
112	12/2/1991	1.19	17	0.07	0.29
113	12/3/1991	0.06	11	0.01	0.02
114	12/12/1991	0.16	17	0.01	0.06
115	12/14/1991	0.15	6	0.03	0.12
116	12/15/1991	0.07	16	0	0.01
117	12/18/1991	0.02	2	0.01	0.01
118	12/18/1991	0.03	16	0	0.01
119	12/20/1991	0.22	8	0.03	0.07
120	12/23/1991	0.10	6	0.02	0.03
121	12/28/1991	0.26	35	0.01	0.03
	Total	37.5			

2.5 Comparison of 2015 Rainfall Data & Typical Year Rainfall Data

The area-weighted average was applied to the 2015 precipitation data (Section 2.1) was used to compare the precipitation events of the District's synthetic Typical Year (Section 2.4). **Figure 2** compares the cumulative depth of precipitation associated between the observed 2015 gauge data and Typical Year. The cumulative depths are relatively close with a cumulative depth of 37.9 inches observed in 2015 compared to 37.5 inches for the Typical Year. Specific observations from the Typical Year and 2015 cumulative precipitation graph (**Figure 2**) show:

- Similar data at the beginning of the year from roughly January 1st to late February.
- Slightly lower cumulative precipitation depth for the 2015 data from late February to late May.

FINAL 12 April 21, 2016

- Significantly greater cumulative precipitation depth for the 2015 data from June to late November.
- Data converges more closely in line with each other as the graph approaches the end of the year.

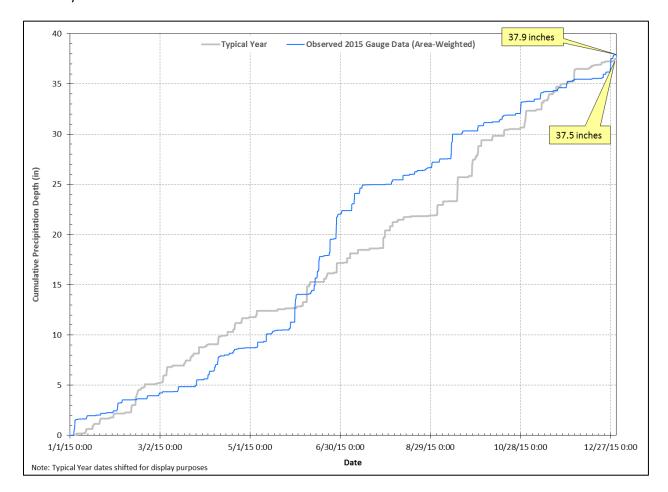


Figure 2. Comparison of Cumulative Precipitation Depth

The 2015 area-weighted precipitation data was processed using USEPA-SSOAP software program to segregate the 5-minute continuous precipitation record into discrete events. A 12-hour inter-event dry weather duration was used to segregate events. This analysis resulted in 128 discrete events ranging in total depth from 0.01 inch to 3.38 inch. The total precipitation depths for the 2015 period was compared to the Typical Year events by ranking the events from largest to smallest as shown in **Figure 3**. From this comparison, the six largest events in terms of precipitation depth were significantly greater in the observed precipitation events compared to the Typical Year events. The remaining events observed in 2015 were comparable to the Typical Year events in terms of total depths.

FINAL 13 April 21, 2016

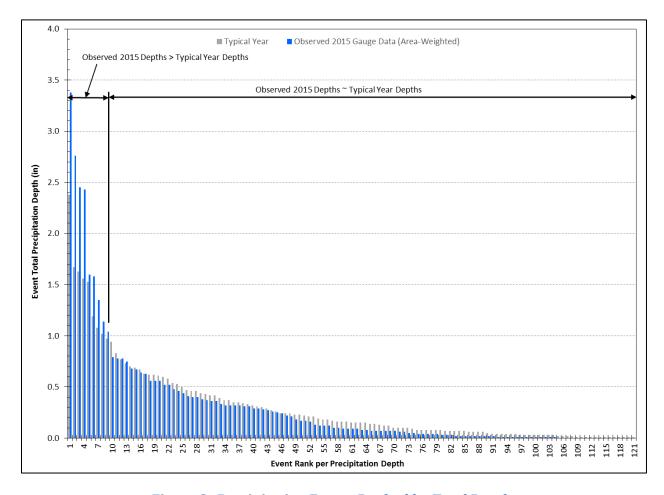


Figure 3. Precipitation Events Ranked by Total Depth

The peak hourly intensity per event was also ranked and compared between the observed, areaweighted 2015 precipitation and Typical Year events as shown in **Figure 4** below. Overall, the observed 2015 peak hourly intensities compared to the Typical Year events showed no significant differences.

FINAL 14 April 21, 2016

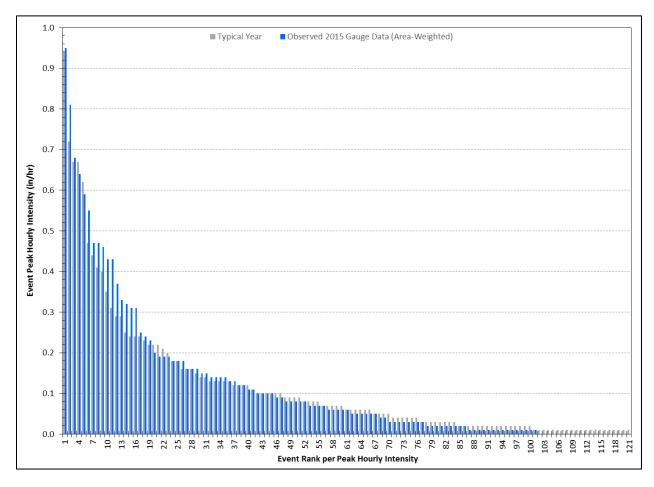


Figure 4. Precipitation Events Ranked by Peak Hourly Intensity

2.6 Typical Year CSO Volumes & Activations

Table 6 presents model-estimated CSO volumes and activations under baseline conditions for the District's synthetic Typical Year for all 121 events.

Baseline **Outfall Name** # of Overflows Volume (MG) **Conditions** Model **CSO 007** 0 Mill Creek 0 **CSO 013** 0 0 Mill Creek **CSO 014** 0 0 Mill Creek **CSO 017** 0 0 Mill Creek CSO 019 0 0 Mill Creek Mill Creek **CSO 020** 0 0 CSO 021 0 0 Mill Creek 2 **CSO 022** 0.1 Mill Creek 0 0 Mill Creek **CSO 025**

Table 6. Typical Year CSO Volumes & Activations

FINAL 15 April 21, 2016

			Baseline
Outfall Name	# of Overflows	Volume (MG)	Conditions
			Model
CSO 027	3	0.1	Mill Creek
CSO 028	0	0	Mill Creek
CSO 030	0	0	Mill Creek
CSO 031	0	0	Mill Creek
CSO 032	0	0	Mill Creek
CSO 033	6	2.0	Southerly
CSO 035	62	41.3	Southerly
CSO 036	70	475.9	Southerly
CSO 037	0	0	Southerly
CSO 038	0	0	Southerly
CSO 039	33	8.8	Southerly
CSO 040	63	387.0	Southerly
CSO 043	0	0	Big Creek
CSO 044	1	<0.1	Big Creek
CSO 045	17	10.6	Big Creek
CSO 050	9	0.9	Big Creek
CSO 051	19	23.7	Big Creek
CSO 052	0	0	Big Creek
CSO 053	35	30.8	Big Creek
CSO 054	16	15.5	Big Creek
CSO 055	5	0.7	Big Creek
CSO 056	47	87.9	Big Creek
CSO 057	50	197.7	Big Creek
CSO 058	68	230.5	Big Creek
CSO 059	15	13.5	Big Creek
CSO 060	0	0	Big Creek
CSO 062	0	0	Big Creek
CSO 063	1	0.1	Big Creek
CSO 064	3	0.1	Westerly
CSO 065	0	0	Westerly
CSO 066	0	0	Westerly
CSO 067	3	0.3	Westerly
CSO 068	39	14.6	Westerly
CSO 069	0	0	Westerly
CSO 071	0	0	Westerly
CSO 072	8	1.8	Southerly
CSO 073	28	55.7	Easterly
CSO 074	28	23.8	Westerly

FINAL 16 April 21, 2016

Outfall Name	# of Overflows	Volume (MG)	Baseline Conditions Model
CSO 075	7	3.3	Westerly
CSO 076	8	1.6	Westerly
CSO 078	23	5.7	Westerly
CSO 079	2	0.1	Westerly
CSO 080	42	314.2	Westerly
CSO 081	1	<0.1	Westerly
CSO 082	9	0.6	Westerly
CSO 083	1	<0.1	Westerly
CSO 084	0	0	Westerly
CSO 085	2	0.3	Westerly
CSO 086	22	5.1	Westerly
CSO 087	23	18.6	Westerly
CSO 088	35	9.5	Westerly
CSO 089	7	0.2	Westerly
CSO 090	33	9.4	Easterly
CSO 091	0	0	Easterly
CSO 092	0	0	Easterly
CSO 093	0	0	Easterly
CSO 094	33	40.4	Easterly
CSO 095	7	5.1	Easterly
CSO 096	14	9.2	Easterly
CSO 097	13	1.7	Easterly
CSO 098	53	15.8	Easterly
CSO 099	1	0.1	Easterly
CSO 200	80	164.4	Easterly
CSO 201	32	14.7	Easterly
CSO 202	50	127.0	Easterly
CSO 203	15	8.2	Easterly
CSO 204	47	140.9	Easterly
CSO 205	53	41.9	Easterly
CSO 206	62	163.0	Easterly
CSO 207	0	0	Easterly
CSO 208	34	11.1	Easterly
CSO 209	56	82.9	Easterly
CSO 210	42	64.7	Easterly
CSO 211	80	187.3	Easterly
CSO 212	9	1.1	Easterly
CSO 214	46	32.9	Easterly

FINAL 17 April 21, 2016

		(5.5.5)	Baseline
Outfall Name	# of Overflows	Volume (MG)	Conditions Model
CSO 215	0	0	Easterly
CSO 216	0	0	<u> </u>
CSO 216	39	5.8	Easterly
			Easterly
CSO 218	32	53.5	Easterly
CSO 219	38	2.7	Easterly
CSO 220	16	16.3	Easterly
CSO 221	32	13.4	Easterly
CSO 222	32	166.8	Easterly
CSO 223	0	0	Easterly
CSO 224	31	22.5	Easterly
CSO 225	8	0.3	Easterly
CSO 226	8	0.7	Easterly
CSO 230	72	111.7	Easterly
CSO 231	37	29.2	Easterly
CSO 232	62	75.8	Easterly
CSO 233	63	23.6	Big Creek
CSO 234	30	12.9	Easterly
CSO 235	25	4.2	Easterly
CSO 236	1	<0.1	Easterly
CSO 238	6	0.6	Big Creek
CSO 239	46	30.2	Easterly
CSO 240	8	0.5	Westerly
CSO 241	0	0	Big Creek
CSO 242	17	71.2	Easterly
CSO 243	5	0.1	Mill Creek
CSO 245	0	0	Mill Creek
CSO 246	0	0	Mill Creek
CSO 247	0	0	Mill Creek
CSO 249	2	<0.1	Mill Creek
CSO 250	0	0	Southerly
CSO 252	2	0.1	Mill Creek
CSO 253	17	1.5	Westerly
CSO 254	0	0	Big Creek
CSO 255	13	4.3	Big Creek
CSO 256	5	0.2	Easterly
CSO 257	0	0	Big Creek
CSO 258	2	79.6	Mill Creek
Total		3,831.9	
1		• -	

FINAL 18 April 21, 2016

2.7 Evaluation of CSO Volumes & Activations

Part II., Item K. 3 of NPDES Permit 3PA00002*GD requires the District to provide "an evaluation of whether the CSO activation volume and frequency for the previous year is in accordance with the estimates in the Facilities Plan(s) and/or Consent Decree, given the precipitation which occurred during the year, and the CSO abatement activities which have been implemented." For purposes of the evaluation of whether the CSO activation volume and frequency for 2015 was in accordance with the Facilities Plan and/or Consent Decree, this exercise was performed for the majority of Mill Creek CSOs (CSO 022, 027, 243, 249, 252, and 258) and West Creek CSO 063. In 2015, the Mill Creek Long Term Control Plan (LTCP) and Control Measure (CM) 24 – CSO 063 Relief and Consolidation Sewer (CSO063RCS) projects are the only CSO abatement projects in full operation.

Mill Creek CSOs

The Mill Creek LTCP was approved by Ohio EPA in 1997 and the implementation of the plan was completed in 2012 with the completion of the Mill Creek Tunnel (MCT) system. Due to the implementation status of the Mill Creek LTCP at the time of Consent Decree negotiations, Mill Creek projects/CSOs were not included in the Consent Decree. The Mill Creek LTCP allows for up to 5 overflows in a Typical Year to Mill Creek. Based on the continuous model simulation of the observed 2015 precipitation period, fifteen of the total twenty-two permitted CSOs to the Mill Creek were estimated having 5 or less overflows. The remaining seven (CSOs 022, 027, 072, 243, 249, 252, and 258) are showing more than 5 activations. By design, the Mill Creek LTCP projects would control all but the largest five events in the District's Typical Year which exceed the design conveyance and/or storage capacities of the LTCP projects. The 2015 model-estimated activations exceed the targeted CSO performance of 5 or less overflows as the Mill Creek service area experienced at least nine events during 2015 larger than the Typical Year design storms.

To help illustrate this point, **Figure 5** compares the individual 2015 events recorded at the four District rain gauges associated with the Mill Creek service area (Shaker Heights, Maple Heights, Southerly WWTC, and Moreland Hills) and the Typical Year storms in terms of peak 1-hour intensity versus total precipitation depth. The events are segregated into four quadrants based when lines are drawn on the graph identifying the 6th largest Typical Year events in terms of peak intensity (Storm 64) and total depth (Storm 112) to illustrate how individual events compare to the original Typical Year design storms that were targeted to be controlled versus overflow.

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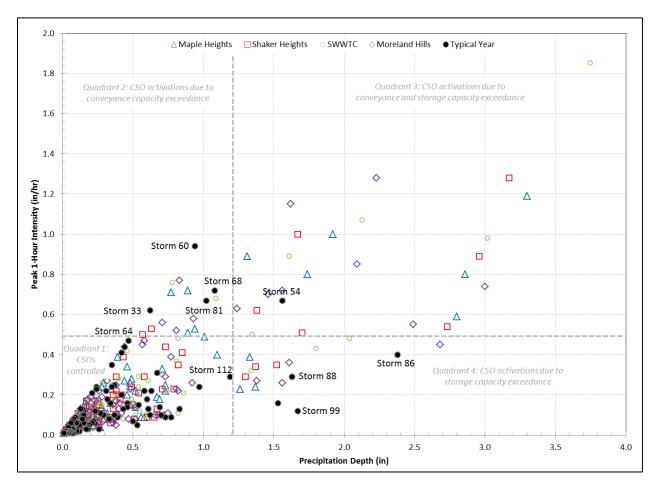


Figure 5. Comparison of 2015 Precipitation Events in the Mill Creek Service Area to District's Typical Year Storms

Observations are described further below:

- Quadrant 1: Events in this quadrant are equal to or smaller than the 6th largest Typical Year storms in terms of both peak intensity and total depth. CSO activations associated with these events are intended to be fully controlled with the LTCP projects in place.
- Quadrant 2: Events in this quadrant are greater than the 6th largest Typical Year storm in terms of peak intensity but not in terms of total depth. CSO activations associated with these events are expected to occur since the system's conveyance capacities with LTCP projects (e.g., regulator modifications, relief sewers, etc.) in place are exceeded. Total depth usually does not factor into the CSO performance for these events.
- Quadrant 3: Events in this quadrant are greater than the 6th largest Typical Year storms in terms of both peak intensity and total depth. CSO activations associated with these events are expected to occur since the system's conveyance and storage capacities

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with LTCP projects (e.g., regulator modifications, relief sewers, storage tunnel, tanks, etc.) in place are exceeded.

Quadrant 4: Events in this quadrant are greater than the 6th largest Typical Year storm in terms of total depth but not in terms of peak intensity. CSO activations associated with these events are expected to occur since the system's storage capacities with LTCP projects (e.g., storage tunnel, tanks, etc.) in place are exceeded. Peak intensity usually does not factor into the CSO performance for these events.

Overall, the 2015 precipitation period had larger events than the Typical Year's five largest storms in terms of rainfall depth and intensity and therefore explains the greater than expected number of activations.

West Creek CSO 063

Construction of the CM 24/CSO063RCS Project began in 2013 and on November 11, 2014 full operation was achieved. Per the Consent Decree, the targeted CSO performance at CSO 063 at the completion of CM24 was to achieve 1 or fewer overflows in the Typical Year. A Post-Construction Monitoring Plan (PCMP) was implemented from December 29, 2014 through December 29, 2015 per Appendix 2 of the District's Consent Decree. Flow monitoring data collected during the PCMP effort was used to successfully validate the District's CSO model for use in demonstrating CM 24 complied with the Consent Decree. In the continuous model simulation of the observed 2015 precipitation period, four (4) activations were estimated at CSO 063 compared to the monitor-observed five (5) activations. However, no rainfall was recorded at either of the two District gauges during the same time the fifth activation was recorded by the monitor. Spatial variability in the rainfall caused by smaller isolated storm cells moving across the service area that don't always get effectively picked up by the rain gauge network is a likely explanation for this discrepancy. The District's NPDES permit (Part I., C – Schedule of Compliance, Item C.) requires recalibration of CSO models if the criteria provided in Section 2.4.1 of Appendix 2 of the District's Consent Decree are met. Based on this model versus monitor comparison in Section 2.4.1, item number 5 was not met and model recalibration is not required.

This monitoring data was also used to report the 2015 performance at CSO 063 on the December eDMR which indicated a total of five activations. **Figure 6** compares the individual 2015 events recorded at the two District's rain gauges associated with the CM24/CSO063RCS service area (Jennings PS and James Rhodes HS) and the Typical Year storms in terms of peak 1-hour intensity versus total precipitation depth. The events are segregated into four quadrants when lines are drawn on the graph identifying the 2nd largest Typical Year events in terms of peak intensity (Storm 68) and total depth (Storm 99) to illustrate how individual events compare to the original Typical Year design storms that were targeted to be controlled versus overflow. Similar to Mill Creek, the 2015 precipitation period had larger events than the Typical Year's largest storm in terms of rainfall depth and intensity and therefore explains to some extent why there are more activations than expected. Additionally, as noted above in the model assessment performed during the PCMP effort, spatial variation in the rainfall can also be a factor.

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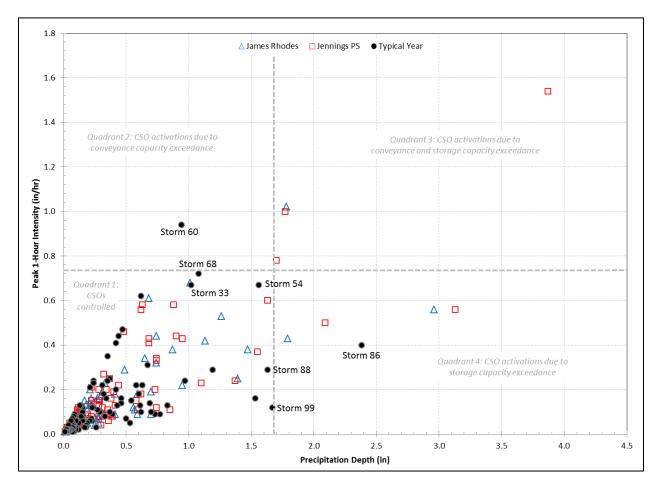


Figure 6. Comparison of 2015 Precipitation Events in the CM24/CS0063RCS Service Area to District's Typical Year Storms

3.0 Nine Minimum Control Program Modifications

The District administers its Nine Minimum Control Program through its CSO Operational Plan. In 2015, the District conducted a comprehensive review and update to the CSO Operational Plan to continue to reduce the frequency and magnitude of wet weather CSOs and to prevent dry weather overflows through proper CSS operation and maintenance (O&M) programs. In accordance with Part I., C – Schedule of Compliance, Section A. of NPDES Permit 3PA00002*GD, the District submitted an updated CSO Operational Plan to the Ohio EPA by April 1, 2016.

4.0 Stream Assessment Results

Part II., Section J. of NPDES Permit 3PA00002*GD requires the District to conduct biological, chemical and habitat assessments on each of the following receiving streams at least once during the five year permit cycle:

- Big Creek
- Cuyahoga River

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- Doan Brook
- Euclid Creek
- Mill Creek
- Rocky River
- West Creek

In 2015, the District conducted biological, chemical and habitat assessments on the **Cuyahoga River**, **Big Creek**, **Euclid Creek**, **Mill Creek** and **West Creak**. The results of the biological and habitat assessments are provided in **Table 7**. The field data sheets that support the biological and habitat results are provided in Attachments C (Qualitative Habitat Evaluation Index (QHEI) field sheets), D (Macroinvertebrate field sheets) and E (Fish data sheets). The surface water quality chemistry results and surface water sampling field data sheets are located in Attachments F and G, respectively.

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Table 7. 2015 Biological & Habitat Results

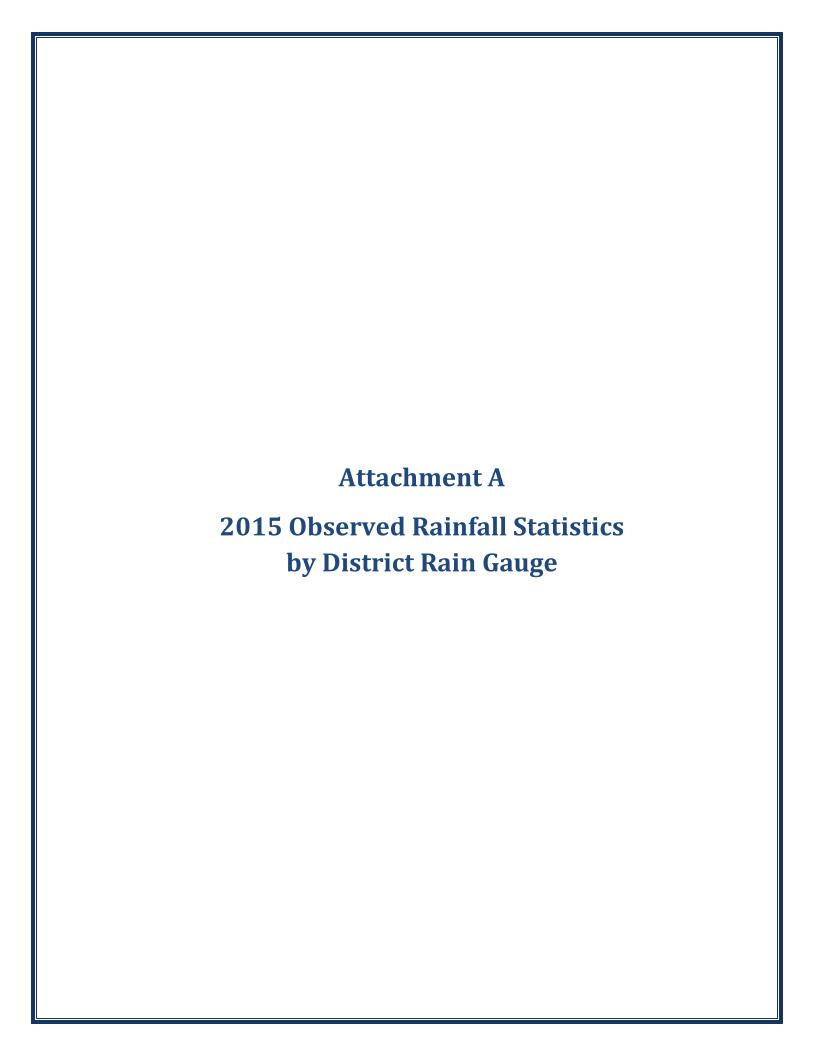
			IBI		Mlwb		ICI		QHEI
Stream	Site	Score(s)	Narrative Rating	Score(s)	Narrative Rating	Score	Narrative Rating	Score	Narrative Rating
Cuyahoga River	12.1/11.95	1	1	1	1	44	Very Good	67.5	Good
Cuyahoga River	7.00	28, 34	Fair, Fair	7.2, 8.4	Fair, Marginally Good	24	Fair	70.5	Good
Big Creek	4.40	30	Fair	2	2	3	Marginally Good ⁴	62.5	Good
Big Creek	0.15	20, 36	Poor, Marginally Good	7.1, 6.1	Fair, Poor	3	Poor ⁴	72.5	Excellent
Euclid Creek	1.65	24, 26	Poor, Poor	4.7, 6.1	Poor, Fair	36	Good	79.5	Excellent
Euclid Creek	0.55	32, 32	Fair, Fair	5.9, 7.9	Fair, Good	18	Fair	62	Good
Mill Creek	8.30	24	Poor	2	2	38	Good	73.5	Excellent
Mill Creek	0.12	38, 46	Marginally Good, Very Good	2	2	3	Marginally Good ⁴	70.25	Excellent
West Creek	2.10	28	Fair	2	2	3	Fair⁴	74	Excellent
West Creek	0.20	36, 40	Marginally Good, Good	2	2	48	Exceptional	50.5	Fair

¹Unable to get electrofishing boat to site to conduct sampling due to river conditions

²MIwb not applicable to sites with a drainage area <20mi²

³Hester-Dendy sampler lost during colonization period; only qualitative sampling conducted

⁴Based on qualitative sample and best professional judgment



		Beachw	ood Rain G	auge	
	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
Event	Time	(In)	(Hrs)	Intensity (In/Hr)	Dry Period (Days)
1	1/3/2015 11:55	1.33	38.83	0.25	2.5
2	1/6/2015 2:15	0.03	1.50	0.02	1.0
3	1/7/2015 5:30	0.01	0.08	0.01	1.1
4	1/8/2015 23:05	0.01	0.08	0.01	1.7
5	1/11/2015 20:20	0.30	16.75	0.06	2.9
6	1/18/2015 6:10	0.08	6.08	0.03	5.7
7	1/21/2015 6:50	0.16	9.75	0.07	2.8
8	1/24/2015 17:55	0.09	12.75	0.04	3.1
9	1/29/2015 11:00	0.17	9.25	0.05	4.2
10	2/1/2015 3:40	0.79	28.33	0.09	2.3
11	2/3/2015 23:25	0.32	23.58	0.06	1.6
12	2/9/2015 0:05	0.01	0.08	0.01	4.0
13	2/11/2015 18:10	0.03	3.33	0.01	2.8
14	2/14/2015 8:05	0.13	7.00	0.06	2.4
15	2/19/2015 19:15	0.01	0.08	0.01	5.2
16	2/21/2015 6:25	0.30	9.42	0.07	1.5
17	2/22/2015 18:40	0.01	0.08	0.01	1.1
18	3/1/2015 0:55	0.27	16.25	0.04	6.3
19	3/3/2015 9:15	0.14	9.92	0.04	1.7
20	3/10/2015 15:55	0.02	4.92	0.01	6.9
21	3/13/2015 17:20	0.40	15.00	0.07	2.9
22	3/25/2015 7:20	0.10	2.75	0.09	11.0
23	3/26/2015 6:05	0.48	8.33	0.14	0.8
24	3/27/2015 17:00	0.01	0.08	0.01	1.1
25	3/30/2015 1:45	0.01	0.08	0.01	2.4
26	3/31/2015 3:15	0.09	5.75	0.07	1.1
27	4/2/2015 12:05	0.50	11.08	0.35	2.1
28	4/3/2015 16:30	0.33	11.00	0.13	0.7
29	4/6/2015 12:50	0.79	40.50	0.24	2.4
30	4/9/2015 6:40	0.77	26.42	0.26	1.1
31	4/10/2015 23:10	0.08	2.08	0.07	0.6
32	4/13/2015 17:55	0.04	2.17	0.03	2.7
33	4/16/2015 11:20	0.22	14.83	0.11	2.6
34	4/19/2015 10:15	0.42	27.08	0.15	2.3
35	4/22/2015 0:10	0.04	2.33	0.02	1.5
36	4/22/2015 23:50	0.06	11.08	0.04	0.9
37	4/27/2015 7:55	0.06	1.42	0.05	3.9
38	5/4/2015 16:50	0.05	0.75	0.05	7.3
39	5/5/2015 8:50	0.03	1.50	0.02	0.6
40	5/5/2015 22:55	0.56	2.50	0.30	0.5
41	5/9/2015 23:55	0.07	9.25	0.06	3.9

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		Beachw	ood Rain G	auge	
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
42	5/11/2015 19:00	0.46	4.67	0.41	1.4
43	5/15/2015 9:40	0.32	15.92	0.21	3.4
44	5/17/2015 7:35	0.02	2.83	0.01	1.3
45	5/18/2015 16:40	0.04	0.08	0.04	1.3
46	5/22/2015 6:45	0.03	0.58	0.03	3.6
47	5/26/2015 19:35	0.23	5.08	0.16	4.5
48	5/27/2015 18:30	0.81	4.42	0.40	0.7
49	5/30/2015 17:40	2.16	38.08	0.68	2.8
50	6/9/2015 4:30	0.03	1.58	0.02	7.9
51	6/10/2015 7:35	0.06	1.58	0.05	1.1
52	6/10/2015 23:15	0.23	2.08	0.19	0.6
53	6/12/2015 14:55	0.87	17.00	0.54	1.6
54	6/14/2015 4:05	1.02	17.50	0.61	0.8
55	6/15/2015 12:20	2.17	20.50	1.56	0.6
56	6/18/2015 3:00	0.05	1.75	0.04	1.8
57	6/18/2015 21:15	0.05	0.83	0.05	0.7
58	6/20/2015 9:30	0.03	0.75	0.03	1.5
59	6/22/2015 17:50	1.20	12.75	0.65	2.3
60	6/25/2015 14:30	0.04	1.00	0.04	2.3
61	6/27/2015 2:45	3.24	34.42	0.86	1.5
62	6/29/2015 17:50	0.02	4.75	0.01	1.2
63	6/30/2015 16:30	0.45	14.17	0.29	0.8
64	7/7/2015 14:50	1.10	11.08	0.63	6.3
65	7/9/2015 5:35	0.91	10.75	0.44	1.2
66	7/12/2015 19:55	0.49	8.58	0.23	3.2
67	7/14/2015 12:40	0.75	17.83	0.55	1.3
68	7/17/2015 9:05	0.02	0.25	0.02	2.1
69	7/21/2015 10:20	0.01	0.08	0.01	4.0
70	7/29/2015 21:00	0.02	0.67	0.02	8.4
71	8/3/2015 1:45	0.11	4.67	0.06	4.2
72	8/3/2015 20:35	0.32	0.67	0.32	0.6
73	8/10/2015 11:00	0.10	9.25	0.08	6.6
74	8/11/2015 19:25	0.01	0.08	0.01	1.0
75	8/14/2015 23:40	0.11	3.08	0.08	3.2
76	8/17/2015 14:20	0.01	0.08	0.01	2.5
77	8/18/2015 14:40	0.27	1.08	0.26	1.0
78	8/20/2015 7:40	0.08	1.08	0.08	1.7
79	8/24/2015 0:05	0.04	1.75	0.03	3.6
80	8/25/2015 4:25	0.02	1.92	0.01	1.1
81	8/26/2015 0:05	0.17	32.75	0.05	0.7
82	8/29/2015 18:50	0.59	15.58	0.23	2.4

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	Beachwood Rain Gauge							
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)			
83	9/4/2015 0:50	0.07	2.67	0.06	4.6			
84	9/11/2015 16:25	2.22	29.25	0.33	7.5			
85	9/19/2015 3:45	0.48	13.50	0.27	6.3			
86	9/29/2015 8:00	0.16	9.92	0.12	9.6			
87	10/9/2015 7:55	0.12	1.42	0.11	9.6			
88	10/13/2015 22:40	0.35	15.42	0.12	4.6			
89	10/15/2015 18:50	0.34	5.00	0.14	1.2			
90	10/16/2015 13:15	0.17	8.58	0.08	0.6			
91	10/18/2015 3:25	0.01	0.08	0.01	1.2			
92	10/24/2015 18:55	0.16	3.58	0.09	6.6			
93	10/27/2015 22:30	1.40	29.33	0.23	3.0			
94	10/30/2015 3:55	0.04	3.50	0.02	1.0			
95	11/1/2015 0:20	0.06	3.50	0.03	1.7			
96	11/6/2015 3:55	0.23	5.83	0.14	5.0			
97	11/10/2015 4:30	0.60	15.08	0.09	3.8			
98	11/12/2015 2:35	0.12	12.17	0.04	1.3			
99	11/13/2015 18:05	0.03	0.92	0.03	1.1			
100	11/18/2015 17:55	0.13	9.75	0.10	5.0			
101	11/21/2015 16:05	0.43	19.50	0.09	2.5			
102	11/27/2015 11:10	0.55	25.17	0.09	5.0			
103	12/1/2015 9:45	0.12	9.33	0.05	2.9			
104	12/2/2015 17:50	0.12	13.42	0.08	1.0			
105	12/14/2015 11:25	0.09	10.75	0.03	11.2			
106	12/19/2015 7:25	0.07	7.42	0.05	4.4			
107	12/21/2015 9:10	0.48	21.92	0.21	1.8			
108	12/23/2015 4:10	0.01	0.08	0.01	0.9			
109	12/23/2015 22:00	0.21	1.50	0.14	0.7			
110	12/25/2015 7:50	0.01	0.08	0.01	1.4			
111	12/26/2015 18:00	1.31	21.25	0.31	1.4			
112	12/28/2015 11:30	0.40	19.58	0.09	0.8			

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	Brecksville Rain Gauge						
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent		
	Time	(In)	(Hrs)	Intensity	Dry Period		
				(In/Hr)	(Days)		
1	1/3/2015 11:45	1.28	34.08	0.25	2.5		
2	1/6/2015 2:05	0.06	4.75	0.03	1.2		
3	1/7/2015 6:30	0.02	6.17	0.01	1.0		
4	1/8/2015 21:45	0.06	9.08	0.02	1.4		
5	1/11/2015 20:00	0.27	24.08	0.05	2.6		
6	1/18/2015 5:50	0.07	6.08	0.03	5.4		
7	1/19/2015 0:10	0.02	1.08	0.02	0.5		
8	1/20/2015 10:40	0.02	0.83	0.02	1.4		
9	1/21/2015 1:00	0.19	10.58	0.07	0.6		
10	1/24/2015 18:20	0.15	37.75	0.03	3.3		
11	1/29/2015 10:55	0.22	21.25	0.06	3.1		
12	2/1/2015 3:30	0.74	27.25	0.12	1.8		
13	2/3/2015 23:25	0.07	3.33	0.04	1.7		
14	2/4/2015 15:35	0.27	8.00	0.08	0.5		
15	2/8/2015 23:10	0.05	1.17	0.04	4.0		
16	2/11/2015 21:15	0.04	8.75	0.02	2.9		
17	2/14/2015 7:25	0.25	11.58	0.08	2.1		
18	2/18/2015 19:45	0.05	11.50	0.02	4.0		
19	2/19/2015 20:55	0.01	0.08	0.01	0.6		
20	2/21/2015 6:50	0.19	9.67	0.05	1.4		
21	3/1/2015 0:30	0.32	17.17	0.05	7.3		
22	3/3/2015 10:50	0.11	7.58	0.06	1.7		
23	3/9/2015 0:40	0.02	0.75	0.02	5.3		
24	3/10/2015 13:10	0.07	8.42	0.02	1.5		
25	3/13/2015 16:40	0.53	15.67	0.08	2.8		
26	3/25/2015 6:40	0.14	3.50	0.10	10.9		
27	3/26/2015 6:00	0.50	7.08	0.13	0.8		
28	3/27/2015 9:00	0.02	8.00	0.01	0.8		
29	3/30/2015 1:40	0.01	0.08	0.01	2.4		
30	3/31/2015 3:00	0.07	6.50	0.05	1.1		
31	4/2/2015 11:45	0.10	11.17	0.05	2.1		
32	4/3/2015 16:05	0.41	11.67	0.20	0.7		
33	4/6/2015 12:45	0.69	35.92	0.31	2.4		
34	4/9/2015 6:25	0.98	26.50	0.22	1.2		
35	4/10/2015 23:30	0.02	0.92	0.02	0.6		
36	4/13/2015 17:55	0.15	2.33	0.09	2.7		
37	4/16/2015 11:00	0.25	17.42	0.14	2.6		
38	4/19/2015 9:50	0.33	30.25	0.16	2.2		
39	4/22/2015 1:10	0.11	10.83	0.06	1.4		
40	4/23/2015 7:20	0.01	0.08	0.01	0.8		
41	4/25/2015 3:40	0.07	2.17	0.04	1.8		

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		Brecks	sville Rain G	iauge	
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity	Antecedent Dry Period
42	4/27/201F 0:10	0.00	3.25	(In/Hr)	(Days) 2.1
42	4/27/2015 8:10	0.09	1.17	0.06	
43	4/30/2015 22:30	0.02		0.01	3.5
44	5/4/2015 16:55 5/5/2015 7:20	0.11	7.92	0.10	3.7 0.6
46	5/10/2015 8:35	0.02	0.42	0.01	4.7
46	5/15/2015 8:35	0.02	22.42	0.02	5.0
47	5/17/2015 8:05	0.13	0.08	0.08	1.0
49	5/26/2015 19:15	0.01	4.75	0.12	9.5
50	5/30/2015 11:15	4.71	41.58	1.11	3.5
51	6/10/2015 7:25	0.27	4.50	0.24	9.1
52	6/12/2015 14:30	1.14	17.00	0.44	2.1
53	6/14/2015 3:15	0.25	19.08	0.10	0.8
54	6/15/2015 15:05	1.87	18.17	1.11	0.8
55	6/18/2015 6:15	0.01	0.08	0.01	1.9
56	6/18/2015 20:15	0.01	1.92	0.01	0.6
57	6/20/2015 9:00	0.03	0.92	0.08	1.5
58	6/21/2015 7:25	0.62	8.50	0.36	0.9
59	6/22/2015 18:00	0.95	12.75	0.54	1.1
60	6/25/2015 12:45	0.03	0.75	0.03	2.3
61	6/27/2015 0:40	2.65	35.58	0.79	1.5
62	6/29/2015 18:40	0.09	3.25	0.08	1.3
63	6/30/2015 15:50	0.23	19.17	0.17	0.8
64	7/7/2015 15:45	0.19	8.17	0.08	6.2
65	7/14/2015 14:15	0.39	0.17	0.39	6.6
66	7/17/2015 9:10	0.14	12.83	0.08	2.8
67	7/19/2015 18:20	0.02	0.25	0.02	1.9
68	7/20/2015 9:15	0.01	0.08	0.01	0.6
69	7/29/2015 20:30	0.05	0.67	0.05	9.5
70	8/3/2015 3:05	0.05	3.58	0.04	4.3
71	8/10/2015 12:20	1.26	8.00	1.20	7.2
72	8/11/2015 22:15	0.08	0.25	0.08	1.1
73	8/18/2015 15:40	0.01	0.08	0.01	6.7
74	8/20/2015 7:40	0.14	1.17	0.13	1.7
75	8/24/2015 1:35	0.01	0.08	0.01	3.7
76	8/26/2015 1:40	0.05	16.50	0.02	2.0
77	8/27/2015 8:40	0.05	0.92	0.05	0.6
78	8/29/2015 18:15	0.40	12.00	0.20	2.4
79	9/1/2015 18:10	0.56	2.67	0.55	2.5
80	9/3/2015 18:45	0.53	14.50	0.13	1.9
81	9/11/2015 17:20	2.61	29.67	0.57	7.3
82	9/19/2015 3:25	0.15	12.67	0.13	6.2

FINAL A-5 April 21, 2016

Brecksville Rain Gauge							
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent		
	Time	(In)	(Hrs)	Intensity	Dry Period		
				(In/Hr)	(Days)		
	9/28/2015 6:35	0.01	0.08	0.01	8.6		
	9/29/2015 5:40	0.56	30.50	0.19	1.0		
85	10/3/2015 5:50	0.43	24.25	0.12	2.7		
86	10/9/2015 8:15	0.03	9.50	0.01	5.1		
87	10/13/2015 0:50	0.02	0.25	0.02	3.3		
88	10/14/2015 1:50	0.02	5.00	0.01	1.0		
89	10/15/2015 19:50	0.60	25.75	0.20	1.5		
90	10/17/2015 15:25	0.01	0.08	0.01	0.7		
91	10/18/2015 9:50	0.03	0.42	0.03	0.8		
92	10/24/2015 18:30	0.51	8.25	0.39	6.3		
93	10/27/2015 21:45	1.38	38.00	0.25	2.8		
94	10/30/2015 7:25	0.01	0.08	0.01	0.8		
95	11/1/2015 0:50	0.04	4.08	0.03	1.7		
96	11/6/2015 4:25	0.19	5.83	0.10	5.0		
97	11/7/2015 20:20	0.01	0.08	0.01	1.4		
98	11/10/2015 2:10	0.57	17.58	0.15	2.2		
99	11/12/2015 2:30	0.22	14.42	0.13	1.3		
100	11/13/2015 15:30	0.03	3.25	0.02	0.9		
101	11/18/2015 17:40	0.08	10.58	0.05	5.0		
102	11/21/2015 17:35	0.21	7.75	0.11	2.6		
103	11/27/2015 11:25	0.77	25.50	0.10	5.4		
104	12/1/2015 15:50	0.10	3.42	0.04	3.1		
105	12/2/2015 17:20	0.04	0.83	0.04	0.9		
106	12/3/2015 6:50	0.01	0.08	0.01	0.5		
107	12/14/2015 11:00	0.09	15.08	0.03	11.2		
108	12/16/2015 5:40	0.01	0.08	0.01	1.2		
109	12/21/2015 8:50	0.64	23.58	0.21	5.1		
110	12/23/2015 12:15	0.30	11.17	0.23	1.2		
111	12/26/2015 17:25	1.74	21.00	0.39	2.8		
112	12/28/2015 11:20	0.31	19.33	0.07	0.9		

FINAL A-6 April 21, 2016

	Brook Park Rain Gauge							
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)			
1	1/3/2015 11:15	1.56	33.08	0.22	2.5			
2	1/6/2015 1:45	0.05	3.33	0.02	1.2			
3	1/7/2015 5:45	0.02	0.25	0.02	1.0			
4	1/9/2015 0:50	0.02	0.92	0.02	1.8			
5	1/11/2015 20:20	0.33	16.50	0.06	2.8			
6	1/18/2015 5:55	0.04	5.92	0.02	5.7			
7	1/20/2015 11:25	0.01	0.08	0.01	2.0			
8	1/21/2015 6:35	0.16	7.00	0.05	0.8			
9	1/22/2015 11:10	0.01	0.08	0.01	0.9			
10	1/24/2015 18:20	0.03	10.92	0.02	2.3			
11	1/26/2015 1:00	0.01	0.08	0.01	0.8			
12	1/29/2015 13:00	0.17	7.08	0.06	3.5			
13	2/1/2015 3:05	0.67	33.33	0.10	2.3			
14	2/3/2015 23:35	0.06	3.92	0.03	1.5			
15	2/4/2015 15:40	0.23	6.83	0.07	0.5			
16	2/11/2015 19:35	0.01	0.08	0.01	6.9			
17	2/14/2015 7:55	0.07	4.17	0.03	2.5			
18	2/18/2015 19:30	0.03	10.17	0.01	4.3			
19	2/21/2015 6:50	0.23	8.67	0.07	2.1			
20	2/22/2015 18:15	0.01	0.08	0.01	1.1			
21	3/1/2015 0:35	0.31	17.67	0.05	6.3			
22	3/3/2015 9:50	0.09	6.33	0.04	1.7			
23	3/10/2015 19:20	0.03	6.25	0.01	7.1			
24	3/13/2015 17:05	0.55	15.00	0.11	2.6			
25	3/25/2015 8:45	0.01	0.08	0.01	11.0			
26	3/26/2015 5:30	0.57	6.83	0.17	0.9			
27	3/27/2015 15:10	0.01	0.08	0.01	1.1			
28	3/30/2015 1:25	0.01	0.08	0.01	2.4			
29	3/31/2015 2:40	0.08	4.42	0.07	1.1			
30	4/2/2015 11:25	0.46	11.58	0.34	2.2			
31	4/3/2015 16:10	0.38	11.00	0.14	0.7			
32	4/6/2015 12:30	0.67	41.33	0.18	2.4			
33	4/9/2015 6:25	0.78	26.25	0.32	1.0			
34	4/10/2015 22:35	0.05	1.00	0.05	0.6			
35	4/13/2015 17:40	0.12	2.00	0.07	2.8			
36	4/16/2015 11:00	0.01	0.08	0.01	2.6			
37	4/17/2015 0:25	0.13	1.50	0.12	0.6			
38	4/19/2015 19:45	0.32	19.67	0.14	2.7			
39	4/22/2015 0:30	0.06	2.25	0.05	1.4			
40	4/23/2015 5:30	0.07	3.50	0.05	1.1			
41	4/25/2015 3:05	0.08	2.58	0.04	1.8			

FINAL A-7 April 21, 2016

		Brook	Park Rain G	auge	
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
42	4/27/2015 7:50	0.07	1.67	0.06	2.1
43	5/4/2015 16:20	0.03	0.50	0.03	7.3
44	5/5/2015 23:30	0.01	0.08	0.01	1.3
45	5/11/2015 18:15	1.29	5.17	1.20	5.8
46	5/15/2015 8:55	0.16	4.08	0.10	3.4
47	5/16/2015 8:05	0.01	0.08	0.01	0.8
48	5/18/2015 16:20	0.01	0.08	0.01	2.3
49	5/26/2015 23:35	0.09	1.92	0.08	8.3
50	5/27/2015 18:20	0.81	4.17	0.42	0.7
51	5/30/2015 17:00	2.56	31.75	0.73	2.8
52	6/5/2015 5:25	0.13	0.25	0.13	4.2
53	6/8/2015 14:20	0.01	0.08	0.01	3.4
54	6/10/2015 7:05	0.28	4.67	0.17	1.7
55	6/12/2015 14:30	1.04	16.58	0.37	2.1
56	6/14/2015 4:05	0.22	19.25	0.09	0.9
57	6/18/2015 2:20	0.08	19.50	0.06	3.1
58	6/20/2015 9:15	0.03	0.33	0.03	1.5
59	6/21/2015 11:55	0.03	2.50	0.02	1.1
60	6/22/2015 17:25	2.32	14.92	1.07	1.1
61	6/25/2015 17:00	0.05	0.50	0.05	2.4
62	6/27/2015 1:10	2.67	13.08	1.18	1.3
63	6/28/2015 3:30	0.22	15.42	0.09	0.6
64	6/29/2015 13:45	0.47	34.58	0.29	0.8
65	7/7/2015 14:20	1.09	11.17	0.56	6.6
66	7/9/2015 5:20	1.19	9.83	0.55	1.2
67	7/12/2015 14:00	0.19	14.67	0.13	3.0
68	7/14/2015 13:50	0.16	1.75	0.13	1.4
69	7/17/2015 8:50	0.02	0.67	0.02	2.7
70	7/26/2015 1:00	0.04	1.25	0.03	8.6
71	7/29/2015 20:00	0.11	0.83	0.11	3.7
72	8/3/2015 1:30	0.32	4.50	0.13	4.2
73	8/10/2015 18:40	1.27	7.33	1.18	7.5
74	8/11/2015 21:25	0.08	0.50	0.08	0.8
75	8/14/2015 23:50	0.18	12.33	0.15	3.1
76	8/18/2015 13:15	0.17	3.00	0.16	3.0
77	8/19/2015 17:00	0.08	0.17	0.08	1.0
78	8/20/2015 6:55	0.14	0.92	0.14	0.6
79	8/23/2015 23:15	0.02	0.08	0.02	3.6
80	8/26/2015 0:20	0.07	15.42	0.02	2.0
81	8/27/2015 7:20	0.01	0.08	0.01	0.7
82	8/30/2015 0:35	0.80	9.33	0.59	2.7

FINAL A-8 April 21, 2016

		Brook	Park Rain G	auge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	9/3/2015 22:35	0.46	6.33	0.27	4.5
84	9/11/2015 16:40	3.09	29.33	0.66	7.5
85	9/19/2015 3:15	0.12	12.33	0.09	6.2
86	9/29/2015 7:15	0.92	27.50	0.72	9.7
87	10/3/2015 6:30	0.45	15.25	0.09	2.8
88	10/9/2015 8:05	0.10	7.92	0.07	5.4
89	10/14/2015 1:20	0.03	1.17	0.02	4.4
90	10/15/2015 19:55	0.31	5.42	0.19	1.7
91	10/16/2015 17:10	0.09	2.17	0.05	0.7
92	10/17/2015 14:35	0.01	0.08	0.01	0.8
93	10/24/2015 18:45	0.18	1.83	0.14	7.2
94	10/27/2015 22:15	1.15	29.17	0.27	3.1
95	10/30/2015 4:25	0.01	0.08	0.01	1.0
96	11/1/2015 0:20	0.02	2.75	0.01	1.8
97	11/6/2015 2:25	0.28	6.83	0.17	5.0
98	11/7/2015 18:15	0.02	0.17	0.02	1.4
99	11/10/2015 1:55	0.83	17.58	0.14	2.3
100	11/12/2015 2:20	0.14	12.08	0.06	1.3
101	11/13/2015 15:10	0.04	3.25	0.03	1.0
102	11/18/2015 17:55	0.09	7.83	0.06	5.0
103	11/21/2015 17:10	0.22	9.42	0.06	2.6
104	11/27/2015 11:10	0.80	25.42	0.11	5.4
105	12/1/2015 15:10	0.17	4.75	0.07	3.1
106	12/2/2015 17:15	0.07	13.25	0.05	0.9
107	12/14/2015 11:05	0.10	10.50	0.03	11.2
108	12/15/2015 16:40	0.02	0.67	0.02	0.8
109	12/17/2015 1:45	0.01	0.08	0.01	1.4
110	12/21/2015 8:30	0.10	6.17	0.05	4.3
111	12/22/2015 2:50	0.33	5.75	0.19	0.5
112	12/23/2015 21:45	0.27	1.58	0.22	1.6
113	12/25/2015 5:35	0.02	1.25	0.01	1.3
114	12/26/2015 17:15	1.70	20.67	0.38	1.4
115	12/28/2015 12:10	0.40	16.50	0.12	0.9

FINAL A-9 April 21, 2016

		Cleveland	d Heights Ra	in Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity (In/Hr)	Dry Period (Days)
1	1/3/2015 11:50	1.63	39.75	0.27	2.5
2	1/6/2015 2:05	0.04	3.50	0.03	0.9
3	1/7/2015 5:40	0.01	0.08	0.01	1.0
4	1/9/2015 1:35	0.01	0.08	0.01	1.8
5	1/11/2015 20:35	0.26	16.42	0.05	2.8
6	1/18/2015 6:10	0.06	5.92	0.03	5.7
7	1/21/2015 7:25	0.16	10.33	0.06	2.8
8	1/24/2015 18:05	0.08	11.42	0.05	3.0
9	1/25/2015 23:25	0.01	0.08	0.01	0.8
10	1/29/2015 10:50	0.18	17.00	0.06	3.5
11	2/1/2015 3:50	0.68	26.67	0.10	2.0
12	2/3/2015 23:40	0.05	3.42	0.03	1.7
13	2/4/2015 15:15	0.23	6.58	0.06	0.5
14	2/9/2015 4:10	0.01	0.08	0.01	4.3
15	2/11/2015 21:10	0.01	0.08	0.01	2.7
16	2/14/2015 8:00	0.09	8.00	0.05	2.5
17	2/19/2015 19:20	0.01	0.08	0.01	5.1
18	2/21/2015 7:35	0.19	9.42	0.05	1.5
19	3/1/2015 0:50	0.22	16.33	0.03	7.3
20	3/3/2015 9:10	0.11	7.50	0.04	1.7
21	3/10/2015 19:45	0.02	1.00	0.02	7.1
22	3/13/2015 17:25	0.45	14.50	0.08	2.9
23	3/25/2015 6:45	0.13	4.00	0.09	11.0
24	3/26/2015 5:50	0.53	7.17	0.16	0.8
25	3/27/2015 15:30	0.01	0.08	0.01	1.1
26	3/31/2015 3:05	0.08	5.92	0.07	3.5
27	4/2/2015 11:50	0.72	11.33	0.58	2.1
28	4/3/2015 16:50	0.38	10.67	0.17	0.7
29	4/6/2015 12:50	0.59	39.33	0.15	2.4
30	4/9/2015 6:35	0.69	26.17	0.26	1.1
31	4/10/2015 22:50	0.09	2.33	0.08	0.6
32	4/13/2015 17:55	0.08	2.08	0.04	2.7
33	4/16/2015 11:30	0.25	14.67	0.19	2.6
34	4/19/2015 10:25	0.39	29.33	0.12	2.3
35	5/4/2015 16:40	0.06	0.50	0.06	14
36	5/5/2015 10:05	0.01	0.08	0.01	0.7
37	5/5/2015 22:45	0.77	2.25	0.48	0.5
38	5/9/2015 23:55	0.12	1.00	0.12	4.0
39	5/11/2015 14:45	0.36	9.00	0.27	1.6
40	5/15/2015 9:30	0.35	15.42	0.16	3.4
41	5/16/2015 15:40	0.09	0.25	0.09	0.6

FINAL A-10 April 21, 2016

		Cleveland	l Heights Ra	nin Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity (In/Hr)	Dry Period (Days)
42	5/17/2015 7:30	0.05	6.50	0.03	0.7
43	5/18/2015 16:30	0.08	0.17	0.08	1.1
44	5/22/2015 6:40	0.03	0.67	0.03	3.6
45	5/26/2015 19:30	0.83	27.33	0.32	4.5
46	5/30/2015 17:25	3.72	36.83	1.69	2.8
47	6/5/2015 6:35	0.02	0.17	0.02	4.0
48	6/9/2015 4:20	0.04	3.25	0.02	3.9
49	6/10/2015 7:30	0.05	1.50	0.04	1.0
50	6/10/2015 23:20	0.17	1.92	0.11	0.6
51	6/12/2015 14:45	1.86	17.00	0.84	1.6
52	6/14/2015 5:15	0.9	19.33	0.70	0.9
53	6/15/2015 12:45	1.87	22.58	1.15	0.5
54	6/18/2015 3:10	0.02	1.75	0.01	1.7
55	6/18/2015 21:15	0.07	0.75	0.07	0.7
56	6/20/2015 9:35	0.01	0.08	0.01	1.5
57	6/21/2015 16:25	0.01	0.08	0.01	1.3
58	6/22/2015 17:50	1.53	20.25	0.88	1.1
59	6/25/2015 14:15	0.07	1.17	0.06	2.0
60	6/27/2015 2:55	2.34	34.17	0.64	1.5
61	6/29/2015 22:20	0.02	0.25	0.02	1.4
62	6/30/2015 11:00	0.28	19.42	0.15	0.5
63	7/7/2015 14:50	0.84	19.92	0.60	6.4
64	7/9/2015 5:50	0.96	10.33	0.51	0.8
65	7/12/2015 17:35	0.45	10.25	0.18	3.1
66	7/14/2015 12:30	0.73	17.92	0.63	1.4
67	7/17/2015 8:55	0.02	0.17	0.02	2.1
68	7/29/2015 20:40	0.03	0.33	0.03	12.5
69	8/3/2015 1:35	0.74	23.67	0.48	4.2
70	8/10/2015 19:00	0.24	8.33	0.23	6.7
71	8/15/2015 0:30	0.06	2.5	0.04	3.9
72	8/18/2015 14:35	0.08	1.08	0.08	3.5
73	8/19/2015 18:05	0.02	0.58	0.02	1.1
74	8/20/2015 7:30	0.12	6.00	0.10	0.5
75	8/23/2015 23:55	0.03	0.17	0.03	3.4
76	8/25/2015 4:00	0.03	0.33	0.03	1.2
77	8/25/2015 23:40	0.22	32.58	0.07	0.8
78	8/29/2015 20:15	0.51	14.33	0.26	2.5
79	9/4/2015 0:45	0.13	3.83	0.12	4.6
80	9/11/2015 17:05	2.73	28.33	0.46	7.5
81	9/19/2015 3:30	0.51	12.25	0.26	6.3
82	9/29/2015 10:40	0.71	24.25	0.45	9.8

FINAL A-11 April 21, 2016

	C	leveland	Heights Ra	ain Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	10/3/2015 6:40	0.36	12.17	0.1	2.8
84	10/9/2015 7:45	0.05	1.33	0.04	5.5
85	10/13/2015 22:30	0.32	15.67	0.12	4.6
86	10/15/2015 19:00	0.28	4.83	0.12	1.2
87	10/16/2015 13:10	0.17	5.75	0.11	0.6
88	10/17/2015 18:30	0.01	0.08	0.01	1.0
89	10/24/2015 19:00	0.15	3.42	0.10	7.0
90	10/27/2015 22:40	1.12	15.5	0.29	3.0
91	10/29/2015 3:35	0.02	0.17	0.02	0.6
92	10/30/2015 3:55	0.03	1.33	0.02	1.0
93	10/31/2015 23:30	0.05	3.67	0.02	1.8
94	11/6/2015 3:05	0.21	4.00	0.13	5.0
95	11/10/2015 2:55	0.64	16.83	0.11	3.8
96	11/12/2015 2:45	0.09	11.83	0.04	1.3
97	11/13/2015 17:40	0.03	1.33	0.02	1.1
98	11/18/2015 17:45	0.1	8.08	0.08	5.0
99	11/21/2015 16:45	0.17	6.00	0.09	2.6
100	11/22/2015 15:00	0.01	0.08	0.01	0.7
101	11/27/2015 11:35	0.57	24.67	0.10	4.9
102	12/1/2015 15:55	0.09	2.42	0.04	3.2
103	12/2/2015 17:45	0.14	14.75	0.09	1.0
104	12/14/2015 11:25	0.04	10.42	0.02	11.1
105	12/20/2015 10:25	0.01	0.08	0.01	5.5
106	12/21/2015 9:00	0.05	7.33	0.03	0.9
107	12/22/2015 4:35	0.35	2.50	0.2	0.5
108	12/23/2015 12:30	0.21	11.00	0.14	1.2
109	12/25/2015 7:05	0.01	0.08	0.01	1.3
110	12/26/2015 17:55	1.44	20.33	0.39	1.5
111	12/28/2015 11:00	0.37	19.42	0.09	0.9

FINAL A-12 April 21, 2016

	Clevel	and Indu	strial Parkw	ay Rain Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity (In/Hr)	Dry Period (Days)
1	1/3/2015 11:15	1.65	32.58	0.32	2.5
2	1/6/2015 1:50	0.05	2.42	0.03	1.3
3	1/7/2015 5:40	0.01	0.08	0.01	1.1
4	1/8/2015 21:05	0.02	4.42	0.01	1.6
5	1/11/2015 20:05	0.34	16.67	0.05	2.8
6	1/18/2015 5:55	0.04	5.92	0.02	5.7
7	1/21/2015 6:15	0.20	7.58	0.06	2.8
8	1/22/2015 11:10	0.01	0.08	0.01	0.9
9	1/25/2015 3:45	0.02	1.75	0.01	2.7
10	1/25/2015 20:15	0.05	11.33	0.02	0.6
11	1/29/2015 10:45	0.15	9.00	0.05	3.1
12	2/1/2015 2:55	0.83	28.42	0.11	2.3
13	2/3/2015 23:25	0.07	3.58	0.04	1.7
14	2/4/2015 15:25	0.27	7.67	0.06	0.5
15	2/14/2015 3:10	0.12	9.83	0.05	9.2
16	2/18/2015 19:20	0.02	10.33	0.01	4.3
17	2/21/2015 6:10	0.27	10.75	0.06	2.0
18	2/22/2015 18:25	0.01	0.08	0.01	1.1
19	2/26/2015 11:20	0.02	1.75	0.01	3.7
20	3/1/2015 0:40	0.32	16.67	0.05	2.5
21	3/3/2015 9:05	0.11	7.08	0.04	1.7
22	3/10/2015 20:20	0.02	5.00	0.01	7.2
23	3/13/2015 17:00	0.54	14.92	0.11	2.7
24	3/25/2015 6:25	0.17	3.58	0.12	10.9
25	3/26/2015 5:30	0.61	6.75	0.19	0.8
26	3/27/2015 6:25	0.01	0.08	0.01	0.8
27	3/30/2015 1:10	0.01	0.08	0.01	2.8
28	3/31/2015 2:30	0.09	4.58	0.07	1.1
29	4/2/2015 11:30	0.37	11.50	0.21	2.2
30	4/3/2015 16:15	0.38	11.08	0.15	0.7
31	4/6/2015 12:35	0.04	2.17	0.03	2.4
32	4/7/2015 2:55	0.61	22.25	0.20	0.5
33	4/9/2015 6:15	0.97	27.00	0.32	1.2
34	4/10/2015 22:45	0.05	1.33	0.04	0.6
35	4/13/2015 17:45	0.08	2.08	0.05	2.7
36	4/16/2015 19:30	0.15	6.42	0.14	3.0
37	4/19/2015 19:50	0.14	1.33	0.13	2.8
38	4/20/2015 10:25	0.18	5.00	0.11	0.6
39	4/22/2015 0:25	0.05	1.50	0.04	1.4
40	4/23/2015 5:15	0.12	2.58	0.06	1.1
41	4/25/2015 3:50	0.02	1.00	0.02	1.8

FINAL A-13 April 21, 2016

	Clevel	and Indu	strial Parkw	vay Rain Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
42	4/27/2015 7:45	0.06	1.33	0.05	2.1
43	5/4/2015 16:20	0.05	0.50	0.05	7.3
44	5/5/2015 23:10	0.20	5.08	0.18	1.3
45	5/11/2015 18:20	1.13	5.00	1.06	5.6
46	5/13/2015 1:15	0.01	0.08	0.01	1.1
47	5/15/2015 8:55	0.21	15.50	0.08	2.3
48	5/17/2015 9:10	0.02	0.25	0.02	1.4
49	5/18/2015 16:15	0.03	0.17	0.03	1.3
50	5/26/2015 23:40	0.08	1.75	0.07	8.3
51	5/27/2015 18:20	0.61	4.25	0.36	0.7
52	5/30/2015 17:10	3.06	31.83	0.96	2.8
53	6/2/2015 8:10	0.01	0.08	0.01	1.3
54	6/9/2015 4:00	0.01	0.08	0.01	6.8
55	6/10/2015 7:05	0.36	4.67	0.23	1.1
56	6/11/2015 0:30	0.03	0.83	0.03	0.5
57	6/12/2015 14:30	1.26	16.67	0.46	1.6
58	6/14/2015 4:25	0.65	17.42	0.40	0.9
59	6/15/2015 14:15	1.31	18.58	0.50	0.7
60	6/18/2015 18:40	0.09	3.17	0.08	2.4
61	6/20/2015 5:15	0.04	4.42	0.02	1.3
62	6/22/2015 17:30	1.67	14.75	0.97	2.3
63	6/25/2015 13:20	0.05	6.33	0.02	2.2
64	6/27/2015 0:35	2.61	13.75	1.19	1.2
65	6/28/2015 2:55	0.18	6.67	0.08	0.5
66	6/29/2015 14:45	0.02	10.17	0.01	1.2
67	6/30/2015 15:55	0.21	5.92	0.15	0.6
68	7/7/2015 14:05	0.84	11.25	0.37	6.7
69	7/8/2015 15:35	0.01	0.08	0.01	0.6
70	7/9/2015 5:25	0.99	10.00	0.40	0.6
71	7/12/2015 17:35	0.19	11.50	0.09	3.1
72	7/14/2015 14:25	0.14	0.92	0.14	1.4
73	7/15/2015 9:00	0.01	0.08	0.01	0.7
74	7/17/2015 8:45	0.02	0.50	0.02	2.0
75	7/26/2015 2:55	0.01	0.08	0.01	8.7
76	7/29/2015 20:30	0.02	0.25	0.02	3.7
77	8/3/2015 1:35	0.29	4.42	0.14	4.2
78	8/10/2015 18:50	1.23	6.92	1.21	7.5
79	8/11/2015 21:25	0.01	0.08	0.01	0.8
80	8/14/2015 23:40	0.15	2.00	0.13	3.1
81	8/18/2015 13:30	0.52	1.25	0.46	3.5
82	8/19/2015 17:05	0.04	1.42	0.03	1.1

FINAL A-14 April 21, 2016

	Clevela	and Indu	strial Parkw	vay Rain Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	8/20/2015 7:00	0.10	0.58	0.10	0.5
84	8/23/2015 23:20	0.08	0.17	0.08	3.7
85	8/26/2015 1:35	0.11	17.25	0.03	2.1
86	8/30/2015 0:50	0.41	9.58	0.22	3.3
87	9/3/2015 22:50	0.76	13.75	0.33	4.5
88	9/9/2015 7:50	0.04	0.67	0.04	4.8
89	9/11/2015 16:45	1.65	26.00	0.56	2.3
90	9/19/2015 3:20	0.09	11.67	0.07	6.4
91	9/20/2015 9:25	0.01	0.08	0.01	0.8
92	9/29/2015 13:00	0.09	8.58	0.04	9.1
93	9/30/2015 12:50	0.01	0.08	0.01	0.6
94	10/3/2015 14:35	0.09	11.25	0.04	3.1
95	10/9/2015 8:05	0.07	5.08	0.06	5.3
96	10/14/2015 0:30	0.10	14.42	0.05	4.5
97	10/15/2015 19:40	0.23	4.33	0.13	1.2
98	10/16/2015 17:10	0.04	2.17	0.03	0.7
99	10/18/2015 9:40	0.04	0.42	0.04	1.6
100	10/24/2015 18:50	0.14	1.58	0.11	6.4
101	10/27/2015 22:05	0.98	15.67	0.25	3.1
102	10/29/2015 3:15	0.03	0.25	0.03	0.6
103	11/1/2015 0:15	0.02	1.17	0.01	2.9
104	11/6/2015 2:30	0.22	4.42	0.14	5.0
105	11/10/2015 2:00	0.61	17.42	0.09	3.8
106	11/12/2015 2:30	0.11	12.25	0.06	1.3
107	11/18/2015 17:55	0.09	8.25	0.05	6.1
108	11/21/2015 17:25	0.14	11.00	0.05	2.6
109	11/27/2015 11:15	0.77	26.00	0.11	5.3
110	12/1/2015 15:10	0.12	3.08	0.05	3.1
111	12/2/2015 17:20	0.07	0.67	0.07	1.0
112	12/3/2015 6:05	0.03	0.58	0.03	0.5
113	12/14/2015 11:15	0.07	10.42	0.03	11.2
114	12/15/2015 16:50	0.01	0.08	0.01	0.8
115	12/17/2015 1:55	0.01	0.08	0.01	1.4
116	12/21/2015 8:30	0.10	6.33	0.05	4.3
117	12/22/2015 2:55	0.31	5.75	0.19	0.5
118	12/23/2015 21:50	0.20	1.50	0.16	1.6
119	12/25/2015 5:45	0.02	11.50	0.01	1.3
120	12/26/2015 17:20	1.52	20.75	0.32	1.0
121	12/28/2015 12:20	0.43	16.58	0.12	0.9

FINAL A-15 April 21, 2016

		Dille A	ve PS Rain (Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity (In/Hr)	Dry Period (Days)
1	1/3/2015 11:30	1.48	39.08	0.20	2.5
2	1/6/2015 2:05	0.03	1.83	0.02	1.0
3	1/7/2015 5:40	0.01	0.08	0.01	1.1
4	1/9/2015 1:15	0.02	0.83	0.02	1.8
5	1/11/2015 20:20	0.32	16.75	0.06	2.8
6	1/18/2015 6:05	0.05	12.33	0.03	5.7
7	1/21/2015 7:40	0.18	9.42	0.07	2.6
8	1/25/2015 4:55	0.04	0.92	0.04	3.5
9	1/26/2015 8:35	0.01	0.08	0.01	1.1
10	1/29/2015 13:25	0.14	14.25	0.05	3.2
11	2/1/2015 4:00	0.76	21.67	0.11	2.0
12	2/3/2015 23:25	0.09	4.08	0.04	1.9
13	2/4/2015 15:30	0.27	12.33	0.07	0.5
14	2/14/2015 8:10	0.08	4.17	0.05	9.2
15	2/21/2015 6:30	0.35	10.50	0.09	6.8
16	2/22/2015 18:45	0.02	1.25	0.01	1.1
17	3/1/2015 1:00	0.26	16.25	0.04	6.2
18	3/3/2015 9:40	0.12	6.67	0.04	1.7
19	3/10/2015 20:25	0.01	0.08	0.01	7.2
20	3/13/2015 17:20	0.53	14.67	0.09	2.9
21	3/25/2015 6:40	0.14	3.42	0.10	10.9
22	3/26/2015 5:40	0.64	8.75	0.18	0.8
23	3/30/2015 1:40	0.01	0.08	0.01	3.5
24	3/31/2015 2:55	0.09	4.75	0.08	1.1
25	4/2/2015 13:40	0.26	9.08	0.17	2.3
26	4/3/2015 16:30	0.35	10.92	0.16	0.7
27	4/6/2015 12:50	0.02	0.25	0.02	2.4
28	4/7/2015 3:10	0.64	25.17	0.18	0.6
29	4/9/2015 6:35	0.86	26.17	0.4	1.1
30	4/10/2015 22:45	0.1	2.25	0.09	0.6
31	4/13/2015 17:55	0.05	1.92	0.03	2.7
32	4/16/2015 19:30	0.11	6.5	0.1	3
33	4/19/2015 10:15	0.23	11.33	0.12	2.3
34	4/20/2015 12:35	0.11	3.08	0.06	0.6
35	4/22/2015 0:30	0.03	1.5	0.02	1.4
36	4/22/2015 23:55	0.12	3.17	0.06	0.9
37	4/27/2015 8:00	0.04	7.42	0.03	4.2
38	5/4/2015 16:30	0.04	0.42	0.04	7
39	5/5/2015 9:40	0.03	0.33	0.03	0.7
40	5/5/2015 23:05	0.46	1.75	0.27	0.5
41	5/9/2015 23:50	0.01	0.08	0.01	4

FINAL A-16 April 21, 2016

		Dille A	ve PS Rain (Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity (In/Hr)	Dry Period (Days)
42	5/11/2015 18:25	0.79	5.17	0.72	1.8
43	5/15/2015 9:20	0.26	15.33	0.09	3.4
44	5/16/2015 15:15	0.01	0.08	0.01	0.6
45	5/17/2015 7:05	0.02	2.83	0.01	0.7
46	5/18/2015 16:20	0.07	0.58	0.07	1.3
47	5/26/2015 23:35	0.1	2.42	0.09	8.3
48	5/27/2015 18:30	0.58	4.5	0.35	0.7
49	5/30/2015 17:20	2.91	32	1.11	2.8
50	6/5/2015 6:00	0.04	0.33	0.04	4.2
51	6/9/2015 4:10	0.02	0.67	0.02	3.9
52	6/10/2015 7:20	0.43	21.92	0.22	1.1
53	6/12/2015 14:40	1.71	17.33	0.7	1.4
54	6/14/2015 4:45	0.9	16.33	0.49	0.9
55	6/15/2015 12:55	1.64	19.75	1	0.7
56	6/18/2015 3:25	0.01	0.08	0.01	1.8
57	6/18/2015 18:45	0.04	3.08	0.03	0.6
58	6/20/2015 9:50	0.01	0.08	0.01	1.5
59	6/22/2015 17:40	1.45	12.92	0.71	2.3
60	6/25/2015 13:50	0.08	1.58	0.06	2.3
61	6/27/2015 2:40	1.81	30.67	0.47	1.5
62	6/30/2015 0:00	0.02	0.17	0.02	1.6
63	6/30/2015 16:05	0.4	14.33	0.17	0.7
64	7/7/2015 14:20	0.46	11.42	0.22	6.3
65	7/9/2015 5:35	1.06	22.58	0.41	1.2
66	7/12/2015 17:35	1.03	11	0.42	2.6
67	7/14/2015 14:45	0.08	0.67	0.08	1.4
68	7/15/2015 7:05	0.03	0.83	0.03	0.7
69	7/17/2015 8:55	0.01	0.08	0.01	2
70	7/29/2015 20:55	0.01	0.08	0.01	12.5
71	8/3/2015 1:30	0.3	5	0.16	4.2
72	8/3/2015 20:30	0.02	0.08	0.02	0.6
73	8/10/2015 18:45	0.23	4	0.19	6.9
74	8/15/2015 1:20	0.02	1.5	0.01	4.1
75	8/18/2015 14:00	0.22	1.67	0.18	3.5
76	8/20/2015 7:15	0.09	0.17	0.09	1.7
77	8/23/2015 23:35	0.02	1.17	0.01	3.7
78	8/25/2015 23:45	0.21	32.42	0.08	2
79	8/30/2015 1:15	0.35	8.83	0.26	2.7
80	9/4/2015 0:00	0.32	8.42	0.17	4.6
81	9/11/2015 16:55	2.59	28.75	0.47	7.4
82	9/19/2015 3:30	0.25	12.08	0.14	6.2

FINAL A-17 April 21, 2016

		Dille A	ve PS Rain	Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	9/29/2015 13:00	1.08	21.92	0.66	9.9
84	10/3/2015 6:50	0.32	12.17	0.08	2.8
85	10/9/2015 7:50	0.04	1.25	0.03	5.5
86	10/13/2015 22:35	0.14	15.67	0.05	4.6
87	10/15/2015 19:00	0.24	5	0.12	1.2
88	10/16/2015 13:00	0.08	8.17	0.05	0.5
89	10/18/2015 9:15	0.01	0.08	0.01	1.5
90	10/24/2015 19:05	0.19	3.25	0.15	6.4
91	10/27/2015 23:15	1.09	14.83	0.23	3
92	10/29/2015 3:25	0.02	0.17	0.02	0.6
93	10/30/2015 4:35	0.01	0.08	0.01	1
94	10/31/2015 23:30	0.04	3.67	0.02	1.8
95	11/6/2015 2:55	0.24	4.08	0.16	5
96	11/10/2015 2:20	0.69	18.33	0.16	3.8
97	11/12/2015 3:05	0.08	11.17	0.05	1.3
98	11/13/2015 18:00	0.02	1.17	0.01	1.2
99	11/18/2015 17:40	0.07	8.33	0.05	4.9
100	11/21/2015 17:45	0.22	16.33	0.07	2.7
101	11/27/2015 11:35	0.74	24.92	0.11	5.1
102	12/1/2015 15:40	0.08	2.75	0.06	3.1
103	12/2/2015 17:40	0.06	0.33	0.06	1
104	12/3/2015 6:05	0.02	0.92	0.02	0.5
105	12/14/2015 11:25	0.05	10.42	0.02	11.2
106	12/19/2015 8:20	0.01	0.08	0.01	4.4
107	12/21/2015 8:50	0.07	4.75	0.05	2
108	12/22/2015 3:05	0.42	6.75	0.24	0.6
109	12/23/2015 6:20	0.01	0.08	0.01	0.9
110	12/23/2015 21:50	0.28	1.58	0.23	0.6
111	12/25/2015 5:55	0.02	0.92	0.02	1.3
112	12/26/2015 17:20	1.69	20.5	0.37	1.4
113	12/28/2015 11:10	0.37	18.83	0.11	0.9

FINAL A-18 April 21, 2016

		Division	Ave PS Rai	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:20	1.76	39.17	0.30	2.5
2	1/6/2015 1:55	0.05	3.42	0.03	1.0
3	1/7/2015 5:25	0.01	0.08	0.01	1.0
4	1/8/2015 21:35	0.03	5.33	0.01	1.7
5	1/11/2015 20:20	0.33	16.58	0.06	2.7
6	1/18/2015 5:55	0.06	6.50	0.03	5.7
7	1/21/2015 6:45	0.23	9.33	0.08	2.8
8	1/24/2015 17:40	0.06	11.83	0.05	3.1
9	1/25/2015 23:25	0.01	0.08	0.01	0.8
10	1/29/2015 12:00	0.24	15.25	0.09	3.5
11	2/1/2015 3:30	0.91	29.42	0.11	2.0
12	2/3/2015 23:50	0.05	3.25	0.03	1.6
13	2/4/2015 15:25	0.21	5.92	0.06	0.5
14	2/11/2015 21:10	0.01	0.08	0.01	7.0
15	2/14/2015 7:45	0.08	4.75	0.04	2.4
16	2/21/2015 6:15	0.33	10.00	0.08	6.7
17	2/22/2015 18:20	0.02	1.25	0.01	1.1
18	3/1/2015 0:55	0.28	16.17	0.04	6.2
19	3/3/2015 9:15	0.13	6.92	0.05	1.7
20	3/10/2015 19:45	0.02	0.50	0.02	7.2
21	3/13/2015 17:00	0.55	15.00	0.10	2.9
22	3/25/2015 6:35	0.14	3.42	0.11	10.9
23	3/26/2015 5:35	0.54	8.58	0.18	0.8
24	3/30/2015 1:20	0.01	0.08	0.01	3.5
25	3/31/2015 2:55	0.08	4.17	0.07	1.1
26	4/2/2015 11:40	0.37	11.00	0.24	2.2
27	4/3/2015 16:25	0.32	10.17	0.14	0.7
28	4/6/2015 11:05	0.05	2.00	0.04	2.4
29	4/7/2015 2:45	0.61	28.83	0.18	0.6
30	4/9/2015 6:35	0.69	26.17	0.29	1.0
31	4/10/2015 22:45	0.08	1.42	0.07	0.6
32	4/13/2015 17:25	0.10	2.67	0.07	2.7
33	4/16/2015 12:00	0.11	13.92	0.06	2.7
34	4/19/2015 10:55	0.31	28.58	0.12	2.4
35	4/22/2015 0:25	0.03	3.08	0.01	1.4
36	4/22/2015 23:55	0.11	2.75	0.06	0.9
37	4/25/2015 4:15	0.01	0.08	0.01	2.1
38	4/27/2015 8:05	0.02	1.25	0.01	2.2
39	5/4/2015 16:30	0.02	0.58	0.02	7.3
40	5/5/2015 12:50	0.76	12.25	0.50	0.8
41	5/11/2015 18:20	1.16	5.17	1.08	5.7

FINAL A-19 April 21, 2016

		Division	Ave PS Rai	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
42	F /4 F /204 F 0.0F	0.24	13.08	(In/Hr)	(Days)
42	5/15/2015 9:05	0.24		0.12	3.4
43	5/17/2015 9:50	0.04	11.17	0.02	1.5
44	5/21/2015 2:20	0.01	0.08	0.01	3.2
45 46	5/22/2015 7:05 5/26/2015 23:50	0.01	0.08 3.08	0.01	1.2 4.7
47	5/27/2015 18:20	0.08	4.83	0.24	0.6
47	5/30/2015 17:05	2.25	32.42	0.59	2.8
49	6/5/2015 5:50	0.01	0.08	0.01	4.2
50	6/8/2015 14:20	0.01	0.08	0.01	3.4
51	6/9/2015 4:00	0.02	1.83	0.02	0.6
52	6/10/2015 7:15	0.04	26.67	0.10	1.1
53	6/12/2015 14:40	0.23	20.07	0.05	1.2
54	6/14/2015 3:25	1.80	51.67	1.04	0.7
55	6/18/2015 18:45	0.05	3.17	0.04	2.5
56	6/22/2015 17:40	1.81	12.83	0.79	3.8
57	6/25/2015 17:40	0.08	1.58	0.05	2.3
58	6/27/2015 0:50	2.74	13.08	0.98	1.4
59	6/28/2015 3:30	0.04	5.00	0.03	0.6
60	6/29/2015 14:55	0.01	0.08	0.01	1.3
61	6/30/2015 14:35	0.34	14.08	0.13	1.1
62	7/7/2015 14:40	0.41	10.75	0.31	6.4
63	7/9/2015 5:25	1.19	26.17	0.50	1.2
64	7/12/2015 17:20	1.36	21.75	0.65	2.4
65	7/14/2015 14:45	0.05	0.58	0.05	1.0
66	7/15/2015 7:25	0.03	1.08	0.03	0.7
67	7/17/2015 8:50	0.02	0.25	0.02	2.0
68	7/19/2015 16:45	0.01	0.08	0.01	2.3
69	7/21/2015 9:55	0.02	3.50	0.01	1.7
70	7/29/2015 21:25	0.01	0.08	0.01	8.3
71	8/3/2015 1:25	0.43	4.67	0.21	4.2
72	8/3/2015 20:20	0.18	0.42	0.18	0.6
73	8/10/2015 18:45	0.31	6.58	0.26	6.9
74	8/14/2015 23:30	0.08	3.08	0.05	3.9
75	8/18/2015 12:35	0.30	2.67	0.18	3.4
76	8/19/2015 17:25	0.03	1.25	0.02	1.1
77	8/20/2015 7:15	0.07	0.50	0.07	0.5
78	8/23/2015 23:35	0.02	1.75	0.01	3.7
79	8/25/2015 3:55	0.03	0.33	0.03	1.1
80	8/25/2015 23:30	0.13	1.50	0.12	0.8
81	8/26/2015 15:20	0.09	15.50	0.05	0.6
82	8/29/2015 20:00	0.53	20.08	0.25	2.6

FINAL A-20 April 21, 2016

Time (In) (Hrs) Intensity (In/Hr) Dry Period (Days) 83 9/3/2015 23:35 0.86 8.92 0.56 4.3 84 9/11/2015 16:55 2.44 28.58 0.50 7.4 85 9/19/2015 3:00 0.16 12.50 0.12 6.2 86 9/29/2015 13:25 0.22 10.58 0.07 9.9 87 10/3/2015 6:20 0.45 14.83 0.08 3.3 88 10/9/2015 7:45 0.04 1.17 0.03 5.4 89 10/13/2015 22:30 0.20 15.08 0.07 4.6 90 10/15/2015 18:35 0.25 5.00 0.12 1.2 91 10/16/2015 12:50 0.12 17.17 0.06 0.6 92 10/18/2015 9:35 0.01 0.08 0.01 1.2 93 10/24/2015 18:50 0.17 4.25 0.14 6.4 94 10/27/2015 22:40 1.15 15.25 0.25			Division	Ave PS Rai	n Gauge	
(In/Hr)	Event	-	-			Antecedent
83 9/3/2015 23:35 0.86 8.92 0.56 4.3 84 9/11/2015 16:55 2.44 28.58 0.50 7.4 85 9/19/2015 3:00 0.16 12.50 0.12 6.2 86 9/29/2015 13:25 0.22 10.58 0.07 9.9 87 10/3/2015 6:20 0.45 14.83 0.08 3.3 88 10/9/2015 7:45 0.04 1.17 0.03 5.4 89 10/13/2015 22:30 0.20 15.08 0.07 4.6 90 10/15/2015 18:35 0.25 5.00 0.12 1.2 91 10/16/2015 12:50 0.12 17.17 0.06 0.6 92 10/18/2015 9:35 0.01 0.08 0.01 1.2 93 10/24/2015 18:50 0.17 4.25 0.14 6.4 94 10/27/2015 2:240 1.15 15.25 0.25 3.0 95 10/29/2015 3:20 0.02 0.83 0.02		Time	(In)	(Hrs)	•	Dry Period
84 9/11/2015 16:55 2.44 28.58 0.50 7.4 85 9/19/2015 3:00 0.16 12.50 0.12 6.2 86 9/29/2015 13:25 0.22 10.58 0.07 9.9 87 10/3/2015 6:20 0.45 14.83 0.08 3.3 88 10/9/2015 7:45 0.04 1.17 0.03 5.4 89 10/13/2015 22:30 0.20 15.08 0.07 4.6 90 10/15/2015 18:35 0.25 5.00 0.12 1.2 91 10/16/2015 12:50 0.12 17.17 0.06 0.6 92 10/18/2015 9:35 0.01 0.08 0.01 1.2 93 10/24/2015 18:50 0.17 4.25 0.14 6.4 94 10/27/2015 22:40 1.15 15.25 0.25 3.0 95 10/29/2015 3:20 0.02 0.83 0.02 0.6 96 10/30/2015 4:15 0.02 1.17 0.01		. / . /				
85 9/19/2015 3:00 0.16 12.50 0.12 6.2 86 9/29/2015 13:25 0.22 10.58 0.07 9.9 87 10/3/2015 6:20 0.45 14.83 0.08 3.3 88 10/9/2015 7:45 0.04 1.17 0.03 5.4 89 10/13/2015 22:30 0.20 15.08 0.07 4.6 90 10/15/2015 18:35 0.25 5.00 0.12 1.2 91 10/16/2015 12:50 0.12 17.17 0.06 0.6 92 10/18/2015 9:35 0.01 0.08 0.01 1.2 93 10/24/2015 18:50 0.17 4.25 0.14 6.4 94 10/27/2015 22:40 1.15 15.25 0.25 3.0 95 10/29/2015 3:20 0.02 0.83 0.02 0.6 96 10/30/2015 4:15 0.02 1.17 0.01 1.0 97 11/1/2015 0:10 0.03 1.00 0.03						
86 9/29/2015 13:25 0.22 10.58 0.07 9.9 87 10/3/2015 6:20 0.45 14.83 0.08 3.3 88 10/9/2015 7:45 0.04 1.17 0.03 5.4 89 10/13/2015 22:30 0.20 15.08 0.07 4.6 90 10/15/2015 18:35 0.25 5.00 0.12 1.2 91 10/16/2015 12:50 0.12 17.17 0.06 0.6 92 10/18/2015 9:35 0.01 0.08 0.01 1.2 93 10/24/2015 18:50 0.17 4.25 0.14 6.4 94 10/27/2015 22:40 1.15 15.25 0.25 3.0 95 10/29/2015 3:20 0.02 0.83 0.02 0.6 96 10/30/2015 4:15 0.02 1.17 0.01 1.0 97 11/1/2015 0:10 0.03 1.00 0.03 1.8 98 11/6/2015 2:25 0.24 4.67 0.14						
87 10/3/2015 6:20 0.45 14.83 0.08 3.3 88 10/9/2015 7:45 0.04 1.17 0.03 5.4 89 10/13/2015 22:30 0.20 15.08 0.07 4.6 90 10/15/2015 18:35 0.25 5.00 0.12 1.2 91 10/16/2015 12:50 0.12 17.17 0.06 0.6 92 10/18/2015 9:35 0.01 0.08 0.01 1.2 93 10/24/2015 18:50 0.17 4.25 0.14 6.4 94 10/27/2015 22:40 1.15 15.25 0.25 3.0 95 10/29/2015 3:20 0.02 0.83 0.02 0.6 96 10/30/2015 4:15 0.02 1.17 0.01 1.0 97 11/1/2015 0:10 0.03 1.00 0.03 1.8 98 11/6/2015 2:25 0.24 4.67 0.14 5.1 99 11/10/2015 2:25 0.11 12.42 0.05						
88 10/9/2015 7:45 0.04 1.17 0.03 5.4 89 10/13/2015 22:30 0.20 15.08 0.07 4.6 90 10/15/2015 18:35 0.25 5.00 0.12 1.2 91 10/16/2015 12:50 0.12 17.17 0.06 0.6 92 10/18/2015 9:35 0.01 0.08 0.01 1.2 93 10/24/2015 18:50 0.17 4.25 0.14 6.4 94 10/27/2015 22:40 1.15 15.25 0.25 3.0 95 10/29/2015 3:20 0.02 0.83 0.02 0.6 96 10/30/2015 4:15 0.02 1.17 0.01 1.0 97 11/1/2015 0:10 0.03 1.00 0.03 1.8 98 11/6/2015 2:25 0.24 4.67 0.14 5.1 99 11/10/2015 2:20 0.65 17.17 0.13 3.8 100 11/12/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04<						
89 10/13/2015 22:30 0.20 15.08 0.07 4.6 90 10/15/2015 18:35 0.25 5.00 0.12 1.2 91 10/16/2015 12:50 0.12 17.17 0.06 0.6 92 10/18/2015 9:35 0.01 0.08 0.01 1.2 93 10/24/2015 18:50 0.17 4.25 0.14 6.4 94 10/27/2015 22:40 1.15 15.25 0.25 3.0 95 10/29/2015 3:20 0.02 0.83 0.02 0.6 96 10/30/2015 4:15 0.02 1.17 0.01 1.0 97 11/12/2015 0:10 0.03 1.00 0.03 1.8 98 11/6/2015 2:25 0.24 4.67 0.14 5.1 99 11/10/2015 2:20 0.65 17.17 0.13 3.8 100 11/12/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/21/2015 15:15 0.11 3.08 0						
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92 10/18/2015 9:35 0.01 0.08 0.01 1.2 93 10/24/2015 18:50 0.17 4.25 0.14 6.4 94 10/27/2015 22:40 1.15 15.25 0.25 3.0 95 10/29/2015 3:20 0.02 0.83 0.02 0.6 96 10/30/2015 4:15 0.02 1.17 0.01 1.0 97 11/12/2015 0:10 0.03 1.00 0.03 1.8 98 11/6/2015 2:25 0.24 4.67 0.14 5.1 99 11/10/2015 2:20 0.65 17.17 0.13 3.8 100 11/12/2015 2:25 0.11 12.42 0.05 1.3 101 11/13/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/27/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 15:15 0.11 3.08 0.06 3.1 105 12/1/2015 17:30 0.09 13.33 <td< th=""><th>90</th><th>10/15/2015 18:35</th><th>0.25</th><th>5.00</th><th>0.12</th><th>1.2</th></td<>	90	10/15/2015 18:35	0.25	5.00	0.12	1.2
93 10/24/2015 18:50 0.17 4.25 0.14 6.4 94 10/27/2015 22:40 1.15 15.25 0.25 3.0 95 10/29/2015 3:20 0.02 0.83 0.02 0.6 96 10/30/2015 4:15 0.02 1.17 0.01 1.0 97 11/1/2015 0:10 0.03 1.00 0.03 1.8 98 11/6/2015 2:25 0.24 4.67 0.14 5.1 99 11/10/2015 2:20 0.65 17.17 0.13 3.8 100 11/12/2015 2:25 0.11 12.42 0.05 1.3 101 11/13/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/21/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/14/2015 15:15 0.11 3.08 0.	91	10/16/2015 12:50	0.12	17.17	0.06	0.6
94 10/27/2015 22:40 1.15 15.25 0.25 3.0 95 10/29/2015 3:20 0.02 0.83 0.02 0.6 96 10/30/2015 4:15 0.02 1.17 0.01 1.0 97 11/1/2015 0:10 0.03 1.00 0.03 1.8 98 11/6/2015 2:25 0.24 4.67 0.14 5.1 99 11/10/2015 2:20 0.65 17.17 0.13 3.8 100 11/12/2015 2:25 0.11 12.42 0.05 1.3 101 11/13/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/21/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/1/2015 15:15 0.11 3.08 0.06 3.1 106 12/2/2015 17:30 0.09 13.33 0.	92	10/18/2015 9:35	0.01	0.08	0.01	1.2
95 10/29/2015 3:20 0.02 0.83 0.02 0.6 96 10/30/2015 4:15 0.02 1.17 0.01 1.0 97 11/1/2015 0:10 0.03 1.00 0.03 1.8 98 11/6/2015 2:25 0.24 4.67 0.14 5.1 99 11/10/2015 2:20 0.65 17.17 0.13 3.8 100 11/12/2015 2:25 0.11 12.42 0.05 1.3 101 11/13/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/21/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/12/2015 17:30 0.09 13.33 0.06 3.1 106 12/22/2015 17:30 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 <t< th=""><th>93</th><th>10/24/2015 18:50</th><th>0.17</th><th>4.25</th><th>0.14</th><th>6.4</th></t<>	93	10/24/2015 18:50	0.17	4.25	0.14	6.4
96 10/30/2015 4:15 0.02 1.17 0.01 1.0 97 11/1/2015 0:10 0.03 1.00 0.03 1.8 98 11/6/2015 2:25 0.24 4.67 0.14 5.1 99 11/10/2015 2:20 0.65 17.17 0.13 3.8 100 11/12/2015 2:25 0.11 12.42 0.05 1.3 101 11/13/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/21/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/1/2015 15:15 0.11 3.08 0.06 3.1 106 12/2/2015 17:30 0.09 13.33 0.06 1.0 107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:00 0.01 0.08	94	10/27/2015 22:40	1.15	15.25	0.25	3.0
97 11/1/2015 0:10 0.03 1.00 0.03 1.8 98 11/6/2015 2:25 0.24 4.67 0.14 5.1 99 11/10/2015 2:20 0.65 17.17 0.13 3.8 100 11/12/2015 2:25 0.11 12.42 0.05 1.3 101 11/13/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/21/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/1/2015 15:15 0.11 3.08 0.06 3.1 106 12/2/2015 17:30 0.09 13.33 0.06 1.0 107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:30 0.43 22.50	95	10/29/2015 3:20	0.02	0.83	0.02	0.6
98 11/6/2015 2:25 0.24 4.67 0.14 5.1 99 11/10/2015 2:20 0.65 17.17 0.13 3.8 100 11/12/2015 2:25 0.11 12.42 0.05 1.3 101 11/13/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/21/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/1/2015 15:15 0.11 3.08 0.06 3.1 106 12/2/2015 17:30 0.09 13.33 0.06 1.0 107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	96	10/30/2015 4:15	0.02	1.17	0.01	1.0
99 11/10/2015 2:20 0.65 17.17 0.13 3.8 100 11/12/2015 2:25 0.11 12.42 0.05 1.3 101 11/13/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/21/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/1/2015 15:15 0.11 3.08 0.06 3.1 106 12/2/2015 17:30 0.09 13.33 0.06 1.0 107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:00 0.01 0.08 0.01 3.7 110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	97	11/1/2015 0:10	0.03	1.00	0.03	1.8
100 11/12/2015 2:25 0.11 12.42 0.05 1.3 101 11/13/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/21/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/1/2015 15:15 0.11 3.08 0.06 3.1 106 12/2/2015 17:30 0.09 13.33 0.06 1.0 107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:00 0.01 0.08 0.01 3.7 110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	98	11/6/2015 2:25	0.24	4.67	0.14	5.1
101 11/13/2015 18:05 0.02 0.92 0.02 1.1 102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/21/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/1/2015 15:15 0.11 3.08 0.06 3.1 106 12/2/2015 17:30 0.09 13.33 0.06 1.0 107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:00 0.01 0.08 0.01 3.7 110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	99	11/10/2015 2:20	0.65	17.17	0.13	3.8
102 11/18/2015 18:05 0.07 7.83 0.04 5.0 103 11/21/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/1/2015 15:15 0.11 3.08 0.06 3.1 106 12/2/2015 17:30 0.09 13.33 0.06 1.0 107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:00 0.01 0.08 0.01 3.7 110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	100	11/12/2015 2:25	0.11	12.42	0.05	1.3
103 11/21/2015 16:30 0.31 22.00 0.06 2.6 104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/1/2015 15:15 0.11 3.08 0.06 3.1 106 12/2/2015 17:30 0.09 13.33 0.06 1.0 107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:00 0.01 0.08 0.01 3.7 110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	101	11/13/2015 18:05	0.02	0.92	0.02	1.1
104 11/27/2015 11:25 0.67 24.75 0.10 4.9 105 12/1/2015 15:15 0.11 3.08 0.06 3.1 106 12/2/2015 17:30 0.09 13.33 0.06 1.0 107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:00 0.01 0.08 0.01 3.7 110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	102	11/18/2015 18:05	0.07	7.83	0.04	5.0
105 12/1/2015 15:15 0.11 3.08 0.06 3.1 106 12/2/2015 17:30 0.09 13.33 0.06 1.0 107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:00 0.01 0.08 0.01 3.7 110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	103	11/21/2015 16:30	0.31	22.00	0.06	2.6
106 12/2/2015 17:30 0.09 13.33 0.06 1.0 107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:00 0.01 0.08 0.01 3.7 110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	104	11/27/2015 11:25	0.67	24.75	0.10	4.9
107 12/14/2015 11:20 0.08 10.17 0.02 11.2 108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:00 0.01 0.08 0.01 3.7 110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	105	12/1/2015 15:15	0.11	3.08	0.06	3.1
108 12/15/2015 16:20 0.01 0.08 0.01 0.8 109 12/19/2015 8:00 0.01 0.08 0.01 3.7 110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	106	12/2/2015 17:30	0.09	13.33	0.06	1.0
109 12/19/2015 8:00 0.01 0.08 0.01 3.7 110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	107	12/14/2015 11:20	0.08	10.17	0.02	11.2
110 12/21/2015 8:30 0.43 22.50 0.20 2.0 111 12/23/2015 21:50 0.20 1.58 0.16 1.6	108	12/15/2015 16:20	0.01	0.08	0.01	0.8
111 12/23/2015 21:50 0.20 1.58 0.16 1.6	109	12/19/2015 8:00	0.01	0.08	0.01	3.7
	110	12/21/2015 8:30	0.43	22.50	0.20	2.0
113 12/25/2015 6:25 0.02 5.92 0.04 4.2	111	12/23/2015 21:50	0.20	1.58	0.16	1.6
112 12/25/2015 0:25 0:02 5:83 0:01 1:3	112	12/25/2015 6:25	0.02	5.83	0.01	1.3
113 12/26/2015 17:15 1.54 20.25 0.32 1.2	113	12/26/2015 17:15	1.54	20.25	0.32	1.2
114 12/28/2015 11:00 0.47 19.17 0.13 0.9	114	12/28/2015 11:00	0.47	19.17	0.13	0.9

FINAL A-21 April 21, 2016

		Easterly	WWTP Raii	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:35	1.79	31.75	0.33	2.5
2	1/6/2015 2:35	0.02	2.92	0.01	1.3
3	1/11/2015 20:25	0.25	15.58	0.05	5.6
4	1/18/2015 6:15	0.05	6.08	0.03	5.8
5	1/21/2015 8:15	0.13	8.83	0.06	2.8
6	1/25/2015 5:10	0.03	0.92	0.03	3.5
7	1/29/2015 13:05	0.17	6.00	0.07	4.3
8	2/1/2015 4:20	0.70	20.92	0.10	2.4
9	2/4/2015 1:15	0.03	1.67	0.02	2.0
10	2/4/2015 14:55	0.12	7.25	0.04	0.5
11	2/8/2015 23:10	0.01	0.08	0.01	4.0
12	2/14/2015 9:00	0.02	2.00	0.01	5.4
13	2/21/2015 6:25	0.24	9.42	0.05	6.8
14	3/1/2015 1:25	0.25	16.67	0.03	7.4
15	3/3/2015 9:35	0.11	6.58	0.05	1.6
16	3/10/2015 20:00	0.01	0.08	0.01	7.2
17	3/13/2015 17:45	0.35	14.08	0.08	2.9
18	3/16/2015 16:05	0.01	0.08	0.01	2.3
19	3/25/2015 7:00	0.12	4.17	0.09	8.6
20	3/26/2015 5:55	0.51	8.17	0.15	0.8
21	3/31/2015 3:10	0.09	6.75	0.07	4.5
22	4/2/2015 13:40	0.32	8.92	0.19	2.2
23	4/3/2015 16:45	0.24	9.67	0.07	0.8
24	4/6/2015 12:55	0.46	37.25	0.09	2.4
25	4/9/2015 6:45	0.90	25.83	0.41	1.2
26	4/10/2015 22:40	0.09	7.42	0.05	0.6
27	4/13/2015 17:30	0.10	1.92	0.08	2.5
28	4/16/2015 19:40	0.36	5.83	0.24	3.0
29	4/19/2015 10:30	0.25	10.67	0.15	2.4
30	4/20/2015 10:50	0.19	4.92	0.12	0.6
31	4/22/2015 1:35	0.02	6.00	0.01	1.4
32	4/27/2015 7:55	0.02	1.58	0.01	5.0
33	5/4/2015 16:35	0.04	0.75	0.04	7.3
34	5/5/2015 9:25	0.11	0.83	0.11	0.7
35	5/5/2015 22:50	0.34	2.17	0.24	0.5
36	5/11/2015 18:25	0.88	5.25	0.74	5.7
37	5/15/2015 9:25	0.31	12.67	0.20	3.4
38	5/17/2015 7:15	0.24	10.58	0.11	1.4
39	5/18/2015 15:15	0.03	0.17	0.03	0.9
40	5/19/2015 14:10	0.01	0.08	0.01	1.0
41	5/22/2015 6:50	0.01	0.08	0.01	2.7

FINAL A-22 April 21, 2016

		Easterly	WWTP Rai	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
42	5/26/2015 19:35	0.20	6.92	0.11	4.5
43	5/27/2015 18:20	0.48	4.67	0.20	0.7
44	5/30/2015 17:15	2.73	27.67	0.83	2.8
45	6/6/2015 2:30	0.01	0.08	0.01	5.2
46	6/8/2015 14:10	0.10	0.75	0.10	2.5
47	6/9/2015 4:10	0.05	1.58	0.04	0.6
48	6/10/2015 7:15	0.47	18.50	0.26	1.1
49	6/12/2015 14:05	1.18	17.83	0.36	1.5
50	6/13/2015 21:05	0.67	23.50	0.49	0.6
51	6/15/2015 19:00	0.97	13.67	0.65	0.9
52	6/18/2015 21:30	0.03	0.58	0.03	2.5
53	6/21/2015 15:15	0.12	0.17	0.12	2.7
54	6/22/2015 17:00	1.80	13.17	0.75	1.1
55	6/25/2015 14:15	0.04	3.50	0.03	2.3
56	6/27/2015 3:45	2.28	11.58	0.70	1.4
57	6/28/2015 4:40	0.13	8.08	0.07	0.6
58	6/30/2015 2:00	0.01	0.08	0.01	1.6
59	6/30/2015 16:35	0.09	1.25	0.08	0.6
60	7/7/2015 16:00	0.21	9.42	0.17	6.9
61	7/9/2015 5:40	1.33	10.17	0.54	1.2
62	7/12/2015 15:15	0.39	11.67	0.28	3.0
63	7/15/2015 7:30	0.01	0.08	0.01	2.2
64	7/17/2015 8:55	0.02	3.67	0.01	2.1
65	7/26/2015 1:10	0.01	0.08	0.01	8.5
66	7/29/2015 20:20	0.05	0.67	0.05	3.8
67	8/3/2015 1:20	0.38	5.17	0.21	4.2
68	8/3/2015 20:15	0.30	0.42	0.30	0.6
69	8/10/2015 15:40	0.16	4.50	0.08	6.8
70	8/14/2015 23:05	0.24	3.33	0.20	4.1
71	8/18/2015 14:30	0.04	1.33	0.03	3.5
72	8/20/2015 7:25	0.09	0.50	0.09	1.7
73	8/23/2015 23:50	0.02	1.08	0.02	3.7
74	8/25/2015 3:40	0.38	22.67	0.16	1.1
75	8/26/2015 20:35	0.17	2.25	0.16	0.8
76	8/29/2015 18:55	1.04	21.58	0.41	2.8
77	9/4/2015 0:20	0.10	1.75	0.08	4.3
78	9/11/2015 17:30	2.13	26.33	0.61	7.6
79	9/19/2015 3:15	0.54	12.33	0.50	6.3
80	9/29/2015 13:20	0.26	10.67	0.13	9.9
81	10/3/2015 8:00	0.45	22.33	0.09	3.3
82	10/9/2015 6:15	0.06	1.75	0.05	5.0

FINAL A-23 April 21, 2016

		Easterly	WWTP Rai	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	10/13/2015 18:30	0.23	19.08	0.08	4.4
84	10/15/2015 19:45	0.25	3.00	0.17	1.3
85	10/16/2015 17:30	0.01	0.08	0.01	0.8
86	10/17/2015 15:00	0.02	11.75	0.01	0.9
87	10/24/2015 18:45	0.15	1.75	0.12	6.7
88	10/27/2015 23:40	0.99	22.00	0.23	3.1
89	10/30/2015 3:40	0.05	0.92	0.05	1.3
90	11/1/2015 0:20	0.05	1.58	0.04	1.8
91	11/6/2015 2:55	0.19	4.00	0.12	5.0
92	11/7/2015 18:55	0.01	0.08	0.01	1.5
93	11/10/2015 2:55	0.66	16.17	0.12	2.3
94	11/12/2015 3:05	0.09	10.92	0.04	1.3
95	11/13/2015 15:25	0.04	2.67	0.02	1.1
96	11/18/2015 17:45	0.11	8.25	0.08	5.0
97	11/21/2015 16:35	0.15	11.92	0.07	2.6
98	11/27/2015 11:35	0.51	24.50	0.08	5.3
99	12/1/2015 15:40	0.08	2.83	0.04	3.2
100	12/2/2015 17:50	0.16	10.33	0.08	1.0
101	12/14/2015 11:30	0.08	10.08	0.04	11.3
102	12/15/2015 22:45	0.01	0.08	0.01	1.1
103	12/19/2015 6:45	0.04	1.08	0.04	3.3
104	12/21/2015 8:45	0.08	4.17	0.05	2.0
105	12/22/2015 3:35	0.32	5.33	0.21	0.6
106	12/23/2015 22:00	0.22	1.58	0.19	1.5
107	12/25/2015 6:30	0.01	0.08	0.01	1.3
108	12/26/2015 17:20	1.58	17.00	0.37	1.5
109	12/28/2015 10:10	0.44	25.50	0.12	1.0

FINAL A-24 April 21, 2016

		Indepe	ndence Rain	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:45	1.46	32.83	0.23	2.5
2	1/6/2015 2:05	0.06	3.17	0.03	1.2
3	1/7/2015 6:25	0.01	0.08	0.01	1.1
4	1/8/2015 21:45	0.02	4.42	0.01	1.6
5	1/11/2015 20:10	0.31	16.92	0.06	2.8
6	1/18/2015 6:00	0.08	6.00	0.03	5.7
7	1/20/2015 10:55	0.01	0.08	0.01	2.0
8	1/21/2015 6:15	0.21	9.58	0.06	0.8
9	1/25/2015 3:55	0.02	1.25	0.01	3.5
10	1/25/2015 18:20	0.08	14.17	0.02	0.6
11	1/29/2015 11:00	0.15	17.00	0.06	3.1
12	2/1/2015 3:30	0.73	21.00	0.13	2.0
13	2/3/2015 23:30	0.06	3.42	0.03	2.0
14	2/4/2015 15:30	0.23	8.42	0.08	0.5
15	2/9/2015 0:10	0.01	0.08	0.01	4.0
16	2/11/2015 21:25	0.01	0.08	0.01	2.9
17	2/14/2015 8:10	0.07	5.08	0.03	2.4
18	2/19/2015 4:50	0.01	0.08	0.01	4.7
19	2/21/2015 7:05	0.25	9.08	0.06	2.1
20	3/1/2015 0:40	0.27	16.08	0.04	7.4
21	3/3/2015 8:55	0.12	9.58	0.05	1.7
22	3/10/2015 14:00	0.05	7.42	0.02	6.8
23	3/13/2015 17:05	0.60	15.25	0.09	2.8
24	3/25/2015 6:45	0.13	3.50	0.10	10.9
25	3/26/2015 6:00	0.61	8.33	0.17	0.8
26	3/31/2015 2:35	0.08	1.33	0.07	4.5
27	4/2/2015 11:50	0.39	11.00	0.31	2.3
28	4/3/2015 16:05	0.45	11.25	0.20	0.7
29	4/6/2015 12:45	0.05	0.33	0.05	2.4
30	4/7/2015 2:00	0.63	23.25	0.18	0.5
31	4/9/2015 6:10	0.93	26.50	0.26	1.2
32	4/10/2015 22:45	0.04	1.50	0.03	0.6
33	4/13/2015 17:55	0.13	2.25	0.07	2.7
34	4/16/2015 11:15	0.03	0.50	0.03	2.6
35	4/17/2015 0:15	0.08	12.33	0.05	0.5
36	4/19/2015 10:00	0.41	27.33	0.18	1.9
37	4/22/2015 1:10	0.08	1.42	0.06	1.5
38	4/23/2015 5:55	0.05	3.00	0.04	1.1
39	4/25/2015 3:45	0.03	1.67	0.02	1.8
40	4/27/2015 8:05	0.09	1.50	0.07	2.1
41	4/30/2015 22:30	0.01	0.08	0.01	3.5

FINAL A-25 April 21, 2016

		Indepe	ndence Rair	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
42	5/4/2045 47.00	0.04	0.50	(In/Hr)	(Days)
42	5/4/2015 17:00	0.04	0.50	0.04	3.8
43	5/5/2015 9:20	0.01	0.08	0.01	0.7
44	5/9/2015 23:30	0.12	9.17	0.11	4.6
45	5/11/2015 18:50	0.61	4.67	0.55	1.4
46	5/15/2015 9:30	0.15	4.17	0.11	3.4
47	5/22/2015 9:30	0.01	0.08	0.01	6.8
48	5/26/2015 19:15	0.22	7.25	0.17	4.4
49	5/27/2015 18:45	0.53	2.92	0.30	0.7
50	5/30/2015 12:45	4.34	34.42	1.40	2.6
51	6/9/2015 5:00	0.01	0.08	0.01	8.2
52	6/10/2015 7:25	0.40	4.67	0.28	1.1
53	6/11/2015 5:20	0.02	0.33	0.02	0.7
54	6/12/2015 14:55	2.10	16.67	0.91	1.4
55	6/14/2015 3:15	0.42	18.92	0.23	0.8
56	6/15/2015 14:45	1.33	18.33	0.44	0.7
57	6/18/2015 7:40	0.01	0.08	0.01	1.9
58	6/18/2015 21:15	0.05	0.50	0.05	0.6
59	6/20/2015 9:10	0.05	0.50	0.05	1.5
60	6/21/2015 7:35	0.15	6.50	0.09	0.9
61	6/22/2015 17:40	2.51	15.17	0.98	1.2
62	6/25/2015 14:15	0.01	0.08	0.01	2.2
63	6/27/2015 0:45	3.20	37.67	0.78	1.4
64 65	6/29/2015 19:10 6/30/2015 16:10	0.07 1.39	2.75 10.75	0.06 1.04	0.8
	7/7/2015 14:40		11.50		6.5
66 67	7/9/2015 14:40	0.59 0.98	10.67	0.39	1.2
68	7/10/2015 10:15	0.98	0.08	0.01	0.7
69	7/10/2013 10:13	0.46	11.17	0.20	2.3
70	7/14/2015 17:43	0.46	18.00	0.33	1.4
71	7/14/2013 14:00	0.40	11.83	0.02	2.1
72	7/19/2015 3:10	0.03	0.08	0.01	1.9
73	7/19/2013 18:03	0.01	0.08	0.01	1.7
74	7/29/2015 10:05	0.04	0.17	0.02	8.4
75	8/3/2015 2:25	0.02	3.83	0.02	4.2
76	8/10/2015 18:25	1.81	3.42	1.26	7.5
77	8/11/2015 22:05	0.19	0.17	0.19	1.0
78	8/15/2015 0:05	0.04	1.67	0.03	3.1
79	8/18/2015 14:20	0.14	0.58	0.14	3.5
80	8/20/2015 7:25	0.09	1.58	0.08	1.7
81	8/26/2015 1:00	0.11	17.83	0.05	5.7
82	8/27/2015 7:25	0.04	1.58	0.03	0.5
	5, 2., 2015 7.25	5.54	1.55	0.03	0.5

FINAL A-26 April 21, 2016

		Indepe	ndence Rair	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	8/30/2015 0:55	0.51	9.58	0.40	2.7
84	9/1/2015 19:00	0.01	0.08	0.01	2.4
85	9/2/2015 14:35	0.18	0.17	0.18	0.8
86	9/3/2015 18:15	0.70	14.58	0.30	1.1
87	9/11/2015 15:00	1.82	14.50	0.47	7.3
88	9/12/2015 21:00	0.02	0.25	0.02	0.6
89	9/19/2015 4:05	0.20	11.75	0.19	6.3
90	9/29/2015 5:05	0.40	19.50	0.17	9.6
91	10/3/2015 6:10	0.44	16.17	0.12	3.2
92	10/9/2015 8:15	0.09	5.00	0.07	5.4
93	10/13/2015 0:50	0.04	0.17	0.04	3.5
94	10/14/2015 1:05	0.03	13.00	0.02	1.0
95	10/15/2015 19:00	0.34	5.08	0.20	1.2
96	10/16/2015 17:30	0.08	3.92	0.05	0.7
97	10/18/2015 10:00	0.03	0.42	0.03	1.5
98	10/24/2015 18:55	0.21	1.83	0.15	6.4
99	10/27/2015 22:10	1.68	30.17	0.36	3.1
100	10/30/2015 7:20	0.01	0.08	0.01	1.1
101	11/1/2015 1:00	0.04	3.33	0.02	1.7
102	11/6/2015 3:40	0.25	5.08	0.13	5.0
103	11/7/2015 18:30	0.04	1.08	0.04	1.4
104	11/10/2015 2:15	0.56	15.50	0.14	2.3
105	11/12/2015 2:25	0.20	12.67	0.09	1.4
106	11/13/2015 17:15	0.02	1.33	0.01	1.1
107	11/18/2015 17:40	0.10	8.08	0.07	5.0
108	11/21/2015 17:40	0.23	9.83	0.11	2.7
109	11/27/2015 11:25	0.72	25.33	0.12	5.3
110	12/1/2015 9:10	0.10	9.67	0.05	2.9
111	12/2/2015 17:25	0.10	13.50	0.08	0.9
112	12/14/2015 11:05	0.05	10.83	0.02	11.2
113	12/15/2015 17:20	0.02	0.17	0.02	0.8
114	12/21/2015 8:50	0.57	22.67	0.23	5.6
115	12/23/2015 21:50	0.32	1.67	0.23	1.6
116	12/26/2015 17:30	1.53	20.92	0.43	2.8
117	12/28/2015 11:10	0.38	20.00	0.08	0.9

FINAL A-27 April 21, 2016

		James Rh	odes HS Ra	in Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	4 /2 /4 5 4 4 2 5	4.00	20.00	(In/Hr)	(Days)
1	1/3/15 11:35	1.39	39.08	0.25	2.5
2	1/6/15 2:05	0.04	2.33	0.02	1.0
3	1/7/15 5:45	0.01	0.08	0.01	1.1
4	1/9/15 1:30	0.01	0.08	0.01	1.8
5	1/11/15 20:20	0.28	16.50	0.05	2.8
6	1/18/15 5:55	0.05	5.92	0.02	5.7
7	1/21/15 7:05	0.16	7.08	0.06	2.8
8	1/24/15 18:05	0.02	10.75	0.01	3.2
9	1/25/15 23:40	0.03	9.00	0.02	0.8
10	1/29/15 10:50	0.16	17.08	0.05	3.1
11	2/1/15 3:10	0.70	27.58	0.09	2.0
12	2/3/15 23:45	0.05	1.75	0.04	1.7
13	2/4/15 15:35	0.25	7.00	0.07	0.6
14	2/11/15 21:20	0.01	0.08	0.01	7.0
15	2/14/15 8:15	0.07	4.42	0.04	2.5
16	2/18/15 19:20	0.01	0.08	0.01	4.3
17	2/21/15 6:25	0.28	9.17	0.07	2.5
18	2/22/15 18:40	0.01	0.08	0.01	1.1
19	3/1/15 0:45	0.25	16.08	0.04	6.3
20	3/3/15 9:05	0.08	5.67	0.04	1.7
21	3/10/15 19:40	0.02	1.17	0.01	7.2
22	3/13/15 17:05	0.57	15.08	0.11	2.8
23	3/25/15 6:35	0.13	3.50	0.10	10.9
24	3/26/15 5:40	0.59	8.67	0.18	0.8
25	3/31/15 2:40	0.07	4.00	0.06	4.5
26	4/2/15 12:15	0.33	10.50	0.23	2.2
27	4/3/15 16:20	0.41	10.92	0.18	0.7
28	4/6/15 12:50	0.02	0.25	0.02	2.4
29	4/7/15 2:50	0.70	26.08	0.19	0.6
30	4/9/15 6:25	0.74	26.33	0.32	1.1
31	4/10/15 22:50	0.05	0.92	0.05	0.6
32	4/13/15 17:40	0.12	2.33	0.06	2.8
33	4/16/15 21:15	0.13	4.83	0.12	3.1
34	4/19/15 10:10	0.13	10.92	0.11	2.3
35	4/20/15 10:35	0.14	5.00	0.08	0.6
36	4/22/15 0:40	0.05	1.42	0.04	1.4
37	4/23/15 2:20	0.13	6.92	0.07	1.0
38	4/25/15 4:55	0.01	0.08	0.01	1.8
39	4/27/15 7:55	0.05	1.17	0.04	2.1
40	5/4/15 16:25	0.03	0.50	0.03	7.3
41	5/5/15 23:15	0.17	2.42	0.15	1.3

FINAL A-28 April 21, 2016

		James Rh	odes HS Ra	in Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	- / - /			(In/Hr)	(Days)
42	5/11/15 18:25	0.68	5.08	0.61	5.7
43	5/15/15 9:00	0.16	15.58	0.08	3.4
44	5/22/15 7:05	0.01	0.08	0.01	6.3
45	5/26/15 23:50	0.06	0.58	0.06	4.7
46	5/27/15 18:30	0.74	4.25	0.44	0.8
47	6/1/15 0:50	0.02	0.92	0.02	4.1
48	6/9/15 4:05	0.02	0.67	0.02	8.1
49	6/10/15 7:25	0.27	4.33	0.16	1.1
50	6/11/15 0:35	0.03	4.50	0.02	0.5
51	6/12/15 14:40	1.13	17.17	0.42	1.4
52	6/14/15 4:30	1.01	17.25	0.68	0.9
53	6/15/15 14:20	1.26	18.58	0.53	0.7
54	6/18/15 21:10	0.07	0.92	0.07	2.5
55	6/20/15 9:30	0.03	0.25	0.03	1.5
56	6/22/15 17:35	1.78	14.50	1.02	2.3
57	6/25/15 13:25	0.02	6.42	0.01	2.2
58	6/27/15 2:10	1.79	11.50	0.43	1.3
59	6/28/15 1:50	0.13	7.25	0.08	0.5
60	6/30/15 1:00	0.01	0.08	0.01	1.7
61	6/30/15 16:00	0.01	0.08	0.01	0.6
62	7/9/15 5:40	0.87	9.50	0.38	8.6
63	7/10/15 4:20	0.01	0.08	0.01	0.6
64	7/12/15 17:35	0.22	10.33	0.13	2.6
65	7/14/15 15:05	0.03	0.25	0.03	1.5
66	7/15/15 7:15	0.04	1.00	0.04	0.7
67	7/29/15 21:30	0.01	0.08	0.01	14.6
68 69	8/3/15 1:45 8/14/15 23:40	0.01	0.08	0.01	4.2
70	8/18/15 14:00		8.33	0.20	11.9 3.3
71	8/19/15 18:00	0.21	2.92 0.08	0.01	1.0
72	8/20/15 7:10	0.01	0.08	0.07	0.5
73	8/23/15 23:30	0.07	0.23	0.07	3.7
74	8/25/15 23:55	0.01	18.67	0.05	2.0
75	8/27/15 7:50	0.13	0.08	0.03	0.6
76	8/30/15 1:00	0.01	9.25	0.19	2.7
77	9/3/15 23:55	0.31	8.67	0.29	4.6
78	9/9/15 8:05	0.43	0.42	0.04	5.0
79	9/11/15 16:50	2.96	29.67	0.56	2.4
80	9/19/15 3:35	0.19	13.75	0.11	6.2
81	9/29/15 13:15	0.65	14.42	0.34	9.8
82	10/3/15 6:30	0.03	13.00	0.09	3.1
U2	10/3/13 0.30	0.41	13.00	0.03	J.1

FINAL A-29 April 21, 2016

		James Rh	nodes HS Ra	nin Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	10/9/15 8:00	0.11	5.08	0.10	5.5
84	10/14/15 0:55	0.15	13.33	0.09	4.5
85	10/15/15 19:05	0.23	4.92	0.13	1.2
86	10/16/15 12:45	0.11	7.17	0.07	0.5
87	10/17/15 16:15	0.05	0.67	0.05	0.9
88	10/24/15 18:55	0.15	3.42	0.11	7.1
89	10/27/15 22:05	0.95	15.92	0.22	3.0
90	10/29/15 3:20	0.02	0.17	0.02	0.6
91	10/30/15 4:35	0.01	0.08	0.01	1.0
92	11/1/15 0:15	0.02	2.83	0.01	1.8
93	11/6/15 3:45	0.18	3.08	0.13	5.0
94	11/10/15 2:05	0.56	20.33	0.12	3.8
95	11/12/15 2:30	0.08	11.92	0.03	1.2
96	11/13/15 18:05	0.01	0.08	0.01	1.2
97	11/18/15 18:05	0.05	8.25	0.03	5.0
98	11/21/15 17:45	0.19	20.58	0.05	2.6
99	11/27/15 12:50	0.59	23.58	0.09	4.9
100	12/1/15 15:30	0.09	3.00	0.05	3.1
101	12/2/15 17:25	0.12	13.58	0.08	1.0
102	12/14/15 12:10	0.04	9.83	0.03	11.2
103	12/15/15 16:40	0.01	0.08	0.01	0.8
104	12/21/15 9:10	0.03	3.00	0.02	5.7
105	12/22/15 3:05	0.30	3.92	0.17	0.6
106	12/23/15 21:50	0.22	1.75	0.16	1.6
107	12/25/15 6:50	0.01	0.08	0.01	1.3
108	12/26/15 17:30	1.47	20.50	0.38	1.4
109	12/28/15 12:20	0.28	16.50	0.08	0.9

FINAL A-30 April 21, 2016

		Jennir	igs PS Rain (Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:40	1.37	38.92	0.24	2.5
2	1/6/2015 1:55	0.06	3.58	0.03	1.0
3	1/7/2015 5:40	0.03	0.33	0.03	1.0
4	1/8/2015 23:30	0.04	3.92	0.02	1.7
5	1/11/2015 20:10	0.36	16.83	0.06	2.7
6	1/18/2015 5:55	0.06	2.00	0.03	5.7
7	1/19/2015 0:05	0.01	0.08	0.01	0.7
8	1/21/2015 6:50	0.19	9.08	0.07	2.3
9	1/24/2015 17:50	0.03	12.17	0.02	3.1
10	1/25/2015 18:05	0.07	14.75	0.03	0.5
11	1/29/2015 10:50	0.20	18.50	0.06	3.1
12	2/1/2015 3:35	0.85	33.33	0.11	1.9
13	2/3/2015 23:35	0.38	23.00	0.08	1.4
14	2/11/2015 19:35	0.01	0.08	0.01	6.9
15	2/14/2015 2:45	0.14	10.50	0.05	2.3
16	2/18/2015 19:20	0.01	0.08	0.01	4.3
17	2/21/2015 6:20	0.31	9.50	0.08	2.5
18	2/22/2015 18:20	0.02	0.58	0.02	1.1
19	2/26/2015 13:05	0.01	0.08	0.01	3.8
20	3/1/2015 0:55	0.30	15.92	0.04	2.5
21	3/3/2015 9:00	0.12	7.33	0.04	1.7
22	3/10/2015 14:05	0.03	7.42	0.02	6.9
23	3/13/2015 17:10	0.59	18.25	0.11	2.8
24	3/25/2015 6:40	0.12	3.33	0.10	10.8
25	3/26/2015 5:40	0.62	9.08	0.18	0.8
26	3/30/2015 1:15	0.01	0.08	0.01	3.4
27	3/31/2015 2:35	0.09	4.92	0.07	1.1
28	3/31/2015 20:05	0.01	0.08	0.01	0.5
29	4/2/2015 11:45	0.37	11.00	0.25	1.7
30	4/3/2015 16:20	0.38	11.00	0.16	0.7
31	4/6/2015 12:45	0.04	2.17	0.03	2.4
32	4/7/2015 3:00	0.73	22.92	0.20	0.5
33	4/9/2015 6:30	0.35	26.42	0.09	1.2
34	4/10/2015 22:50	0.05	0.92	0.05	0.6
35	4/13/2015 17:50	0.07	2.00	0.05	2.8
36	4/16/2015 20:40	0.10	5.42	0.08	3.0
37	4/19/2015 10:10	0.31	29.50	0.12	2.3
38	4/22/2015 0:35	0.05	1.50	0.04	1.4
39	4/23/2015 0:25	0.12	8.08	0.05	0.9
40	4/25/2015 3:40	0.01	0.08	0.01	1.8
41	4/27/2015 7:45	0.05	1.33	0.04	2.2

FINAL A-31 April 21, 2016

		Jennir	ngs PS Rain	Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	-1.1			(In/Hr)	(Days)
42	5/4/2015 21:25	0.01	0.08	0.01	7.5
43	5/5/2015 23:15	0.32	1.92	0.27	1.1
44	5/9/2015 23:40	0.01	0.08	0.01	3.9
45	5/11/2015 18:30	0.62	5.00	0.56	1.8
46	5/15/2015 9:05	0.22	15.50	0.08	3.4
47	5/17/2015 8:15	0.06	1.50	0.05	1.3
48	5/18/2015 16:15	0.11	0.33	0.11	1.3
49	5/22/2015 7:00	0.02	0.33	0.02	3.6
50	5/26/2015 19:20	0.13	6.58	0.11	4.5
51	5/27/2015 18:30	0.68	5.67	0.41	0.7
52	5/30/2015 17:15 6/9/2015 4:05	3.87	32.42 2.17	1.54	2.7
53		0.09		0.05	8.1
54	6/10/2015 7:00	0.41	22.17	0.13	1.0
55	6/12/2015 14:40 6/14/2015 4:25	1.70	17.08	0.78	1.4
56 57	6/15/2015 4:25	0.88 1.63	17.17 24.75	0.58	0.9
58	6/18/2015 2:50 6/20/2015 9:35	0.12	19.33	0.07	1.6 1.5
59	6/22/2015 17:40	1.77	0.25 14.58	0.03 1.00	
60 61	6/25/2015 17:40	0.03	1.67	0.02	2.3
62	6/27/2015 0:40	2.09	32.17	0.50	1.4
63	6/29/2015 13:25	0.04	12.08	0.02	1.2
64	6/30/2015 16:05	0.68	8.50	0.43	0.6
65	7/7/2015 14:35	0.90	11.08	0.44	6.6
66	7/9/2015 5:35	0.95	11.08	0.43	1.2
67	7/12/2015 17:40	0.74	11.00	0.33	3.0
68	7/14/2015 14:40	0.12	0.83	0.12	1.4
69	7/15/2015 7:15	0.02	0.50	0.02	0.7
70	7/17/2015 8:50	0.02	0.58	0.02	2.0
71	7/19/2015 17:35	0.02	0.17	0.02	2.3
72	7/29/2015 20:45	0.01	0.08	0.01	10.1
73	8/3/2015 1:30	0.29	9.00	0.15	4.2
74	8/10/2015 18:55	0.48	4.08	0.46	7.4
75	8/14/2015 23:50	0.04	1.83	0.02	4.0
76	8/18/2015 13:40	0.63	1.42	0.58	3.5
77	8/19/2015 17:15	0.09	14.67	0.07	1.1
78	8/23/2015 23:30	0.03	0.33	0.03	3.7
79	8/25/2015 23:50	0.28	32.00	0.13	2.0
80	8/29/2015 20:10	0.34	14.17	0.20	2.5
81	9/3/2015 23:45	0.44	8.92	0.22	4.6
82	9/9/2015 8:00	0.03	0.42	0.03	5.0

FINAL A-32 April 21, 2016

		Jennir	igs PS Rain	Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	9/11/2015 16:50	3.13	29.58	0.56	2.4
84	9/19/2015 3:35	0.22	13.58	0.14	6.2
85	9/29/2015 13:00	0.74	11.17	0.34	9.8
86	9/30/2015 12:45	0.01	0.08	0.01	0.5
87	10/3/2015 6:35	0.39	14.33	0.08	2.7
88	10/4/2015 10:55	0.01	0.08	0.01	0.6
89	10/9/2015 7:45	0.10	5.33	0.08	4.9
90	10/14/2015 0:35	0.19	13.75	0.09	4.5
91	10/15/2015 19:00	0.28	4.75	0.15	1.2
92	10/16/2015 19:15	0.22	1.92	0.21	0.8
93	10/17/2015 16:55	0.01	0.08	0.01	0.8
94	10/24/2015 18:50	0.15	3.42	0.11	7.1
95	10/25/2015 11:30	0.01	0.08	0.01	0.6
96	10/27/2015 22:50	1.10	29.58	0.23	2.5
97	10/30/2015 5:05	0.01	0.08	0.01	1.0
98	10/31/2015 23:30	0.03	3.50	0.01	1.8
99	11/6/2015 2:55	0.22	4.00	0.15	5.0
100	11/10/2015 2:10	0.58	16.92	0.15	3.8
101	11/12/2015 2:25	0.12	12.08	0.05	1.3
102	11/13/2015 15:15	0.01	0.08	0.01	1.0
103	11/18/2015 17:40	0.07	8.17	0.04	5.1
104	11/21/2015 16:50	0.28	21.08	0.08	2.6
105	11/27/2015 11:30	0.74	25.83	0.12	4.9
106	12/1/2015 15:35	0.09	8.50	0.05	3.1
107	12/2/2015 17:30	0.12	13.33	0.08	0.7
108	12/14/2015 11:20	0.06	17.92	0.02	11.2
109	12/21/2015 8:45	0.40	22.17	0.19	6.1
110	12/23/2015 12:20	0.28	11.08	0.20	1.2
111	12/25/2015 6:30	0.02	0.50	0.02	1.3
112	12/26/2015 17:30	1.55	20.75	0.37	1.4
113	12/28/2015 12:25	0.35	17.58	0.11	0.9

FINAL A-33 April 21, 2016

		Mace	donia Rain (Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:35	1.51	33.67	0.31	2.5
2	1/6/2015 1:50	0.08	4.25	0.03	1.2
3	1/7/2015 6:20	0.01	0.08	0.01	1.0
4	1/8/2015 20:35	0.08	10.25	0.03	1.6
5	1/10/2015 9:25	0.01	0.08	0.01	1.1
6	1/11/2015 20:05	0.34	16.75	0.06	1.4
7	1/18/2015 6:20	0.08	5.92	0.04	5.7
8	1/20/2015 10:15	0.03	1.50	0.02	1.9
9	1/21/2015 6:45	0.20	9.75	0.07	0.8
10	1/25/2015 5:10	0.12	29.25	0.03	3.5
11	1/29/2015 10:55	0.24	21.58	0.07	3.0
12	2/1/2015 3:20	0.74	23.25	0.11	1.8
13	2/3/2015 23:15	0.34	23.17	0.09	1.9
14	2/8/2015 23:10	0.07	1.17	0.06	4.0
15	2/11/2015 19:10	0.04	7.42	0.02	2.8
16	2/14/2015 3:35	0.13	12.42	0.05	2.0
17	2/19/2015 5:20	0.02	1.92	0.01	4.6
18	2/21/2015 6:50	0.26	8.92	0.07	2.0
19	2/22/2015 18:50	0.01	0.08	0.01	1.1
20	3/1/2015 0:45	0.36	16.25	0.05	6.2
21	3/3/2015 9:40	0.16	9.00	0.08	1.7
22	3/10/2015 12:50	0.09	12.92	0.03	6.8
23	3/13/2015 16:40	0.67	18.83	0.11	2.6
24	3/25/2015 6:25	0.18	3.83	0.13	10.8
25	3/26/2015 6:25	0.49	8.17	0.13	0.8
26	3/27/2015 15:35	0.02	1.92	0.01	1.0
27	3/30/2015 1:50	0.01	0.08	0.01	2.4
28	3/31/2015 2:55	0.07	4.75	0.05	1.0
29	4/2/2015 11:30	0.14	12.25	0.04	2.2
30	4/3/2015 16:10	0.43	11.42	0.20	0.7
31	4/6/2015 13:05	0.63	36.33	0.25	2.4
32	4/9/2015 6:40	1.08	27.67	0.27	1.2
33	4/10/2015 23:45	0.02	1.67	0.01	0.6
34	4/13/2015 18:00	0.41	2.33	0.24	2.7
35	4/16/2015 11:05	0.30	16.33	0.13	2.6
36	4/19/2015 9:45	0.93	30.50	0.27	2.3
37	4/22/2015 1:20	0.12	10.67	0.06	1.4
38	4/23/2015 6:00	0.03	3.58	0.02	0.8
39	4/25/2015 3:45	0.03	2.00	0.02	1.8
40	4/27/2015 8:05	0.13	3.83	0.07	2.1
41	4/30/2015 21:50	0.03	1.58	0.02	3.4

FINAL A-34 April 21, 2016

		Mace	donia Rain (Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
42	5/4/2015 16:55	0.12	1.83	0.11	3.7
43	5/5/2015 7:20	0.07	5.67	0.05	0.5
44	5/9/2015 19:55	0.15	4.83	0.13	4.3
45	5/11/2015 18:55	0.29	7.17	0.16	1.8
46	5/15/2015 9:45	0.21	22.67	0.10	3.3
47	5/17/2015 8:20	0.01	0.08	0.01	1.0
48	5/18/2015 15:05	0.04	0.17	0.04	1.3
49	5/26/2015 19:15	0.54	5.50	0.28	8.2
50	5/27/2015 20:05	0.86	10.50	0.62	0.8
51	5/30/2015 13:25	2.60	31.92	0.89	2.3
52	6/10/2015 7:40	0.38	4.33	0.33	9.4
53	6/12/2015 14:40	0.55	2.25	0.39	2.1
54	6/13/2015 5:00	0.54	2.83	0.42	0.5
55	6/14/2015 3:30	0.07	3.92	0.06	0.8
56	6/14/2015 20:00	0.08	2.58	0.04	0.5
57	6/15/2015 13:00	1.69	20.17	1.03	0.6
58	6/18/2015 6:40	0.01	0.08	0.01	1.9
59	6/18/2015 20:30	0.05	1.50	0.03	0.6
60	6/20/2015 8:50	0.12	1.33	0.11	1.5
61	6/21/2015 12:30	0.58	4.33	0.29	1.1
62	6/22/2015 18:10	0.99	13.42	0.48	1.1
63	6/25/2015 13:05	0.04	1.25	0.03	2.2
64	6/27/2015 3:05	2.44	33.83	0.81	1.5
65	6/29/2015 13:00	0.07	9.08	0.05	1.0
66	6/30/2015 16:00	0.25	11.33	0.21	0.8
67	7/7/2015 16:10	0.33	9.83	0.23	6.5
68	7/9/2015 6:30	0.75	9.58	0.58	1.2
69	7/10/2015 5:00	0.01	0.08	0.01	0.5
70	7/11/2015 7:00	0.01	0.08	0.01	1.1
71	7/12/2015 20:20	0.77	8.58	0.41	1.6
72	7/14/2015 14:20	1.03	13.08	0.76	1.4
73	7/17/2015 9:25	0.22	22.25	0.19	2.3
74	7/19/2015 18:45	0.01	0.08	0.01	1.5
75	7/21/2015 11:25	0.01	0.08	0.01	1.7
76	7/29/2015 21:00	0.03	0.33	0.03	8.4
77	8/3/2015 6:20	0.01	0.08	0.01	4.4
78	8/10/2015 12:25	1.48	17.92	0.78	7.3
79	8/19/2015 18:45	0.01	0.08	0.01	8.5
80	8/20/2015 7:55	0.16	0.50	0.16	0.5
81	8/26/2015 3:45	0.01	0.08	0.01	5.8
82	8/26/2015 16:20	0.05	3.00	0.03	0.5

FINAL A-35 April 21, 2016

		Mace	donia Rain (Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	8/27/2015 10:20	0.01	0.08	0.01	0.6
84	8/29/2015 18:20	0.38	12.50	0.19	2.3
85	9/3/2015 19:45	0.48	24.67	0.21	4.5
86	9/11/2015 18:40	2.65	28.58	0.59	6.9
87	9/19/2015 3:40	0.46	13.58	0.42	6.2
88	9/28/2015 4:25	0.02	2.92	0.01	8.5
89	9/29/2015 6:00	0.51	28.83	0.24	0.9
90	10/3/2015 6:10	0.39	15.33	0.12	2.8
91	10/9/2015 8:10	0.03	5.33	0.02	5.4
92	10/15/2015 19:25	0.30	4.67	0.15	6.3
93	10/16/2015 12:20	0.11	18.25	0.03	0.5
94	10/18/2015 10:10	0.01	0.08	0.01	1.2
95	10/24/2015 19:05	0.48	8.00	0.35	6.4
96	10/27/2015 21:45	1.35	24.42	0.26	2.8
97	10/30/2015 5:30	0.03	1.83	0.02	1.3
98	11/1/2015 0:15	0.05	4.67	0.03	1.7
99	11/6/2015 4:50	0.18	5.50	0.10	5.0
100	11/10/2015 2:40	0.66	20.58	0.16	3.7
101	11/12/2015 2:35	0.20	12.75	0.14	1.1
102	11/13/2015 15:40	0.01	0.08	0.01	1.0
103	11/18/2015 17:50	0.15	10.75	0.07	5.1
104	11/21/2015 17:45	0.17	5.67	0.09	2.6
105	11/27/2015 11:30	0.62	25.67	0.07	5.5
106	12/1/2015 16:10	0.13	3.08	0.05	3.1
107	12/2/2015 17:40	0.02	0.17	0.02	0.9
108	12/3/2015 7:10	0.01	0.08	0.01	0.6
109	12/14/2015 11:25	0.07	10.67	0.02	11.2
110	12/15/2015 17:55	0.02	1.08	0.02	0.8
111	12/21/2015 9:00	0.68	23.25	0.28	5.6
112	12/23/2015 12:10	0.30	11.42	0.20	1.2
113	12/26/2015 17:25	2.18	17.33	0.42	2.7
114	12/28/2015 12:00	0.40	21.83	0.09	1.1
115	12/31/2015 5:35	0.01	0.08	0.01	1.8

FINAL A-36 April 21, 2016

		Maple I	Heights Rair	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:50	1.26	30.75	0.23	2.5
2	1/5/2015 7:00	0.01	0.08	0.01	0.5
3	1/6/2015 2:15	0.04	2.08	0.03	0.8
4	1/7/2015 6:20	0.01	0.08	0.01	1.1
5	1/11/2015 20:15	0.25	16.58	0.05	4.6
6	1/18/2015 6:00	0.07	6.33	0.03	5.7
7	1/21/2015 6:55	0.16	7.83	0.06	2.8
8	1/22/2015 12:00	0.01	0.08	0.01	0.9
9	1/25/2015 4:45	0.08	23.92	0.02	2.7
10	1/29/2015 13:30	0.12	14.17	0.04	3.4
11	2/1/2015 3:40	0.72	30.42	0.10	2.0
12	2/3/2015 23:50	0.07	3.83	0.03	1.6
13	2/4/2015 15:55	0.17	6.75	0.06	0.5
14	2/8/2015 23:45	0.03	0.42	0.03	4.0
15	2/11/2015 20:50	0.01	0.08	0.01	2.9
16	2/14/2015 7:35	0.05	4.58	0.02	2.4
17	2/21/2015 6:35	0.22	9.67	0.05	6.8
18	3/1/2015 0:50	0.27	15.83	0.04	7.4
19	3/3/2015 9:05	0.12	9.25	0.05	1.7
20	3/10/2015 13:05	0.05	12.58	0.02	6.8
21	3/13/2015 17:05	0.56	15.17	0.09	2.6
22	3/25/2015 6:55	0.12	3.08	0.10	10.9
23	3/26/2015 5:55	0.52	6.75	0.14	0.8
24	3/27/2015 14:05	0.01	0.08	0.01	1.1
25	3/31/2015 2:40	0.10	6.33	0.07	3.5
26	4/2/2015 11:55	0.35	11.00	0.23	2.1
27	4/3/2015 16:10	0.34	10.58	0.16	0.7
28	4/6/2015 12:55	0.02	0.33	0.02	2.4
29	4/7/2015 1:45	0.67	24.92	0.19	0.5
30	4/9/2015 6:45	0.73	26.08	0.25	1.2
31	4/10/2015 22:50	0.05	0.92	0.05	0.6
32	4/13/2015 18:00	0.07	2.08	0.04	2.8
33	4/16/2015 11:05	0.24	15.25	0.17	2.6
34	4/19/2015 10:05	0.46	30.08	0.20	2.3
35	4/22/2015 0:50	0.06	1.67	0.04	1.4
36	4/23/2015 0:20	0.17	8.58	0.08	0.9
37	4/27/2015 7:50	0.10	1.67	0.08	4.0
38	4/30/2015 21:45	0.01	0.08	0.01	3.5
39	5/4/2015 16:45	0.04	1.08	0.03	3.8
40	5/5/2015 8:35	0.06	1.42	0.05	0.6
41	5/5/2015 23:40	0.17	12.92	0.15	0.6

FINAL A-37 April 21, 2016

		Maple I	Heights Rair	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	- /0 /00			(In/Hr)	(Days)
42	5/9/2015 23:40	0.10	9.17	0.08	3.5
43	5/11/2015 18:55	0.77	5.25	0.71	1.4
44	5/15/2015 9:30	0.19	15.17	0.08	3.4
45	5/17/2015 9:55	0.01	0.08	0.01	1.4
46	5/18/2015 16:40	0.04	0.17	0.04	1.3
47	5/22/2015 7:10	0.03	1.67	0.02	3.6
48	5/26/2015 19:20	0.44	5.08	0.27	4.4
49	5/27/2015 18:35	0.48	3.33	0.26	0.8
50	5/30/2015 13:05	3.30	40.42	1.19	2.6
51	6/9/2015 4:40	0.08	1.83	0.07	8.0
52	6/10/2015 7:25	0.32	22.08	0.11	1.0
53	6/12/2015 14:55	1.92	17.00	1.00	1.4
54	6/14/2015 3:45	0.89	19.00	0.51	0.8
55	6/15/2015 14:20	1.10	18.67	0.40	0.7
56	6/18/2015 7:40	0.06	14.25	0.04	1.9
57	6/20/2015 5:35	0.05	4.42	0.04	1.3
58	6/21/2015 12:20	0.07	0.17	0.07	1.1
59	6/22/2015 17:45	1.74	14.75	0.80	1.2
60	6/25/2015 17:35	0.01	0.08	0.01	2.4
61	6/27/2015 2:25	2.86	34.33	0.80	1.4
62	6/29/2015 13:45	0.03	8.67	0.02	1.0
63	6/30/2015 16:20	0.71	8.50	0.33	0.8
64	7/7/2015 14:45	1.01	11.17	0.49	6.6
65	7/9/2015 5:25	0.94	9.92	0.53	1.1
66	7/10/2015 3:50	0.01	0.08	0.01	0.5
67	7/12/2015 17:45	0.73	10.50	0.22	2.6
68	7/14/2015 13:30	0.49	17.33	0.28	1.4
69 70	7/17/2015 9:20 7/29/2015 20:55	0.01	0.08	0.01	2.1 12.5
71	8/3/2015 2:15	0.02	4.08	0.02	4.2
72	8/10/2015 14:20	1.31	5.75	0.89	7.3
73	8/16/2015 14.20	0.16	0.83	0.16	6.0
74	8/18/2015 14:50	0.10	0.63	0.39	1.7
75	8/20/2015 7:35	0.09	1.58	0.08	1.7
76	8/24/2015 1:25	0.03	0.08	0.08	3.7
77	8/25/2015 1:25	0.01	0.08	0.01	1.1
78	8/26/2015 4:33	0.01	33.42	0.11	0.8
79	8/30/2015 1:10	0.89	9.33	0.72	2.7
80	9/3/2015 18:10	0.89	11.33	0.72	4.3
81	9/11/2015 14:20	2.80	32.42	0.59	7.4
82	9/19/2015 3:45	0.29	13.33	0.26	6.2
02	לא.כל בנועב ובי וכ	0.29	13.33	0.20	0.2

FINAL A-38 April 21, 2016

		Maple I	Heights Raii	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	9/29/2015 5:10	0.48	19.00	0.15	9.5
84	10/3/2015 6:20	0.37	24.00	0.10	3.3
85	10/9/2015 8:15	0.14	5.00	0.13	5.1
86	10/14/2015 0:45	0.16	13.75	0.08	4.5
87	10/15/2015 18:50	0.28	4.17	0.14	1.2
88	10/16/2015 13:15	0.28	8.33	0.24	0.6
89	10/17/2015 10:50	0.03	5.42	0.02	0.6
90	10/24/2015 19:00	0.16	1.58	0.12	7.1
91	10/27/2015 22:00	1.37	29.83	0.24	3.1
92	10/30/2015 4:25	0.03	3.50	0.02	1.0
93	11/1/2015 0:55	0.04	2.25	0.03	1.7
94	11/6/2015 2:40	0.22	6.83	0.11	5.0
95	11/10/2015 2:45	0.69	17.75	0.18	3.7
96	11/12/2015 2:30	0.14	14.50	0.07	1.3
97	11/13/2015 18:15	0.01	0.08	0.01	1.1
98	11/18/2015 17:45	0.10	9.00	0.08	5.0
99	11/21/2015 17:40	0.17	8.17	0.07	2.6
100	11/27/2015 11:30	0.58	25.00	0.09	5.4
101	12/1/2015 9:40	0.12	9.42	0.05	2.9
102	12/2/2015 17:40	0.10	13.75	0.07	0.9
103	12/14/2015 11:20	0.03	2.33	0.02	11.2
104	12/15/2015 18:00	0.01	0.08	0.01	1.2
105	12/21/2015 9:00	0.52	22.33	0.22	5.6
106	12/23/2015 12:30	0.25	11.00	0.17	1.2
107	12/26/2015 17:40	1.33	20.08	0.39	2.8
108	12/28/2015 12:15	0.33	19.00	0.08	0.9

FINAL A-39 April 21, 2016

		Mayfield	Heights Ra	in Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	. / . /			(In/Hr)	(Days)
1	1/3/2015 11:55	1.53	48.00	0.29	2.5
2	1/6/2015 2:10	0.05	4.00	0.03	0.6
3	1/7/2015 5:45	0.01	0.08	0.01	1.0
4	1/8/2015 22:40	0.02	2.75	0.01	1.7
5	1/11/2015 20:15	0.34	16.67	0.06	2.8
6	1/18/2015 6:05	0.10	7.08	0.04	5.7
7	1/21/2015 7:50	0.12	9.00	0.04	2.8
8	1/24/2015 17:50	0.07	11.83	0.03	3.0
9	1/29/2015 11:00	0.27	17.67	0.06	4.2
10	2/1/2015 3:55	0.80	28.42	0.10	2.0
11	2/3/2015 23:15	0.37	23.67	0.06	1.6
12	2/9/2015 0:15	0.01	0.08	0.01	4.1
13	2/11/2015 19:50	0.03	3.58	0.01	2.8
14	2/14/2015 8:00	0.12	5.83	0.06	2.4
15	2/18/2015 19:30	0.01	0.08	0.01	4.2
16	2/21/2015 5:50	0.38	10.58	0.08	2.4
17	2/22/2015 18:50	0.01	0.08	0.01	1.1
18	2/26/2015 10:10	0.01	0.08	0.01	3.6
19	3/1/2015 1:05	0.28	17.00	0.04	2.6
20	3/3/2015 9:10	0.16	16.00	0.05	1.6
21	3/10/2015 16:10	0.03	4.42	0.02	6.6
22	3/13/2015 17:40	0.38	14.42	0.07	2.9
23	3/25/2015 7:25 3/26/2015 6:05	0.10	2.83 6.83	0.09	11.0
24	• •	0.52		0.15	0.8
25	3/27/2015 6:05	0.02	10.17	0.01	0.7
26	3/31/2015 3:10	0.10	5.83	0.08	3.5
27 28	4/2/2015 11:40 4/3/2015 16:30	0.53	11.50	0.41	2.1 0.7
29	4/6/2015 11:35	0.40	11.17		2.3
30	4/9/2015 11.33	0.82	50.92 26.08	0.13	0.7
31	4/10/2015 22:50	0.78	2.67	0.09	0.6
32	4/13/2015 18:00	0.13	2.07	0.05	2.7
33	4/16/2015 11:20	0.07	15.08	0.03	2.6
34	4/19/2015 10:25	0.59	27.08	0.13	2.3
35	4/22/2015 0:10	0.06	2.33	0.03	1.4
36	4/22/2015 23:05	0.00	0.58	0.03	0.9
37	4/27/2015 7:50	0.02	1.50	0.05	4.3
38	4/30/2015 22:20	0.00	0.08	0.01	3.5
39	5/4/2015 16:50	0.01	1.42	0.06	3.8
40	5/5/2015 9:35	0.01	0.08	0.01	0.6
41	5/5/2015 22:20	0.92	2.92	0.61	0.5
71	3/3/2013 22.20	0.52	۷.۶۲	0.01	0.5

FINAL A-40 April 21, 2016

		Mayfield	Heights Ra	in Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
42	F/7/201F 4.FF	0.01	0.00	(In/Hr)	(Days)
42	5/7/2015 4:55	0.01	0.08	0.01	1.2
43	5/9/2015 20:45	0.17	4.42	0.15	2.7
44	5/11/2015 19:05	0.70	4.67	0.64	1.8
45	5/13/2015 2:00	0.01	0.08	0.01	1.1
46	5/15/2015 9:30	0.45	15.67	0.22	2.3
47	5/16/2015 16:00		0.08	0.02	0.6
48	5/17/2015 7:20	0.08	3.42	0.06	0.6
49	5/18/2015 16:20 5/22/2015 6:30	0.03	0.75	0.03	1.2
50			0.83	0.05	3.6
51 52	5/26/2015 19:40 5/27/2015 18:30	0.24	5.08 4.50	0.19	4.5 0.7
		0.83			
53	5/30/2015 17:45	2.53	36.25	0.80	2.8
54	6/8/2015 14:25	0.03	1.33	0.02	7.4
55	6/9/2015 4:35	0.03	1.08	0.02	0.5
56	6/10/2015 7:25	0.16	1.67	0.12	1.1
57	6/10/2015 23:20	0.18	1.92	0.15	0.6
58	6/12/2015 14:55	1.29	17.17	0.41	1.6
59	6/14/2015 3:50	0.63	17.83	0.37	0.8
60	6/15/2015 19:10	0.90	13.58	0.47	0.9
61	6/18/2015 4:50	0.07	20.75	0.04	1.8
62	6/21/2015 15:10	0.10	0.58	0.10	2.6
63 64	6/22/2015 17:55	1.21	12.67	0.86	1.1 2.4
65	6/25/2015 15:15 6/27/2015 3:00	0.04 2.20	13.75	0.02	
66	6/29/2015 22:25	0.03	32.58 2.17	0.52	0.9 1.5
67	6/30/2015 16:45	0.03	13.42	0.02	0.7
68	7/7/2015 15:00	0.47	11.00	0.56	6.4
69	7/9/2015 15:45	0.86	10.83	0.48	1.2
70	7/12/2015 19:55	0.34	7.92	0.48	3.1
71	7/14/2015 15:35	0.75	18.42	0.50	1.4
72	7/17/2015 9:05	0.73	0.17	0.02	2.1
73	7/29/2015 20:55	0.02	4.17	0.05	12.5
74	8/3/2015 1:55	0.07	4.58	0.07	4.0
75	8/3/2015 1:55	0.12	1.08	0.31	0.6
76	8/10/2015 19:15	0.07	0.83	0.07	6.9
77	8/11/2015 15:50	0.04	3.33	0.03	0.8
78	8/14/2015 23:15	0.09	6.75	0.06	3.2
79	8/17/2015 13:40	0.12	0.33	0.12	2.3
80	8/18/2015 15:15	0.09	0.83	0.09	1.1
81	8/20/2015 5:15	0.11	4.50	0.08	1.6
82	8/24/2015 0:10	0.06	0.92	0.06	3.6
	5, 2-, 2015 0.10	0.00	0.52	0.00	3.0

FINAL A-41 April 21, 2016

	1	Mayfield	Heights Ra	in Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	8/25/2015 4:20	0.02	0.25	0.02	1.1
84	8/25/2015 22:25	0.25	34.00	0.10	0.7
85	8/29/2015 19:00	0.76	21.75	0.48	2.4
86	9/4/2015 1:50	0.02	6.17	0.01	4.4
87	9/11/2015 16:45	2.34	28.58	0.33	7.4
88	9/19/2015 3:45	0.48	14.25	0.25	6.3
89	9/29/2015 6:10	0.47	27.83	0.20	9.5
90	10/3/2015 6:40	0.37	23.58	0.10	2.9
91	10/9/2015 5:55	0.09	5.17	0.06	5.0
92	10/13/2015 18:45	0.50	20.50	0.25	4.3
93	10/15/2015 18:55	0.43	5.00	0.22	1.2
94	10/16/2015 13:35	0.05	5.33	0.03	0.6
95	10/17/2015 7:35	0.23	28.92	0.06	0.5
96	10/24/2015 11:45	0.19	10.75	0.09	6.0
97	10/27/2015 22:20	1.32	29.58	0.27	3.0
98	10/30/2015 3:40	0.03	1.00	0.03	1.0
99	10/31/2015 22:50	0.09	5.08	0.04	1.8
100	11/6/2015 3:40	0.23	3.42	0.13	5.0
101	11/8/2015 9:15	0.01	0.08	0.01	2.1
102	11/10/2015 4:45	0.58	15.25	0.12	1.8
103	11/12/2015 2:40	0.12	12.08	0.05	1.3
104	11/13/2015 17:35	0.03	2.67	0.02	1.1
105	11/18/2015 18:15	0.13	10.50	0.10	4.9
106	11/21/2015 16:20	0.49	22.75	0.11	2.5
107	11/27/2015 11:35	0.58	24.75	0.08	4.9
108	12/1/2015 10:00	0.11	9.25	0.04	2.9
109	12/2/2015 18:00	0.13	11.92	0.07	1.0
110	12/14/2015 11:25	0.13	10.58	0.04	11.2
111	12/15/2015 16:45	0.02	6.42	0.01	0.8
112	12/19/2015 7:10	0.08	2.50	0.06	3.3
113	12/21/2015 8:50	0.52	22.33	0.23	2.0
114	12/23/2015 4:30	0.01	0.08	0.01	0.9
115	12/23/2015 22:00	0.25	1.83	0.18	0.7
116	12/25/2015 7:50	0.01	0.08	0.01	1.3
117	12/26/2015 18:10	1.42	20.92	0.37	1.4
118	12/28/2015 10:20	0.42	21.00	0.09	0.8

FINAL A-42 April 21, 2016

		Morela	nd Hills Rair	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	4/2/2045 44 45	4.56	45.50	(In/Hr)	(Days)
1	1/3/2015 11:45	1.56	45.58	0.26	2.5
2	1/6/2015 1:55	0.08	3.83	0.04	0.7
3	1/7/2015 4:20	0.09	5.25	0.07	0.9
4	1/8/2015 20:35	0.09	9.67	0.02	1.5
5	1/11/2015 20:10	0.36	16.92	0.06	2.6
6	1/13/2015 7:15	0.01	0.08	0.01	0.8
7	1/18/2015 6:10	0.12	18.42	0.04	5.0
8	1/20/2015 12:40	0.01	0.08	0.01	1.5
9	1/21/2015 7:30	0.25	13.00	0.09	0.8
10	1/24/2015 17:55	0.22	38.42	0.04	2.9
11	1/29/2015 11:10	0.29	21.75	0.07	3.1
12	2/1/2015 3:40	0.75	28.25	0.11	1.8
13	2/3/2015 23:00	0.47	24.17	0.08	1.6
14	2/8/2015 22:50	0.06	1.67	0.04	4.0
15	2/11/2015 18:35	0.07	12.58	0.03	2.8
16	2/13/2015 21:50	0.23	17.25	0.06	1.6
17	2/18/2015 15:55	0.08	28.50	0.02	4.0
18	2/21/2015 6:15	0.37	10.17	0.08	1.4
19	2/22/2015 16:25	0.03	3.17	0.02	1.0
20	2/26/2015 10:45	0.02	1.92	0.01	3.6
21	3/1/2015 0:50	0.38	15.83	0.05	2.5
22	3/3/2015 9:05	0.18	10.25	0.05	1.7
23	3/10/2015 13:30	0.04	7.92	0.02	6.8
24	3/13/2015 17:10	0.52	15.25	0.08	2.8
25 26	3/25/2015 6:45 3/26/2015 6:10	0.14	3.50	0.09	10.9
	3/27/2015 6:15	0.52	8.33	0.14	0.8
27 28	3/30/2015 1:35		10.67 0.08	0.01	2.4
29	3/31/2015 3:05	0.01	5.92	0.10	1.1
30	4/2/2015 11:45	0.12	11.33	0.10	2.1
31	4/3/2015 16:20	0.36	11.33	0.15	0.7
32	4/6/2015 13:00	0.82	40.08	0.13	2.4
33	4/9/2015 6:50	0.82	26.17	0.23	1.1
34	4/10/2015 23:00	0.06	2.33	0.05	0.6
35	4/13/2015 18:05	0.09	2.25	0.05	2.7
36	4/16/2015 11:10	0.03	2.08	0.11	2.6
37	4/17/2015 1:35	0.13	0.92	0.11	0.5
38	4/19/2015 10:05	0.13	30.25	0.26	2.3
39	4/22/2015 0:50	0.25	31.67	0.06	1.4
40	4/27/2015 7:55	0.23	3.58	0.07	4.0
41	4/30/2015 7:50	0.11	0.08	0.01	3.4
71	-12012012 21.30	0.01	0.00	0.01	J. 4

FINAL A-43 April 21, 2016

		Morela	nd Hills Rair	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
42	5/4/2015 17:00	0.08	0.92	0.08	3.8
43	5/5/2015 9:10	0.18	1.00	0.18	0.6
44	5/5/2015 23:30	0.26	6.25	0.22	0.6
45	5/10/2015 0:05	0.13	0.58	0.13	3.8
46	5/11/2015 19:00	0.57	8.42	0.45	1.8
47	5/15/2015 9:40	0.30	15.58	0.10	3.3
48	5/18/2015 16:55	0.01	0.08	0.01	2.7
49	5/21/2015 2:50	0.01	0.08	0.01	2.4
50	5/22/2015 6:40	0.03	0.75	0.03	1.2
51	5/25/2015 15:40	0.01	0.08	0.01	3.3
52	5/26/2015 19:35	0.23	5.75	0.17	1.2
53	5/27/2015 18:35	1.24	11.42	0.63	0.7
54	5/30/2015 11:40	3.00	41.92	0.74	2.2
55	6/9/2015 4:40	0.04	1.33	0.03	8.0
56	6/10/2015 7:35	0.34	22.17	0.16	1.1
57	6/12/2015 15:05	2.09	16.92	0.85	1.4
58	6/14/2015 4:10	1.56	21.92	0.72	0.8
59	6/15/2015 14:35	2.23	18.42	1.28	0.5
60	6/18/2015 2:45	0.04	5.33	0.02	1.7
61	6/18/2015 21:20	0.06	0.67	0.06	0.6
62	6/20/2015 5:25	0.04	5.08	0.03	1.3
63	6/22/2015 17:20	1.46	15.25	0.70	2.3
64	6/25/2015 14:20	0.02	3.58	0.01	2.2
65	6/27/2015 0:55	2.49	36.42	0.55	1.3
66	6/29/2015 7:15	0.01	0.08	0.01	0.8
67	6/29/2015 21:35	0.08	1.00	0.08	0.6
68	6/30/2015 16:20	0.48	17.67	0.23	0.7
69	7/7/2015 15:20	0.93	15.50	0.58	6.2
70	7/9/2015 6:05	0.77	21.33	0.39	1.0
71	7/12/2015 17:45	0.38	10.08	0.17	2.6
72	7/14/2015 13:20	1.62	17.25	1.15	1.4
73	7/17/2015 9:30	0.01	0.08	0.01	2.1
74	7/21/2015 10:15	0.01	0.08	0.01	4.0
75	7/29/2015 21:10	0.01	0.08	0.01	8.5
76	8/3/2015 3:15	0.04	3.17	0.02	4.3
77	8/3/2015 20:50	0.01	0.08	0.01	0.6
78	8/10/2015 14:15	0.58	13.42	0.47	6.7
79	8/18/2015 14:50	0.44	0.58	0.44	7.5
80	8/20/2015 7:55	0.20	1.17	0.19	1.7
81	8/24/2015 1:40	0.01	0.08	0.01	3.7
82	8/26/2015 0:25	0.18	32.83	0.07	1.9

FINAL A-44 April 21, 2016

Start Date			Morela	nd Hills Rain	n Gauge	
83 8/29/2015 18:45 0.71 16.08 0.56 2.4 84 9/3/2015 18:10 0.83 11.17 0.77 4.3 85 9/9/2015 8:40 0.05 0.25 0.05 5.1 86 9/11/2015 14:20 2.68 32.33 0.45 2.2 87 9/19/2015 4:00 0.32 13.67 0.27 6.2 88 9/28/2015 4:15 0.03 2.67 0.02 8.4 89 9/29/2015 3:50 0.81 32.08 0.52 0.9 90 10/1/2015 10:25 0.01 0.08 0.01 0.9 91 10/3/2015 6:25 0.40 23.50 0.13 1.8 92 10/5/2015 5:55 0.01 0.08 0.01 1.0 93 10/9/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:55 0.41 5.75 0.16	Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
83 8/29/2015 18:45 0.71 16.08 0.56 2.4 84 9/3/2015 18:10 0.83 11.17 0.77 4.3 85 9/9/2015 8:40 0.05 0.25 0.05 5.1 86 9/11/2015 14:20 2.68 32.33 0.45 2.2 87 9/19/2015 4:00 0.32 13.67 0.27 6.2 88 9/28/2015 4:15 0.03 2.67 0.02 8.4 89 9/29/2015 3:50 0.81 32.08 0.52 0.9 90 10/1/2015 10:25 0.01 0.08 0.01 0.9 91 10/3/2015 6:25 0.40 23.50 0.13 1.8 92 10/5/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 2:05 0.06 1.00 0.06 3.3 95 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:35 0.41 5.75 0.16		Time	(In)	(Hrs)	•	-
84 9/3/2015 18:10 0.83 11.17 0.77 4.3 85 9/9/2015 8:40 0.05 0.25 0.05 5.1 86 9/11/2015 14:20 2.68 32.33 0.45 2.2 87 9/19/2015 4:00 0.32 13.67 0.27 6.2 88 9/28/2015 4:15 0.03 2.67 0.02 8.4 89 9/29/2015 3:50 0.81 32.08 0.52 0.9 90 10/1/2015 10:25 0.01 0.08 0.01 0.9 91 10/3/2015 6:25 0.40 23.50 0.13 1.8 92 10/5/2015 5:55 0.01 0.08 0.01 1.0 93 10/9/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:35 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04						(Days)
85 9/9/2015 8:40 0.05 0.25 0.05 5.1 86 9/11/2015 14:20 2.68 32.33 0.45 2.2 87 9/19/2015 4:00 0.32 13.67 0.27 6.2 88 9/28/2015 4:15 0.03 2.67 0.02 8.4 89 9/29/2015 3:50 0.81 32.08 0.52 0.9 90 10/1/2015 10:25 0.01 0.08 0.01 0.9 91 10/3/2015 6:25 0.40 23.50 0.13 1.8 92 10/5/2015 5:55 0.01 0.08 0.01 1.0 93 10/9/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01						
86 9/11/2015 14:20 2.68 32.33 0.45 2.2 87 9/19/2015 4:00 0.32 13.67 0.27 6.2 88 9/28/2015 4:15 0.03 2.67 0.02 8.4 89 9/29/2015 3:50 0.81 32.08 0.52 0.9 90 10/1/2015 10:25 0.01 0.08 0.01 0.9 91 10/3/2015 6:25 0.40 23.50 0.13 1.8 92 10/5/2015 5:55 0.01 0.08 0.01 1.0 93 10/9/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 1:05 0.06 1.00 0.06 3.3 95 10/13/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13						
87 9/19/2015 4:00 0.32 13.67 0.27 6.2 88 9/28/2015 4:15 0.03 2.67 0.02 8.4 89 9/29/2015 3:50 0.81 32.08 0.52 0.9 90 10/1/2015 10:25 0.01 0.08 0.01 0.9 91 10/3/2015 6:25 0.40 23.50 0.13 1.8 92 10/5/2015 5:55 0.01 0.08 0.01 1.0 93 10/9/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 1:05 0.06 1.00 0.06 3.3 95 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						
88 9/28/2015 4:15 0.03 2.67 0.02 8.4 89 9/29/2015 3:50 0.81 32.08 0.52 0.9 90 10/1/2015 10:25 0.01 0.08 0.01 0.9 91 10/3/2015 6:25 0.40 23.50 0.13 1.8 92 10/5/2015 5:55 0.01 0.08 0.01 1.0 93 10/9/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 1:05 0.06 1.00 0.06 3.3 95 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27	86					
89 9/29/2015 3:50 0.81 32.08 0.52 0.9 90 10/1/2015 10:25 0.01 0.08 0.01 0.9 91 10/3/2015 6:25 0.40 23.50 0.13 1.8 92 10/5/2015 5:55 0.01 0.08 0.01 1.0 93 10/9/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 1:05 0.06 1.00 0.06 3.3 95 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02	87			13.67	0.27	
90 10/1/2015 10:25 0.01 0.08 0.01 0.9 91 10/3/2015 6:25 0.40 23.50 0.13 1.8 92 10/5/2015 5:55 0.01 0.08 0.01 1.0 93 10/9/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 1:05 0.06 1.00 0.06 3.3 95 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03	88		0.03	2.67	0.02	8.4
91 10/3/2015 6:25 0.40 23.50 0.13 1.8 92 10/5/2015 5:55 0.01 0.08 0.01 1.0 93 10/9/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 1:05 0.06 1.00 0.06 3.3 95 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10	89	9/29/2015 3:50	0.81	32.08	0.52	0.9
92 10/5/2015 5:55 0.01 0.08 0.01 1.0 93 10/9/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 1:05 0.06 1.00 0.06 3.3 95 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 <th>90</th> <th>10/1/2015 10:25</th> <th>0.01</th> <th>0.08</th> <th>0.01</th> <th>0.9</th>	90	10/1/2015 10:25	0.01	0.08	0.01	0.9
93 10/9/2015 8:05 0.15 9.17 0.14 4.1 94 10/13/2015 1:05 0.06 1.00 0.06 3.3 95 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/13/2015 19:05 0.03 1.75 0.02	91	10/3/2015 6:25	0.40	23.50	0.13	1.8
94 10/13/2015 1:05 0.06 1.00 0.06 3.3 95 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0	92	10/5/2015 5:55	0.01	0.08	0.01	1.0
95 10/13/2015 23:20 0.18 15.42 0.05 0.9 96 10/15/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 <t< th=""><th>93</th><th>10/9/2015 8:05</th><th>0.15</th><th>9.17</th><th>0.14</th><th>4.1</th></t<>	93	10/9/2015 8:05	0.15	9.17	0.14	4.1
96 10/15/2015 18:55 0.41 5.75 0.16 1.2 97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17	94	10/13/2015 1:05	0.06	1.00	0.06	3.3
97 10/16/2015 13:30 0.18 38.00 0.04 0.5 98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17	95	10/13/2015 23:20	0.18	15.42	0.05	0.9
98 10/18/2015 18:30 0.01 0.08 0.01 0.6 99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08	96	10/15/2015 18:55	0.41	5.75	0.16	1.2
99 10/24/2015 19:05 0.21 1.92 0.13 6.0 100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	97	10/16/2015 13:30	0.18	38.00	0.04	0.5
100 10/27/2015 22:05 1.38 30.00 0.27 3.0 101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	98	10/18/2015 18:30	0.01	0.08	0.01	0.6
101 10/30/2015 4:05 0.04 3.42 0.02 1.0 102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	99	10/24/2015 19:05	0.21	1.92	0.13	6.0
102 11/1/2015 0:10 0.07 3.83 0.03 1.7 103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	100	10/27/2015 22:05	1.38	30.00	0.27	3.0
103 11/6/2015 2:50 0.22 7.00 0.09 5.0 104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	101	10/30/2015 4:05	0.04	3.42	0.02	1.0
104 11/10/2015 3:20 0.68 17.17 0.10 3.7 105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	102	11/1/2015 0:10	0.07	3.83	0.03	1.7
105 11/12/2015 2:35 0.23 13.00 0.13 1.3 106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	103	11/6/2015 2:50	0.22	7.00	0.09	5.0
106 11/13/2015 19:05 0.03 1.75 0.02 1.1 107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	104	11/10/2015 3:20	0.68	17.17	0.10	3.7
107 11/18/2015 18:25 0.15 10.42 0.10 4.9 108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	105	11/12/2015 2:35	0.23	13.00	0.13	1.3
108 11/21/2015 16:20 0.42 21.25 0.11 2.5 109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	106	11/13/2015 19:05	0.03	1.75	0.02	1.1
109 11/27/2015 11:20 0.66 25.17 0.10 4.9 110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	107	11/18/2015 18:25	0.15	10.42	0.10	4.9
110 12/1/2015 9:20 0.13 10.08 0.06 2.9 111 12/2/2015 17:55 0.19 13.08 0.12 0.9	108	11/21/2015 16:20	0.42	21.25	0.11	2.5
111 12/2/2015 17:55 0.19 13.08 0.12 0.9	109	11/27/2015 11:20	0.66	25.17	0.10	4.9
	110	12/1/2015 9:20	0.13	10.08	0.06	2.9
113 12/14/2015 11:25 0.08 10.75 0.04 11.2	111	12/2/2015 17:55	0.19	13.08	0.12	0.9
11.2 12/14/2013 11.23 0.06 10.73 0.04 11.2	112	12/14/2015 11:25	0.08	10.75	0.04	11.2
113 12/15/2015 18:25 0.01 0.08 0.01 0.8	113	12/15/2015 18:25	0.01	0.08	0.01	0.8
114 12/19/2015 7:55 0.06 1.33 0.05 3.6	114	12/19/2015 7:55	0.06	1.33	0.05	3.6
115 12/21/2015 9:00 0.73 22.42 0.29 2.0	115	12/21/2015 9:00	0.73	22.42	0.29	2.0
116 12/23/2015 12:25 0.28 11.08 0.19 1.2	116	12/23/2015 12:25	0.28	11.08	0.19	1.2
117 12/26/2015 17:45 1.61 20.58 0.36 2.8	117	12/26/2015 17:45	1.61	20.58	0.36	2.8
118 12/28/2015 12:10 0.39 19.33 0.10 0.9	118	12/28/2015 12:10	0.39	19.33	0.10	0.9

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		North C	Imsted Rair	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:00	1.68	33.08	0.27	2.5
2	1/6/2015 1:45	0.06	3.58	0.03	1.2
3	1/7/2015 5:45	0.01	0.08	0.01	1.0
4	1/9/2015 1:00	0.02	1.08	0.01	1.8
5	1/11/2015 20:05	0.36	16.42	0.07	2.8
6	1/18/2015 5:55	0.02	1.50	0.01	5.7
7	1/20/2015 10:50	0.01	0.08	0.01	2.1
8	1/21/2015 6:05	0.19	5.00	0.07	0.8
9	1/22/2015 10:55	0.01	0.08	0.01	1.0
10	1/25/2015 2:00	0.02	3.00	0.01	2.6
11	1/25/2015 19:45	0.04	11.58	0.01	0.6
12	1/29/2015 12:55	0.17	6.58	0.06	3.2
13	2/1/2015 3:15	0.80	34.17	0.12	2.3
14	2/3/2015 23:35	0.07	2.17	0.04	1.4
15	2/4/2015 14:20	0.04	3.17	0.02	0.5
16	2/5/2015 9:25	0.09	6.83	0.03	0.7
17	2/14/2015 4:45	0.14	8.58	0.08	8.5
18	2/21/2015 6:10	0.27	9.83	0.07	6.7
19	2/22/2015 18:10	0.02	6.08	0.01	1.1
20	3/1/2015 0:25	0.27	15.83	0.04	6.0
21	3/3/2015 9:05	0.10	7.08	0.04	1.7
22	3/10/2015 20:05	0.02	3.42	0.01	7.2
23	3/13/2015 16:55	0.45	14.92	0.08	2.7
24	3/25/2015 5:10	0.19	4.50	0.13	10.9
25	3/26/2015 5:30	0.56	7.75	0.18	0.8
26	3/30/2015 1:50	0.01	0.08	0.01	3.5
27	3/31/2015 2:45	0.06	4.17	0.05	1.0
28	4/2/2015 11:15	0.48	11.17	0.34	2.2
29	4/3/2015 16:05	0.38	10.67	0.15	0.7
30	4/6/2015 12:25	0.49	32.67	0.18	2.4
31	4/8/2015 12:50	0.01	0.08	0.01	0.7
32	4/9/2015 6:05	0.68	26.50	0.25	0.7
33	4/10/2015 22:40	0.06	0.83	0.06	0.6
34	4/13/2015 17:40	0.12	1.42	0.09	2.8
35	4/16/2015 18:45	0.12	7.00	0.11	3.0
36	4/19/2015 19:35	0.22	19.92	0.09	2.7
37	4/22/2015 0:35	0.03	0.83	0.03	1.4
38	4/23/2015 5:35	0.05	0.92	0.05	1.2
39	4/24/2015 6:15	0.01	0.08	0.01	1.0
40	4/25/2015 3:30	0.07	2.25	0.04	0.9
41	4/27/2015 8:15	0.03	0.92	0.03	2.1

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		North C	Imsted Rair	n Gauge	
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity	Antecedent Dry Period
42	5 /4 /204 F 4 C 20	0.04	0.00	(In/Hr)	(Days)
42	5/4/2015 16:30	0.01	0.08	0.01	7.3
43	5/5/2015 23:15	0.07	1.17	0.06	1.3
44	5/11/2015 18:05	0.21	5.08	0.14	5.7
45	5/15/2015 8:45	0.14	4.42	0.06	3.4
46	5/16/2015 8:00	0.01	0.08	0.01	0.8
47	5/17/2015 8:20	0.08	8.67	0.05	1.0
48	5/18/2015 15:50	0.01	0.08	0.01	1.0
49 50	5/26/2015 23:35 5/30/2015 18:20	0.41	23.42	0.17	8.3 2.8
51	6/8/2015 14:35	2.02	26.83 0.08	0.67 0.01	7.7
52	6/10/2015 6:45	0.01	4.92	0.01	1.7
53	6/12/2015 15:30	1.13	16.25		
54	6/14/2015 4:05	0.46	17.58	0.58 0.29	0.9
55	6/15/2015 14:10	1.23	18.08	0.68	0.9
56	6/18/2015 14:10	0.11	2.92	0.09	2.5
57	6/22/2015 17:20	1.47	14.75	0.61	3.8
58	6/25/2015 19:15	0.01	0.08	0.01	2.5
59	6/27/2015 2:30	2.98	11.58	0.81	1.3
60	6/28/2015 2:45	0.23	5.75	0.13	0.5
61	6/29/2015 12:50	0.23	1.33	0.03	1.2
62	6/30/2015 15:55	0.10	1.17	0.09	1.1
63	7/1/2015 7:30	0.10	3.33	0.02	0.6
64	7/7/2015 7:50	0.03	10.25	0.33	6.2
65	7/9/2015 5:10	1.14	16.17	0.47	1.2
66	7/12/2015 12:55	0.51	15.17	0.24	2.7
67	7/14/2015 14:15	0.11	0.83	0.11	1.4
68	7/17/2015 8:20	0.03	0.42	0.03	2.7
69	7/26/2015 1:05	0.04	2.25	0.02	8.7
70	7/29/2015 19:40	0.30	1.25	0.29	3.7
71	8/3/2015 1:20	0.53	4.58	0.23	4.2
72	8/10/2015 18:50	0.83	6.83	0.66	7.5
73	8/11/2015 21:10	0.31	0.75	0.31	0.8
74	8/14/2015 23:15	0.78	2.33	0.74	3.1
75	8/18/2015 13:15	0.06	0.25	0.06	3.5
76	8/19/2015 18:15	0.03	0.33	0.03	1.2
77	8/20/2015 6:45	0.04	0.67	0.04	0.5
78	8/23/2015 23:10	0.07	1.92	0.04	3.7
79	8/25/2015 23:45	0.06	3.83	0.03	1.9
80	8/26/2015 15:40	0.02	7.75	0.01	0.5
81	8/29/2015 19:50	0.45	16.75	0.16	2.9
82	9/1/2015 18:45	0.03	0.25	0.03	2.3

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		North C	Imsted Rai	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	9/2/2015 14:30	0.01	0.08	0.01	0.8
84	9/3/2015 22:15	1.68	10.08	0.66	1.3
85	9/9/2015 7:40	0.06	0.83	0.06	5.0
86	9/11/2015 16:25	1.84	29.50	0.40	2.3
87	9/19/2015 3:20	0.11	0.17	0.11	6.2
88	9/19/2015 17:10	0.01	0.08	0.01	0.6
89	9/23/2015 6:20	0.01	0.08	0.01	3.5
90	9/29/2015 4:50	0.24	20.17	0.08	5.9
91	10/3/2015 6:50	0.38	11.58	0.07	3.2
92	10/9/2015 7:45	0.07	5.33	0.06	5.6
93	10/14/2015 0:00	0.02	1.50	0.01	4.5
94	10/15/2015 0:15	0.01	0.08	0.01	1.0
95	10/15/2015 20:05	0.26	4.67	0.15	0.8
96	10/16/2015 17:00	0.13	3.50	0.07	0.7
97	10/17/2015 14:35	0.01	0.08	0.01	0.8
98	10/24/2015 18:40	0.15	4.67	0.12	7.2
99	10/27/2015 22:10	1.17	29.08	0.27	3.0
100	10/30/2015 20:05	0.01	0.08	0.01	1.7
101	11/1/2015 0:35	0.02	1.33	0.01	1.2
102	11/6/2015 2:10	0.24	4.50	0.15	5.0
103	11/7/2015 18:05	0.01	0.08	0.01	1.5
104	11/10/2015 2:00	1.00	16.42	0.24	2.3
105	11/12/2015 2:15	0.14	12.25	0.07	1.3
106	11/13/2015 18:10	0.04	0.25	0.04	1.2
107	11/18/2015 19:30	0.10	8.08	0.05	5.0
108	11/21/2015 17:30	0.17	7.58	0.06	2.6
109	11/27/2015 11:05	0.73	25.17	0.11	5.4
110	12/1/2015 14:40	0.15	5.00	0.07	3.1
111	12/2/2015 17:05	0.04	0.50	0.04	0.9
112	12/3/2015 6:10	0.01	0.08	0.01	0.5
113	12/14/2015 11:15	0.15	10.17	0.09	11.2
114	12/15/2015 16:25	0.02	1.42	0.01	0.8
115	12/21/2015 8:25	0.09	6.42	0.04	5.6
116	12/22/2015 3:25	0.22	3.25	0.15	0.5
117	12/23/2015 5:35	0.01	0.08	0.01	1.0
118	12/23/2015 21:45	0.17	1.42	0.14	0.7
119	12/25/2015 5:10	0.02	1.33	0.01	1.3
120	12/26/2015 16:45	1.41	20.83	0.26	1.4
121	12/28/2015 11:00	0.45	17.42	0.10	0.9

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		North R	oyalton Rai	n Gauge	
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity	Antecedent Dry Period
	1/0/0015 11 10			(In/Hr)	(Days)
1	1/3/2015 11:40	1.31	30.42	0.24	2.5
2	1/6/2015 1:40	0.06	3.92	0.02	1.3
3	1/7/2015 6:40	0.01	0.08	0.01	1.0
4	1/9/2015 0:55	0.02	4.83	0.01	1.8
5	1/11/2015 20:05	0.25	16.50	0.04	2.6
6	1/18/2015 6:00	0.06	15.67	0.02	5.7
7	1/20/2015 10:25	0.03	1.08	0.03	1.5
8	1/21/2015 6:00	0.18	7.25	0.08	0.8
9	1/22/2015 11:50	0.01	0.08	0.01	0.9
10	1/25/2015 4:25	0.07	27.42	0.02	2.7
11	1/29/2015 10:55	0.10	9.33	0.04	3.1
12	2/1/2015 2:40	0.64	21.33	0.10	2.3
13	2/3/2015 23:10	0.06	3.58	0.03	2.0
14	2/4/2015 15:45	0.21	7.50	0.07	0.5
15	2/8/2015 23:40	0.03	0.67	0.03	4.0
16	2/11/2015 21:30	0.01	0.08	0.01	2.9
17	2/14/2015 8:20	0.06	5.58	0.02	2.5
18	2/21/2015 6:50	0.20	9.50	0.05	6.7
19	3/1/2015 0:35	0.29	16.33	0.05	7.3
20	3/3/2015 10:30	0.12	8.17	0.06	1.7
21	3/9/2015 1:20	0.01	0.08	0.01	5.3
22	3/10/2015 13:05	0.08	13.00	0.02	1.5
23	3/13/2015 16:30	0.59	17.42	0.08	2.6
24	3/25/2015 6:35	0.13	3.42	0.08	10.9
25	3/26/2015 5:55	0.45	8.50	0.13	0.8
26	3/27/2015 17:00	0.01	0.08	0.01	1.1
27	3/30/2015 1:15	0.01	0.08	0.01	2.3
28	3/31/2015 2:30	0.06	5.08	0.04	1.1
29	4/2/2015 12:20	0.07	10.25	0.04	2.2
30	4/3/2015 15:55	0.38	11.50	0.16	0.7
31	4/6/2015 12:45	0.01	0.08	0.01	2.4
32	4/7/2015 1:30	0.76	23.33	0.42	0.5
33	4/9/2015 6:20	1.03	26.50	0.28	1.2
34	4/10/2015 23:35	0.01	0.08	0.01	0.6
35	4/13/2015 17:45	0.12	2.42	0.06	2.8
36	4/16/2015 10:55	0.04	1.08	0.03	2.6
37	4/17/2015 0:00	0.18	3.17	0.14	0.5
38	4/19/2015 19:40	0.27	17.33	0.13	2.7
39	4/22/2015 1:10	0.08	10.67	0.04	1.5
40	4/25/2015 3:55	0.07	5.00	0.04	2.7
41	4/27/2015 8:05	0.08	1.58	0.06	2.0

FINAL A-49 April 21, 2016

		North R	oyalton Rai	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
42	4/30/2015 23:40	0.01	0.08	(In/Hr) 0.01	(Days) 3.6
43	5/4/2015 17:05	0.01	0.67	0.01	3.7
44	5/5/2015 12:30	0.03	0.07	0.03	0.8
45	5/9/2015 23:20	0.01	9.33	0.01	4.5
46	5/11/2015 18:40	0.07	4.92	0.40	1.4
47	5/15/2015 9:35	0.52	11.42	0.40	3.4
48	5/17/2015 7:00	0.11	0.08	0.08	1.4
49	5/18/2015 14:30	0.01	0.08		1.3
50	5/26/2015 19:05	0.02	6.33	0.02	8.2
51	5/27/2015 18:40	0.19	7.75	0.28	0.7
52	5/30/2015 18:40	4.07	36.58	0.28	2.4
53 54	6/10/2015 7:30 6/12/2015 14:35	0.14 0.78	4.00 16.83	0.12	9.3
55	6/14/2015 2:55		19.25		
56	6/15/2015 14:55	0.59 1.19	18.25	0.47	0.8
57	6/18/2015 5:55	0.24	16.25	0.16	1.9
58	6/20/2015 9:00	0.24	0.50	0.06	1.5
59	6/21/2015 12:20	0.40	4.50	0.27	1.1
60	6/22/2015 17:55	0.40	12.42	0.26	1.0
61	6/25/2015 17:35	0.37	0.50	0.02	2.3
62	6/27/2015 1:15	1.65	32.83	0.37	1.5
63	6/29/2015 14:10	0.04	7.25	0.03	1.2
64	6/30/2015 15:45	0.04	1.25	0.18	0.8
65	7/1/2015 10:00	0.19	0.08	0.18	0.7
66	7/7/2015 15:05	0.01	6.08	0.28	6.2
67	7/9/2015 15:05	0.38	24.08	0.58	1.4
68	7/12/2015 21:05	0.92	5.75	0.03	2.6
69	7/14/2015 14:20	0.44	18.83	0.16	1.5
70	7/17/2015 14:20	0.09	10.92	0.05	2.0
71	7/19/2015 18:10	0.03	0.75	0.03	1.9
72	7/26/2015 8:50	0.01	0.08	0.01	6.6
73	7/29/2015 20:25	0.01	0.92	0.08	3.5
74	8/3/2015 2:50	0.08	3.50	0.04	4.2
75	8/10/2015 18:35	1.38	4.75	1.27	7.5
76	8/11/2015 21:40	0.16	0.75	0.16	0.9
77	8/18/2015 13:25	0.50	1.00	0.50	6.6
78	8/19/2015 18:50	0.01	0.08	0.01	1.2
79	8/20/2015 7:25	0.06	0.92	0.06	0.5
80	8/24/2015 1:20	0.01	0.08	0.01	3.7
81	8/26/2015 0:45	0.15	15.33	0.06	2.0
82	8/27/2015 9:10	0.01	0.08	0.01	0.7
	5, 2., 2015 5.10	0.01	0.00	0.01	5.7

FINAL A-50 April 21, 2016

		North R	oyalton Rai	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	8/30/2015 1:00	0.39	3.58	0.33	2.7
84	9/1/2015 17:45	0.41	0.83	0.41	2.6
85	9/2/2015 21:45	0.01	0.08	0.01	1.1
86	9/3/2015 18:20	1.15	14.83	0.27	0.9
87	9/6/2015 18:10	0.06	1.33	0.05	2.4
88	9/8/2015 14:45	0.01	0.08	0.01	1.8
89	9/11/2015 16:50	3.05	30.50	0.95	3.1
90	9/19/2015 3:15	0.09	12.50	0.06	6.2
91	9/29/2015 4:35	0.52	31.17	0.22	9.5
92	10/3/2015 6:05	0.44	20.83	0.09	2.8
93	10/9/2015 8:35	0.03	4.75	0.02	5.2
94	10/13/2015 0:35	0.10	0.25	0.10	3.5
95	10/14/2015 1:30	0.01	0.08	0.01	1.0
96	10/15/2015 19:50	0.38	9.25	0.19	1.8
97	10/16/2015 19:15	0.04	2.17	0.02	0.6
98	10/17/2015 10:15	0.01	0.08	0.01	0.5
99	10/24/2015 18:55	0.42	4.17	0.33	7.4
100	10/27/2015 21:55	1.45	29.67	0.32	3.0
101	10/30/2015 5:15	0.02	3.17	0.01	1.1
102	11/1/2015 0:40	0.03	2.75	0.01	1.7
103	11/6/2015 4:20	0.22	9.33	0.11	5.0
104	11/7/2015 19:40	0.02	0.42	0.02	1.3
105	11/10/2015 1:45	0.54	16.67	0.12	2.2
106	11/12/2015 2:10	0.22	12.67	0.11	1.3
107	11/13/2015 15:25	0.01	0.08	0.01	1.0
108	11/18/2015 17:35	0.10	8.08	0.07	5.1
109	11/21/2015 16:40	0.18	7.08	0.10	2.6
110	11/27/2015 11:15	0.70	26.08	0.11	5.5
111	12/1/2015 15:50	0.12	2.67	0.05	3.1
112	12/2/2015 17:15	0.02	0.50	0.02	1.0
113	12/14/2015 11:15	0.06	14.25	0.02	11.7
114	12/15/2015 17:50	0.01	0.08	0.01	0.7
115	12/21/2015 8:25	0.58	23.67	0.21	5.6
116	12/23/2015 5:45	0.01	0.08	0.01	0.9
117	12/23/2015 21:45	0.27	1.58	0.20	0.7
118	12/26/2015 17:15	1.63	20.92	0.54	2.8
119	12/28/2015 11:00	0.28	20.25	0.06	0.9

FINAL A-51 April 21, 2016

		Oakv	vood Rain G	auge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
1	1/2/2015 11:40	1 16	22.00	(In/Hr)	(Days) 2.5
2	1/3/2015 11:40 1/6/2015 2:05	1.46	33.08	0.30	1.2
3	1/7/2015 6:05	0.04	2.50 0.08	0.02	1.1
4	1/8/2015 21:45	0.01	4.08	0.01	1.7
5	1/11/2015 21:45	0.02	16.67	0.01	2.8
6	1/18/2015 6:20	0.24	5.75	0.04	5.7
7	1/20/2015 10:55	0.03	0.08	0.02	2.0
8	1/21/2015 7:05	0.01	7.83	0.01	0.8
9	1/24/2015 7:05	0.13	11.58	0.03	3.1
10	1/25/2015 17:35	0.04	11.75	0.03	0.7
11	1/29/2015 11:05	0.03	19.75	0.02	3.1
12	2/1/2015 3:35	0.16	20.75	0.04	1.9
13	2/3/2015 3:35	0.60	3.17	0.09	2.0
14	2/4/2015 15:45	0.18	6.50	0.04	0.5
15	2/8/2015 13:43	0.18	1.92	0.05	4.0
16	2/11/2015 21:25	0.07	1.58	0.03	2.9
17	2/14/2015 8:20	0.05	5.50	0.02	2.4
18	2/21/2015 6:55	0.22	8.50	0.02	6.7
19	3/1/2015 1:00	0.22	16.08	0.04	7.4
20	3/3/2015 10:15	0.23	8.25	0.04	1.7
21	3/10/2015 13:35	0.06	8.33	0.02	6.8
22	3/13/2015 17:10	0.58	16.92	0.10	2.8
23	3/25/2015 6:40	0.12	3.58	0.10	10.9
24	3/26/2015 5:55	0.49	9.17	0.12	0.8
25	3/30/2015 1:55	0.01	0.08	0.01	3.5
26	3/31/2015 3:00	0.07	5.17	0.06	1.0
27	4/2/2015 12:00	0.32	11.17	0.24	2.2
28	4/3/2015 16:15	0.37	10.50	0.19	0.7
29	4/6/2015 13:05	0.02	0.08	0.02	2.4
30	4/7/2015 1:40	0.57	27.92	0.22	0.5
31	4/9/2015 6:35	0.83	26.33	0.24	1.0
32	4/10/2015 23:30	0.03	0.92	0.03	0.6
33	4/13/2015 18:10	0.16	2.83	0.14	2.7
34	4/16/2015 11:15	0.34	15.92	0.18	2.6
35	4/19/2015 9:55	0.73	30.33	0.22	2.3
36	4/22/2015 0:20	0.09	2.75	0.05	1.3
37	4/23/2015 2:15	0.09	7.75	0.05	1.0
38	4/25/2015 5:55	0.01	0.08	0.01	1.8
39	4/27/2015 8:05	0.09	3.25	0.06	2.1
40	4/30/2015 21:25	0.02	0.92	0.02	3.4
41	5/4/2015 17:00	0.14	0.92	0.14	3.8

FINAL A-52 April 21, 2016

		Oakv	vood Rain G	iauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	5 /5 /2015 O 10	0.05	0.40	(In/Hr)	(Days)
42	5/5/2015 9:10	0.05	0.42	0.05	0.6
43	5/6/2015 6:25	0.01	0.08	0.01	0.9
44	5/9/2015 20:45	0.20	4.25	0.19	3.6
45	5/11/2015 19:00	0.43	8.42	0.29	1.8
46	5/15/2015 9:55	0.10	2.33	0.08	3.3
47	5/17/2015 7:20	0.01	0.08	0.01	1.8
48	5/18/2015 14:45	0.03	0.75	0.03	1.3
49	5/22/2015 7:25	0.01	0.08	0.01	3.7
50	5/26/2015 19:20	0.33	5.67	0.15	4.5
51	5/27/2015 18:55	0.78	4.42	0.51	0.8
52	5/30/2015 11:30	4.25	33.00	1.26	2.5
53	6/10/2015 7:45	0.27	4.58	0.18	9.5
54	6/11/2015 5:40	0.01	0.08	0.01	0.7
55	6/12/2015 14:40	2.63	17.00	1.31	1.4
56	6/14/2015 3:40	0.08	1.92	0.07	0.8
57	6/14/2015 19:55	0.22	2.50	0.19	0.6
58	6/15/2015 14:55	1.22	18.50	0.39	0.7
59	6/18/2015 5:40	0.01	0.08	0.01	1.8
60	6/18/2015 21:25	0.04	0.50	0.04	0.7
61	6/20/2015 9:05	0.06	1.08	0.05	1.5
62	6/21/2015 12:15	0.59	1.92	0.47	1.1
63	6/22/2015 18:00	2.08	14.83	0.94	1.2
64	6/25/2015 13:10	0.03	1.08	0.02	2.2
65	6/27/2015 1:40	2.41	35.75	0.69	1.5
66	6/29/2015 21:15	0.09	1.08	0.08	1.3
67	6/30/2015 16:10	0.36	9.08	0.29	0.7
68 69	7/7/2015 16:00 7/9/2015 6:05	0.35 0.79	9.75	0.19	6.6 1.2
70	7/12/2015 18:30		21.92	0.54	
71	7/14/2015 14:15	0.78 0.97	10.25 11.83	0.75	2.6 1.4
72	7/17/2015 14.15	0.97	12.17	0.73	2.3
73	7/17/2015 9.25	0.14	0.25	0.02	1.9
74	7/19/2015 18:20	0.02	0.23	0.02	1.7
75	7/29/2015 10:25	0.01	0.08	0.01	8.4
76	8/3/2015 6:10	0.03	0.23	0.03	4.4
77	8/10/2015 18:40	1.61	1.75	1.13	7.5
78	8/20/2015 8:00	0.13	1.42	0.12	9.5
79	8/24/2015 0:20	0.13	0.17	0.02	3.6
80	8/26/2015 0:40	0.02	32.58	0.02	2.0
81	8/29/2015 18:35	0.13	16.42	0.12	2.4
82	9/4/2015 0:35	0.22	8.42	0.12	4.6
02	5/4/2013 0.33	0.10	0.42	0.11	4.0

FINAL A-53 April 21, 2016

		Oakw	vood Rain G	Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	9/11/2015 14:50	2.41	32.00	0.52	7.2
84	9/19/2015 3:35	0.45	13.67	0.35	6.2
85	9/20/2015 9:10	0.01	0.08	0.01	0.7
86	9/28/2015 6:55	0.01	0.08	0.01	7.9
87	9/29/2015 8:20	0.64	22.83	0.43	1.1
88	10/3/2015 6:10	0.34	15.00	0.11	3.0
89	10/9/2015 8:30	0.03	5.00	0.02	5.5
90	10/14/2015 1:35	0.08	13.08	0.02	4.5
91	10/15/2015 19:15	0.28	5.00	0.15	1.2
92	10/16/2015 13:15	0.26	28.33	0.09	0.5
93	10/18/2015 15:25	0.01	0.08	0.01	0.9
94	10/24/2015 19:05	0.44	3.83	0.34	6.2
95	10/27/2015 22:00	1.27	30.00	0.27	3.0
96	10/30/2015 4:45	0.03	2.50	0.01	1.0
97	11/1/2015 0:25	0.04	3.33	0.02	1.7
98	11/6/2015 4:35	0.14	2.50	0.08	5.0
99	11/10/2015 2:45	0.64	25.25	0.12	3.8
100	11/12/2015 2:40	0.19	12.33	0.13	0.9
101	11/13/2015 22:45	0.01	0.08	0.01	1.3
102	11/18/2015 17:50	0.17	13.17	0.10	4.8
103	11/21/2015 17:45	0.18	6.92	0.08	2.5
104	11/22/2015 12:55	0.01	0.08	0.01	0.5
105	11/27/2015 11:30	0.60	25.42	0.08	4.9
106	12/1/2015 16:10	0.11	2.92	0.05	3.1
107	12/2/2015 17:30	0.04	0.83	0.04	0.9
108	12/3/2015 7:00	0.02	0.58	0.02	0.5
109	12/14/2015 11:25	0.07	10.75	0.02	11.2
110	12/15/2015 17:25	0.02	1.33	0.01	0.8
111	12/21/2015 8:50	0.72	23.42	0.33	5.6
112	12/23/2015 0:50	0.32	22.92	0.20	0.7
113	12/26/2015 17:35	1.91	20.00	0.46	2.7
114	12/28/2015 11:25	0.43	20.42	0.10	0.9

FINAL A-54 April 21, 2016

		Olmste	d Falls Rain	Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	. / . /			(In/Hr)	(Days)
1	1/3/2015 11:10	1.72	31.67	0.36	2.5
2	1/6/2015 1:30	0.08	5.00	0.03	1.3
3	1/9/2015 0:05	0.01	0.08	0.01	2.7
4	1/11/2015 20:00	0.40	21.00	0.07	2.8
5	1/18/2015 6:15	0.02	1.25	0.01	5.6
6	1/18/2015 20:40	0.02	7.83	0.01	0.6
7	1/20/2015 11:10	0.01	0.08	0.01	1.3
8	1/21/2015 6:05	0.20	6.92	0.07	0.8
9	1/22/2015 10:55	0.02	0.75	0.02	0.9
10	1/25/2015 4:45	0.01	0.08	0.01	2.7
11	1/25/2015 18:20	0.04	12.25	0.01	0.6
12	1/29/2015 12:55	0.18	16.42	0.07	3.3
13	2/1/2015 3:00	0.80	33.17	0.11	1.9
14	2/3/2015 23:20	0.08	3.42	0.04	1.5
15	2/4/2015 15:45	0.23	7.42	0.07	0.5
16	2/11/2015 20:50	0.03	5.42	0.02	6.9
17	2/14/2015 8:05	0.12	5.25	0.07	2.2
18	2/16/2015 20:10	0.01	0.08	0.01	2.3
19	2/21/2015 6:20	0.28	9.00	0.07	4.4
20	2/22/2015 17:50	0.02	6.67	0.01	1.1
21	3/1/2015 0:25	0.35	15.75	0.05	6.0
22	3/3/2015 8:45	0.11	7.42	0.05	1.7
23	3/10/2015 15:25	0.02	5.00	0.01	7.0
24	3/13/2015 16:30	0.46	15.50	0.08	2.8
25	3/25/2015 6:10	0.21	3.67	0.13	10.9
26	3/26/2015 5:30	0.60	7.67	0.18	0.8
27	3/27/2015 15:25	0.01	0.08	0.01	1.1
28	3/30/2015 1:10	0.01	0.08	0.01	2.4
29 30	3/31/2015 2:45 4/2/2015 11:45	0.04	0.75 10.75	0.04	2.3
31 32	4/3/2015 16:05 4/6/2015 12:35	0.37 0.48	10.67 35.83	0.15 0.19	0.7 2.4
33	4/9/2015 12:35	0.46	25.92	0.19	1.3
34	4/10/2015 22:50	0.03	0.67	0.03	0.6
35	4/13/2015 17:35	0.03	1.92	0.08	2.8
36	4/16/2015 17:33	0.12	14.42	0.07	3.2
37	4/19/2015 19:35	0.11	19.67	0.08	2.2
38	4/22/2015 0:55	0.03	0.92	0.03	1.4
39	4/23/2015 9:15	0.03	0.92	0.03	1.3
40	4/25/2015 3:15	0.12	3.00	0.05	1.8
41	4/27/2015 8:20	0.12	0.75	0.03	2.1
41	4/2//2013 0.20	0.03	0.73	0.03	۷.1

FINAL A-55 April 21, 2016

		Olmste	d Falls Rain	Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
42	5/4/2015 16:30	0.02	1.33	0.01	7.3
43	5/10/2015 17:55	0.06	0.17	0.06	6.0
44	5/11/2015 18:05	0.70	10.25	0.61	1.0
45	5/15/2015 9:05	0.21	23.58	0.11	3.2
46	5/17/2015 8:30	0.02	8.25	0.01	1.0
47	5/26/2015 23:30	0.07	1.83	0.06	9.3
48	5/27/2015 18:15	0.56	4.75	0.33	0.7
49	5/30/2015 18:20	2.02	26.67	0.57	2.8
50	6/8/2015 14:30	0.01	0.08	0.01	7.7
51	6/9/2015 5:50	0.01	0.08	0.01	0.6
52	6/10/2015 7:15	0.14	3.92	0.10	1.1
53	6/11/2015 4:55	0.04	0.92	0.04	0.7
54	6/12/2015 14:40	1.01	15.67	0.72	1.4
55	6/14/2015 3:50	0.04	0.92	0.04	0.9
56	6/14/2015 19:40	0.22	2.33	0.20	0.6
57	6/15/2015 14:45	1.12	22.25	0.52	0.7
58	6/18/2015 18:15	0.42	3.83	0.34	2.2
59	6/21/2015 12:15	0.44	4.00	0.28	2.6
60	6/22/2015 17:15	0.98	15.00	0.44	1.0
61	6/25/2015 19:20	0.01	0.08	0.01	2.5
62	6/27/2015 2:35	2.51	11.42	0.98	1.3
63	6/28/2015 2:35	0.16	5.75	0.07	0.5
64	6/29/2015 13:05	0.04	5.08	0.02	1.2
65	6/30/2015 15:50	0.22	8.33	0.11	0.9
66	7/7/2015 14:10	0.92	11.25	0.60	6.6
67	7/9/2015 5:15	1.16	10.17	0.55	1.2
68	7/12/2015 20:00	0.02	3.92	0.01	3.2
69	7/14/2015 13:30	0.28	11.50	0.21	1.6
70	7/17/2015 8:40	0.03	0.33	0.03	2.3
71	7/29/2015 19:35	0.35	2.25	0.34	12.4
72	8/3/2015 1:50	0.18	1.75	0.14	4.2
73	8/10/2015 18:45	0.46	1.08	0.46	7.6
74	8/14/2015 23:40	0.59	5.42	0.56	4.2
75	8/18/2015 17:40	0.01	0.08	0.01	3.5
76	8/19/2015 19:25	0.02	11.50	0.01	1.1
77	8/26/2015 3:50	0.01	0.08	0.01	5.9
78	9/29/2015 5:10	0.01	0.08	0.01	34.1
79	9/29/2015 17:45	0.29	7.75	0.12	0.5
80	10/3/2015 7:25	0.32	20.17	0.07	3.3
81	10/9/2015 8:00	0.09	5.17	0.08	5.2
82	10/15/2015 20:10	0.24	3.83	0.15	6.3

FINAL A-56 April 21, 2016

		Olmste	d Falls Rain	Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	10/18/2015 10:00	0.01	0.08	0.01	2.4
84	10/24/2015 18:35	0.21	1.75	0.16	6.4
85	10/27/2015 22:10	1.20	29.00	0.29	3.1
86	11/1/2015 0:15	0.01	0.08	0.01	2.9
87	11/6/2015 2:10	0.31	4.67	0.18	5.1
88	11/10/2015 1:55	0.87	15.58	0.21	3.8
89	11/12/2015 2:20	0.12	11.92	0.08	1.4
90	11/13/2015 15:05	0.01	0.08	0.01	1.0
91	11/18/2015 19:45	0.05	7.58	0.03	5.2
92	11/21/2015 17:35	0.15	6.00	0.06	2.6
93	11/27/2015 11:00	0.64	25.58	0.10	5.5
94	12/1/2015 14:50	0.12	3.17	0.06	3.1
95	12/2/2015 17:00	0.04	0.58	0.04	1.0
96	12/14/2015 11:15	0.09	10.25	0.03	11.7
97	12/21/2015 8:15	0.50	24.25	0.25	6.5
98	12/23/2015 21:40	0.27	1.58	0.23	1.6
99	12/25/2015 6:50	0.01	0.08	0.01	1.3
100	12/26/2015 17:05	1.64	17.00	0.33	1.4
101	12/28/2015 10:40	0.46	17.83	0.11	1.0
102	12/30/2015 1:05	0.01	0.08	0.01	0.9

FINAL A-57 April 21, 2016

		Par	ma Rain Ga	uge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:35	1.64	31.83	0.34	2.5
2	1/6/2015 11:55	0.06	1.83	0.05	1.7
3	1/18/2015 5:55	0.05	6.08	0.02	11.7
4	1/20/2015 11:50	0.01	0.08	0.01	2.0
5	1/21/2015 6:55	0.14	4.33	0.05	0.8
6	1/22/2015 11:35	0.01	0.08	0.01	1.0
7	1/25/2015 5:00	0.08	27.92	0.02	2.7
8	1/29/2015 13:30	0.11	17.25	0.04	3.2
9	2/1/2015 3:40	0.61	21.08	0.10	1.9
10	2/3/2015 23:15	0.07	3.75	0.04	1.9
11	2/4/2015 15:40	0.21	8.08	0.07	0.5
12	2/11/2015 21:20	0.01	0.08	0.01	6.9
13	2/14/2015 8:15	0.08	5.25	0.03	2.5
14	2/18/2015 19:40	0.02	10.00	0.01	4.3
15	2/21/2015 6:25	0.23	9.92	0.05	2.0
16	3/1/2015 0:45	0.21	12.92	0.05	7.4
17	3/3/2015 10:05	0.08	6.08	0.04	1.9
18	3/10/2015 15:40	0.04	12.50	0.02	7.0
19	3/13/2015 17:10	0.49	15.00	0.09	2.5
20	3/25/2015 6:35	0.15	3.42	0.11	10.9
21	3/26/2015 5:40	0.53	8.50	0.17	0.8
22	3/31/2015 2:30	0.08	4.67	0.06	4.5
23	4/2/2015 12:10	0.35	10.58	0.27	2.2
24	4/3/2015 16:05	0.38	11.17	0.17	0.7
25	4/6/2015 12:50	0.02	0.17	0.02	2.4
26	4/7/2015 3:05	0.53	21.33	0.16	0.6
27	4/8/2015 14:00	0.01	0.08	0.01	0.6
28	4/9/2015 6:40	0.61	26.25	0.25	0.7
29	4/10/2015 22:50	0.04	0.83	0.04	0.6
30	4/13/2015 17:45	0.10	2.17	0.06	2.8
31	4/16/2015 19:40	0.08	6.92	0.06	3.0
32	4/19/2015 11:20	0.28	28.25	0.14	2.4
33	4/22/2015 0:50	0.05	1.50	0.04	1.4
34	4/23/2015 5:50	0.07	3.58	0.04	1.1
35	4/25/2015 3:50	0.04	1.75	0.02	1.8
36	4/27/2015 8:00	0.08	1.58	0.06	2.1
37	5/1/2015 0:10	0.01	0.08	0.01	3.6
38	5/4/2015 17:20	0.01	0.08	0.01	3.7
39	5/15/2015 9:30	0.14	11.33	0.10	10.7
40	5/26/2015 23:35	0.09	0.92	0.09	11.1
41	5/27/2015 19:10	0.47	2.42	0.29	0.8

FINAL A-58 April 21, 2016

		Par	ma Rain Ga	uge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
42	5/30/2015 17:35	2.78	31.83	0.99	2.8
43	6/10/2015 7:15	0.28	4.67	0.21	9.2
44	6/11/2015 5:15	0.01	0.08	0.01	0.7
45	6/12/2015 15:25	1.57	23.50	0.67	1.4
46	6/14/2015 3:20	0.30	18.67	0.19	0.5
47	6/15/2015 12:45	0.78	20.33	0.22	0.6
48	6/18/2015 21:05	0.05	0.75	0.05	2.5
49	6/20/2015 9:20	0.04	0.33	0.04	1.5
50	6/21/2015 12:10	0.05	2.42	0.03	1.1
51	6/22/2015 17:45	1.20	14.83	0.79	1.1
52	6/25/2015 18:15	0.01	0.08	0.01	2.4
53	6/27/2015 1:15	1.79	32.58	0.43	1.3
54	6/29/2015 17:05	0.03	7.83	0.01	1.3
55	6/30/2015 16:00	0.96	9.33	0.58	0.6
56	7/7/2015 15:30	0.66	10.50	0.55	6.6
57	7/9/2015 5:35	1.07	9.92	0.64	1.2
58	7/12/2015 19:10	0.18	15.17	0.08	3.2
59	7/14/2015 14:10	0.38	19.33	0.17	1.2
60	7/17/2015 9:05	0.02	11.92	0.01	2.0
61	7/21/2015 10:05	0.01	0.08	0.01	3.5
62	7/29/2015 20:45	0.01	0.08	0.01	8.4
63	8/3/2015 2:20	0.16	3.75	0.10	4.2
64	8/10/2015 19:00	1.12	9.58	1.10	7.5
65	8/11/2015 22:05	0.01	0.08	0.01	0.7
66	8/15/2015 0:00	0.04	2.25	0.02	3.1
67	8/18/2015 13:55	0.14	0.67	0.14	3.5
68	8/19/2015 17:45	0.02	1.25	0.01	1.1
69	8/20/2015 7:15	0.04	0.58	0.04	0.5
70	8/26/2015 1:25	0.11	26.58	0.03	5.7
71	8/30/2015 0:55	0.89	9.42	0.74	2.9
72	9/1/2015 18:15	0.04	0.58	0.04	2.3
73	9/3/2015 18:40	1.02	15.00	0.41	2.0
74	9/11/2015 19:15	2.96	27.50	0.62	7.4
75	9/19/2015 4:00	0.19	12.92	0.17	6.2
76	9/29/2015 13:40	0.39	22.17	0.16	9.9
77	10/3/2015 6:25	0.49	28.67	0.09	2.8
78	10/9/2015 8:10	0.07	5.08	0.05	4.9
79	10/14/2015 1:30	0.03	0.83	0.03	4.5
80	10/15/2015 19:55	0.26	4.08	0.16	1.7
81	10/16/2015 17:20	0.07	2.17	0.04	0.7
82	10/18/2015 9:30	0.03	0.50	0.03	1.6

FINAL A-59 April 21, 2016

		Par	ma Rain Ga	uge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	10/24/2015 18:55	0.18	1.58	0.13	6.4
84	10/27/2015 22:25	1.22	29.17	0.26	3.1
85	11/1/2015 0:15	0.03	3.00	0.01	2.9
86	11/6/2015 3:40	0.23	5.83	0.14	5.0
87	11/7/2015 18:25	0.01	0.08	0.01	1.4
88	11/10/2015 1:55	0.59	18.92	0.13	2.3
89	11/12/2015 2:25	0.14	12.67	0.05	1.2
90	11/13/2015 18:25	0.01	0.08	0.01	1.1
91	11/18/2015 18:05	0.08	8.33	0.04	5.0
92	11/21/2015 17:45	0.15	7.17	0.05	2.6
93	11/27/2015 11:20	0.72	25.42	0.10	5.4
94	12/1/2015 15:25	0.13	2.92	0.06	3.1
95	12/2/2015 17:20	0.13	19.33	0.10	1.0
96	12/14/2015 11:15	0.06	12.00	0.03	10.9
97	12/15/2015 17:15	0.02	0.42	0.02	0.8
98	12/21/2015 8:50	0.48	23.92	0.20	5.6
99	12/23/2015 21:50	0.28	1.50	0.22	1.5
100	12/25/2015 7:00	0.01	0.08	0.01	1.3
101	12/26/2015 17:30	1.35	20.83	0.35	1.4
102	12/28/2015 12:15	0.33	16.75	0.09	0.9

FINAL A-60 April 21, 2016

		Richt	field Rain Ga	auge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:35	1.40	31.00	0.28	2.5
2	1/6/2015 1:55	0.07	4.67	0.03	1.3
3	1/9/2015 0:20	0.02	6.50	0.01	2.7
4	1/11/2015 20:15	0.25	16.25	0.05	2.6
5	1/18/2015 6:00	0.10	19.08	0.03	5.7
6	1/20/2015 10:35	0.03	1.25	0.02	1.4
7	1/21/2015 6:35	0.17	4.17	0.07	0.8
8	1/25/2015 1:50	0.10	27.33	0.01	3.6
9	1/29/2015 10:50	0.15	9.83	0.04	3.2
10	2/1/2015 3:25	0.68	21.83	0.10	2.3
11	2/3/2015 23:30	0.05	3.17	0.03	1.9
12	2/4/2015 15:55	0.14	7.17	0.06	0.6
13	2/8/2015 22:55	0.06	1.17	0.05	4.0
14	2/11/2015 19:15	0.02	4.58	0.01	2.8
15	2/14/2015 8:30	0.06	10.25	0.03	2.4
16	2/21/2015 7:20	0.21	9.33	0.06	6.5
17	3/1/2015 0:50	0.32	16.08	0.06	7.3
18	3/3/2015 11:35	0.13	4.92	0.07	1.8
19	3/4/2015 11:25	0.01	0.08	0.01	0.8
20	3/6/2015 0:45	0.01	0.08	0.01	1.6
21	3/9/2015 0:50	0.03	0.67	0.03	3.0
22	3/10/2015 11:45	0.17	10.17	0.06	1.4
23	3/13/2015 16:15	0.73	16.25	0.11	2.8
24	3/25/2015 6:10	0.18	4.00	0.12	10.9
25	3/26/2015 7:00	0.47	8.00	0.14	0.9
26	3/30/2015 1:10	0.02	0.50	0.02	3.4
27	3/31/2015 2:45	0.03	1.00	0.03	1.0
28	4/2/2015 11:40	0.29	11.83	0.11	2.3
29	4/3/2015 16:15	0.51	10.58	0.24	0.7
30	4/6/2015 12:35	0.63	35.75	0.30	2.4
31	4/8/2015 12:55	0.02	0.17	0.02	0.5
32	4/9/2015 6:25	1.13	26.58	0.36	0.7
33	4/10/2015 23:45	0.01	0.08	0.01	0.6
34	4/13/2015 17:55	0.29	4.42	0.15	2.8
35	4/16/2015 10:50	0.18	16.58	0.10	2.5
36	4/19/2015 9:25	0.54	30.67	0.20	2.3
37	4/22/2015 1:25	0.08	1.50	0.07	1.4
38	4/25/2015 3:40	0.11	4.75	0.07	3.0
39	4/27/2015 8:25	0.06	3.92	0.03	2.0
40	4/30/2015 23:00	0.01	0.08	0.01	3.4
41	5/4/2015 17:15	0.10	0.50	0.10	3.8

FINAL A-61 April 21, 2016

		Richt	field Rain G	auge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
42	E /E /201E C-20	0.01	0.00	(In/Hr)	(Days)
42	5/5/2015 6:20	0.01	0.08	0.01	0.5
43	5/9/2015 23:45	0.16	2.67	0.15	4.7 1.7
44	5/11/2015 19:00	0.29	7.83	0.16	
45 46	5/15/2015 9:50 5/17/2015 5:15	0.11	29.17 1.75	0.06	3.3 0.6
47	5/18/2015 14:50	0.02	0.17	0.01	1.3
47	5/26/2015 19:05	0.02	5.17	0.33	8.2
49	5/27/2015 19:55	0.57	10.58	0.33	0.8
50	5/30/2015 13:15	2.96	32.08	0.77	2.3
51	6/10/2015 7:50	0.03	0.17	0.03	9.4
52	6/12/2015 14:40	0.03	16.92	0.37	2.3
53	6/13/2015 14:40	0.61	26.33	0.36	0.5
54	6/15/2015 19:00	0.46	14.50	0.25	0.9
55	6/17/2015 12:00	0.02	0.83	0.02	1.1
56	6/18/2015 4:20	0.55	17.58	0.02	0.6
57	6/20/2015 8:35	0.13	1.17	0.12	1.4
58	6/21/2015 12:25	0.11	4.08	0.09	1.1
59	6/23/2015 6:15	0.13	1.25	0.12	1.6
60	6/25/2015 12:40	0.04	2.17	0.03	2.2
61	6/27/2015 1:55	2.57	34.25	0.82	1.5
62	6/29/2015 12:35	0.14	9.33	0.10	1.0
63	6/30/2015 15:40	0.59	9.17	0.31	0.7
64	7/7/2015 16:05	0.37	6.08	0.35	6.6
65	7/9/2015 6:20	0.64	9.67	0.47	1.3
66	7/10/2015 5:50	0.02	0.58	0.02	0.6
67	7/12/2015 13:55	0.36	13.58	0.30	2.3
68	7/14/2015 14:10	0.86	18.50	0.79	1.4
69	7/17/2015 9:10	0.11	12.42	0.07	2.0
70	7/19/2015 16:55	0.08	1.92	0.05	1.8
71	7/26/2015 3:05	0.01	0.08	0.01	6.3
72	7/29/2015 20:55	0.02	0.75	0.02	3.7
73	8/3/2015 6:00	0.02	0.42	0.02	4.4
74	8/10/2015 19:10	1.14	7.92	1.12	7.5
75	8/11/2015 21:50	0.14	2.75	0.13	0.8
76	8/19/2015 18:20	0.08	0.50	0.08	7.7
77	8/20/2015 7:45	0.09	1.58	0.08	0.5
78	8/24/2015 1:05	0.02	0.58	0.02	3.7
79	8/26/2015 1:45	0.05	13.50	0.02	2.0
80	8/30/2015 1:25	0.24	3.50	0.12	3.4
81	9/3/2015 18:05	0.84	15.25	0.39	4.6
82	9/11/2015 18:35	1.97	28.67	0.34	7.4

FINAL A-62 April 21, 2016

		Richt	field Rain G	auge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	9/19/2015 15:25	0.47	0.58	0.47	6.7
84	9/28/2015 6:05	0.02	1.67	0.01	8.6
85	9/29/2015 6:45	0.41	27.58	0.09	1.0
86	10/3/2015 6:05	0.34	23.50	0.09	2.8
87	10/9/2015 8:15	0.04	5.33	0.03	5.1
88	10/14/2015 3:30	0.01	0.08	0.01	4.6
89	10/15/2015 20:10	0.39	4.08	0.20	1.7
90	10/16/2015 21:00	0.04	0.67	0.04	0.9
91	10/18/2015 11:20	0.01	0.08	0.01	1.6
92	10/22/2015 12:55	0.01	0.08	0.01	4.1
93	10/24/2015 19:00	0.47	8.92	0.33	2.3
94	10/27/2015 21:35	1.35	30.92	0.24	2.7
95	10/30/2015 6:55	0.01	0.08	0.01	1.1
96	11/1/2015 0:35	0.05	2.75	0.04	1.7
97	11/6/2015 4:10	0.22	6.33	0.11	5.0
98	11/10/2015 1:50	0.56	16.25	0.13	3.6
99	11/12/2015 2:25	0.20	14.67	0.11	1.4
100	11/18/2015 17:30	0.09	8.25	0.06	6.0
101	11/21/2015 17:30	0.15	2.17	0.08	2.7
102	11/27/2015 11:10	0.79	25.83	0.11	5.6
103	12/1/2015 9:20	0.15	32.33	0.05	2.9
104	12/14/2015 11:25	0.12	14.17	0.02	11.7
105	12/15/2015 18:55	0.01	0.08	0.01	0.7
106	12/21/2015 8:55	0.72	23.33	0.30	5.6
107	12/23/2015 12:00	0.35	11.42	0.26	1.2
108	12/26/2015 17:05	2.40	20.83	0.43	2.7
109	12/28/2015 10:55	0.41	26.00	0.10	0.9
110	12/31/2015 5:50	0.02	0.25	0.02	1.7

FINAL A-63 April 21, 2016

		Shaker I	Heights Rair	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:50	1.52	38.92	0.35	2.5
2	1/6/2015 2:10	0.04	2.25	0.02	1.0
3	1/7/2015 5:35	0.01	0.08	0.01	1.1
4	1/8/2015 21:15	0.02	4.75	0.01	1.7
5	1/11/2015 20:20	0.34	16.83	0.06	2.8
6	1/18/2015 6:15	0.07	8.33	0.03	5.7
7	1/21/2015 7:05	0.17	10.25	0.06	2.7
8	1/24/2015 18:35	0.08	11.08	0.06	3.1
9	1/25/2015 23:35	0.03	7.58	0.01	0.8
10	1/29/2015 13:00	0.14	16.17	0.04	3.2
11	2/1/2015 3:45	0.65	28.00	0.09	1.9
12	2/3/2015 23:20	0.11	4.33	0.05	1.7
13	2/4/2015 15:40	0.25	6.83	0.07	0.5
14	2/9/2015 0:05	0.01	0.08	0.01	4.1
15	2/11/2015 20:00	0.01	0.08	0.01	2.8
16	2/14/2015 7:40	0.12	6.50	0.04	2.5
17	2/19/2015 19:25	0.01	0.08	0.01	5.2
18	2/21/2015 6:20	0.33	10.50	0.09	1.5
19	2/22/2015 19:00	0.01	0.08	0.01	1.1
20	3/1/2015 0:55	0.26	16.17	0.04	6.2
21	3/3/2015 9:20	0.13	7.08	0.05	1.7
22	3/10/2015 15:45	0.03	6.50	0.01	7.0
23	3/13/2015 17:15	0.51	16.67	0.08	2.8
24	3/25/2015 8:25	0.10	2.08	0.08	10.9
25	3/26/2015 6:00	0.50	8.42	0.15	0.8
26	3/30/2015 1:35	0.01	0.08	0.01	3.5
27	3/31/2015 3:05	0.09	5.83	0.07	1.1
28	4/2/2015 12:00	0.24	10.92	0.15	2.1
29	4/3/2015 16:15	0.36	11.25	0.13	0.7
30	4/6/2015 12:55	0.79	39.58	0.23	2.4
31	4/9/2015 6:30	0.71	26.42	0.23	1.1
32	4/10/2015 22:50	0.07	4.83	0.06	0.6
33	4/13/2015 17:50	0.07	2.08	0.04	2.6
34	4/14/2015 14:20	0.01	0.08	0.01	0.8
35	4/16/2015 11:35	0.15	14.75	0.09	1.9
36	4/19/2015 10:15	0.41	27.00	0.18	2.3
37	4/22/2015 0:40	0.04	1.50	0.03	1.5
38	4/22/2015 23:55	0.09	2.25	0.05	0.9
39	4/27/2015 7:50	0.10	9.67	0.07	4.2
40	5/4/2015 16:45	0.04	0.42	0.04	7.0
41	5/5/2015 9:45	0.05	0.25	0.05	0.7

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		Shaker I	Heights Raii	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	- /- /			(In/Hr)	(Days)
42	5/5/2015 23:15	0.38	1.58	0.29	0.6
43	5/9/2015 23:45	0.17	0.42	0.17	4.0
44	5/11/2015 18:55	0.57	13.75	0.50	1.8
45	5/15/2015 9:35	0.26	15.25	0.15	3.0
46	5/16/2015 15:30	0.01	0.08	0.01	0.6
47	5/17/2015 7:10	0.04	2.92	0.02	0.7
48	5/18/2015 16:30	0.03	0.17	0.03	1.3
49	5/22/2015 7:15	0.01	0.08	0.01	3.6
50	5/26/2015 19:30	0.19	5.83	0.14	4.5
51	5/27/2015 18:30	0.73	4.33	0.44	0.7
52	5/30/2015 17:50	3.17	34.75	1.28	2.8
53	6/9/2015 4:20	0.04	2.33	0.02	8.0
54	6/10/2015 7:30	0.40	21.92	0.20	1.0
55	6/12/2015 15:05 6/14/2015 3:55	1.70	16.92	0.51	1.4
56 57	6/15/2015 13:15	0.85 1.67	19.92 19.58	0.41 1.00	0.8
58	6/18/2015 3:20 6/18/2015 18:25	0.02	0.42	0.02	1.8
59 60	6/20/2015 6:10	0.05	3.50	0.04	0.6 1.3
61	6/22/2015 17:50	1.38	3.75 13.75	0.01	2.3
62	6/25/2015 14:05	0.03	5.33	0.02	2.3
63	6/27/2015 3:05	2.96	33.83	0.89	1.3
64	6/29/2015 14:45	0.05	9.58	0.03	1.1
65	6/30/2015 16:30	0.38	14.08	0.22	0.7
66	7/7/2015 14:55	0.63	10.83	0.53	6.4
67	7/9/2015 14:55	0.82	22.83	0.35	1.2
68	7/12/2015 17:45	0.58	10.50	0.29	2.6
69	7/14/2015 14:45	0.16	16.08	0.11	1.4
70	7/17/2015 9:00	0.01	0.08	0.01	2.1
71	7/21/2015 10:05	0.01	0.08	0.01	4.0
72	7/29/2015 20:45	0.02	0.17	0.02	8.4
73	8/3/2015 1:40	0.17	4.58	0.09	4.2
74	8/3/2015 20:35	0.03	0.33	0.03	0.6
75	8/10/2015 18:45	0.43	1.33	0.39	6.9
76	8/15/2015 0:55	0.01	0.08	0.01	4.2
77	8/18/2015 14:35	0.11	0.92	0.11	3.6
78	8/19/2015 19:40	0.08	13.42	0.06	1.2
79	8/26/2015 0:00	0.24	32.67	0.09	5.6
80	8/29/2015 19:10	0.54	15.25	0.21	2.4
81	9/3/2015 18:10	0.18	11.50	0.09	4.3
82	9/9/2015 8:35	0.02	0.25	0.02	5.1

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		Shaker	Heights Rai	n Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	- 1 - 1 - 1 - 1 - 1 - 1			(In/Hr)	(Days)
83	9/11/2015 16:20	2.73	39.58	0.54	2.3
84	9/19/2015 3:35	0.36	12.50	0.20	5.8
85	9/29/2015 8:10	0.42	27.00	0.20	9.7
86	10/3/2015 6:20	0.34	24.08	0.09	2.8
87	10/9/2015 7:55	0.09	1.25	0.08	5.1
88	10/13/2015 22:45	0.24	15.83	0.10	4.6
89	10/15/2015 19:00	0.27	4.92	0.12	1.2
90	10/16/2015 13:15	0.03	5.67	0.02	0.6
91	10/17/2015 15:45	0.03	2.08	0.02	0.9
92	10/24/2015 19:00	0.18	3.42	0.10	7.1
93	10/27/2015 22:10	1.30	29.92	0.29	3.0
94	10/30/2015 4:20	0.03	1.92	0.02	1.0
95	10/31/2015 23:30	0.05	4.08	0.03	1.7
96	11/6/2015 4:00	0.21	3.17	0.14	5.0
97	11/10/2015 2:45	0.67	18.50	0.13	3.8
98	11/12/2015 3:40	0.09	10.92	0.04	1.3
99	11/13/2015 18:35	0.02	0.67	0.02	1.2
100	11/18/2015 17:40	0.12	8.25	0.09	4.9
101	11/21/2015 16:00	0.30	22.33	0.08	2.6
102	11/27/2015 11:40	0.60	24.67	0.09	4.9
103	12/1/2015 9:55	0.09	8.42	0.05	2.9
104	12/2/2015 17:40	0.13	13.50	0.11	1.0
105	12/14/2015 11:05	0.07	10.75	0.03	11.2
106	12/15/2015 16:20	0.01	0.08	0.01	0.8
107	12/19/2015 8:05	0.02	1.25	0.01	3.7
108	12/21/2015 9:05	0.49	22.08	0.24	2.0
109	12/23/2015 12:20	0.25	11.50	0.17	1.2
110	12/26/2015 17:40	1.37	20.67	0.34	2.7
111	12/28/2015 10:05	0.37	20.67	0.09	0.8

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		Southerly	y WWTC Ra	in Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:50	1.80	31.75	0.43	2.5
2	1/5/2015 8:00	0.03	0.67	0.03	0.5
3	1/6/2015 1:55	0.06	2.25	0.05	0.7
4	1/7/2015 5:35	0.05	0.50	0.05	1.1
5	1/11/2015 20:15	0.43	16.83	0.08	4.6
6	1/18/2015 6:00	0.06	6.33	0.03	5.7
7	1/21/2015 7:00	0.16	8.83	0.06	2.8
8	1/25/2015 4:05	0.02	1.25	0.01	3.5
9	1/25/2015 18:40	0.06	10.00	0.02	0.6
10	1/29/2015 13:15	0.16	14.92	0.05	3.4
11	2/1/2015 3:30	0.82	27.58	0.11	2.0
12	2/4/2015 0:00	0.05	3.17	0.03	1.7
13	2/4/2015 15:30	0.21	6.58	0.07	0.5
14	2/11/2015 21:15	0.01	0.08	0.01	7.0
15	2/14/2015 8:05	0.07	5.25	0.03	2.5
16	2/18/2015 19:20	0.03	10.83	0.02	4.3
17	2/21/2015 6:50	0.23	8.92	0.06	2.0
18	3/1/2015 1:00	0.24	16.17	0.04	7.4
19	3/3/2015 9:15	0.08	7.00	0.04	1.7
20	3/10/2015 15:35	0.04	12.42	0.02	7.0
21	3/13/2015 17:10	0.52	15.42	0.10	2.6
22	3/25/2015 6:45	0.12	5.83	0.08	10.9
23	3/26/2015 5:50	0.51	6.92	0.16	0.7
24	3/27/2015 15:25	0.02	1.17	0.01	1.1
25	3/31/2015 2:50	0.07	3.92	0.06	3.4
26	4/2/2015 11:40	0.35	11.08	0.25	2.2
27	4/3/2015 16:15	0.37	11.08	0.17	0.7
28	4/6/2015 12:55	0.02	2.00	0.01	2.4
29	4/7/2015 3:10	0.74	31.33	0.22	0.5
30	4/9/2015 6:40	0.54	25.92	0.24	0.8
31	4/10/2015 22:40	0.04	1.00	0.04	0.6
32	4/13/2015 17:45	0.15	2.67	0.09	2.8
33	4/16/2015 21:05	0.10	5.08	0.09	3.0
34	4/19/2015 10:10	0.22	11.17	0.14	2.3
35	4/20/2015 12:40	0.10	2.92	0.06	0.6
36	4/22/2015 0:40	0.06	1.83	0.05	1.4
37	4/23/2015 2:00	0.13	6.83	0.07	1.0
38	4/27/2015 7:55	0.06	1.75	0.04	4.0
39	5/4/2015 16:45	0.03	2.08	0.02	7.3
40	5/5/2015 23:30	0.19	2.75	0.17	1.2
41	5/9/2015 23:40	0.07	0.25	0.07	3.9

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		Southerly	y WWTC Ra	in Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	5/44/2045 40 50	0.46	4.67	(In/Hr)	(Days)
42	5/11/2015 18:50	0.46	4.67	0.42	1.8
43	5/15/2015 9:30	0.13	12.92	0.06	3.4
44	5/16/2015 15:20	0.01	0.08	0.01	0.7
45	5/22/2015 7:15	0.01	0.08	0.01	5.7
46	5/26/2015 23:30	0.12	2.58	0.11	4.7
47	5/27/2015 18:35	0.54	3.42	0.29	0.7
48	5/30/2015 17:15	3.75	32.08	1.85	2.8
49	6/9/2015 4:10	0.11	2.17	0.09	8.1
50	6/10/2015 6:45	0.25	18.83	0.10	1.0
51	6/12/2015 14:45	2.13	16.67	1.07	1.6
52	6/14/2015 3:30	0.82	18.83	0.48	0.8
53	6/15/2015 14:30	1.35	18.50	0.50	0.7
54	6/18/2015 21:20	0.04	0.58	0.04	2.5
55	6/20/2015 9:30	0.03	0.33	0.03	1.5
56	6/22/2015 17:40	1.61	14.50	0.89	2.3
57	6/25/2015 17:40	0.01	0.08	0.01	2.4
58	6/27/2015 1:00	2.04	32.33	0.48	1.3
59	6/29/2015 23:55	0.01	0.08	0.01	1.6
60	6/30/2015 16:10	0.61	15.00	0.27	0.7
61	7/7/2015 14:35	1.09	11.42	0.68	6.3
62	7/9/2015 5:40	0.81	9.58	0.37	1.2
63	7/10/2015 3:55	0.01	0.08	0.01	0.5
64	7/12/2015 17:40	0.49	10.50	0.18	2.6
65	7/14/2015 13:20	0.23	18.83	0.12	1.4
66	7/17/2015 10:45	0.01	0.08	0.01	2.1
67	7/29/2015 20:50	0.02	2.50	0.01	12.4
68 69	8/3/2015 1:50 8/10/2015 18:40	0.17 0.78	4.42	0.10 0.76	7.5
70	8/15/2015 2:00		4.83	0.76	4.1
71	8/18/2015 13:55	0.01	0.08 1.25	0.12	3.5
72	8/19/2015 17:45	0.13	0.25	0.04	1.1
73	8/20/2015 7:20	0.04	0.23	0.05	0.6
74	8/25/2015 23:55	0.03	31.75	0.10	5.7
75	8/29/2015 20:10	0.40	14.25	0.28	2.5
76	9/4/2015 0:05	0.40	10.75	0.16	4.6
77	9/9/2015 8:10	0.08	1.00	0.08	4.9
78	9/11/2015 16:55	3.02	30.08	0.98	2.3
79	9/19/2015 3:25	0.28	13.42	0.15	6.2
80	9/29/2015 13:15	0.71	22.08	0.30	9.9
81	10/3/2015 6:40	0.71	14.08	0.09	2.8
82	10/6/2015 10:10	0.01	0.08	0.03	2.6
U2	10, 0, 2013 10.10	0.01	0.00	0.01	2.0

FINAL A-68 April 21, 2016

Southerly WWTC Rain Gauge								
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent			
	Time	(In)	(Hrs)	Intensity	Dry Period			
				(In/Hr)	(Days)			
83	10/9/2015 7:55	0.10	3.00	0.09	2.9			
84	10/14/2015 1:00	0.17	13.42	0.08	4.6			
85	10/15/2015 18:55	0.27	5.17	0.15	1.2			
86	10/16/2015 12:50	0.28	7.25	0.26	0.5			
87	10/17/2015 16:30	0.02	1.00	0.02	0.9			
88	10/24/2015 19:00	0.12	2.00	0.09	7.1			
89	10/27/2015 22:35	0.86	23.92	0.21	3.1			
90	10/30/2015 4:40	0.01	0.08	0.01	1.3			
91	10/31/2015 23:20	0.02	1.50	0.01	1.8			
92	11/6/2015 4:00	0.17	5.50	0.10	5.1			
93	11/10/2015 2:20	0.55	17.42	0.12	3.7			
94	11/12/2015 2:30	0.09	12.08	0.04	1.3			
95	11/13/2015 18:10	0.01	0.08	0.01	1.2			
96	11/18/2015 17:45	0.04	7.92	0.03	5.0			
97	11/21/2015 17:30	0.25	11.75	0.09	2.7			
98	11/27/2015 13:20	0.59	23.00	0.10	5.3			
99	12/1/2015 15:50	0.08	2.17	0.05	3.1			
100	12/2/2015 17:30	0.11	0.42	0.11	1.0			
101	12/3/2015 5:55	0.03	1.08	0.03	0.5			
102	12/14/2015 11:30	0.04	10.42	0.02	11.2			
103	12/21/2015 9:10	0.03	0.67	0.03	6.5			
104	12/22/2015 2:40	0.38	4.58	0.19	0.7			
105	12/23/2015 21:55	0.24	1.50	0.19	1.6			
106	12/26/2015 17:35	1.34	20.83	0.32	2.8			
107	12/28/2015 12:30	0.26	17.25	0.08	0.9			

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		South	Euclid Rain	Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:45	1.64	38.75	0.26	2.5
2	1/6/2015 2:25	0.04	8.83	0.02	1.0
3	1/11/2015 20:20	0.29	16.58	0.05	5.4
4	1/18/2015 6:15	0.07	6.75	0.04	5.7
5	1/21/2015 7:50	0.18	9.50	0.07	2.8
6	1/24/2015 17:45	0.07	12.75	0.04	3.0
7	1/29/2015 10:55	0.16	9.25	0.06	4.2
8	2/1/2015 4:00	0.89	25.50	0.11	2.3
9	2/3/2015 23:50	0.30	22.33	0.06	1.8
10	2/11/2015 19:25	0.01	0.08	0.01	6.9
11	2/14/2015 7:40	0.08	4.08	0.05	2.5
12	2/21/2015 6:45	0.24	9.58	0.05	6.8
13	2/22/2015 18:30	0.02	1.17	0.01	1.1
14	3/1/2015 1:15	0.25	15.83	0.03	6.2
15	3/3/2015 9:20	0.13	6.92	0.05	1.7
16	3/10/2015 19:45	0.02	0.58	0.02	7.1
17	3/13/2015 17:45	0.40	16.08	0.08	2.9
18	3/25/2015 6:45	0.14	4.08	0.10	10.9
19	3/26/2015 5:50	0.55	8.92	0.15	0.8
20	3/31/2015 3:20	0.09	6.50	0.08	4.5
21	4/2/2015 11:55	0.34	10.92	0.22	2.1
22	4/3/2015 17:40	0.46	9.92	0.16	0.8
23	4/6/2015 12:55	0.60	49.33	0.10	2.4
24	4/9/2015 6:35	0.75	26.17	0.27	0.7
25	4/10/2015 22:50	80.0	2.33	0.06	0.6
26	4/13/2015 18:00	0.09	2.08	0.05	2.7
27	4/16/2015 11:30	0.15	14.75	0.07	2.6
28	4/19/2015 10:30	0.46	29.33	0.15	2.3
29 30	4/22/2015 0:25 4/22/2015 23:30	0.02	1.75	0.01	1.4 0.9
	<u> </u>		0.08		
31 32	4/27/2015 8:10 5/4/2015 16:40	0.02	0.58 1.08	0.02	7.3
33	5/5/2015 10:00				0.7
34	5/5/2015 10:00	0.01	2.33	0.01	0.7
35	5/10/2015 0:00	0.09	1.83	0.09	4.0
36	5/11/2015 18:40	0.10	6.92	0.46	1.7
37	5/15/2015 9:30	0.34	15.67	0.40	3.3
38	5/16/2015 16:00	0.33	0.08	0.01	0.6
39	5/17/2015 7:30	0.01	3.08	0.17	0.6
40	5/22/2015 6:35	0.03	0.67	0.03	4.8
41	5/26/2015 19:35	0.03	7.25	0.15	4.5
41	2/20/2013 13:33	0.23	1.23	0.13	4.3

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		South	Euclid Rain	Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
42	F/27/201F 19:20	0.40	Г 2Г	(In/Hr)	(Days)
42	5/27/2015 18:30	0.48	5.25	0.28	0.7
43	5/30/2015 13:20	3.39	40.58	1.22	2.6
44	6/8/2015 14:15	0.05	0.75	0.05	7.4
45	6/9/2015 4:25	0.03	0.75	0.03	0.6
46	6/10/2015 7:10	0.54	18.08	0.38	1.1
47	6/12/2015 14:50	1.26	17.25	0.36	1.6
48	6/14/2015 4:05	0.90	19.58	0.60	0.8
49	6/15/2015 19:00	1.24	13.67	0.75	0.8
50	6/18/2015 3:20	0.01	0.08	0.01	1.8
51	6/18/2015 21:15	0.04	0.83	0.04	0.7
52	6/20/2015 9:35	0.04	0.25	0.04	1.5
53	6/21/2015 15:05	0.07	0.58	0.07	1.2
54	6/22/2015 17:50	1.45	12.67	0.96	1.1
55	6/25/2015 15:00	0.05	3.17	0.04	2.4
56	6/27/2015 2:35	2.27	34.58	0.67	1.4
57	6/29/2015 22:40	0.02	0.58	0.02	1.4
58	6/30/2015 16:40	0.28	12.58	0.11	0.7
59	7/7/2015 14:50	0.70	10.75	0.54	6.4
60	7/9/2015 5:45	1.23	10.83	0.60	1.2
61	7/12/2015 17:30	0.43	11.25	0.23	3.0
62	7/14/2015 12:25	0.68	18.75	0.60	1.3
63	7/17/2015 9:00	0.01	0.08	0.01	2.1
64	7/19/2015 17:20	0.02	0.17	0.02	2.3
65	7/29/2015 20:40	0.16	4.25	0.13	10.1
66	8/3/2015 1:40	0.32	4.58	0.20	4.0
67	8/3/2015 20:20	0.37	0.83	0.37	0.6
68	8/10/2015 19:10	0.08	3.50	0.07	6.9
69	8/11/2015 18:55	0.06	0.17	0.06	0.8
70	8/14/2015 23:25	0.13	3.33	0.07	3.2
71	8/18/2015 14:55	0.06	0.83	0.06	3.5
72	8/19/2015 18:30	0.01	0.08	0.01	1.1
73	8/20/2015 7:30	0.19	2.00	0.17	0.5
74	8/25/2015 4:15	0.02	1.33	0.01	4.8
75	8/25/2015 22:30	0.36	33.00	0.14	0.7
76	8/29/2015 20:15	0.52	20.33	0.31	2.5
77	9/4/2015 0:55	0.07	10.67	0.06	4.4
78	9/11/2015 17:15	2.19	27.67	0.39	7.2
79	9/19/2015 3:25	0.37	12.25	0.27	6.3
80	9/29/2015 7:55	0.84	27.00	0.55	9.7
81	10/3/2015 7:50	0.45	22.67	0.09	2.9
82	10/9/2015 6:00	0.04	2.17	0.03	5.0

FINAL A-71 April 21, 2016

		South	Euclid Rain	Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	10/13/2015 18:40	0.54	19.17	0.28	4.4
84	10/15/2015 19:10	0.27	4.67	0.14	1.2
85	10/16/2015 17:05	0.04	1.67	0.03	0.7
86	10/17/2015 15:10	0.04	18.25	0.01	0.9
87	10/24/2015 19:00	0.18	10.67	0.14	6.4
88	10/27/2015 23:25	1.19	28.33	0.28	2.7
89	10/30/2015 3:50	0.06	2.58	0.05	1.0
90	10/31/2015 23:55	0.05	3.08	0.03	1.7
91	11/2/2015 9:30	0.01	0.08	0.01	1.3
92	11/6/2015 3:00	0.28	7.00	0.14	3.7
93	11/10/2015 2:55	0.69	20.42	0.12	3.7
94	11/12/2015 2:45	0.07	11.00	0.03	1.1
95	11/13/2015 18:00	0.02	1.92	0.01	1.2
96	11/18/2015 17:50	0.04	8.17	0.02	4.9
97	11/21/2015 6:00	0.40	34.50	0.09	2.2
98	11/23/2015 10:15	0.02	3.67	0.01	0.7
99	11/24/2015 6:40	0.01	0.08	0.01	0.7
100	11/27/2015 11:30	0.61	24.83	0.09	3.2
101	12/1/2015 15:55	0.11	2.33	0.05	3.2
102	12/2/2015 17:55	0.15	13.58	0.06	1.0
103	12/14/2015 11:20	0.07	10.75	0.03	11.2
104	12/16/2015 5:15	0.01	0.08	0.01	1.3
105	12/19/2015 15:00	0.01	0.08	0.01	3.4
106	12/20/2015 10:15	0.03	2.58	0.02	0.8
107	12/21/2015 1:15	0.06	11.50	0.04	0.5
108	12/22/2015 3:10	0.36	4.00	0.20	0.6
109	12/23/2015 6:50	0.01	0.08	0.01	1.0
110	12/23/2015 21:55	0.22	1.67	0.15	0.6
111	12/25/2015 6:45	0.01	0.08	0.01	1.3
112	12/26/2015 17:45	1.64	20.50	0.43	1.5
113	12/28/2015 10:15	0.52	25.92	0.14	0.8

FINAL A-72 April 21, 2016

	Sti	rongsville	'C' WWTP	Rain Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:30	1.48	33.25	0.21	2.5
2	1/6/2015 1:35	0.08	4.42	0.03	1.2
3	1/7/2015 5:55	0.02	0.75	0.02	1.0
4	1/8/2015 21:35	0.04	8.75	0.01	1.6
5	1/11/2015 19:50	0.40	17.17	0.08	2.6
6	1/18/2015 5:50	0.07	15.67	0.03	5.7
7	1/20/2015 10:35	0.03	2.42	0.02	1.5
8	1/21/2015 6:20	0.21	9.08	0.07	0.7
9	1/22/2015 11:25	0.01	0.08	0.01	0.8
10	1/25/2015 0:50	0.15	30.75	0.03	2.6
11	1/29/2015 10:35	0.18	10.25	0.06	3.1
12	2/1/2015 2:50	0.84	33.42	0.11	2.3
13	2/3/2015 23:05	0.09	4.25	0.04	1.5
14	2/4/2015 15:40	0.28	7.42	0.09	0.5
15	2/11/2015 18:25	0.05	11.75	0.02	6.8
16	2/14/2015 7:55	0.19	11.25	0.08	2.1
17	2/18/2015 19:25	0.02	0.67	0.02	4.0
18	2/21/2015 6:20	0.29	10.33	0.07	2.4
19	2/22/2015 18:25	0.02	6.25	0.01	1.1
20	2/27/2015 9:45	0.01	0.08	0.01	4.4
21	3/1/2015 0:30	0.38	15.75	0.06	1.6
22	3/3/2015 8:45	0.14	7.67	0.05	1.7
23	3/10/2015 13:25	0.06	7.75	0.03	6.9
24	3/13/2015 16:20	0.58	15.75	0.08	2.8
25	3/25/2015 6:15	0.20	7.92	0.14	10.9
26	3/26/2015 5:35	0.64	8.50	0.19	0.6
27	3/27/2015 15:30	0.02	8.92	0.01	1.1
28	3/30/2015 1:15	0.01	0.08	0.01	2.0
29	3/31/2015 2:25	0.07	5.42	0.05	1.0
30	4/2/2015 12:00	0.22	10.67	0.14	2.2
31	4/3/2015 16:00	0.44	10.92	0.18	0.7
32	4/6/2015 12:25	0.04	0.50	0.04	2.4
33	4/7/2015 2:55	0.58	21.00	0.23	0.6
34	4/9/2015 6:05	0.73	26.67	0.28	1.3
35	4/10/2015 22:45	0.03	0.75	0.03	0.6
36	4/13/2015 17:40	0.18	2.25	0.09	2.8
37	4/16/2015 10:55	0.18	15.75	0.13	2.6
38	4/19/2015 19:40	0.27	19.75	0.14	2.7
39	4/22/2015 0:55	0.08	1.50	0.06	1.4
40	4/25/2015 3:20	0.11	2.50	0.06	3.0
41	4/27/2015 7:55	0.08	1.83	0.05	2.1

FINAL A-73 April 21, 2016

	Sti	ongsville	'C' WWTP	Rain Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
42	5/1/2015 3:10	0.01	0.08	0.01	3.7
43	5/4/2015 16:55	0.02	1.08	0.01	3.6
44	5/11/2015 18:20	0.48	8.58	0.41	7.0
45	5/15/2015 9:30	0.06	12.33	0.02	3.3
46	5/17/2015 0:20	0.01	0.08	0.01	1.1
47	5/26/2015 19:05	0.77	26.50	0.39	9.8
48	5/30/2015 16:55	2.45	32.75	0.84	2.8
49	6/5/2015 5:30	0.01	0.08	0.01	4.2
50	6/10/2015 7:00	0.26	4.50	0.21	5.1
51	6/12/2015 14:40	1.55	16.00	1.04	2.1
52	6/14/2015 2:55	0.26	19.00	0.14	0.8
53	6/15/2015 14:50	1.32	18.50	0.56	0.7
54	6/18/2015 18:35	0.25	5.00	0.20	2.4
55	6/20/2015 9:10	0.03	0.33	0.03	1.4
56	6/21/2015 12:15	0.66	4.17	0.32	1.1
57	6/22/2015 17:20	0.57	15.08	0.39	1.0
58	6/25/2015 12:55	0.02	1.33	0.01	2.2
59	6/27/2015 1:55	1.97	31.75	0.50	1.5
60	6/29/2015 13:45	0.04	11.08	0.01	1.2
61	6/30/2015 15:55	0.33	9.67	0.18	0.6
62	7/7/2015 14:20	0.96	11.42	0.65	6.5
63	7/9/2015 5:30	1.13	10.17	0.63	1.2
64	7/12/2015 18:50	0.12	9.58	0.06	3.1
65	7/14/2015 14:05	0.35	19.25	0.26	1.4
66	7/17/2015 8:55	0.04	10.42	0.02	2.0
67	7/19/2015 17:50	0.02	0.33	0.02	1.9
68	7/26/2015 1:15	0.01	0.08	0.01	6.3
69	7/29/2015 19:55	0.50	1.75	0.49	3.8
70	8/3/2015 2:10	0.20	3.92	0.10	4.2
71	8/10/2015 18:40	1.10	7.67	1.00	7.5
72	8/11/2015 21:20	0.34	5.08	0.33	0.8
73	8/15/2015 0:15	0.02	1.25	0.01	2.9
74	8/18/2015 14:15	0.02	1.83	0.01	3.5
75	8/19/2015 17:00	0.02	1.75	0.01	1.0
76	8/20/2015 7:00	0.07	0.50	0.07	0.5
77	8/26/2015 0:20	0.09	24.58	0.03	5.7
78	8/30/2015 0:40	0.76	4.08	0.62	3.0
79	9/1/2015 18:15	0.09	0.58	0.09	2.6
80	9/2/2015 21:20	0.02	0.17	0.02	1.1
81	9/3/2015 23:25	1.56	9.50	0.60	1.1
82	9/8/2015 13:50	0.02	0.17	0.02	4.2

FINAL A-74 April 21, 2016

	Str	ongsville	c 'C' WWTP	Rain Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	9/9/2015 8:15	0.01	0.08	0.01	0.8
84	9/11/2015 16:40	2.80	29.25	0.56	2.4
85	9/13/2015 11:50	0.01	0.08	0.01	0.6
86	9/19/2015 3:55	0.18	11.58	0.17	5.7
87	9/29/2015 7:25	0.31	18.08	0.07	9.7
88	9/30/2015 14:45	0.01	0.08	0.01	0.6
89	10/3/2015 6:50	0.42	11.58	0.08	2.7
90	10/9/2015 8:10	0.05	8.92	0.02	5.6
91	10/15/2015 19:55	0.28	9.17	0.16	6.1
92	10/16/2015 19:05	0.03	0.42	0.03	0.6
93	10/17/2015 14:55	0.01	0.08	0.01	0.8
94	10/24/2015 18:45	0.22	1.75	0.16	7.2
95	10/27/2015 21:45	1.32	29.83	0.28	3.1
96	10/30/2015 12:20	0.01	0.08	0.01	1.4
97	11/1/2015 0:40	0.02	2.42	0.01	1.5
98	11/6/2015 2:40	0.27	4.17	0.17	5.0
99	11/7/2015 18:25	0.02	3.83	0.01	1.5
100	11/10/2015 1:50	0.81	16.42	0.16	2.2
101	11/12/2015 2:15	0.16	12.33	0.08	1.3
102	11/13/2015 15:15	0.02	3.25	0.01	1.0
103	11/18/2015 17:55	0.11	18.00	0.07	5.0
104	11/21/2015 17:05	0.19	7.42	0.07	2.2
105	11/27/2015 11:10	0.82	25.83	0.10	5.4
106	12/1/2015 13:50	0.16	4.33	0.07	3.0
107	12/2/2015 17:05	0.08	1.33	0.07	1.0
108	12/3/2015 6:35	0.01	0.08	0.01	0.5
109	12/14/2015 11:15	0.09	11.08	0.04	11.2
110	12/15/2015 18:15	0.01	0.08	0.01	0.8
111	12/18/2015 18:30	0.01	0.08	0.01	3.0
112	12/21/2015 8:30	0.46	24.08	0.18	2.6
113	12/23/2015 9:25	0.01	0.08	0.01	1.0
114	12/23/2015 21:45	0.29	1.58	0.23	0.5
115	12/25/2015 6:50	0.01	0.08	0.01	1.3
116	12/26/2015 17:10	1.55	21.00	0.47	1.4
117	12/28/2015 12:05	0.33	16.33	0.09	0.9

FINAL A-75 April 21, 2016

		Strongsv	ille Foltz Ra	in Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
1	1/3/2015 11:35	1.45	31.17	0.27	2.5
2	1/6/2015 1:35	0.07	4.33	0.03	1.3
3	1/8/2015 20:10	0.04	6.50	0.02	2.6
4	1/11/2015 20:00	0.32	17.00	0.06	2.7
5	1/18/2015 5:50	0.08	15.67	0.03	5.7
6	1/20/2015 10:10	0.04	1.08	0.03	1.5
7	1/21/2015 5:55	0.18	4.75	0.07	0.8
8	1/22/2015 10:55	0.02	1.25	0.01	1.0
9	1/24/2015 18:05	0.08	32.75	0.02	2.3
10	1/29/2015 10:40	0.18	18.67	0.07	3.3
11	2/1/2015 2:55	0.63	22.00	0.11	1.9
12	2/3/2015 23:15	0.06	1.50	0.04	1.9
13	2/4/2015 15:40	0.21	7.33	0.07	0.6
14	2/8/2015 23:35	0.02	0.75	0.02	4.0
15	2/11/2015 21:15	0.01	0.08	0.01	2.9
16	2/14/2015 7:25	0.06	4.58	0.03	2.4
17	2/21/2015 6:00	0.26	9.58	0.06	6.8
18	2/22/2015 18:30	0.01	0.08	0.01	1.1
19	3/1/2015 0:25	0.35	17.00	0.06	6.2
20	3/3/2015 10:45	0.13	7.33	0.06	1.7
21	3/9/2015 0:45	0.02	0.50	0.02	5.3
22	3/10/2015 13:00	0.09	15.17	0.03	1.5
23	3/13/2015 16:20	0.61	15.75	0.09	2.5
24	3/25/2015 6:20	0.19	3.58	0.13	10.9
25	3/26/2015 5:30	0.61	8.92	0.17	0.8
26	3/30/2015 0:50	0.02	0.50	0.02	3.4
27	3/31/2015 2:45	0.04	4.50	0.03	1.1
28	4/2/2015 12:00	0.14	10.58	0.06	2.2
29	4/3/2015 15:55	0.46	10.58	0.19	0.7
30	4/6/2015 12:25	0.71	36.08	0.28	2.4
31	4/9/2015 6:00	0.82	26.75	0.23	1.2
32	4/10/2015 23:15	0.02	0.83	0.02	0.6
33	4/13/2015 18:40	0.08	1.17	0.07	2.8
34	4/16/2015 11:15	0.26	15.50	0.22	2.6
35	4/19/2015 10:15	0.29	29.17	0.11	2.3
36	4/22/2015 1:00	0.12	10.58	0.06	1.4
37	4/25/2015 2:40	0.13	3.33	0.06	2.6
38	4/27/2015 8:15	0.05	1.50	0.04	2.1
39	5/1/2015 0:00	0.01	0.08	0.01	3.6
40	5/5/2015 0:40	0.01	0.08	0.01	4.0
41	5/11/2015 18:30	0.99	4.92	0.89	6.7

FINAL A-76 April 21, 2016

		Strongsv	ille Foltz Ra	in Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
42	5/15/2015 9:20	0.16	26.83	0.08	3.4
43	5/26/2015 23:20	0.11	2.00	0.10	10.5
44	5/27/2015 18:25	0.70	3.83	0.44	0.7
45	5/30/2015 12:40	3.09	34.75	0.72	2.6
46	6/5/2015 6:30	0.01	0.08	0.01	4.3
47	6/10/2015 7:35	0.01	0.08	0.01	5.0
48	6/12/2015 15:35	0.29	15.58	0.09	2.3
49	6/14/2015 2:35	1.11	54.50	0.28	0.8
50	6/18/2015 5:50	0.50	16.17	0.39	1.9
51	6/20/2015 8:45	0.04	0.50	0.04	1.5
52	6/21/2015 15:00	0.37	0.92	0.37	1.2
53	6/22/2015 18:10	0.23	14.17	0.21	1.1
54	6/25/2015 17:30	0.01	0.08	0.01	2.4
55	6/27/2015 1:10	1.66	38.42	0.50	1.3
56	6/29/2015 12:55	0.04	11.50	0.02	0.9
57	6/30/2015 15:50	0.12	1.08	0.11	0.6
58	7/7/2015 14:35	0.25	8.67	0.17	6.9
59	7/9/2015 5:40	0.79	16.67	0.44	1.3
60	7/12/2015 12:35	0.03	11.33	0.01	2.6
61	7/14/2015 14:15	0.13	3.75	0.12	1.6
62	7/15/2015 6:15	0.02	3.08	0.01	0.5
63	7/16/2015 5:10	0.01	0.08	0.01	0.8
64	7/17/2015 8:50	0.03	0.25	0.03	1.2
65	7/19/2015 18:00	0.03	0.33	0.03	2.4
66	7/20/2015 7:25	0.01	0.08	0.01	0.5
67	7/29/2015 19:55	0.14	1.50	0.13	9.5
68	8/3/2015 2:25	0.18	3.75	0.08	4.2
69	8/10/2015 18:50	0.64	7.33	0.62	7.5
70	8/11/2015 21:25	0.44	6.92	0.42	0.8
71	8/18/2015 15:55	0.01	0.08	0.01	6.5
72	8/19/2015 17:00	0.02	1.25	0.01	1.0
73	8/20/2015 6:50	0.06	0.67	0.06	0.5
74	8/26/2015 1:00	0.09	20.92	0.04	5.7
75	8/30/2015 0:40	0.30	3.92	0.20	3.1
76	9/1/2015 18:00	0.01	0.08	0.01	2.6
77	9/2/2015 21:25	0.06	2.67	0.05	1.1
78	9/3/2015 18:00	3.42	16.00	1.59	0.8
79	9/8/2015 14:05	0.01	0.08	0.01	4.2
80	9/9/2015 8:00	0.01	0.08	0.01	0.7
81	9/11/2015 18:10	1.73	27.75	0.30	2.4
82	9/19/2015 3:50	0.09	11.67	0.07	6.3

FINAL A-77 April 21, 2016

		Strongsv	ille Foltz Ra	in Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	9/29/2015 8:35	0.54	25.75	0.22	9.7
84	10/3/2015 6:50	0.35	11.33	0.07	2.9
85	10/9/2015 7:45	0.02	5.33	0.01	5.6
86	10/13/2015 0:35	0.01	0.08	0.01	3.5
87	10/15/2015 20:05	0.31	6.08	0.17	2.8
88	10/16/2015 17:20	0.01	0.08	0.01	0.6
89	10/22/2015 12:30	0.01	0.08	0.01	5.8
90	10/24/2015 9:45	0.27	12.50	0.19	1.9
91	10/27/2015 21:50	1.26	37.58	0.28	3.0
92	10/30/2015 6:40	0.03	2.67	0.02	0.8
93	11/1/2015 1:05	0.02	0.67	0.02	1.7
94	11/6/2015 3:30	0.25	3.42	0.16	5.1
95	11/10/2015 1:40	0.90	16.92	0.17	3.8
96	11/12/2015 2:15	0.20	12.42	0.09	1.3
97	11/13/2015 15:25	0.01	0.08	0.01	1.0
98	11/18/2015 17:50	0.07	7.92	0.04	5.1
99	11/21/2015 17:15	0.13	5.75	0.06	2.6
100	11/27/2015 10:50	0.80	26.17	0.11	5.5
101	12/1/2015 13:45	0.15	4.58	0.06	3.0
102	12/2/2015 17:00	0.04	9.92	0.02	0.9
103	12/14/2015 11:10	0.07	14.17	0.03	11.3
104	12/15/2015 17:50	0.02	1.17	0.01	0.7
105	12/21/2015 8:30	0.54	22.67	0.19	5.6
106	12/23/2015 6:15	0.01	0.08	0.01	1.0
107	12/23/2015 21:45	0.36	1.50	0.31	0.6
108	12/25/2015 7:10	0.01	0.08	0.01	1.3
109	12/26/2015 17:05	1.57	20.42	0.46	1.4
110	12/28/2015 9:00	0.36	19.58	0.11	0.8

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		Wade	Park Rain G	Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
1	1/3/2015 11:30	1.67	39.08	(In/Hr) 0.29	(Days) 2.5
2	1/6/2015 1:50	0.05	3.33	0.03	1.0
3	1/7/2015 5:20	0.03	0.08	0.03	1.0
4	1/8/2015 23:30	0.01	2.17	0.01	1.8
5	1/11/2015 20:15	0.02	16.83	0.01	2.8
6	1/18/2015 6:05	0.06	6.25	0.03	5.7
7	1/21/2015 7:35	0.08	9.17	0.08	2.8
	1/24/2015 17:50			0.08	
8 9	1/29/2015 17:30	0.08	12.50 7.67	0.04	3.0 4.2
	2/1/2015 3:45	0.13	26.67	0.11	
10 11	2/3/2015 3:45	0.86	3.50	0.11	2.3 1.7
12					
13	2/4/2015 15:10 2/14/2015 7:55	0.24	7.42 3.92	0.06 0.04	0.5 9.4
	2/19/2015 18:55	0.08			5.3
14 15	2/21/2015 6:15	0.01	0.08 10.42	0.01	1.5
16	2/22/2015 18:50	0.01	0.08	0.01	1.1 3.7
17	2/26/2015 10:30	0.01	0.08	0.01	
18	3/1/2015 1:05	0.27	16.08	0.04	2.6 1.7
19	3/3/2015 9:25	0.13	6.92	0.05	
20	3/10/2015 19:45	0.02	0.58	0.02	7.1
21	3/13/2015 17:10	0.47	14.83	0.08	2.9
22	3/25/2015 6:45 3/26/2015 5:40	0.12	3.33	0.09	11.0 0.8
23 24	3/31/2015 3:40	0.58	8.50 4.17	0.16	4.5
25	4/2/2015 11:45	0.09		0.08	2.2
26	4/3/2015 11:45	0.47	11.08 10.67	0.38	0.7
	4/6/2015 12:50	0.36	40.08	0.17	2.4
27 28	4/9/2015 6:30	0.87	26.08	0.19	1.1
29	4/10/2015 0.30	0.08	2.33	0.06	0.6
30	4/13/2015 17:55	0.06	2.33	0.04	2.7
31	4/16/2015 17:33	0.17	6.83	0.11	3.0
32	4/19/2015 19:20	0.17	29.42	0.11	2.3
33	4/22/2015 0:00	0.03	1.67	0.02	1.3
34	4/22/2015 0:00	0.03	10.17	0.02	0.9
35	4/27/2015 23.45	0.04	0.83	0.03	3.9
36	5/4/2015 16:35	0.02	0.83	0.03	7.3
37	5/5/2015 12:10	0.86	14.42	0.54	0.8
38	5/9/2015 23:55	0.80	0.50	0.13	3.9
39	5/11/2015 18:25	0.13	8.50	0.15	1.8
40	5/15/2015 9:25	0.00	15.42	0.10	3.3
	5/17/2015 7:05				
41	5/1//2015 /:05	0.05	4.00	0.03	1.3

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		Wade	Park Rain (Gauge	
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
42	5/18/2015 16:20	0.04	0.17	0.04	1.2
43	5/22/2015 6:40	0.02	0.42	0.02	3.6
44	5/26/2015 19:25	0.20	5.33	0.11	4.5
45	5/27/2015 18:25	0.55	4.33	0.33	0.7
46	5/30/2015 17:15	1.92	36.00	0.55	2.8
47	6/5/2015 6:15	0.05	0.33	0.05	4.0
48	6/8/2015 14:10	0.02	0.58	0.02	3.3
49	6/9/2015 4:20	0.05	3.08	0.03	0.6
50	6/10/2015 7:25	0.05	3.17	0.03	1.0
51	6/11/2015 0:40	0.01	0.08	0.01	0.6
52	6/14/2015 1:45	0.02	2.08	0.01	3.0
53	6/15/2015 12:45	1.95	19.83	1.40	1.4
54	6/18/2015 3:40	0.01	0.08	0.01	1.8
55	6/18/2015 21:10	0.06	0.75	0.06	0.7
56	6/20/2015 9:45	0.02	0.42	0.02	1.5
57	6/21/2015 14:50	0.01	0.08	0.01	1.2
58	6/22/2015 17:45	2.00	12.75	1.18	1.1
59	6/25/2015 14:00	0.06	1.50	0.05	2.3
60	6/27/2015 1:00	1.84	34.75	0.46	1.4
61	6/29/2015 13:35	0.04	12.00	0.02	1.1
62	6/30/2015 16:20	0.34	13.75	0.13	0.6
63	7/7/2015 14:30	0.49	11.17	0.30	6.4
64	7/9/2015 5:35	1.22	22.42	0.52	1.2
65	7/12/2015 17:50	0.52	9.42	0.23	2.6
66	7/14/2015 12:25	0.13	3.08	0.08	1.4
67	7/15/2015 6:50	0.02	0.75	0.02	0.6
68	7/17/2015 8:50	0.02	0.42	0.02	2.1
69	7/19/2015 17:00	0.04	0.17	0.04	2.3
70	7/29/2015 20:30	0.03	0.42	0.03	10.1
71	8/3/2015 1:35	0.36	4.92	0.18	4.2
72	8/3/2015 20:20	0.46	0.50	0.46	0.6
73	8/10/2015 19:00	0.35	3.58	0.32	6.9
74	8/15/2015 0:35	0.06	2.17	0.05	4.1
75	8/18/2015 13:15	0.27	2.33	0.17	3.4
76	8/19/2015 17:30	0.18	15.92	0.15	1.1
77	8/23/2015 23:45	0.02	0.25	0.02	3.6
78	8/25/2015 3:45	0.15	0.67	0.15	1.2
79	8/25/2015 23:40	0.20	32.25	0.06	0.8
80	8/29/2015 20:10	0.62	20.17	0.24	2.5
81	9/4/2015 0:30	0.16	6.33	0.12	4.3
82	9/11/2015 17:00	2.87	28.50	0.78	7.4

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		Wade	Park Rain (Gauge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
83	9/19/2015 3:10	0.38	12.67	0.27	6.2
84	9/29/2015 13:15	0.75	21.17	0.46	9.9
85	10/3/2015 6:50	0.40	23.92	0.09	2.9
86	10/9/2015 7:40	0.03	0.42	0.03	5.0
87	10/13/2015 19:25	0.38	21.25	0.15	4.5
88	10/15/2015 19:55	0.23	3.75	0.12	1.1
89	10/16/2015 13:05	0.15	5.75	0.11	0.6
90	10/17/2015 15:30	0.02	0.25	0.02	0.9
91	10/24/2015 18:55	0.18	3.42	0.14	7.1
92	10/27/2015 23:00	1.08	36.33	0.24	3.0
93	10/30/2015 4:25	0.02	1.67	0.01	0.7
94	11/1/2015 0:10	0.04	2.92	0.02	1.8
95	11/6/2015 2:50	0.20	4.08	0.13	5.0
96	11/10/2015 2:40	0.58	17.58	0.12	3.8
97	11/12/2015 3:10	0.07	11.33	0.03	1.3
98	11/13/2015 21:35	0.01	0.08	0.01	1.3
99	11/18/2015 17:40	0.10	8.25	0.07	4.8
100	11/21/2015 16:15	0.54	22.25	0.13	2.6
101	11/27/2015 11:30	0.60	24.75	0.09	4.9
102	12/1/2015 15:35	0.07	2.42	0.04	3.1
103	12/2/2015 17:45	0.08	12.25	0.06	1.0

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		West	lake Rain G	auge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
	4 /2 /2045 44 45	4.74	22.25	(In/Hr)	(Days)
1	1/3/2015 11:15	1.74	32.25	0.21	2.5
2	1/6/2015 1:35	0.06	3.83	0.02	1.3
3	1/7/2015 5:35	0.01	0.08	0.01	1.0
4	1/8/2015 21:30	0.02	5.33	0.01	1.7
5	1/11/2015 20:10	0.34	16.17	0.07	2.7
6	1/18/2015 5:50	0.03	6.00	0.01	5.7
7	1/20/2015 11:05	0.01	0.08	0.01	2.0
8	1/21/2015 6:10	0.23	10.25	0.08	0.8
9	1/24/2015 17:50	0.01	0.08	0.01	3.1
10	1/25/2015 6:50	0.04	24.42	0.01	0.5
11	1/29/2015 12:40	0.19	7.00	0.06	3.2
12	2/1/2015 3:20	0.89	27.92	0.12	2.3
13	2/3/2015 23:25	0.29	23.25	0.05	1.7
14	2/11/2015 18:15	0.01	0.08	0.01	6.8
15	2/14/2015 7:35	0.10	4.83	0.06	2.6
16	2/21/2015 5:25	0.29	10.00	0.06	6.7
17	2/22/2015 17:50	0.03	1.75	0.02	1.1
18	2/26/2015 12:30	0.01	0.08	0.01	3.7
19	3/1/2015 0:25	0.31	16.58	0.04	2.5
20	3/3/2015 9:15	0.11	6.83	0.05	1.7
21	3/10/2015 19:45	0.02	0.58	0.02	7.2
22	3/13/2015 16:50	0.44	14.83	0.08	2.9
23	3/25/2015 6:20	0.21	3.42	0.14	10.9
24	3/26/2015 5:40	0.56	8.25	0.19	0.8
25	3/31/2015 2:20	0.10	5.08	0.08	4.5
26	4/1/2015 8:20	0.01	0.08	0.01	1.0
27	4/2/2015 11:55	0.22	10.75	0.14	1.1
28	4/3/2015 16:55	0.30	10.33	0.10	0.8
29	4/6/2015 12:30	0.03	1.00	0.03	2.4
30	4/7/2015 2:55	0.50	26.50	0.21	0.6
31	4/9/2015 6:25	0.92	23.17	0.33	1.0
32	4/10/2015 22:50	0.08	2.67	0.07	0.7
33	4/13/2015 17:05	0.17	1.75	0.15	2.7
34	4/16/2015 19:00	0.07	8.00	0.04	3.0
35	4/19/2015 19:35	0.14	1.42	0.12	2.7
36	4/20/2015 11:35	0.07	3.00	0.06	0.6
37	4/21/2015 23:50	0.03	1.83	0.02	1.4
38	4/23/2015 5:30	0.10	2.58	0.05	1.2
39	4/25/2015 3:25	0.05	1.83	0.03	1.8
40	4/27/2015 8:15	0.02	0.83	0.02	2.1
41	5/4/2015 16:20	0.01	0.08	0.01	7.3

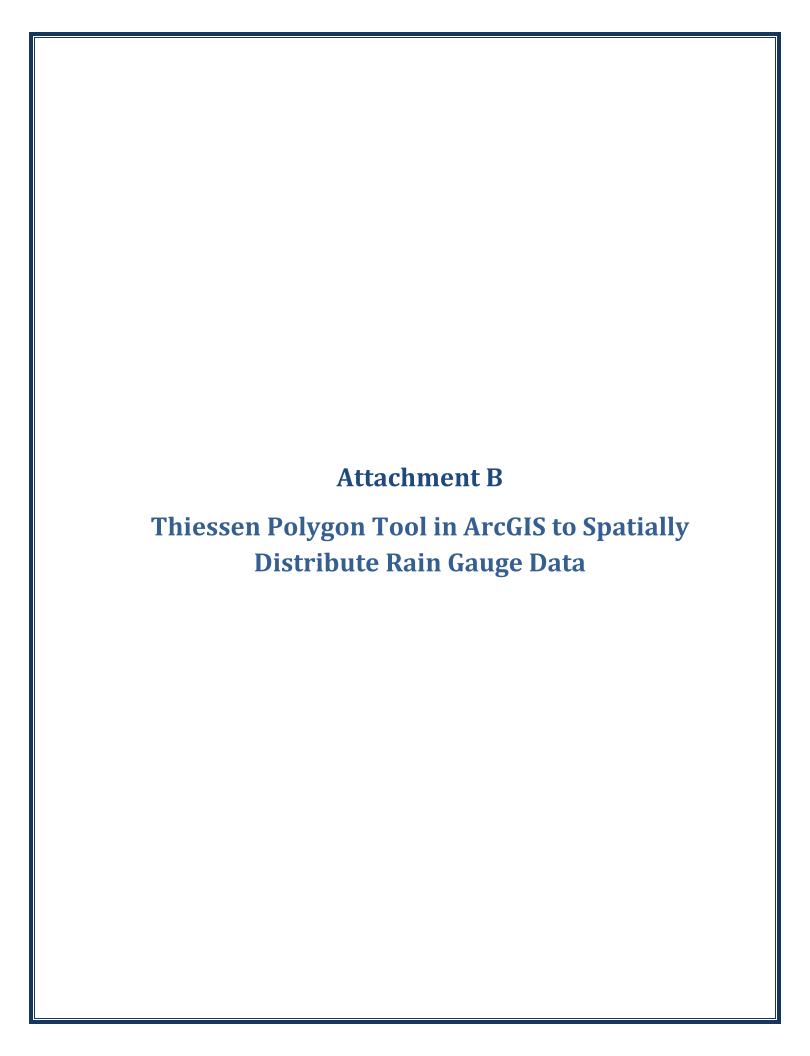
FINAL A-82 April 21, 2016

		West	lake Rain G	auge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity	Dry Period
				(In/Hr)	(Days)
42	5/5/2015 12:00	0.40	12.50	0.36	0.8
43	5/11/2015 18:05	0.40	5.08	0.21	5.7
44	5/15/2015 8:45	0.25	13.08	0.10	3.4
45	5/16/2015 12:05	0.01	0.08	0.01	0.6
46	5/17/2015 8:25	0.20	8.75	0.17	0.8
47	5/18/2015 15:50	0.15	0.67	0.15	0.9
48	5/21/2015 1:50	0.03	1.08	0.03	2.4
49	5/22/2015 6:50	0.02	1.58	0.01	1.2
50	5/26/2015 23:40	0.04	1.92	0.03	4.6
51	5/27/2015 18:00	0.52	4.50	0.23	0.7
52	5/30/2015 13:05	2.44	31.25	0.81	2.6
53	6/1/2015 11:55	0.01	0.08	0.01	0.7
54	6/8/2015 13:50	0.04	0.58	0.04	7.1
55	6/9/2015 4:25	0.01	0.08	0.01	0.6
56	6/10/2015 7:00	0.31	4.50	0.25	1.1
57	6/11/2015 0:20	0.11	4.92	0.09	0.5
58	6/12/2015 13:25	0.71	17.58	0.36	1.3
59	6/14/2015 4:10	0.82	17.08	0.52	0.9
60	6/15/2015 12:15	2.35	18.33	1.45	0.6
61	6/18/2015 17:50	0.17	4.00	0.14	2.5
62	6/22/2015 17:25	1.97	14.33	1.45	3.8
63	6/25/2015 16:45	0.05	2.83	0.03	2.4
64	6/26/2015 7:40	0.01	0.08	0.01	0.5
65	6/27/2015 0:45	2.90	31.33	0.68	0.7
66	6/29/2015 12:55	0.03	1.17	0.02	1.2
67	6/30/2015 16:00	0.36	14.92	0.21	1.1
68	7/7/2015 14:10	0.54	11.00	0.44	6.3
69	7/9/2015 5:10	1.20	10.75	0.46	1.2
70	7/12/2015 13:05	0.10	15.50	0.02	2.9
71	7/14/2015 14:25	0.06	0.75	0.06	1.4
72	7/17/2015 8:15	0.07	3.83	0.06	2.7
73	7/19/2015 17:00	0.32	0.25	0.32	2.2
74	7/26/2015 0:55	0.07	2.17	0.04	6.3
75	7/29/2015 19:45	0.09	0.75	0.09	3.7
76	8/3/2015 1:20	0.95	4.67	0.57	4.2
77	8/10/2015 15:05	1.42	12.08	1.08	7.4
78	8/11/2015 21:05	0.36	5.00	0.35	0.8
79	8/14/2015 23:05	0.88	3.00	0.84	2.9
80	8/18/2015 13:15	0.07	0.17	0.07	3.5
81	8/20/2015 6:35	0.02	0.67	0.02	1.7
82	8/23/2015 23:15	0.19	1.92	0.18	3.7

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		West	lake Rain G	auge	
Event	Start Date/	Depth	Duration	Peak 1-hr	Antecedent
	Time	(In)	(Hrs)	Intensity (In/Hr)	Dry Period (Days)
83	8/25/2015 22:55	0.07	4.33	0.03	1.9
84	8/26/2015 15:40	0.01	0.08	0.01	0.5
85	8/28/2015 5:35	0.01	0.08	0.01	1.6
86	8/29/2015 19:40	0.74	15.42	0.45	1.6
87	9/3/2015 22:30	1.32	9.67	0.58	4.5
88	9/11/2015 16:25	2.12	29.42	0.46	7.3
89	9/19/2015 3:00	0.24	11.75	0.20	6.2
90	9/24/2015 7:35	0.01	0.08	0.01	4.7
91	9/29/2015 4:00	0.25	19.75	0.11	4.9
92	10/3/2015 7:20	0.41	19.75	0.07	3.3
93	10/9/2015 7:30	0.03	1.33	0.02	5.2
94	10/13/2015 23:50	0.10	14.50	0.05	4.6
95	10/15/2015 19:40	0.30	4.17	0.16	1.2
96	10/16/2015 16:55	0.03	2.17	0.02	0.7
97	10/24/2015 18:30	0.13	1.75	0.10	8.0
98	10/27/2015 22:30	1.51	13.17	0.31	3.1
99	10/30/2015 3:40	0.02	1.08	0.02	1.7
100	11/1/2015 0:05	0.04	1.75	0.03	1.8
101	11/6/2015 2:10	0.29	4.58	0.15	5.0
102	11/7/2015 19:00	0.02	0.17	0.02	1.5
103	11/10/2015 2:10	0.96	17.58	0.23	2.3
104	11/12/2015 2:50	0.11	11.00	0.05	1.3
105	11/13/2015 15:00	0.01	0.08	0.01	1.1
106	11/18/2015 18:25	0.10	8.92	0.05	5.1
107	11/21/2015 5:40	0.18	22.33	0.06	2.1
108	11/27/2015 10:55	0.72	25.17	0.13	5.3
109	12/1/2015 13:35	0.12	4.58	0.04	3.1
110	12/2/2015 17:10	0.14	0.42	0.14	1.0
111	12/3/2015 5:35	0.04	1.17	0.03	0.5
112	12/14/2015 11:15	0.12	10.25	0.04	11.2
113	12/15/2015 16:00	0.02	1.58	0.01	0.8
114	12/21/2015 8:15	0.12	6.50	0.05	5.6
115	12/22/2015 4:35	0.22	5.00	0.17	0.6
116	12/23/2015 21:45	0.20	1.33	0.18	1.5
117	12/25/2015 4:10	0.03	7.75	0.01	1.2
118	12/26/2015 16:45	1.71	21.17	0.38	1.2
119	12/28/2015 10:55	0.55	18.75	0.11	0.9

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Thiessen Polygon Tool in ArcGIS to Spatially Distribute Rain Gauge Data

During data collection for 2015, the Cleveland Heights permanent Rain Gauge which is normally located on the roof of the high school, was removed from service due to construction. A temporary gauge was installed approximately a half mile from the original site. Since the shifting of the rain gauge has a direct impact on the Thiessen Polygons for modeled subcatchments within the Easterly and Heights-Hilltop basins, an evaluation was conducted to determine the impact of such rain gauge relocation to the model results. Each subcatchment, in both Easterly and Heights Hilltop basins, which was affected by the shifting of Thiessen Polygon was examined by comparing precipitation volume (modeled acreage multiplied by precipitation depth for respective rain gauges) to determine impact of relocation. In summary, the results demonstrated less than a 0.5% difference in precipitation volume. It was determined to use the permanent rain gauge location in Cleveland Heights for this report due to the minimal impact the relocation has on model results.

1. Create rain gauge boundaries in ArcGIS via Thiessen Polygon tool.

- A) ArcToolbox → Analysis Tools → Proximity → Create Thiessen Polygons
 - i. Input Features: Rain Gauge point shapefile
 - ii. **OK** to generate Thiessen Polygons. The default processing extent is the same extent as the rain gauge point features with a 10% buffer (see **Figure B1**). The extent can be changed in the Environment settings.

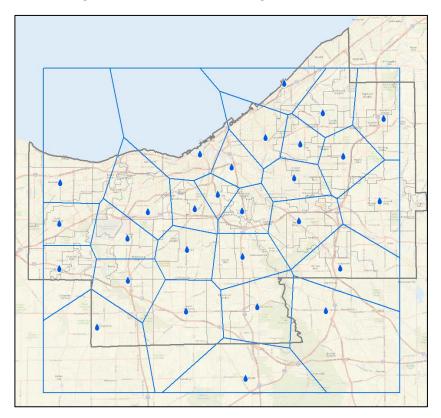


Figure B1. Rain Gauge Boundaries generated using the Thiessen Polygon tool in ArcGIS

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- B) Add Field "PROFILE" to the rain gauge boundary shapefile of Type: SHORT.
- C) Assign each rain gauge boundary with a unique ID# under the *PROFILE* field. This will be used by InfoWorks ICM to assign rainfall profiles to subcatchments.

2. Add the rain gauge boundaries to the InfoWorks ICM model.2.

- A) Import rain gauge boundary shapefile as a GIS layer.
- B) GeoPlan → Rain gauge data → Import from map data...
 - i. Select rain gauge boundary layer, then Import.
- C) Verify that all the model subcatchments lie completely within the rain gauge boundaries. If they do not, the boundaries need to be manually adjusted in GIS, as shown in **Figure B2**, and re-imported into ICM.

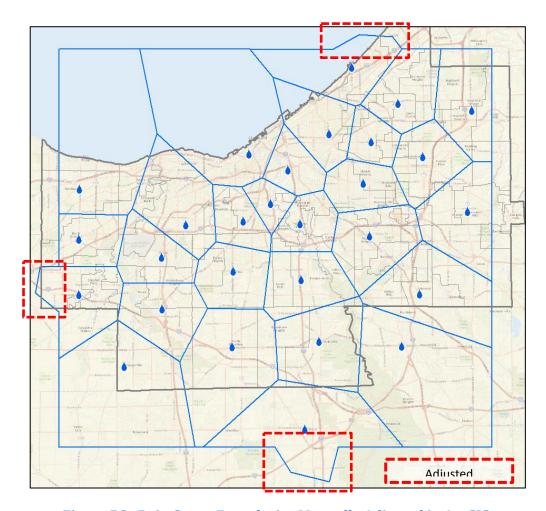


Figure B2. Rain Gauge Boundaries Manually Adjusted in ArcGIS to overlap model subcatchments.

3. Format Raw Data for use in ICM

- A) Fill BLANK data gaps in raw data with values of zero.
- B) Convert each time step in raw data into intensity/hour. If raw data is recorded every 5-minutes, multiply each time step by 12.

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- 4. Add rain gauge rainfall data to ICM.
 - A) Add new rainfall event in ICM and open Rainfall Event editor.
 - B) Append profiles for each rain gauge boundary and rename profile titles to match rain gauge boundary profiles. There should only be one rainfall event file for all models being simulated.
 - i. Right-click cell → Profile Properties → Change Profile Title
 - C) Edit start date/time to match rainfall data
 - i. Right-click cell → Sub-Event Properties
 - 1. Start Date: MM/DD/YYYY
 - 2. Start Time: hh:mm:ss
 - 3. Timestep: **5m** (for 5-minutes change according to rainfall timesteps)
 - D) Add rainfall to each profile via copy and paste from Excel rainfall data.
 - i. Select "Add timesteps to this sub-event, so all data can be pasted" → OK
 - E) Save and exit Rainfall Event editor window.
- 5. **Apply rain gauge boundaries to rainfall event.** This will override the profile number entered in the Subcatchment's *Rainfall Profile* field.
 - A) GeoPlan → Rain gauge data → Save to rainfall event...
 - B) Select rainfall event with rain gauge profiles. Make sure rainfall profile names are consistent with rain gauge boundary IDs as seen in the table heading on the right and the GeoPlan map on the left (Figure B3).

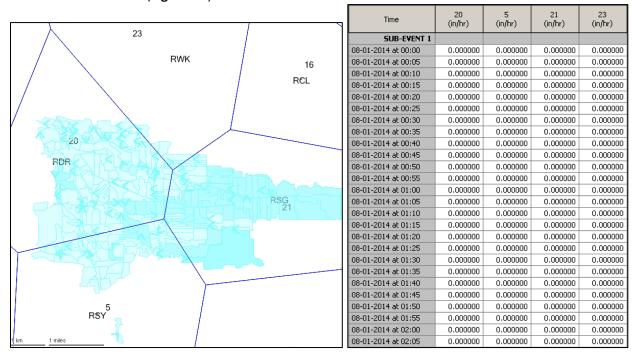


Figure B3. Confirm Rainfall Profile Names are Consistent with Rain Gauge Boundary Profile IDs

6. For subcatchments that lie within two or more rain gauge boundaries, the user can dictate whether the boundaries are assigned (A) based on the subcatchment's centroid location or (B) using an area-averaged rainfall.

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A) In the Subcatchment Grid or Properties window, un-check the "Use area-averaged rain" option to toggle off. The rain gauge boundary that contains the centroid of the subcatchment will be used to provide rainfall data for the entire subcatchment. This is the default and the recommended option.

Use area-averaged rain

- i. The centroid is often defined by the x and y coordinates of the subcatchment.
- ii. If the subcatchment has no coordinates, ICM will use the coordinates of the drainage node.
- iii. If the drainage node has no coordinates, ICM will assume coordinates of 0, 0.
- iv. Simulations will fail if subcatchment centroids fall outside of the defined rain gauge boundary.
- B) In the Subcatchment Grid or Properties window, **check** the "**Use area-averaged rain**" option to toggle **on**. This will use data from all rain gauge boundaries that the subcatchment overlaps.



- i. Simulations will fail if the subcatchment falls wholly or partly outside any rain gauge boundary.
- ii. If the subcatchment does not have a boundary, the option is ignored.
- iii. The following variables are not area-averaged. Instead, the values are from the rainfall boundary that covers the greatest area of subcatchment.
 - Antecedent rainfall
 - Local evaporation
 - Evaporation from multiple evaporation profiles
 - Temperature from multiple temperature profiles
 - Runoff initial conditions

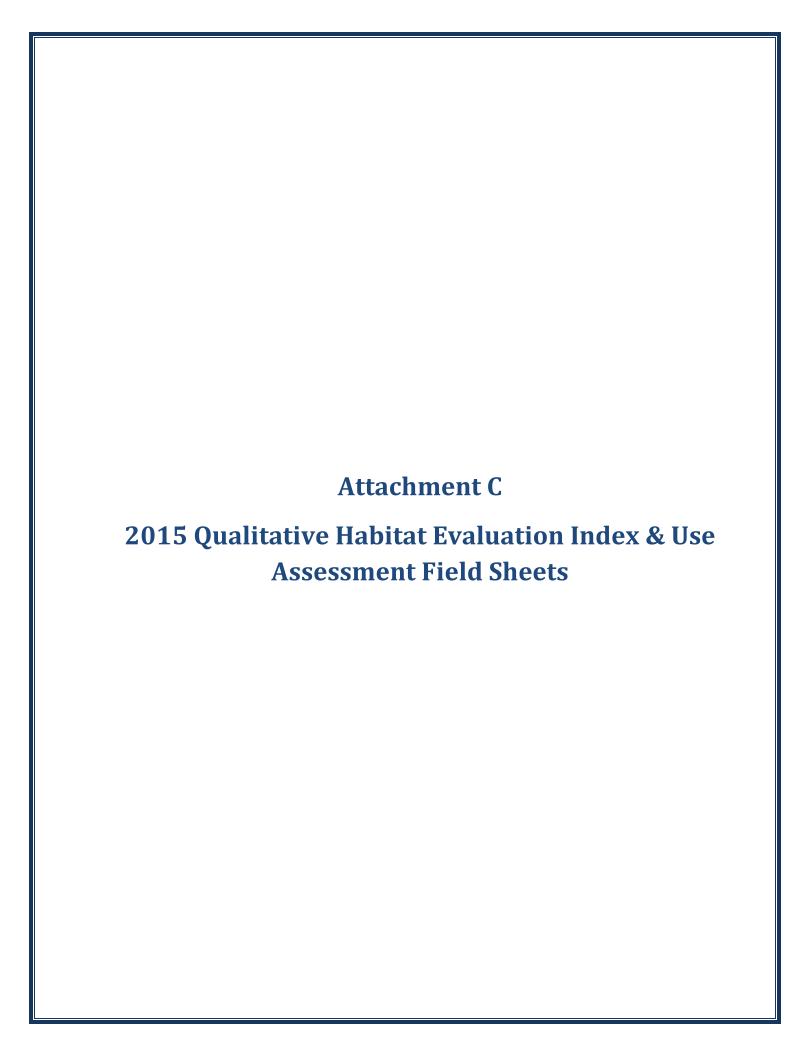
7. Run Simulation

- A) Open the Schedule Hydraulic Run View.
- B) Add simulation components (e.g. model network, rainfall event, wastewater, etc.).
- C) The rainfall event with linked rain gauge boundaries will automatically override rainfall profiles defined in the subcatchment properties.

8. QA/QC Hydrology

A) Verify for a few subcatchments that the rainfall volume is consistent with the corresponding rain gauge's observed rainfall volume.

FINAL B-4 April 21, 2016



ChioEPA

Qualitative Habitat Evaluation Index and Use Assessment Field Sheet

QHEI Score:

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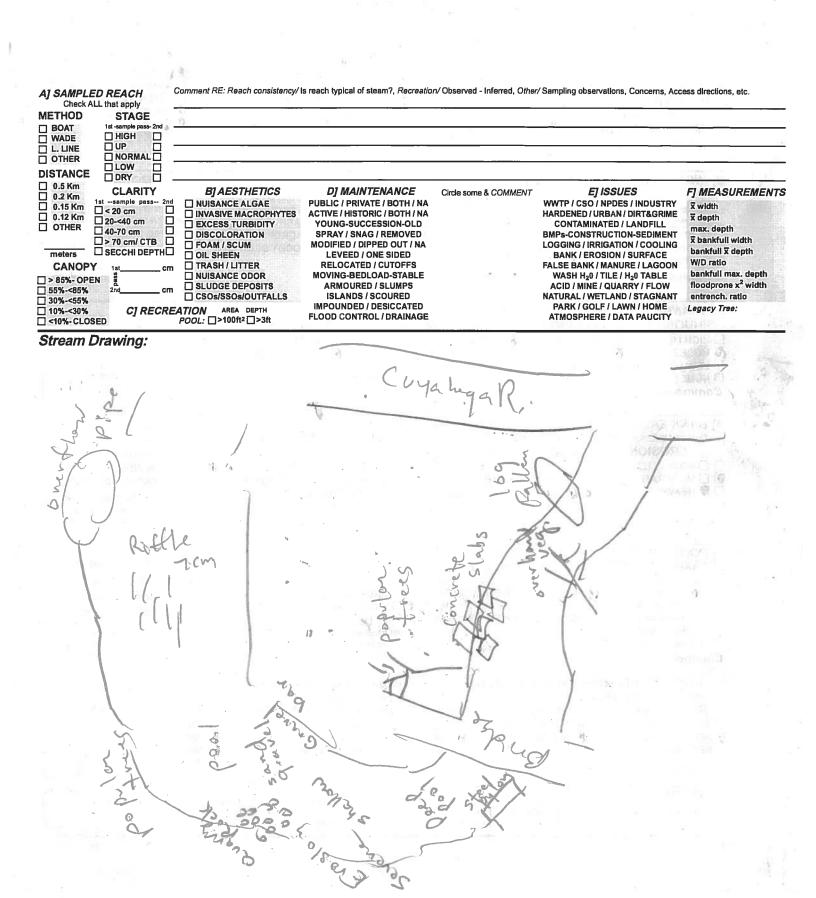
Stream & Location:	13 g Creek M	en plus TjedowoRM:	4.40 Date: 8 14 15
J Pina Coda		Prs Full Name & Affiliation: Northeas	Office verified
River Code: -	ONLY Two substrate TYPE BOXES.	Lat./Long.: 4 . 4460/81	.1540 location
BEST TYPES BEST TYPES BLDR /SLABS [10] BBOULDER [9] COBBLE [8] GRAVEL [7] SAND [6] BEDROCK [5]	e % or note every type present OOL RIFFLE HARDPAN [4] DETRITUS [3] MUCK [2] ARTIFICIAL [0] (Score natural subst	Check ONE (Or 2 ORIGIN LIMESTONE [1] TILLS [1] WETLANDS [0] HARDPAN [0] SANDSTONE [0] Fates, ignore RIP/RAP [0] SHALE [-1] COAL FINES [-2]	QUALITY HEAVY [-2] MODERATE [-1] Substrate NORMAL [0] FREE [1]
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River right looking downstream EROSION NONE / LITTLE [3] MODERATE [2] HEAVY / SEVERE [1]	RIPARIAN WIDTH WIDE > 50m [4]		CONSERVATION TILLAGE [1]
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Indicate for function of riffle-obligate space RIFFLE DEPTH BEST AREAS > 10cm [2] BEST AREAS 5-10cm [1] BEST AREAS < 5cm [metric=0] Comments	Check ONE RUN DEPTH RIFFLE MAXIMUM > 50cm [2] STABLE MAXIMUM < 50cm [1] MOD. ST.	(e.g., Cobble, Boulder) [2] ABLE (e.g., Large Gravel) [1] LE (e.g., Fine Gravel, Sand) [0]	ation NO RIFFLE [metric=0] JN EMBEDDEDNESS NONE [2] LOW [1] MODERATE [0] Run MAXIMUM RATE
6] GRADIENT (DRAINAGE AREA	ft/mi)	%POOL: %GLID %RUN: %RIFFL	DE: Gradient

Stream Drawing:	AJ SAMPLED REACH Check ALL that apply METHOD STAGE BOAT
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301	PUBLIC / PRIVATE / BOTH / NA ACTIVE / HISTORIC / BOTH / NA YOUNG-SUCCESSION-OLD SPRAY / SNAG / REMOVED MODIFIED / ONE SIDED RELOCATED / CUTOFFS MOVING-BEDLOAD-STABLE ARMOURED / SCOURED IMPOUNDED / DESICCATED FLOOD CONTROL / DRAINAGE
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Zabiotny	Sc		n: Northeast Ohio Regional Sewer I	
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EPA 4520

QHEI Score:	67.5
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□ □ BOULDER [9]		ETRITUS [3]	TILLS		MODERATE	ALC: NO.
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1 100m 5/5 mount - 5/12 mount	In the second se	MOU STARTERS FE	x width x depth max. depth x bankfull width bankfull x depth W/D ratio bankfull max. depth W/ID ratio bankfull max. depth floodprone x² width entrench. ratio Legacy Tree:		TRE LEGIS	6 (3 5 (3 5 (3

ChioEPA

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Stream & Location: Coustogs Fiver Lower Harvach Prider RM:	7.00 Date: 08/06/15
Donna Fried man Scorers Full Name & Affiliation: Northeast	st Ohio Regional Sewer District
River Code: STORET #: Lat./ Long.: 4 . 4 4 9 7-18	400 10
1] SUBSTRATE Check ONLY Two substrate TYPE BOXES,	
estimate % or note every type present Check ONE (Or 2 BEST TYPES POOL RIFELE OTHER TYPES POOL RIFELE ORIGIN	QUALITY
BEST TYPES POOL RIFFLE OTHER TYPES POOL RIFFLE ORIGIN	☐ HEAVY [-2]
BOULDER [9] DETRITUS [3] BOULDER [9] SILT	MODERATE [-1] Substrate
□	図 NORMAL [0]
SAND [6] ARTIFICIAL [0] SANDSTONE [0] SANDSTONE	EXTENSIVE [-2]
□□ BEDROCK [5] (Score natural substrates; ignore □ RIP/RAP [0] WILLIAM SERVICE SERVICES [2] Sludge from point-sources □ LACUSTURINE [0] □	MODERATE [-1] Maximum
NUMBER OF BEST TYPES: 4 or more [2] sludge from point-sources) □ LACUSTURINE [0] □ SHALE [-1]	☐ EXTENSIVE [-2] ☐ MODERATE [-1] ☐ NORMAL [0] ☐ NONE [1] Maximum 20
Comments Coal Fines [-2]	Galactic C. C. Strategic C.
O 1 14 12 TO 14 15 10 10 10 10 10 10 10 10 10 10 10 10 10	inal ASSANT
2] INSTREAM COVER Indicate presence 0 to 3: 0-Absent; 1-Very small amounts or if more common of marguality; 2-Moderate amounts, but not of highest quality or in small amounts of highest	inal AMOUNT t Check ONE (<i>Or 2 & average</i>)
quality; 3-Highest quality in moderate or greater amounts (e.g., very large boulders in deep or fast water, large diameter log that is stable, well developed rootwad in deep / fast water, or deep, well-defined, functional pools.	EXTENSIVE >75% [11]
UNDERCUT BANKS [1] 2 POOLS > 70cm [2] OXBOWS, BACKWATERS [1]	圖 MODERATE 25-75% [7]
OVERHANGING VEGETATION [1] ROOTWADS [1] AQUATIC MACROPHYTES [1] SHALLOWS (IN SLOW WATER) [1] BOULDERS [1] 2 LOGS OR WOODY DEBRIS [1]	☐ SPARSE 5-<25% [3] ☐ NEARLY ABSENT <5% [1]
SHALLOWS (IN SLOW WATER) [1] BOULDERS [1] Z LOGS OR WOODY DEBRIS [1] ROOTMATS [1]	Cover
Comments 8+7	Maximum 5
0,1	20
3] CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average)	
SINUOSITY DEVELOPMENT CHANNELIZATION STABILITY	
☐ HIGH [4] ☐ EXCELLENT [7] ☐ NONE [6] ☐ HIGH [3] ☑ MODERATE [3] ☐ GOOD [5] ☐ RECOVERED [4] ☑ MODERATE [2]	
□ LOW [2] □ FAIR [3] □ RECOVERING [3] □ LOW [1]	
□ NONE [1] □ POOR [1] □ RECENT OR NO RECOVERY [1]	Channel
	Maximum
Comments ho riffle Innunary	Maximum 20
no little anymore 6+2,3	20
4] BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank) River right looking downstream RIPARIAN WIDTH FLOOD PLAIN QUALITY	20
4] BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank) River right looking downstream RIPARIAN WIDTH FLOOD PLAIN QUALITY RIPARIAN WIDTH FOREST, SWAMP [3]	ank & average) CONSERVATION TILLAGE [1]
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Shallows Tream Drawing:	AJ SAMPLED REACH Check ALL that apply METHOD STAGE BOAT HIGH HIGH WADE WADE WADE HIGH WADE
Constraint of the same of the	BJ AESTHETICS NUISANCE ALGAE INVASIVE MACROPHYTES EXCESS TURBIDITY DISCOLORATION FOAM / SCUM OIL SHEEN TRASH / LITTER NUISANCE ODOR SLUDGE DEPOSITS CSOS/SSOS/OUTFALLS 1710N AREA DEPTH POOL: \[\] \ > 100ft2 \[\] \ > 3ft
Soulary State	BJ AESTHETICS NUISANCE ALGAE NUISANCE ALGAE NUISANCE ALGAE NUISANCE ALGAE NUISANCE ALGAE NUISANCE ODOR FOAM / SCUM FOAM / SCUM SCOLORATION OIL SHEEN NUISANCE ODOR NUISANCE ODOR NUISANCE ODOR AREA DEPTH POOL: > 100ft2 > 3ft FLOOD CONTROL / DRAINAGE DRAINAGE FLOOD CONTROL / DRAINAGE DRAINAGE FLOOD CONTROL / DRAINAGE DRAINAGE TRASH / LITTER NUISANCE ODOR ARMOURED / SEDLOAD-STABLE ARMOURED / SCOURED IMPOUNDED / DESICCATED IMPOUNDED / DRAINAGE TRASH / LITTER NOVING-BEDLOAD-STABLE ARMOURED / SUMPS ISLANDS / SCOURED IMPOUNDED / DRAINAGE TRASH / LITTER NOVING-BEDLOAD-STABLE ARMOURED / SCOURED IMPOUNDED / DRAINAGE TRASH / LITTER NOVING-BEDLOAD-STABLE ARMOURED / SUMPS ISLANDS / SCOURED IMPOUNDED / DRAINAGE TRASH / LITTER NOVING-BEDLOAD-STABLE ARMOURED / SUMPS ISLANDS / SCOURED IMPOUNDED / DRAINAGE TRASH / LITTER NOVING-BEDLOAD-STABLE ARMOURED / SUMPS ISLANDS / SCOURED IMPOUNDED / DRAINAGE TRASH / LITTER NOVING-BEDLOAD-STABLE ARMOURED / SUMPS ISLANDS / SCOURED IMPOUNDED / DRAINAGE TRASH / LITTER NOVING-BEDLOAD-STABLE ARMOURED / SUMPS ISLANDS / SCOURED IMPOUNDED / DRAINAGE TRASH / LITTER TRASH /
war de da's	Circle some & COMMENT
Acritician Lantician)	& COMMENT WATP / CSO / NPDES / LANDFILL BMPS-CONSTRUCTION-SEDIMENT LOGGING / IRRIGATION / COOLING BANK / EROSION / SURFACE FALSE BANK / MANURE / LAGOON WASH H ₂ 0 / TILE / H ₂ 0 TABLE ACID / MINE / QUARRY / FLOW NATURAL / WETLAND / STAGNANT PARK / GOLF / LAWN / HOME ATMOSPHERE / DATA PAUCITY ### Access directions, etc. ### ### ### ### ### ### ### ### ### #
Bridge	FJ MEA SUREMENTS x width x depth max. depth bankfull x depth bankfull max. depth bankfull max. depth hoodprone x² width entrench. ratio Legacy Tree:

ChicEPA

Qualitative Habitat Evaluation Index and Use Assessment Field Sheet

QHEI Score: 79.5

Stream & Location:	Endid Creek L	s of st. Cla		RM: 1.65Date	00106115
Hothem, Za	blotu Soehnlen	Scorers Full	Name & Affiliation:	Northeast Ohio Regiona	
River Code:	STORET #:		./ Long.: 41.574	11 181. 5467	Office verified location
estima	ONLY Two substrate TYPE Bette % or note every type prese OTHER TO HARDP OUTHER TO HARDP HAR	TYPES POOL RIFFL PAN [4] TUS [3] [2]	ORIGIN LIMESTONE [1] TILLS [1] WETLANDS [0] HARDPAN [0]	SILT HEAVY SILT MODE NORM FREE DECL EXTEN	RATE [-1] Substra
4.5.5x(10x(1)) \$	R Indicate presence 0 to 3: 0- quality; 2-Moderate amounts moderate or greater amounts	s, but not of highest q	uality or in small amounts	of highest	OUNT (Or 2 & average)
diameter log that is stable, UNDERCUT BANKS OVERHANGING VE SHALLOWS (IN SLC	well developed rootwad in de [1] POOI GETATION [1] ROO			POOIS. EXTENSIVE MODERAL SPARSE SPARSE	VE >75% [11] TE 25-75% [7] 5-<25% [3] ABSENT <5% [1]
O ROOTMATS [1] Comments					Cover Maximum 20
31 CHANNEL MORPH	OLOGY Check ONE in each	h category (Or 2 & ave	erage)		Single Majeri
☐ MODERATE [3] ☐ G ☐ LOW [2] ☐ F. ☐ NONE [4] ☐ P. Comments	AIR [3] RECOV	ERED [4] ERING [3] TOR NO RECOVERY	1 2 2 2 2	AN LETTER DEVICES TO THE PROPERTY OF THE PROPE	Channel Maximum 20
A] BANK EROSION A River right looking downstrea R EROSION NONE / LITTLE [3] MODERATE [2] HEAVY / SEVERE [4]	☐ WIDE > 50m [4] ☐ MODERATE 10-50m ☐ NARROW 5-10m [2]	H FL 	egory for <i>EACH BANK</i> (Or OOD PLAIN QUALIT , SWAMP [3] OR OLD FIELD [2] ITIAL, PARK, NEW FIELD PASTURE [1] ASTURE, ROWCROP [0]	CONSERVAT	TON TILLAGE [1] NDUSTRIAL [0] NSTRUCTION [0] t land use(s) Riparian
Comments 2.5	3	0.5			Maximum 10
5] POOL / GLIDE ANI MAXIMUM DEPTH Check ONE (ONLY!) > 1m [6] 0.7~1m [4] 0.4~0.7m [2] 0.2~0.4m [1] <> 0.2m [0] Comments	D RIFFLE / RUN QUALI CHANNEL WID¹ Check ONE (Or 2 & ave POOL WIDTH > RIFFLE W □ POOL WIDTH < RIFFLE W	TH CU prage) IDTH [2] □ TORRE IDTH [1] □ VERY F IDTH [0] □ FAST [4] □ MODER	1] INTERMIT	TAL [-1] FENT [-2]	on Potential by Contact ary Contact decomment on back
	RUN DEPTH MAXIMUM > 50cm [2] MAXIMUM < 50cm [1]	Check ONE (Or 2 & a RIFFLE / RUN ■ STABLE (e.g., Col ■ MOD. STABLE (e.g.	average). SUBSTRATE RIFF bble, Boulder) [2]	a population NONE [2] LOW [1] MODERATE [1] EXTENSIVE [-	O RIFFLE [metric=
6] GRADIENT (16.7.0 DRAINAGE AREA	MODERATE [6-1	0]	%POOL:	%GLIDE:	Gradient 10

	D
(1)	

		100
QHEI .	Score:	62



Stream & Location:	tuckid Yuk	Lakeshore,	RM: Date:	716115
Zabbtru	Hother Score	rs Full Name & Affiliation:	Northeast Ohio Regional	Sewer District
River Code: A	STORET #:	Lat./ Long.: 41. 58		Office verified location
1] SUBSTRATE Chec	k ONLY Two substrate TYPE BOXES;			
DECT TVDEC	DETRITUS [3] MUCK [2] SILT [2] ARTIFICIAL [0] (Score natural substr	OL RIFFLE ORIGIN LIMESTONE [1] TILLS [1] WETLANDS [0] HARDPAN [0] SANDSTONE [0] RIES: ignore RIP/RAP [0]	ONE (Or 2 & average) QUAL HEAVY [NORMA FREE [1] ODEO MODER MODER MODER NORMA NONE [1]	[-2] ATE [-1] Substrate L [0]
quality; 3-Highest quality	EGETATION [1] ROOTWADS [1]	nighest quality or in small amounts arge boulders in deep or fast wate er, or deep, well-defined, functiona	c of highest r, large Check ONE (C) Check ONE (C) EXTENSIVE CRES [1] MODERATE CTES [1] SPARSE 5-	Or 2 & average) E >75% [11] E 25-75% [7]
SINUOSITY DEN HIGH [4]	HOLOGY Check ONE in each category (OVELOPMENT CHANNELIZATION CHANN	ON STABILITY HIGH [3] MODERATE [2] LOW [1]	TALL OF THE PARTY	Channel Maximum 20
A] BANK EROSION ARIVER right looking downstree EROSION NONE / LITTLE [3] MODERATE [2] HEAVY / SEVERE [1]	WIDE > 50m [4]	each category for EACH BANK (C FLOOD PLAIN QUALI FOREST, SWAMP [3] BHRUB OR OLD FIELD [2] RESIDENTIAL, PARK, NEW FIELD FENCED PASTURE [1] OPEN PASTURE, ROWCROP [0]	ITY R CONSERVATIO URBAN OR IN D III MINING / CONSERVATIO Indicate predominant lapast 100m riparian.	DUSTRIAL [0] BTRUCTION [0]
5] POOL / GLIDE AN MAXIMUM DEPTH Check ONE (ONLY!) [] > 1m [6]	Check ONE (Or 2 & average) POOL WIDTH > RIFFLE WIDTH [2] POOL WIDTH = RIFFLE WIDTH [1] POOL WIDTH < RIFFLE WIDTH [0]	CURRENT VELOCITY Check ALL that apply TORRENTIAL [-1] SLOW [1] VERY FAST [1] INTERSTI FAST [1] INTERMIT MODERATE [1] EDDIES [1] Indicate for reach - pools and ri	TIAL [-1] TENT [-2]	Pool / Current Maximum 12
Indicate for function of riffle-obligate RIFFLE DEPTH BEST AREAS > 10cm [7] BEST AREAS 5-10cm [7] BEST AREAS < 5cm [metric=0]	RUN DEPTH RIFFLE Z] MAXIMUM > 50cm [2] STABLE (I] MAXIMUM < 50cm [1] MOD. STA	(Or 2 & average). / RUN SUBSTRATE RIF (e.g., Cobble, Boulder) [2]	a population FLE / RUN EMBEDD NONE [2] LOW [1] MODERATE [0] EXTENSIVE [-1]	RIFFLE [metric=0] EDNESS Riffle /
6] GRADIENT (ちの) DRAINAGE AREA (23.0	MODERATE [6-10]	%POOL: %RUN:	%GLIDE: %RIFFLE:	Gradient Maximum 10

F		
0	const	<u>-</u>
10.0		

QHEI	Score:	73.5

Stream & Location: M	Creek S.M	iles Rel	RM: 8 30 Date: 9 1 2/15
Zablotny	Scorer	s Full Name & Affiliation:	Northeast Ohio Regional Sewer District
River Code:	STORET #:	Lat./ Long.:41 .4305	181.5442 Office verified location
BEST TYPES POOL RIFE	te every type present	Check Of ORIGIN	NE (Or 2 & average) QUALITY
BLDR /SLABS [10] BOULDER [9] COBBLE [8] GRAVEL [7]	HARDPAN [4]	TILLS [1] TILLS [1] WETLANDS [0] HARDPAN [0]	SILT HEAVY [-2] MODERATE [-1] Substrate NORMAL [0] FREE [1]
	ARTIFICIAL [0] (Score natural substra	SANDSTONE [0] tes; ignore RIP/RAP [0] t-sources) LACUSTURINE [0]	MODEON DESTRUCTION MODERATE [-1] Maximum 20 NONE [1]
Comments	3 or less [0]	☐ SHALE [-1] ☐ COAL FINES [-2]	□ NONE [1]
2] INSTREAM COVER Indicate	presence 0 to 3: 0-Absent; 1-Very	small amounts or if more common ghest quality or in small amounts o	of marginal AMOUNT
quality; 3-Highest quality in moderate diameter log that is stable, well development of the control of the cont	or greater amounts (e.g., very lar oped rootwad in deep / fast water POOLS > 70cm [2] [1] ROOTWADS [1]	ge boulders in deep or fast water, I , or deep, well-defined, functional p	large
Comments	843 14 1	1.	Maximum 20
3] CHANNEL MORPHOLOGY SINUOSITY DEVELOPME HIGH [4]	ENT CHANNELIZATION	ON STABILITY HIGH [3] MODERATE [2] LOW [1]	Channel Maximum 20
EROSION WI NONE / LITTLE [3] MC MODERATE [2] MC HEAVY / SEVERE [1] VE	PARIAN WIDTH DE > 50m [4]	ach category for EACH BANK (Or : FLOOD PLAIN QUALIT OREST, SWAMP [3] HRUB OR OLD FIELD [2] ESIDENTIAL, PARK, NEW FIELD [: ENCED PASTURE [1] PEN PASTURE, ROWCROP [0]	Y R CONSERVATION TILLAGE [1] P URBAN OR INDUSTRIAL [0]
Check ONE (ONLY!) Check ONE (ONLY!) Check ONE (ONLY!)	HANNEL WIDTH ck ONE (Or 2 & average) MIDTH > RIFFLE WIDTH [2] MIDTH = RIFFLE WIDTH [1] MIDTH < RIFFLE WIDTH [0]	CURRENT VELOCITY Check ALL that apply TORRENTIAL [-1] SLOW [1] VERY FAST [1] INTERSTITIA FAST [1] INTERMITTE MODERATE [1] DEDDIES [1] Indicate for reach - pools and riffle	ENT [-2]
of riffle-obligate species: RIFFLE DEPTH RU	Check ONE (IN DEPTH RIFFLE /		population NO RIFFLE [metric=0] LE / RUN EMBEDDEDNESS
BEST AREAS > 10cm [2] MAXI BEST AREAS 5-10cm [1] BEST AREAS < 5cm [metric=0]	MUM > 50cm [2]	.g., Cobble, Boulder) [2] BLE (e.g., Large Gravel) [1] i (e.g., Fine Gravel, Sand) [0]	□ NONE [2] □ LOW [1] □ MODERATE [0] Riffle / Run
Comments			EXTENSIVE [-1] Maximum
DRAINAGE AREA	VERY LOW - LOW [2-4] MODERATE [6-10] HIGH - VERY HIGH [10-6]		%GLIDE: Gradient Maximum 10
EPA 4520			06/16/06

Stream Drawing: Compared Refle bordy Refle bordy Refle And Sold Refle A	AJ SAMPLED REACH Check ALL that apply METHOD STAGE BOAT WADE L.LINE OTHER OSKM 0.5 Km 0.15 Km 0.12 Km 0.13 Km 0.14 Km 0.15 Km 0.16 Cm 0.18 AESTHETICS INVASIVE MACROPHYTES
The second of th	DJ MAINTENANCE PUBLIC / PRIVATE / BOTH / NA ACTIVE / HISTORIC / BOTH / NA YOUNG-SUCCESSION-OLD SPRAY / SNAG / REMOVED MODIFIED / DIPPED OUT / NA LEVEED / ONE SIDED RELOCATED / CUTOFFS MOVING-BEDLOAD-STABLE ARMOURED / SCOURED IMPOUNDED / DESICCATED FLOOD CONTROL / DRAINAGE
Lord grass y	Circle some & COMMENT
THE END SUBSTITUTE STATE OF THE SECOND STATE OF THE STATE	B] AESTHETICS D] MAINTENANCE Circle some & COMMENT WASNE MACROPHYTES PUBLIC / PRIVATE / BOTH / NA ACTIVE / HISTORIC / BOTH / NA YOUNG-SUCCESSION-OLD SPRAY / SNAG / REMOVED DOLL SHEEN LEVEED / ONE SIDED RELOCATED / CUTOFFS SLUNGE BEPOSITS SLUNGE BEPOSITS SLANDS / SCOURED MOUNTED / SLUNGES BEOLOGADS / STABLE ARMOURED / SLUNGES SLANDS / SCOURED MROUNDED / DESICCATED MROUNDED /
College of the Colleg	FJ MEASUREMENTS x width x depth max. depth bankfull x depth bankfull x depth bankfull max. depth floodprone x² width entrench. ratio Legacy Tree:



QHEI	Score:	70,25

Stream & Location: Mill Cr @ Concl Rd RM: 0.12 Date: 08/05/15
Jonathan Braver, Seth Wothen Scorers Full Name & Affiliation: Northeast Ohio Regional Sewer District
River Code: STORET #: Lat./ Long.: 4 1 . 4 1 . 79 /8 1 . 6385 Office verified location
1] SUBSTRATE Check ONLY Two substrate TYPE BOXES; estimate % or note every type present BEST TYPES POOL RIFFLE BADDR /SLABS [10]
2] INSTREAM COVER Indicate presence 0 to 3: 0-Absent; 1-Very small amounts or if more common of marginal quality; 2-Moderate amounts, but not of highest quality or in small amounts of highest quality; 3-Highest quality in moderate or greater amounts (e.g., very large boulders in deep or fast water, large diameter log that is stable, well developed rootwad in deep / fast water, or deep, well-defined, functional pools. O UNDERCUT BANKS [1] POOLS > 70cm [2] O OXBOWS, BACKWATERS [1] MODERATE 25-75% [7] O OVERHANGING VEGETATION [1] O ROOTWADS [1] AQUATIC MACROPHYTES [1] SPARSE 5-<25% [3] I SHALLOWS (IN SLOW WATER) [1] BOULDERS [1] LOGS OR WOODY DEBRIS [1] NEARLY ABSENT <5% [1] ROOTMATS [1] Cover Maximum 20
3] CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average) SINUOSITY DEVELOPMENT CHANNELIZATION STABILITY HIGH [4] EXCELLENT [7] NONE [6] HIGH [3] MODERATE [3] GOOD [5] RECOVERED [4] MODERATE [2] LOW [2] FAIR [3] RECOVERING [3] LOW [1] NONE [1] POOR [1] RECENT OR NO RECOVERY [1] Comments Channel Maximum 20
4] BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank & average) River right looking downstream RIPARIAN WIDTH FLOOD PLAIN QUALITY FLOOD PLAIN QUALIT
5] POOL / GLIDE AND RIFFLE / RUN QUALITY MAXIMUM DEPTH CHANNEL WIDTH CHANNEL WIDTH Check ONE (ONLY!) Check ONE (Or 2 & average) Check ALL that apply > 1m [6] POOL WIDTH > RIFFLE WIDTH [2] TORRENTIAL [-1] SLOW [1] 0.7-<1m [4] POOL WIDTH = RIFFLE WIDTH [1] VERY FAST [1] INTERSTITIAL [-1] 0.4-<0.7m [2] POOL WIDTH < RIFFLE WIDTH [0] FAST [1] INTERMITTENT [-2] 0.2-<0.4m [1] Condicate for reach - pools and riffles. Comments Recreation Potential Primary Contact (circle one and comment on back) Pool / Current Maximum 12
Indicate for functional riffles; Best areas must be large enough to support a population of riffle-obligate species: Check ONE (Or 2 & average). RIFFLE DEPTH RUN DEPTH RIFFLE / RUN SUBSTRATE BEST AREAS > 10cm [2] BEST AREAS > 10cm [1] BEST AREAS 5-10cm [1] BEST AREAS < 5cm [metric=0] Comments MAXIMUM > 50cm [1]
6] GRADIENT (10.20 ft/mi) UVERY LOW - LOW [2-4] %POOL: %GLIDE: Gradient Maximum (19.50 mi²) HIGH - VERY HIGH [10-6] %RUN: %RIFFLE: Maximum 10

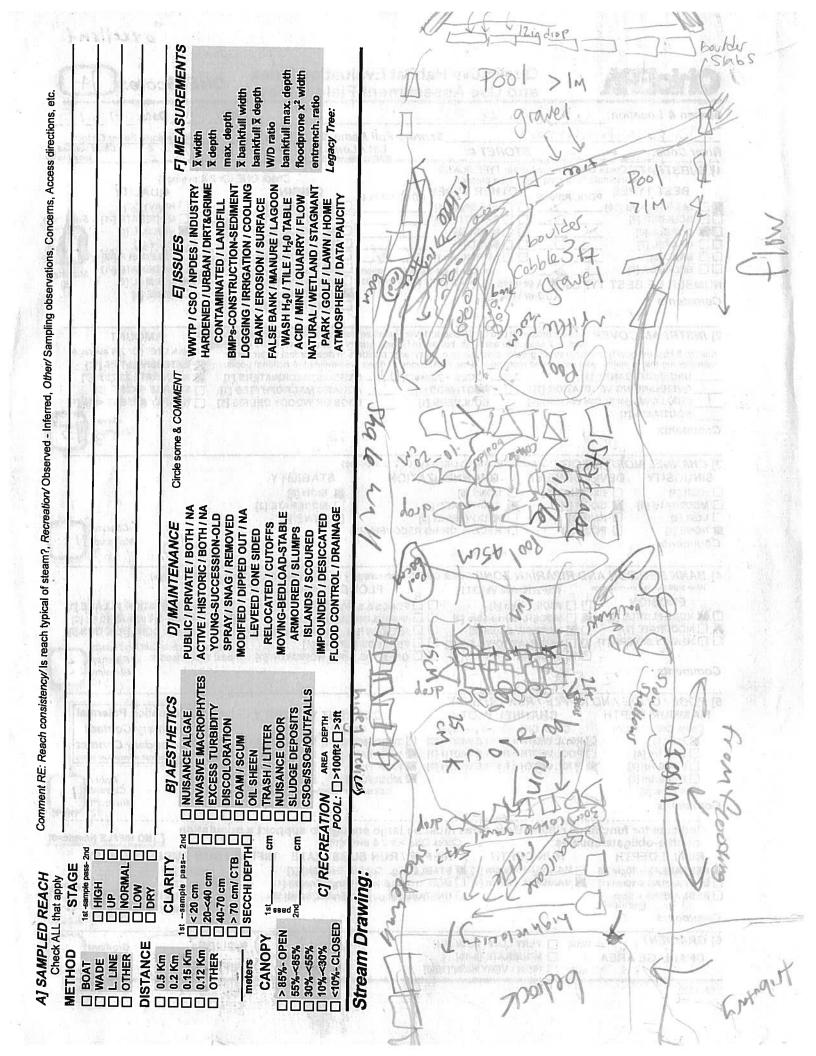
A] SAMPLED REACH Check ALL that apply	Comment RE: Reach consistency/	s reach typical of steam?, Recreation	n/ Observed - Inferred, Other	/Sampling observations, C
METHOD STAGE		3		The second
□ WADE □ HIGH □				
OTHER NORMAL		-	:	L.
DISTANCE DRY	- DIAFOTUETION	DIMANTENANCE		FUSCUE
0.5 km	☐ INVASIVE MACROPHYTES ☐ EXCESS TURBIDITY ☐ DISCOLORATION ☐ FOAM / SCUM ☐ OIL SHEEN	DJ MAINTENANCE PUBLIC / PRIVATE / BOTH / NA ACTIVE / HISTORIC / BOTH / NA YOUNG-SUCCESSION-OLD SPRAY / SNAG / REMOVED MODIFIED / DIPPED OUT / NA LEVEED / ONE SIDED RELOCATED / CUTOFFS	Circle some & COMMENT	EJ ISSUE: WWTP / CSO / NPDES / HARDENED / URBAN / D CONTAMINATED / L/ BMPs-CONSTRUCTION LOGGING / IRRIGATION BANK / EROSION / S FALSE BANK / MANURE
□ > 85%- OPEN 🖁	□ NUISANCE ODOR	MOVING-BEDLOAD-STABLE ARMOURED / SLUMPS		WASH H ₂ 0 / TILE / H ₂ ACID / MINE / QUARR
☐ 55%-<85% 2nd cm ☐ 30%-<55% ☐ 10%-<30% <i>C] RECRI</i>	☐ CSOs/SSOs/OUTFALLS	ISLANDS / SCOURED IMPOUNDED / DESICCATED		NATURAL / WETLAND / PARK / GOLF / LAWN
☐ 10%-<30%	POOL: □ >100ft² □ >3ft	FLOOD CONTROL / DRAINAGE		ATMOSPHERE / DATA
Stream Drawing:	The state of the s	i.ffr		
	A North	See The		
0	F 25 18	The state of the s		
ř v	a,		Open	
720	13/14	3 2 13	Field	
	1/2/6	4000	116 16	
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() Bur	6			
MA .	15 cm/h	Grass		
V	Canal RI			

ChioEPA

Qualitative Habitat Evaluation Index and Use Assessment Field Sheet

QHEI Score: 14

Stream & Location	n: West Cr	eek RM 2.1	0	RM: 2.10 Da	nte: 07/02/15
Donna	Friedman	Scorers I	Full Name & Affiliation	: Northeast Ohio Regio	onal Sewer District
River Code:		RET #:	Lat./Long.:41 41	3 181.694	Office verified location □
BEST TYPES BLDR /SLABS [* BOULDER [9] COBBLE [8] GRAVEL [7] GRAVEL [7] BEDROCK [5] NUMBER OF BES Comments	T TYPES: 4 or mo	Pe present FHER TYPES HARDPAN [4] DETRITUS [3] MUCK [2] SILT [2] ARTIFICIAL [0] (Score natural substrates re [2] sludge from point-se [6]	ORIGIN LIMESTONE [1] TILLS [1] WETLANDS [0] HARDPAN [0] SANDSTONE [0] GIP/RAP [0] DUTCES) LACUSTURINE [0] SHALE [-1] COAL FINES [-2]	SILT HEAD NOR HEAD NO	JALITY VY [-2] DERATE [-1] MAL [0] ENSIVE [-2] DERATE [-1] MAL [0] Maximum 20
quality; 3-Highest qual djameter log that is sta UNDERCUT BA	quality; 2-Moderate Ity in moderate or greater ble, well developed rooty	e amounts, but not of higher amounts (e.g., very large	mall amounts or if more commest quality or in small amount boulders in deep or fast water deep, well-defined, functions OXBOWS, BACKWAT AQUATIC MACROPHY LOGS OR WOODY DE	s of highest cr. large Check ON ERS [1] MODER TES [1] SPARS	MOUNT E (Or 2 & average) SIVE >75% [11] ATE 25-75% [7] E 5-<25% [3] Y ABSENT <5% [1]
O O O O O O O O O O O O O O O O O O O	6+1		7		Maximum 20
HIGH [4] MODERATE [3] LOW [2] NONE [1] Comments] FAIR [3]	CHANNELIZATION NONE [6] RECOVERED [4] RECOVERING [3] RECENT OR NO RECOVERED [4]	HIGH [3] MODERATE [2] LOW [1] /ERY [1]	SENOARD SENOARD SELECTOR VIDELET M	Channel Maximum 20
River right looking down	RIPARIAN RIPARIAN RIPARIAN RIPARIAN RIPARIAN RIPARIAN RIPARIAN RIPARIAN RIPARIAN RIPARIAN RIPARIAN RIPARIAN RIPARIAN RIPARIAN	WIDTH	n category for EACH BANK (0 FLOOD PLAIN QUAL EST, SWAMP [3] UB OR OLD FIELD [2] IDENTIAL, PARK, NEW FIELI CED PASTURE [1] IN PASTURE, ROWCROP [0]	ITY CONSERV. URBAN OF Indicate predomin	ATION TILLAGE [4] R INDUSTRIAL [0] ONSTRUCTION [0] ent lend use(s) 7. Riparian
Comments	2.5+2.5	0 4		A MARKET	Maximum 10
5] POOL / GLIDE A MAXIMUM DEPT Check ONE (ONLY)	AND THE RESERVE TO SERVE THE PROPERTY OF THE P	L WIDTH or 2 & average) EFFLE WIDTH [2] TO EFFLE WIDTH [6] FA WIFFLE WIDTH [0] M M M M M M M M M M M M M	CURRENT VELOCITY Check ALL that apply RRENTIAL [-1] SLOW [1] RY FAST [1] INTERST ST [1] INTERMIT DERATE [1] EDDIES [Indicate for reach - pools and reach	Prim. Secon (circle one secon) [TENT [-2]	tion Potential ary Contact dary Contact and comment on back) Pool / Current Maximum 12
Indicate for fu of riffle-obliga RIFFLE DEPTH BEST AREAS > 10cm BEST AREAS 5-10cm BEST AREAS < 5cm [metric	te species: RUN DEP¹ n [2] □ MAXIMUM > 50 n [1] □ MAXIMUM < 50	Check ONE (Or RIFFLE / R Corn [2] STABLE (e.g. Corn [1] MOD. STABL	UN SUBSTRATE RIF	a population FLE / RUN EMBE NONE [2] LOW [1] MODERATE EXTENSIVE	roi Riffle /
6] GRADIENT (3), DRAINAGE AR	EA MODER	OW - LOW [2-4] ATE [6-10] /ERY HIGH [10-6]	%POOL: %RUN:) %GLIDE:)%RIFFLE:	Gradient Maximum 10



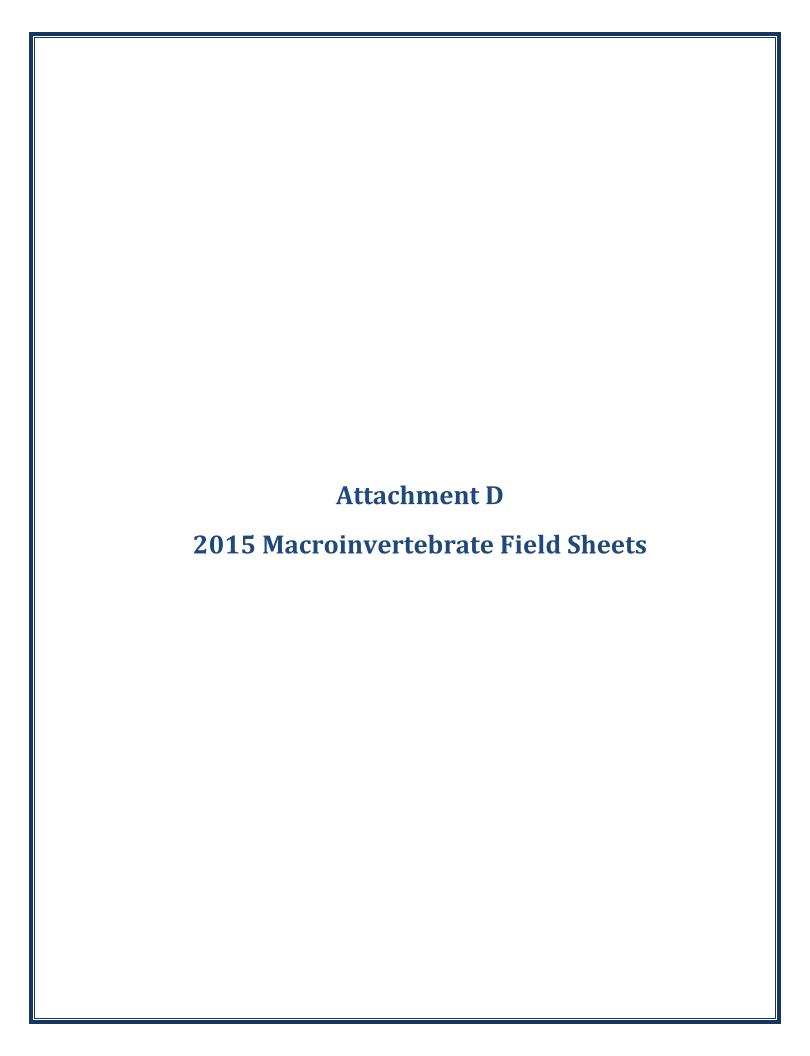


QHEI Score: 57

Stream & Location: Was + Creek	RM: 0.20 Date: 7 124 15
Zublotun Boggan Scorers	Full Name & Affiliation: Northeast Ohio Regional Sewer District
River Code: STORET #:	Lat./Long.: NAD 83 - decimal 9 . 41 45 /8 1 . 4477, Office verified location
1] SUBSTRATE Check ONLYTwo substrate TYPE BOXES; estimate % or note every type present	Check ONE (Or 2 & average)
BEST TYPES POOL RIFFLE OTHER TYPES POOL	RIFFLE ORIGIN QUALITY
LI BLDR /SLABS [10] LI HARDPAN [4]	LIMESTONE [1]
BOULDER [9] UDETRITUS [3] DETRITUS ILLS [1] SILT MODERATE [-1] Substrate WETLANDS [0] SILT MODERATE [-1] Substrate	
GRAVEL [7] SILT [2]	THARDPAN (0) TEREF (4)
SAND [6] ARTIFICIAL [0] Score natural substrat	SANDSTONE [0] SANDSTONE [1] EXTENSIVE [-2] Maximum Sources) SANDSTONE [0] Moderate [-1] Maximum SOurces) SANDSTONE [1]
NUMBER OF BEST TYPES: 4 or more [2] sludge from point	es; ignore Identify
Comments 3 or less [0]	☐ SHALE [-1] ☐ NONE [1] ☐ COAL FINES [-2]
2] INSTREAM COVER Indicate presence 0 to 3: 0-Absent; 1-Very quality: 2-Moderate amounts, but not of his	thest quality or in small amounts of highest
quality; 3-Highest quality in moderate or greater amounts (e.g., very lar diameter log that is stable, well developed rootwad in deep / fast water,	ge boulders in deep or fast water, large Check ONE (Or 2 & average)
UNDERCUT BANKS [1] POOLS > 70cm [2]	OXBOWS, BACKWATERS [1] MODERATE 25-75% [7]
OVERHANGING VEGETATION [1] ROOTWADS [1] SHALLOWS (IN SLOW WATER) [1] BOULDERS [1]	AQUATIC MACROPHYTES [1] SPARSE 5-<25% [3] LOGS OR WOODY DEBRIS [1] NEARLY ABSENT <5% [1]
SHALLOWS (IN SLOW WATER) [1] BOULDERS [1] C ROOTMATS [1]	Cover
Comments	Maximum 6
	20
3] CHANNEL MORPHOLOGY Check ONE in each category (Or SINUOSITY DEVELOPMENT CHANNELIZATION)	
☐ HIGH [4] ☐ EXCELLENT [7] ☐ NONE [6]	☐ HIGH [3]
☐ MODERATE [3] ☐ GOOD [5] ☐ RECOVERED [4]	MODERATE [2]
LOW [2]	DVERY [1] Channel
Comments	Maximum 20
4] BANK EROSION AND RIPARIAN ZONE Check ONE in e	ach category for EACH BANK (Or 2 per bank & average) FLOOD PLAIN QUALITY
EDOCION LR	DREST, SWAMP [3] R CONSERVATION TILLAGE [1]
MODERATE 10-50m [3]	IRUB OR OLD FIELD [2] URBAN OR INDUSTRIAL [0]
☐ ☐ MODERATE [2] ☐ NARROW 5-10m [2] ☐ ☐ RI ☐ ☐ HEAVY / SEVERE [1] ☐ ☐ VERY NARROW < 5m [1] ☐ ☐ FE	SIDENTIAL, PARK, NEW FIELD [1] MINING / CONSTRUCTION [0] Indicate predominant land use(s)
	PEN PASTURE, ROWCROP [0] Indicate predominant land use(s) past 100m riparian. Riparian
Comments	Maximum 10
5] POOL / GLIDE AND RIFFLE / RUN QUALITY	THE RESERVE TO THE PARTY OF THE
MAXIMUM DEPTH CHANNEL WIDTH	CURRENT VELOCITY Recreation Potential
Check ONE (ONLY!) Check ONE (Or 2 & average)	Check ALL that apply Primary Contact
	FORRENTIAL [-1] SLOW [1] Secondary Contact (circle one and comment on back)
□ 0.4~0.7m [2]	AST [1] INTERMITTENT [-2]
☐ 0.2<0.4m [1]	MODERATE [1] DEDDIES [1] Pool / Current
Comments	Maximum 12
Indicate for functional riffles; Best areas must be I	arge enough to support a population
of riffle-obligate species: Check ONE (Or 2 & average).
ingle-control for an analysis and the first of the first	RUN SUBSTRATE RIFFLE / RUN EMBEDDEDNESS
■ BEST AREAS > 10cm [2] ■ MAXIMUM > 50cm [2] ■ STABLE (e ■ BEST AREAS 5-10cm [1] ■ MAXIMUM < 50cm [1] ■ MOD. STAB	g., Cobble, Boulder) [2] NONE [2] NONE [2] LOW [1]
	LL (e.g., Large Clave)[1]
[metric=01	(e.g. Fine Gravel Sand) [0] MODERATE [0] Riffle
[metric=0] Comments	
[metric=0] Comments	(e.g., Fine Gravel, Sand) [0] MODERATE [0] Riffle / Run EXTENSIVE [-1] Maximum 8
[metric=0]	(e.g. Fine Gravel Sand) [0] MODERATE [0] Riffle

EPA 4520

06/16/06



NEORSD Macroinvertebrate Field Sheet

Stream: Br Creek River Mile: 4,40 Year: 20/5
Location: Memphr Tiedemon Park Project: 2015 Br breck Enviro. Maniforty
Drainage Area (mi²): 19.30 Latitude (°N)/Longitude (°W): 41.44601, -81.7540
Hester-Dendy Deployment Information
Install Date: 07-22-15 Crew Initials (QDC Circled): J. Zhowles O. Kn. He
Current at HD (fps):
Reinstall Date: Crew Initials (QDC Circled):
Current (fps): Depth (cm): Reason:
Reinstall Date: Crew Initials (QDC Circled):
Current (fps): Depth (cm): Reason:
Sampling/Retrieval Information
Sampling Method: Hester-Dendy Dipnet Surber Core Other:
Sample ID: HD: Qualitative: 15Q004 Other:
Sampling Date: 09/02/2015 Crew Initials (QDC Circled): JK ES J. Walt
notice-neved missins
HD Condition- Current (fps): Depth (cm): Water Temp: oF / oC
Number of HD Blocks Obtained: Remarks:
Disturbed: Yes No Comments: Debris: Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Dipnet- Time Sampled (min): 55 X Number of Crew: 2 = Total (min): 1/0
Habitats Sampled: Pool Riffle Run Margin Backwater
Samples Analyzed By: QDC #: Date:
River Sampling Conditions
Flow Condition: Flood Above Normal Normal Low Interstitial Intermittent Dry
Current Velocity: Fast Moderate Slow Non-detect
Channel Morphology: Natural Channelized (Recovered) Impounded
Bank Erosion: Extensive Moderate Slight None
Riffle Development: Extensive Moderate Sparse Absent
Riffle Quality: Good Fair Poor Embedded: Yes No
Water Clarity: Clear Murky Turbid Other:
Water Color: None Green Brown Grey Other: Canopy: Open 75 % 50 % 25 % Closed
Comment Section:

Physical Characteristics Predominant Land Use (Left, Right or Both) **Substrate Characteristics** Open Pasture Forest Urban_ Riffle Run -Residential/Park Closed Pasture Shrub Old Field Mining/Construction Wetland 14 Rowcrop Bedrock Other Industrial Boulder Rubble Predominant Riparian Vegetation Coarse Gravel Left Right Type Fine Gravel Large Trees Sand Small Trees Silt Shrubs Clay/Hardpan Grass/Weeds Detritus None Peat Muck Margin Habitat Other Poor Margin Quality: Good Eair Macrophytes Root Mats **Undercut Banks** Algae Water Willow Grass Artifacts Clay/Hardpan Shallows Compaction (F,M,S) Bulkhead Rip Rap Depth (Avg) Other Width (Avg) **Biological Characteristics** V= Very Abundant; A= Abundant; C= Common; R= Rare Riffle: Raetidae Overall Amount (V=>151; A= 150-101; C= 100-11; R= 10-1) Predominant Organism: Porifera, Bryozoa Other Common Organisms: Turbellaria, Oligochaeta, Hirudinea High Moderate Low Density: Isopoda, Amphipoda High Moderate Low Diversity: Decapoda, Hydracarina Ephemeroptera Run: Baetidae Predominant Organism: Other Other Common Organisms: Oligoch me to Zygoptera, Anisoptera Low Moderate Density: High Plecoptera Moderate Low High Diversity: Hemiptera Megaloptera, Neuroptera Pool: Trichoptera Predominant Organism: Hydropsychidae Other Common Organisms: misu Other Density: High Moderate Low Coleoptera Moderate Low Diversity: High Elimidae Other Margin: Diptera Predominant Organism: Chironomidae Other Common Organisms: Other Moderate Low Density: High Gastropoda, Bivalvia Moderate Low Diversity: High Other Other Other Notable Collections: Other

NEORSD Macroinvertebrate Field Sheet

Stream: By Ueck River Mile: 0.15 Year: 2015
Location: DS of Jens. 4 5 Ed Project: NEORSD 7015 By Levell time Manikon
Drainage Area (mi ²): 37.10 Latitude (°N)/Longitude (°W): 41.44617, -81.68675
Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: EOLP
Hester-Dendy Deployment Information
Install Date: 07-22-15 @ 0900 Crew (QDC Circled): R. Malche E. Spelinian
Current at HD (fps): 10.31 Depth (cm): 18 Pictures Obtained: Yes No
Replicate/Reinstall Date: Crew (QDC Circled):
Current (fps): Depth (cm): Reason:
Sampling/Retrieval Information
Sampling Method: Hester-Dendy Dipnet Surber Core Other:
Sample ID: HD: 15 HOO! Qualifative: 15 Q QOZ Other:
Sampling Date: 09-03-15@ 1055 Crew (QDC Circled): (R. Matchle) D. Phillips
OEPA Comment Field Codes: Water Temp: °C / °F
HD Condition- Current (fps): (1).03 Depth (cm): School HD Info: 1-2 HD Info: 1-2 HD Info: 1-3 HD
Number of HD Blocks Obtained: Remarks: Remarks:
Disturbed: Yes (No) Debris: No Comments: Leaves +7215
Silt/Solids: None Slight Moderate Heavy
Replicate: Current (fps): Depth (cm): HD Info: HD Info:
Number of HD Blocks Obtained: Remarks:
Disturbed: Yes No Debris: Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Dipnet- Time Sampled (min): $\frac{40}{200}$ X Number of Crew: $\frac{1}{200}$ = Total (min): $\frac{40}{200}$
Start Time: 11 20cm End Time: 12 00 m Notes: Habitats Sampled: Pool Riffle (Run) (Margin) Backwater
River Sampling Conditions
Flow Condition: Flood Above Normal Normal Low Interstitial Intermittent Dry
Current Velocity: Fast Moderate Slow Non-detect
Channel Morphology: Natural Channelized Channelized (Recovered) Impounded
Bank Erosion: Extensive Moderate Slight None
Riffle Development: Extensive Moderate Sparse Absent
Riffle Quality: Good Fair Poor Embedded: Yes No
Water Clarity: Clear Murky Turbid Other:
Water Color: Green Brown Grey Other:
Canopy over HD: Open 75 % 25 % Closed
Comment Section: Habital continues to de will
Section 1 to 1 to 1 to 1 to 1 to 1 to 1 to 1
Samples Analyzed By: QDC #: Date:
Company/Entity:

NEORSD Macroinvertebrate Field Sheet

Physical Characteristics

Substrate Characteristics				Predominant Land Use (Left, Right or Both)					
Bedrock	Pool	Riffle Units	Run Units	Rov	ib Field crop	Min	an idential/Pa iing/Const tland		Open Pasture Closed Pasture
Boulder Rubble Coarse Gravel Fine Gravel Sand Silt Clay/Hardpan Detritus Peat	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	7777	<i>J J J J</i>			Oth Riparia Right	n Vegeta Type Larg Sma	e Trees Il Trees ibs ss/Weeds	Riparian Width Left: Right: Units:
Muck Other Macrophytes Algae Artifacts Compaction (F,M,S) Depth (Avg) Width (Avg)	7 5 3 Ft 20 Ft	77508	10 SK	,'	Undercut Grass Shallows Rip Rap Other	Banks	Wat Clay	t Mats) er-Willow //Hardpan chead	Tree Roots Woody Debris Macrophytes
Evidence of Pollution	-	Track	747	X.(3)					
Potential Pollution S	ources:		nan	-1	Charact		-		
Diversity: Run: Predominant Org Other Common O	Organism: High High _ % ganism: Organism	Moder Moder	et d=				Overall Amou	Porifera, Bry Turbellaria, (Isopoda, Am Decapoda, H Ephemeropte Baetida Heptagen	Oligochaeta, Hirudinea phipoda (ydracarina cra
•	High High	Moder Moder	-24	zow) zow)			K /	Other Zygoptera, A Plecoptera	nisoptera
Pool: LO Predominant Org Other Common O Density: Diversity:		s: Moder	ate (ow)			A R	Hemiptera Megaloptera Trichoptera Hydrop Hydrop	, Neuroptera sychidae tilidae, Leptoceridae
Margin: Predominant Org Other Common of Density: Diversity: Other Notable Collect	Organism High High		- 1	Jow)			R/A	Other Coleoptera Elimida Other Diptera Chirone Tipulid Other Gastropoda,	midae ae, Simuliidae M.SC
Field Narrative	Rating:	Е	VG	G	MG	F	P	Other VP	177

Stream: Lyalogy Kown River Mile: 12.10 Year: 2015
Location: UP of I-480 BASho Project: NEOKSD ZOTS Cyclosy To En. Mandridg
Drainage Area (mi²): 709 Latitude (°N)/Longitude (°W): 41, 4077, -81, 6336
Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region:
Hester-Dendy Deployment Information
Install Date: 07-30-15 @ 1053 Crew (QDC Circled): 7. Marchle E. Sochafen J. Wight
Current at HD (fps): 1,49 Depth (cm): Z3 Pictures Obtained Ves No
Replicate/Reinstall Date: Crew (QDC Circled):
Current (fps): Depth (cm): Reason:
Sampling/Retrieval Information
Sampling Method: Hester-Dendy Dipnet Surber Core Other:
Sample ID: HD: 15H029 Qualitative: 15Q030 Other:
Sampling Date: 09-10-15 @ 1415 Crew (QDC Circled) E. Michte E. Sehnlen
OEPA Comment Field Codes: Water Temp: Z4.0 © F
HD Condition- Current (fps): 0,92 Depth (cm): 15 HD Info:
Number of HD Blocks Obtained: Remarks:
Disturbed: Yes Debrie Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Replicate: Current (fps): Depth (cm): HD Info:
Number of HD Blocks Obtained: Remarks:
Disturbed: Yes No Debris: Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Dipnet- Time Sampled (min): 60 X Number of Crew: 2 = Total (min): 126
Start Time: 14.25 End Time: 15.25 Notes:
Habitats Sampled: Pool Riffle Run Margin Backwater
River Sampling Conditions
Flow Condition: Flood Above Normal Normal Low Interstitial Intermittent Dry
Current Velocity: Fast Moderate Slow Non-detect
Channel Morphology: Natural Channelized Channelized (Recovered) Impounded
Bank Erosion: Extensive Moderate Slight None
Riffle Development: Extensive Moderate Sparse Absent
Riffle Quality: Good Fair Poor Embedded: Yes No
Water Clarity: Clear Murky Turbid Other:
Water Color: None Green Brown Grey Other:
Canopy over HD: Open 75 % 50 % 25 % Closed
Comment Section:
Samples Analyzed By: Be-t Remley QDC #: 00873 Date: 10/27/15
Company/Entity: Third Rock Consultants LLC

Substrate C	Charact	teristi	ics			Predominant Land		t, Right or Bo		
	<u>5</u>	5	je	Ħ			lrban .esidential	/Doels	Open Pasture Closed Pasture	
	Pool	Units	· Kuttik Units	Run	Units			nstruction	Closed Pasture	
Bedrock			Η°		Þ		Vetland	ilsti uction		
Boulder		Н	H				ther			
Rubble		Н	10			industrial (i	dici			
Coarse Gravel	H		Н	K		Predominant Ripa	rion Vege	tation	Riparian Width	
Fine Gravel	H-I			4		Left Right		ype	Ripartan Widen	
Sand	HH		Н	2	Law Acres	Lott Right		arge Trees	Left:	
Silt	H	H		1	A Second			nall Trees		
Clay/Hardpan	H	H		K	100			rubs	Right:	
Detritus		H	-	1				rass/Weeds	Tabita	
Peat		H	\dashv	1			_	one	Units:	
Muck		H					''	one	Oms	
Other		H				Margin Habitat				
Macrophytes	- 177	_ H		24.1		Undercut Bank	c D	oot Mats	Tree Roots	
Algae		H	1.7	05		Grass		ater Willow	Woody Debris	
Artifacts	H	- -	-			Shallows		lay/Hardpan	•	
		H	-					ulkhead	Macrophytes	
Compaction (F,M,S)		- -	_	1		Rip Rap	В	uiknead		
Depth (Avg)		H	-	500		Other	Cood	Fair	Poor	
Width (Avg)	4	- 4		(X)		Margin Quality:	Good	rair	FOOF	
Evidence of Pollution	_					241 11				
Potential Pollution S	Sources	s: _			* .				REAL TO T 100	
					Biolo	gical Characteristic	es .			
Riffle:	_%						V≃ Very	Abundant; A= Abur	idant; C= Common; R= Rare	
Predominant Org	ganism:	-					Overall Ar	nount (V-	>151; A= 150-101; C= 100-11; R=	10-1)
Other Common	Organis	ms:_					1R	Porifera, Bry	OZOR	
Density:	High		Mode	rate	Lov	/-	RTKI	Turbellaria, (Oligochaeta, Hirudinea	
Diversity:	High		Mode	rate	Lov	1	10		phipoda	
160							1R	200100000000000000000000000000000000000		
Run: 100	_%		2 1	1/-				Ephemeropte		
Predominant Org		_	Bael	,00	e	2760	<u>A</u>	Baetida	e	
Other Common	_	ms:_			MIKE		CRT	Heptagen	iidae, Leptohyphidae, Caenidae	14.
Density:	High		Mode		> Lov	JL9		Other		- 1
Diversity:	High		Mode	rate) Low	′	13+/+		nisoptera	
	2100	0					R- ?	Plecoptera		= (, , , , , , , , , , , , , , , , , ,
Pool:	_%						K		water scorpian	and post in la
Predominant Org							1.7	Megaloptera	, Neuroptera	
Other Common		sms:_						Trichoptera		
Density:	High		Mode		Lov		1		sychidae	
Diversity:	High		Mode	rate	Lov		KIR		tilidae, Leptoceridae	
							C/G	Other		
Margin:	_%		50	1.				Coleoptera		
Predominant Or	_		Scu				e		ie	
Other Common	_	sms:_	EIM				- 1	Other		
Density:	High		Mode		Lov			Diptera		
Diversity:	High	کے	Mode	rate	Lov		C	Chiron		
0.11 37 4 4 1 7 0 77			7 .	A A	. 0 1	william it is	18		ae, Simuliidae	
Other Notable Collect	ctions:	_	<u> </u>	6.46	- LINIO	intolar obtain	0 10	Other	Districts	
Picture.		-	HAREH			78 10101	RIF	Castropoda,	Bivalvia 1015ca	7
									10(0)(4)	
Field Narrative	Rating		E		VG /	G MG F	P	VP		

Stream: Lyaluga River Mile: 7.00 Year: 2015
Location: DS Lower Harvard Project: 2015 NBCCS D (workers Ro Enes Manufacing
Drainage Area (mi²): 786 Latitude (°N)/Longitude (°W): 41. 4489, -81.6830
Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: FOLF
Hester-Dendy Deployment Information
Install Date: 07-30-15@ 1443 hrs Crew (QDC Circled): Maichle E. Sochaku
Current at HD (fps): Depth (cm): 35 Pictures Obtained Yes No
Replicate/Reinstall Date: Crew (QDC Circled):
Current (fps): Depth (cm): Reason:
Sampling/Retrieval Information
Sampling Method: Hester-Dendy Dipnet Surber Core Other:
Sample ID: HD: 15H019 Qualitative: 150019 Other:
Sampling Date: 09-10-15 @ 1030 Crew (QDC Circled): Timarkly E. Sochulen
OEPA Comment Field Codes: X 15 (WM 2 40.3) Water Temp: 22.9 60 °F
HD Condition- Current (fps): 0,17 Depth (cm): HD Info: HD Info:
Number of HD Blocks Obtained: 5 Remarks:
Disturbed: Yes Debris: Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Replicate: Current (fps): Depth (cm): HD Info:
Number of HD Blocks Obtained: Remarks:
Disturbed: Yes No Debris: Yes No Comments:
Silt/Solias: None Slight Moderate Heavy
Dipnet- Time Sampled (min): 30 X Number of Crew: 2 = Total (min): 60
Start Time: 10:45 End Time: 11:315 Notes:
Habitats Sampled: Pool Riffle Run Margin Backwater
River Sampling Conditions
Flow Condition: Flood Above Normal Normal Low Interstitial Intermittent Dry
Current Velocity: Fast Moderate Slow Non-detect
Channel Morphology: Natural Channelized (Recovered) Impounded
Bank Erosion: Extensive Moderate Slight None
Riffle Development: Extensive Moderate Sparse Absent
Riffle Quality: Good Fair Poor Embedded: Yes No Water Clarity: Clear Murky Turbid Other:
Water Color: None Green Brown Grey Other:
Canopy over HD: Open 75 % 50 % 25 % Closed
The second of
Macroiners brate populations
Sanda Andrew Co. 1
Samples Analyzed By: Remey QDC#: 00873 Date: 10/28/15
Company/Entity: Third Rock Consultants, LLC

Substrate C	harac	teri	stics					Pred	lomina	nt La	nd U	J șe (Left, l	Right or Bot	
	10		Ξle		Ę			Fore			Urb	oan sidential/Pa	a mile	Open Pasture Closed Pasture
	Pool	Units	Riffle	Units	Run	Units		Shru	rield			ning/Const		Closed Fasture
Bedrock		٦)	7	٦					crop			tland		
Boulder			V		-			Indu	strial		Oth	er		
Rubble			\mathbb{V}		K			4						
Coarse Gravel					4							an Vegeta		Riparian Width
Fine Gravel			14		e/			Left		Rig		Туре		
Sand	4	-	1		К.			_		K	<u> </u>		e Trees	Left:
Silt	90.00	4	\mathbb{H}		K							_ Sma Shru	ll Trees	Diaht
Clay/Hardpan Detritus	K		H		N/			-				_	s/Weeds	Right:
Peat	H		H		X			~	, 			Non		Units:
Muck	H		H		X				_	_		_ 11011	•	
Other			\Box					Mai	rgin Ha	bitat			•	
Macrophytes			H		=				Under		nks	Roo	t Mats	Tree Roots
Algae			П		of				Grass			Wat	er Willow	Woody Debris
Artifacts			Π		K				Shallov	NS		Clay	/Hardpan	Macrophytes
Compaction (F,M,S)									Rip Ra	p		Bulk	chead	
Depth (Avg)	5				43	ľ.			Other					
Width (Avg)	5'		1		50			Mar	gin Qu	ality:		Good	Fair	Poor
Evidence of Pollution	n:											1011		The state of the s
Potential Pollution S	ource	s:	TI'										HW.	18 1 . 30 illus
						В	Biolo	gical	Chara	cteris	tics			
Riffle:	_%											V= Very Ab	undant; A= Abund	lant; C= Common; R= Rare
Predominant Org											_ (Overall Amou		>151; A= 150-101; C= 100-11; R= 10-1)
Other Common (_	sms									_	KIR	Porifera, Bryo	
•	High			lode			Low					BAK.K		Digochaeta, Hirudinea
Diversity:	High		IVI	lode	rate		Low	,				K / 2	Isopoda, Amp Decapoda, Hy	
Run: 95	%											/ //	Ephemeropte:	
Predominant Org			12	000	1,0	100	2					0-	Baetidae	
Other Common (-			ے امار	, ,,	<u> </u>					-	B+IRI		dae, Leptohyphidae, Caenidae
	High			lode	rate		Lov	\sim			_		Other	
•	High		M	[ode:	rate	يح	Lov	V .				R1	Zygoptera, A	nisoptera
	tot u												Plecoptera	
Pool: 5	_%				1							Jan Ji	Hemiptera	
Predominant Org				1id	90-						_ 111	/	Megaloptera,	Neuroptera
Other Common (sms		_							_	0.0	Trichoptera	T
Density:	High			lode		6	Lov					10-	Hydrops	
Diversity:	High		M	lode	rate		Lov	V /				18-	Hydropt Other	ilidae, Leptoceridae
Margin:	%											-9-11	Coleoptera	
Predominant Org	_		M	ide	3.							R+	Elimida	ė
Other Common (-			1/20				ni v		V			Other	
Density:	High			fode			Lov	v)	-				Diptera	
Diversity:	High			l ode			Lov					C	Chirono	midae
						-						18	Tipulida	ne, Simuliidae
Other Notable Collec	tions:									1100	-		Other	
<u> </u>		_		. Le			_		=(4)		_		Gastropoda, l	Bivalvia
											-		Other	1 1/5 W.B
Field Narrative	Rating			Е		VG		G	M	[G	F	(P)	VP	

Stream: EINCHA CYLLK River Mile: 1.105 Year: 2015
Location: US of St. 61air Project: NEONSD 2015 Exclisioned End. Manifest
Drainage Area (mi²): 21,80 Latitude (°N)/Longitude (°W): 41.574000, -81.54580
Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: 5108
Hester-Dendy Deployment Information
Install Date: 07-76-15 Crew (QDC Circled): Aothern Sochusen
Current at HD (fps): Depth (cm): Pictures Obtained: Yes No
Replicate/Reinstall Date: Crew (QDC Circled):
Current (fps): Depth (cm): Reason:
Sampling/Retrieval Information
Sampling Method: Hester-Dendy Dipnet Surber Core Other:
Sample ID: HD: Qualitative: Other:
Sampling Date: 8/17/15 Crew (QDC Circled): (R. Maithle K. Amidon
OEPA Comment Field Codes:
HD Condition- Current (fps): 1. 10 2 Depth (cm): 15 HD Info:
Number of HD Blocks Obtained: 5 Remarks:
Disturbed: Yes No Debris: Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Replicate: Current (fps): Depth (cm): HD Info:
Number of HD Blocks Obtained: Remarks:
Disturbed: Yes No Debris: Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Dipnet- Time Sampled (min): 4D X Number of Crew: 2 = Total (min): 8D
Start Time: End Time: Notes:
Habitats Sampled: Pool Riffle Run Margin Backwater
River Sampling Conditions
Flow Condition: Flood Above Normal Normal Low Interstitial Intermittent Dry
Current Velocity: Fast Moderate Slow Non-detect
Channel Morphology: Natural Channelized Channelized (Recovered) Impounded
Bank Erosion: Extensive Moderate Slight None
Riffle Development: Extensive Moderate Sparse Absent
Riffle Quality: Good (Fair Poor Embedded: Yes) No
Water Clarity: Clear Murky Turbid Other:
Water Color: None Green Brown Grey Other:
Canopy over HD: Open 75 % 50 % 25 % Closed
Comment Section: Justall Flore tuken on 07/07/15 by non-QDC
and destinated to the control of the
Samples Analyzed By: Bert Remien QDC #: 60937 Date: 9/22/15
Company/Entity: 3rd ROCK Consulting
Challe Acque and Challes and C

	12.155.7	ter	istics			100 2		nt Land U		Right or Bot	
	Pool	Units	Riffle	Units	Run	Units	Forest Shrub		dential/P	100000000000000000000000000000000000000	Open Pasture Closed Pasture
Bedrock		'n	(Eins	Þ		P Vi	Old Field		ing/Const	ruction	
Boulder	0		10	5-4	V	(ES) 216	Rowcrop Industrial	Wet			
Rubble	The second		V	11 0		1	industrial	Othe	r	The last of	ale eve
- market and the state of the s	0 15 150	-	V	13.0	Y	A TESTO	The Jeen was	A Discorta			The same and the
Coarse Gravel	10		7	10	X	Appelled a mi	Predomina	CALLEDON TO SECURE			Riparian Width
Fine Gravel	K		Y		V	41	Left	Right	Туре		Conference Committee
Sand	12		×		W	ere Transco	171	-10		e Trees	Left:
Silt			- 1177			Sec. 1000	<u>_v</u> _	<u>v</u>		Il Trees	- And Station
Clay/Hardpan	\vdash		\vdash			parties	velatitessings	<u> Brandfrom</u>	Shru		Right:
Detritus	-		-		2221		ATMES.	(300 ct ct 1)		s/Weeds	Threffish three laws
Peat			2520				-311/2	AND DEAD	Non	e	Units:
Muck	8		drive.	-				ments			
Other							Margin Hal				maline Date.
Macrophytes					1.0			ut Banks		Mats	Tree Roots
Algae	120		8		Ø	-	Grass			er Willow	Woody Debris
Artifacts	X		2		10		Shallow			/Hardpan	Macrophytes
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Stream: FINCLIA CreUK River Mile: 0.55 Year: 2015
Location: DS of Lakeslove, Blud Project: 7015 NEOTSD End & Lack End Monitoris
Drainage Area (mi²): 23.00 Latitude (°N)/Longitude (°W): 41.5831581.559235
Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: EOLF
Hester-Dendy Deployment Information
Install Date: D2-06-15 Crew (QDC Circled): Hother Socholen
Current at HD (fps): 0,46 Depth (cm): 6 Pictures Obtained: Yes No
Replicate/Reinstall Date: Crew (QDC Circled): Current (fps): Depth (cm): Reason:
Sampling/Retrieval Information
Sampling Method: Hester-Dendy Dipnet Surber Core Other:
Sample ID: HD: 15H 113 3 Qualitative: 15Q034 Other:
Sampling Date: VITIS Crew (QDC Circled): R.MAICHIE K MIDON
OEPA Comment Field Codes: Water Temp: °C / °F
HD Condition- Current (fps): 1. D.3 Depth (cm): SUY face HD Info:
Number of HD Blocks Obtained: 5 Remarks:
Disturbed: Yes No Debris: Yes No Comments: TWIQK Artifacts
Silt/Solids: None (Slight) Moderate Heavy
Replicate: Current (fps): Depth (cm): HD Info: HD Info:
Number of HD Blocks Obtained: Remarks:
Disturbed: Yes No Debris: Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Dipnet- Time Sampled (min): $49 \times X$ Number of Crew: $2 \times T$ = Total (min): $98 \times T$
Start Time: <u>N93D</u> End Time: <u>ID19</u> Notes:
Habitats Sampled: Pool Riffle Run Margin Backwater
River Sampling Conditions
Flow Condition: Flood Above Normal Normal Low Interstitial Intermittent Dry
Current Velocity: Fast Moderate Slow Non-detect
Channel Morphology: Natural Channelized (Channelized (Recovered) Impounded
Bank Erosion: Extensive Moderate Slight None
Riffle Development: Extensive Moderate Sparses Absent
Riffle Quality: Good Fair Poor Embedded: Yes No
Water Clarity: Murky Turbid Other:
Water Color: None Green Brown Grey Other:
Canopy over HD: Open 75 % 50 % 25 % Closed
Comment Section: Install Flow taken on 07/07/15 by wan-QDC
Tourist Library Names and Action Control Contr
Consequent to the consequence of
19 About Cathorine Cathorine Cathorine
Samples Analyzed By: Bert Remuu QDC #: 00837 Date: 9/21/15
Company/Entity: 3rd ROCK CONSULTING

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Stream: M. 11 Urck River Mile: 8,30 Year: 2015
Location: US S. Miles Tol Project: NEOKS) 2015 Mill Lank Fue. Manitette
Drainage Area (mi²): 3.90 Latitude (°N)/Longitude (°W): 43.087, -81,544/2Z
Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: GOLF
Hester-Dendy Deployment Information
Install Date: 07-07-15@ 1475hr Crew (QDC Circled). R. Marich (D. Philliss J. Schick
Current at HD (fps):
Replicate/Reinstall Date: Crew (QDC Circled):
Current (fps): Depth (cm): Reason:
Sampling/Retrieval Information
Sampling Method: Hester-Dendy Dipnet Surber Core Other:
Sample ID: HD: 15H051 Qualitative: 15Q D52 Other:
Sampling Date: 08-18-15 @ 0659 Crew (QDC Circled): Markhe D. Phylins J. Shiel
OEPA Comment Field Codes: X 19 (210m; 2) Water Temp: Z1,5 (0)°F
HD Condition- Current (fps): 107 Depth (cm): 18 HD Info:
Number of HD Blocks Obtained: Semarks:
Disturbed: Yes No Debris: Yes No Comments: Com
Silt/Solids: None Slight Moderate Heavy
Replicate: Current (fps): Depth (cm): HD Info: Number of HD Blocks Obtained: Remarks:
Disturbed: Yes No Debris: Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Dipnet- Time Sampled (min): 60 X Number of Crew: 75 = Total (min): 150
Start Time: 09.20 End Time: 1020 Notes: Znewer individuals
Habitats Sampled: Pool Riffle Run Margin Backwater
River Sampling Conditions
Flow Condition: Flood Above Normal Low Interstitial Intermittent Dry
Current Velocity: Fast Moderate Slow Non-detect
Channel Morphology: Channelized Channelized (Recovered) Impounded
Bank Erosion: Extensive Moderate Slight None
Riffle Development: Extensive Moderate Sparse Absent
Riffle Quality: Good Fair Poor Embedded: Yes No
Water Clarity: Clear Murky Turbid Other:
Water Color: None Green Brown Grey Other:
Canopy over HD: Open 75 % 50 % 25 % Closed
Comment Section:
Samples Analyzed By: QDC #: Date:
Company/Entity:

Substrate (Charac	teri	stics				Predomina	nt Land U	se (Left, I	Right or Be	oth)
	_		0		_		Forest	○Urba			Open Pasture
	Pool	Units	Riffle	Units	Run	Units	Shrub	Resi	idential/Pa	rk	Closed Pasture
		D.		5		ភ	Old Field	Min	ing/Const	ruction	
Bedrock							Rowcrop	Wet	land		
Boulder	w.		196		V	/	Industrial	Othe	er		
Rubble	6		6		1						
Coarse Gravel	امما		100			,	Predomina	nt Riparia	n Vegetat	ion	Riparian Width
Fine Gravel	2/				1	-	Left	Right	Type		
Sand	- V.	,			V	/			Large	Trees	Left:
Silt					V		111		_	1 Trees	
Clay/Hardpan							X	X	Shru	os	Right:
Detritus								-	Grass	s/Weeds	
Peat				ı					None		Units:
Muck			udu								
Other							Margin Ha	hitat			
Macrophytes								ut Banks	Roof	Mats	Tree Roots
Algae				-/-		-	Grass			r Willow	Woody Debris
Artifacts				.			Shallo			Hardpan	Macrophytes
Compaction (F,M,S)	6		M	100	M		Rip Ra		Bulk		Macrophytes
Depth (Avg)	17	2	2	7	0	6	Other	P	Duik	iicau	
Width (Avg)	4	DL.	7)	1	27	DL		-li (1	Good)	Fair	Dean
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Potential Pollution S	Source	s:	ban	df	11,	Outh	all, Wb	119			
Predominant Org	_			7	Sole	tido	ogical Chara	Oy	erall Amour	nt (V-	
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Stream: Mill Lyeck River Mile: 0.12 Year: 20	
Location: 1) S Lana (Rd Project: NEDICS TOKE Mill Clah Fine Ho	1,461,4
Drainage Area (mi²): 19.5 Latitude (°N)/Longitude (°W): 418273, -81.63725	
Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: EOLA	
Hester-Dendy Deployment Information	
Install Date: 07-07-15 P 1320 Hrs Crew (QDC Circled): (T. Marchle) D. Phillips	Jischie
Current at HD (fps): 1.55 Depth (cm): Meat Senface Pictures Obtained Yes	No
Replicate/Reinstall Date: Crew (QDC Circled):	
Current (fps): Depth (cm): Reason:	-
Sampling/Retrieval Information	
Sampling Method: Hester-Dendy Dipnet Surber Core Other:	
Sample ID: HD: +5H045 Qualitative: 150046 Other:	
Sampling Date: 9/7/15 01343 Crew (QDC Circled) R. Marchie K. Amic	100
OEPA Comment Field Codes: Water Temp: 25 · 4	(°C) °F
HD Condition- Current (fps): Depth (cm): HD Info:	
Number of HD Blocks Obtained: Remarks: Missing	0010-0-0
Disturbed: Yes No Debris: Yes No Comments:	
Silt/Solids: None Slight Moderate Heavy	
Replicate:-Current (fps): Depth (cm): HD Info:	c
Number of HD Blocks Obtained: Remarks:	
Disturbed: Yes No Debris: Yes No Comments:	
Silt/Solids: None Slight Moderate Heavy	
Dipnet- Time Sampled (min): X Number of Crew: 2 = Total (min): 82	
Start Time: 13 43 End Time: 1424 Notes:	
Habitats Sampled: Pool Riffle Run Margin Backwater	
River Sampling Conditions	4
Flow Condition: Flood Above Normal Normal Low Interstitial Intermittent	Dry
Current Velocity: Fast Moderate Slow Non-detect	
Channel Morphology: Natural Channelized (Channelized (Recovered) Impounded	
Bank Erosion: Extensive Moderate Slight None Riffle Development: Extensive Moderate Sparse Absent	
	10)
Water Clarity: Clear Murky Turbid Other:	
Water Color: Green Brown Grey Other:	
Canopy over HD: Open 75 % 50 % 25 % Closed	
Comment Section:	
	Wa di
Samples Analyzed By: QDC #: Date:	
Company/Entity:	7

Boulder Rubble Coarse Gravel Frine Gravel Silt Clay/Hardpan Detritus Peat Muck Other Margin Habitat Macrophytes Artifacts Compaction (F,M,S) Depth (Avg) Width (Avg) Evidence of Pollution: Predominant Riparian Vegetation Riparian Width Freedominant Riparian Vegetation Riparian Width Freedominant Riparian Vegetation Riparian Width Freedominant Riparian Vegetation Ripharian Vegetation	Substrate C	Charac	cter	istics				Predominar			Right or Bo	
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					190-1					R+1		Bivalvia
Field Narrative Rating: E VG G MG F P VP											Other	infor
	Field Narrative	Rating	:		Е		VG	G MC	F	P	VP	

Stream: West Geck River Mile: Z.10 Year: 2015
Location: DS I-480 Project: NEORSD 2015 Week lack Env. Montes.
Drainage Area (mi²): 8.70 Latitude (°N)/Longitude (°W): 41,413656, 84670468
Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: ACLA
Hester-Dendy Deployment Information
Install Date: 06-22-15 1040 405 Crew (QDC Circled): K. Amillon
Current at HD (fps): Depth (cm): Pictures Obtained: Yes No
Replicate/Reinstall Date: Crew (QDC Circled):
Current (fps): Depth (cm): Reason:
Sampling/Retrieval Information
Sampling Method: Hester-Dendy Dipner Surber Core Other:
Sample ID: HD: 15/1057 Qualitative: 150058 Other:
Sampling Date: Crew (QDC Circled) R. Maich & E. Sachulen
OEPA Comment Field Codes: X 19 (10 m/2) Water Temp: "C/"F
HD Condition- Current (fps): Depth (cm): HD Info:
Number of HD Blocks Obtained: Remarks: M/3 5/4
Disturbed: Yes No Debris: Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Replicate: Current (fps): Depth (cm): HD Info: HD Info:
Number of HD Blocks Obtained: Remarks:
Disturbed: Yes No Debris: Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Dipnet- Time Sampled (min): 40 X Number of Crew: Z = Total (min): 80
Start Time: 1040 End Time: 1/20 Notes:
Habitats Sampled: Pool Riffle Run Margin Backwater
River Sampling Conditions
Flow Condition: Flood Above Normal Low Interstitial Intermittent Dry
Current Velocity: Fast Moderate Slow Non-detect
Channel Morphology: Natural Channelized (Recovered) Impounded
Bank Erosion: Extensive Moderate Slight None
Riffle Development: Extensive Moderate Sparse Absent
Riffle Quality: Good Fair Poor Embedded: Yes No
Water Clarity: Clear Murky Turbid Other:
Water Color: None Green Brown Grey Other:
Canopy over HD: Open 75 % 50 % 25 % Closed
Comment Section: Tiffle areas mortaged in and no habitant is available
Color Color
stabilities and a control of the first the fir
The Marketta Cathada Callanda Cathada
Samples Analyzed By: Bert Remley QDC #: 0837 Date: 1020/15
Company/Entity: 3 & Rock

Collectors:

RM: 2.10 DA: 8.7

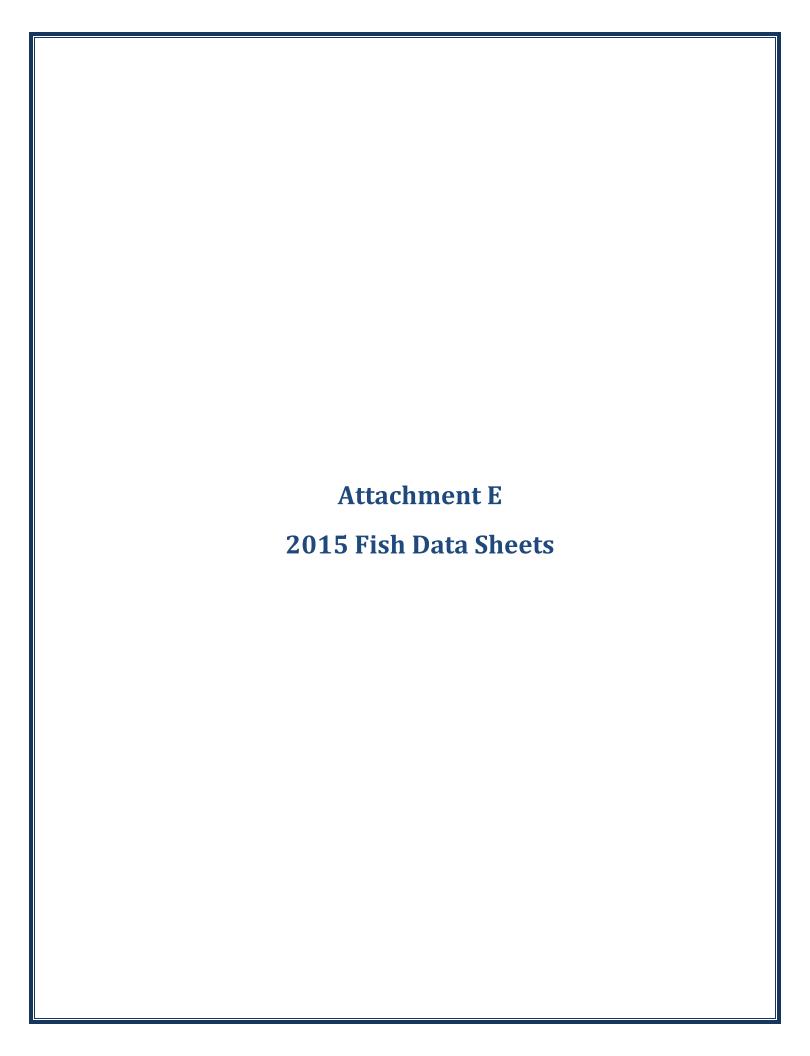
Surface Water: West Creek

Type: Qual

Substrate C	Substrate Charac		stics					ant L			Right or B	
The second second	Pool	Units	Riffle	Units	Run	Units	Forest Shrub Old Field		Res	an // idential/P ning/Cons		Open Pasture Closed Pasture
Bedrock	Decision 1	end.		55		0	Rowcrop			tland	7.0	
Boulder			./		/	Suite In	Industrial	7/01		er		
Rubble	134		/		/	5. VIII	- 63 OCO)	10-9153				
Coarse Gravel	1				/	- 14	Predomin	ant R	liparia	n Vegeta	tion	Riparian Width
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Clay/Hardpan								ibi	/	Shru	ıbs	Right:
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Muck			brls]	E.		800	William or	ritar I po	RECT-	-50		CH CR regine 2
Other		S	D.A.	13		A Property	Margin H	[abita	t		Andria Control	
Macrophytes	1075	All.	T.K.L	200	W.L	Py A	~ 12 TR 1985 F 4 T / T - / T N	rcut B		Roo	Mats	Tree Roots
Algae		1144	/	92	/		Grass			('	er Willow	Woody Debris
Artifacts	1	1	1	1442	1		Shallo		T I'm		//Hardpan	Macrophytes
Compaction (F,M,S)	M		M	0117	M		Rip R			141175	chead	Orinia editorio della politica
Depth (Avg)	2	7	4		9	I fest pass	Other	-		annia CERN		
Width (Avg)	2	4	3	17	10	AL	Margin Qu	_	355EF	Good	Fair	Poor
Evidence of Pollution	n•			, 1 [10	95	272	abote		mais?	ano Z	<u> </u>
Evidence of 1 offation	-				in the	-	and a second		1		44.00	
	_% anism:			<u> </u>	Ei	Biol	ogical Char	acteri	0.535		1.0MO.I	ndant; C= Common; R= Rare =>151; A= 150-101; C= 100-11; R= 10
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Stream: West Week River Mile: 0,70 Year: 2015
Location: DS Corninger Project: NEOPSD 2015 West Local Env. Manters
Drainage Area (mi²): 13.20 Latitude (°N)/Longitude (°W): 41.4/5321, -81.648021
Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: LOLP
Hester-Dendy Deployment Information
Install Date: 07-23-15@1327 Crew (QDC Circled) P. Marchle D. Phillys & Boggan
Current at HD (fps): O. 77 Depth (cm): Pictures Obtained. Yes No
Replicate/Reinstall Date: Crew (QDC Circled):
Current (fps): Depth (cm): Reason:
Sampling/Retrieval Information
Sampling Method: Hester-Dendy Dipnet Surber Core Other:
Sample ID: HD: 15 HO53 Qualitative: 150054 Other:
Sampling Date: 09-03-15 @ 0655 Crew (QDC Circled): R. Maiche Di Authors
OEPA Comment Field Codes: Water Temp: "C / "F
HD Condition- Current (fps): 0,53 Depth (cm): 3UFace HD Info:
Number of HD Blocks Obtained: Remarks:
Disturbed: Yes Debris: Ves No Comments: stand
Silt/Solids: None Slight Moderate Heavy
Replicate: Current (fps): Depth (cm): HD Info:
Number of HD Blocks Obtained: Remarks:
Disturbed: Yes No Debris: Yes No Comments:
Silt/Solids: None Slight Moderate Heavy
Dipnet- Time Sampled (min): 60 X Number of Crew: 7 = Total (min): 120
Start Time: 0910 End Time: 1010 Notes:
Habitats Sampled: (Pool) (Riffle) (Run) (Margin) Backwater
River Sampling Conditions The Market of the Sampling Conditions
Flow Condition: Flood Above Normal Normal Low Interstitial Intermittent Dry
Current Velocity: Fast Moderate Slow Non-detect
Channel Morphology: Natural Channelized (Recovered) Impounded
Bank Erosion: Extensive Moderate Slight None Riffle Development: Extensive Moderate Sparse Absent
Riffle Development: Extensive Moderate Sparse Absent Riffle Quality: Good Fair Poor Embedded: Yes No
Water Clarity: Clear Murky Turbid Other:
Water Color: None Green Brown Grey Other:
Canopy over HD: Open 75 % 50 % 25 % Closed
Comment Section:
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Samples Analyzed By: Best Renley QDC #: 00837 Date: 1/30/15
Company/Entity: 3rd Rock
Company Lines. 21 of 1880

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^{*} A-anchor worm; B-black spot; C-leeches; F-fungus; N-blind; P-parasites; S-emaciated, W-swirled scales Y-popeye; Z-other

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^{*} A-anchor worm; B-black spot; C-leeches; F-fungus; N-blind; P-parasites; S-emaciated, W-swirled scales Y-popeye; Z-other

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^{*} A-anchor worm; B-black spot; C-leeches; F-fungus; N-blind; P-parasites; S-emaciated, W-swirled scales Y-popeye; Z-other

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	4-21		4		G	73		-	-	-4	115	-1	1
	900		Name of the		dia		Market Control of the Control	_			11		- (
V	10x				Wite o tein W p	Stersanta-II quito ne				_135	A	<u> </u>	
	- 12							_			- 1	7	-

tation ID		Riv	er Code	The state of the s	RM 7,	00. Date 9-2	3-1	5	Т	ime	151	00
cream C	yahoga	River	20 32	34	Location	Lower.	Hai	rV	rid	+	4	i)
Comments _	10 D	mi	01.60		Location Location			100		1		
at Clife	10(1)	Long	01,68	Count	y Chychogo	ALP_		_ T	ime :	Fish	ed 🛢	381
crew T. Zak	olothu	Nett	er <u>M. N</u>	lattern o	thers K. Ami	don	San	plei	г Тур	e	B	
					Source _							
						10-1	į.			9	11	
Fins Code	Number Weighed	Total Counted	Total Weight		Weights	counts	Defo	rmitie	ELT A	sions,	Lesio	ons, I
77-004	0	9	4.495	0.675	0.525 D		D	E	tiple E	ELTs	on on	e fish
maumat	1	File	7	0.900 0	0.150 0				-	77	1	1
baes V. 10x				2.235 (5)	0.130	-						
40-00 Y	¥-	-1-	1.701	3.75 165		N SV	D	E	L.	T	1	
maumont			1701	3.10.50		Y	4	-	1	T	M	-
buffalo	-					() () () () () () () () () ()	4		1		-	1 3
7 10x	-		1.00				上					
20-003	225	225	1.90	1.90(229	2		D	Е	L.	T	M	*
Shad					1				-		1	
7 10x							1-		+-		31.10	1307
7-001	18	18	.140	0.040 3	1. 1		D	Е	L	Т	M	•
dundy				0-100 (3)	T. A.			133				
10x					Table			-			PIS	
800-04	1		1.80	1.80 0	as the first		D	E	Ĺ	T	M	*
IVEP	THE LET			20 . C ~			7	1.7		200	13	
dhorse 10x	115. 14	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	_	0. 1. 1	P							
0-011	/	. 1	.010	D.010 ()	F. A. S. C. C. C. C. C. C. C. C. C. C. C. C. C.	1	D	E	L	Т	M	*
aperch		17.127.12	070	0.0.5	73.			7	-	29.		-
darter	Tar _{ajja} es				1 1 1 1 1 1 1 1 1		-					
10x	7	2	1111	2 22 2	. 05 6		D	C	ļ	7	1	
1			6,405	2.00 @	1.95 ②	1	In .	E	L	T	M	*
hannel cattish	1			0.900 0	0.0052	Marin .		1			Ti.	
10x				1.55	16 16	4						
40-011			,850	0.850 D	la contraction of		D	E	L	T	M	dr -
adhorse					1.45700	ing.						
10x				f				_				
0-010	H	4	1.052	1.00 D	0.0240		D	E	L	T	M	+
cahorse				0.0080	10.0%		91-24-5	- 114			9112 V	
3 10x				0.0200			1 200					19.64

Fins Code V	Veighed	Counted		r-r politi	WeightsCou	nts	T				1,719	新
77-006	5	5	1340	0.2500			D	E	L	Т	М	*
bass.		11.1		0.0909								F12.9
V 10x							1 1/				G co.	izt un
43-044	2	2	,026	0.0200	atu - 10		D	E	L	Т	M	* 1
Stonerdiur		antral	1	0.0000	4 J				-			W.
V 10x				70 to 12		2 2		er g	to a	130	100	2070
80-003	3	3	1050	0.0402			D	E	L	Т	М	*
yellow peren				10.0100		- Administration	10	19/8/		7	43	270
V 10x		1000										
40-016	5	5	1215	0.2000			P	E	L	T	М	*
SUCKUY	1	- 51		0.015 3					, ·	- 0		
V 10x			40-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			11-12-1						
40-015	Ч	4	.410	0.4100			D	E	L	T	M	
nogsucker							-		-	33		
V 10x		<u></u>					D	E	L	T	M	*
77-00 White	-		150	0.150 (D			-	-	-	Led	150	14.2
VI 10x						Hopp.		-	+		TR	1
74.003	2	12	1020	0.0100			D	Е	L	T	M	*//
white	Vi.			0.0100		1				1		160
V 10x							\vdash	+-				-
12 137	- 1		.004	0.0040			D	E	L	T	M	*
spotfin Shinur												
V 10x							\vdash		1			
74-001	1		:020	0.0200			D	Е	L	Т	M	*
white bass		2 1 2		<u> </u>						12		
V 10x				741		. 1 4 2 3 1		1	1	Tr.	M	sit .
47-004 yellow			.006	0.0000			D	E	L	T	М	1
bullmad							-	-				
V 10x	1	111	.002	0.0020		1	D	E	L	T	M	
61 bluntnose			1.002	g 130 m.O		1				-5	1	
V 10x								+			-	
43-013 Cruk	1.	1	.010	0.0100			D	E	L	T	M	B
chub						11				10	1	
V 10x	W AND ST			operation in the	THE	EL TELEVISION INC.	1 3-72-	-	+	1.	1	

Stream CU	yanog	a RIV	Cr		Location _	OWLY	Har	va	rd			
Comments —	DA = 7	gle mi 2	-		The state of the s				13	411		II F
Lat 41,40	197	Long =	3(.681	County _	ayanoga	ALP _		_ T	me I	ishe	d 3	80
Crew T.7a	blothy	Net	ter <u>M.M.</u>	Othe	ers Kamidan	1	_ San	pler	Тур	e E	ž.	
Distance <u>0 - 1</u>	50 Flow	т	emp. C_	Secchi	Source	Project_	2015	5 6	yah	000	P	ver
Fins Code	Number	Total	Total	1	Weights Cour	1	Defo		ELT A			
77-009	Vergreu 2	2		0.010 (2)	Weights Cour	illy	D		iple D			
pluegill		1	1.010	0.010 (2)			+	-	Ħ		1	H
Swinkish		4					1_					
リスークス (3	0.017	0.0020			D	E	L	T	M	+
Common	1100	1000	0.010	0.010 (2)		***************************************		+				†
shiner 12 10:	<u></u>			0.010			_			_		1
77-008		3	1,048	0.048 3			D	Е	L	T,	M	*
reesh				5,040 9					113	20		-
sunfish			21 10 121				_					
13-020	11		.643	0.042 (10)			D	E	L	Т	M	
merald	7			. 3	.)		7	+			\vdash	
striner 100		n and the same of		0.0010			-	1				
103	1						D	E	L	T	M	-
	-		4					+	+		-	-
7 102												
102			T				D	E	L	T	M	*
							-		Ħ	-		-
7 102			delet Mad-yar Olaur Olaur Street San as assessed for the second street as				1			-		1
102							D	E	L	T	M	*
	110000		-			Company of the Street			1			
/ 102		3.55		3-			_			_		1
1 102							D	E	L	T	M	*
7 =			L				-	†	1			-
7 102			24.5			-						1
100	`	,					D	E	L	Т	M	
		L					- 1	+	112	1.1		
,												
102				P-narasites: S-emaciated					EPA 4			1/4/2

^{*} A-anchor worm; B-black spot; C-leeches; F-fungus; N-blind; P-parasites; S-emaciated, W-swirled scales Y-popeye; Z-other

Station ID		R									100) Ph
ream Euclie	d Cree	K			——— Locatio	n 100ft US of	St. (Jai	r A	Ve_		
Comments D	A: 21.8	Omi ~								O.R.	and in	7 10 1
Lat 41.574	1.	Long -	81.5467	County	Cuyahoga	ALP		_ Ti	me F	ishe	d _	ر ۱۷۷
Crew T Zat	olothu	Ne Ne	tter ESoc	chnlen_Oth	ers SHobnam	1K115	_ Sam	pler	Тур	e	E	
Distance <u>0.20</u>	Km Flow		Temp. C _	Secchi	Source _	Project	2015	Eu	rclid	Cr	eck	
2. 3. 1K.	Number	Total	Total		Weights (C			DE rmitie	LT A s, Eros iple Di	NON	IALI Lesion	ES ns, Tu
43-013	80	80		.444 (35)			D	E	L	T	M	*
Reek		4		14 (51)	1 mark 1996			7	900	2	ant	
V 10x	112-1-	The second			£ .			-	11			
43-044	128	128	0.470	,470(128)			D	E	L	Т	M	*
FONEROLLER	Tyl T	1						1-	11	40.00		
V 10x												
43-011	154	154	0.519	.495 (47)			D	Е	L	Т	М	•
BLACKLUOSE	Park of	OF THE PERSON		1024 1	Date of the second		- 12	17				1777
V Dace		+		10210								
40-016	5	5	0.030	.030 (5)			D	E	L	Т	M	*
UHITE			-17 + 10-1/1/0		the second of the second	Manager Colonia Coloni		un personal	- 7			
WUKER 10x			and and and and and and and and and and					- 3	1		100	A COLUMN TO A COLU
25-002			0.000	1000 T			D	E	L	P	M	٠
RAINBOW					All the second s	HALLING THE PARTY OF THE		1				
TROUT 10x						tire Labor.	3/ 12	the	124		157	
10x		14	1 /		5×**		D	E	L	Т_	M	*
		+					7	17		We the		
V 10x								1 372				
· IOX		À	4 7				D	Е	L	Т	M	
17 10 17	1			Married Tolk		- Manager in		100		187	Spring	
V 10x								-		- 34		
· IOX							D	E	L	Т	M	*
		-		Delicano de la companya del companya de la companya del companya de la companya d							Tille	
V 10x	4.16	1								ige!		E-/-9
V 10x		The second					D	E	L	T	M	
					The second second			-				Marin St
							NI I			- 15		103
V 10x				.,		190		1	EPA 4	500		11/4/2

	SHEE	T		ACT THE SALE OF TH	New Station (requires lat/long & cour	at the second second				100	of	
ation ID		Ri	ver Code_	s² YOY M	RM 1.65	Date 8/2	1/15		Ti	me_	121	5
eamE	uclid (riek		7 01/	Location	Upstream	of	54,	Cla	1		
mments —	DA	= 21.	8 mile	SZ YOYM	ONK RUNNU	16 AROW	D	à,		-	T Som	
41.57	+1	Long _	81.346	T County	(Uyahoga	ALP_		_ Ti	me I	ishe	d 24	00
ew De Fu	EN CESUS	Net	ter <u>J.R</u>	HOADES Oth	ers E. SOENEN	J. SCHEZ	. Sam	pler	Тур	e	F	
stance 0.20	KI Flow	т	emp. C	Secchi	Source	Project_	EUL	ilid	cre	eŁ	EN.	Mo
					4-1		20	10				
ins Code	Number Weighed	Total Counted	Total Weight	1100	Weights Co	unts	Defo	rmitie	s. Eros	ions, I	IALIE Lesions on one f	, Tur
3-013	117	117	1.388	00160 (72)			D	E	L	T	M *	1311
HUES	7			0.628 (45)				1	1	1		
10x	553			1			1	-	-	1		
13-01	225	225	0.86	0,320 (82)			D	E	L	Т	M *	
ack NOSO		rani-jelo sam	3-(3-)	0.540 (143)	- yr				-	12.2	-	
10x		<u> </u>				1		-				
3-644	382	382	224	1.350 (184)			D	Е	L	Т	M '	
DNEROLLER				0.890(198)				-	-	180		
10x	<u> </u>	14		7.0 20(10)			-	-		1		
0-016	12	12	.300	0,300(12)			D	E	L	Т	M *	T
Suchere							7			1-1		
10x								-	-	1		
3-002		1	1028	0.028 D			D	E	L	Т	M *	-
xofisH	**					ļ	1	1	1	1	-	
10		F 1/2				1			-	1		
10x	- 1	- 1.		ES SIL	age and		D	E	L	Т	M *	
2 0		6		Mr.		-		-	-	120	21.	
			4	81 J		-	_			1		
10x	Т						D	Е	L	T	M ⁴	
										15		
		- 11					_			1		
10x	T					-	D	E	L	Т	M *	
				No.		in a course and a			-	100	8 .	
			,	,								
10x	:1						D	E	L	T	M *	
		-						Li.	-	¥ 31 91	141	
			0			The state of the s		p hotels				
10x					1			-		1	-	

* A-anchor worm; B-black spot; C-leeches; F-fungus; N-blind; P-parasites; S-emaciated, W-swirled scales Y-popeye; Z-other

Station ID		Riv	ver Code_	7	RM 0.55	Date 7/L	1	5_	Ti	me_	413	00
cream Euchic	d Cree	LK	1		Location	150 ft DS	of	Lak	esho	ore	Blu	1.
Comments D	A: 23.0	() mi			1 1			t	- 1	100	- 19	
				County								
Crew Eric	S	Neti	ter Hot	hem Oth	ers JK.T2	olaty J.S.	Sam	pler	Тур	e)23	E	MIN
				Secchi								
					771100	ESO I						
Fins Code		Total Counted	Total Weight		Weights Co	unts	Defo	rmitie	s, Ero	NON sions, ELTs	Lesio	ns, Tu
43-013	44	44	0.576	1.410 (30)	1004D		D	Е	L	Т	M	*
Reek	Security 2 Can September			.158 (12)	10 30.		-	-			in.	e _ cu
V 10x				· 1004 (1)			_				2.5	100
43-044	172	172	0.110	0.056	,004		D	E	L	T	M	*
STONCROLLER		11	10.110		7	and the Control of the Control		-	- 1		-	100
		1		,058 (64)	2// 26	oue-b	1		21	SEE	500	
V 10x	C 2	-2	2 1120	1004(1)	- 4		D	E	L	- T	М	
40-016 WHITE	53	53	0.478	1478 (53)			1	15	-	of the last	IVI	172
<i>sucker</i>					1				1			
v z $10x$	9.5	-1										ES
7-004	5	5	0.800	,550 3	1		D	Е	L	T	M	
Bullead				.250 2					1			115
$\widehat{\mathbf{v}}$ 7 $\mathbf{10x}$		1		(V				-				1000
47-005	3	3	0.213	,213 (3)		- ,	D	Е	L	T	M	•
BROWN			Will allow on	protesting of a second		*************	-	-		一情	1	
BULLHEAD TOX					1	- 1/4		- 21		110		
87-001	17	117	0.290	,290(17)	7		D	E	L	Ť	M	*
ROUND			10.210	,210(11)			4	وفلتداعا	1	1000		0.00
GOBY		1	5		4	1,0	-		1		- 4	
V) 4 10x		1 1	10 000	5.0		S W	D	E	L	T	M	*
BLACKNOS	3	3 1	0.008	1008 (3)		What she was a second	**	-	-		141	litter
DALL									11	1	-	
V 10x		12		L. Marini	1				1		79	-10
77-000	3	3	0.010	1010 (3)	1		D	Е	L	T	М	
-KO MOUTH BOSS		G.										
V 10x				-			-					1
77-037	5	5	0.200	,200(5)	1		D	E	L	T	М	*
PUMPKIN ED SONFISH				No. 200 - 10				1000	Ħ	-	Processor.	1
V 10x		1					7		10	1	-	

Fins Code	Number Weighed	-Total Counte	Total d Weight	antate ves		Weights Coun	its	AL.	las El	P	age -	2	_ of -	2
77-003	3 -	3	0.050	,050 C	3)			150	D	E	L	T	M	*
ROCKBASS		1	i i crea	Vana.					A.		1/0	1	12	(
10x				mark tile				- 1	4	53.2	1.5	- 1	DAMES IN	ebu.
43-643	enci -		0.010	D 010.)	grapo i	at me	214	D	Е	L	T	М	12.
LUNTNOSE	eg vien	108	100	ST X	pt -	in	1-4-6	mo8			2	. 4	3	637
V) 10x	25310 0	V. P.V. 100	Pred	Esser Boll		141 2278	_ 9 .um	al .	-	3.07	100	4.6	0.00	hts:()
77-009	A.	1,	0.004	,004	7		,	7	D	Е	L	T	M	*
BLUCGILL	Classical Control	I LE	· Chino	yerigisy(c	/	100	14 10 77	05 TO 110) !	10310	111	y la	0.	in T
v) 10x	e-Aleman	T		t. (1)r.	111	2E)10.8H		7/18		-	77.70			
77-008	2	2	0.03D	.030 @		(2) 151			D	E	L	Т	M	•7 1
GREEN FUNTISH			1			(i) (dr.)		-			H	ALC:	1	V
$\sqrt[6]{v}$ $\sqrt[4]{v}$ $\sqrt[4]{v}$	Steel with the second			(D) 110	3.	13.co - 1		F	***				10 v	
v) 10x				1.001 C	D 1	(FIDA:			D	E	L	T	M	HUTE.
BLACK-NOSC	16	1				Drog is	al Cu				H	101	16	
V 10x	An order and the second	Ca.		alleger of the sale of the		(30) PT 11.	DI L			17	1	illion.		
V 10x	10 J	1							D	Е	L	Т	M	*1000
		1 11 8					- 1			K.	1	I I I	2	(1)
V 10x		146		= 5	- 100 mile	(5) og 2.			terr				7.6	1
V 10x						(9) mg.			D	E	L	Т	M	300
	34		-					7			1		-	- 67
V 10x				-2-m-1		(3) 512,7	p 0	. 3	-		1		E Plan	1-2
V I IUX									D	E	L	Т	M	*+0
	i de		-			14.55		16.18	50			11.63	-2	
V 10x						Cripres.	12.5	1		-	1.1	lan-a	-	- 1
V 10x	Sign of the								D	Е	L	T	M	+5-7
											1	id i	V/ 5	17
V 10x	al. 2	1				(8) 155.	304.7	4 8			1	140	100	-
V IUX		4					1		D	Ē	L	Tit	M	John
	44	-14	14	11. 12. 14. 10.00								y Y	31.0%	
V 10			5 Anna de			(8) Bro. I	1110	7,0	2012		1	in the second		-
V 10x	80 Jan 3			HERE					D	E	L	TIA	M	• /1 -d
	5k	1	A 7F	<u> </u>			-,=-			8 . (1		CARD	(*)
	7	Janes L			i de anio	30	1117				17	ار ادار اینهاماد ار		13
V 10x			to in					- 6	D	E	L	Т	M	(
				322				- 8		+	1	0.10	NO.	-277
				P. (6)	7025	confidence of the second	gar Eley	m)-1 3-1	5,	7		07		-
V 10x		1/4		Transaction		CONTRACTOR OF THE PARTY OF THE								

tation ID		Ri	ver Code_		RM_0.5	Date 08	21/15	5	Ti	me_	990	o hr
stream Ev	clid Cr	reek			Location First production	n Downs	ream	of	L21	USV	nov 1	L B
Comments —	DA = 23	sq. miles	1 5 90	IHEI done	, during tirst pass	BEG PO	DL W	JAR	560	10 9	SHO	المال
at 41.5833		Long	۱۰۵۵ ۱۹	Co	ounty Cugahoga	ALP		_ Ti	me F	ishe	d L	0
Crew J. Kh	oages	Net	ter <u>E. </u>	ochnlen	Others D. Friedman	1 J. Schiel	Sam	pler	Туре	<u>.</u>	E	in the
Distance <u>0.2</u> k	Flow	1	Cemp. C _	Secci	niSource _	Project_	Esc	1.1	Creek	2 S-	tuda	J PL
	Number	Total	Total			1/61	20	15	LT A			
Fins Code					Weights (C	ounts)	Defo	rmities Multi	Erosi	ions, L ELTs o	Lesion n one	s, Tun fish
77-008	5	5	,040	.040 (5)			D	Е	L	T	M	* *
Green Sunfish	7 +1 3			- 97	17 7.18	1 8 1 .			1	1	. 0	
V 10x		ī 1			- P =			-	-	i .		1111
77-013	20	20	. 490	.490 (20)		D	E	L	Т	M	*
Pumpkin-				-9		1	-	-		1	1	773
$\frac{1}{V}$			= 2					1	- 1	1	275	1 21
77-009	2	2	,028	,008 B			D	E	L	Т	M	*
Bluegill	W	1		0200			-1	1		JOUR.		287
				0000	(E) FP.	0 00	1		F*		-	
V 10x		Transition in the second	1008	1008 (1)	17 100	da 4	D	E	L	Т	M	
Yellow Perch	9 - 17 - 9 - 18 - 1	1465		100 (1)		144				1015		
		-200				01,5300	117					-/1
V 10x	34 II	100	0.15	2 242 (3, 500,00	1 1 1 1	D	E	L	Т	M	-36
20-003 Gizzard	179	179	.840	0.840 (7	0					1300	Prepare	
Shad					7 9/6	4 .	上於	111		i sinci		110
V 10x	ilk	00	1.4.1				D	E	ī	T	M	l Lib
43-013	99	99	1.44	0,91 (31)				E	-	100	IVI	
Creek Ohub				0,53 6	8) 3/00	T stars	8	-			1	8,0
V 10x	detrick	and the same		-17	44						F 8	中层
43-035	246	246	.260	J. 260 2	46).		D	E	L	T	M	* 555
Mimic	no et			and the control of th	Mes.	Ta a	1			T		572
V 10x												
40016	154	154	2,373	1.729	.01 0		D	E	L	T	М	*41,71
White Sucker				0.56 (120)	Notice Services unital		-			1		
V 10x				:103 (3)						-	1	
87-001	32	32	1001	0.0429) 1001 (3)		D	E	L	Т	М	•
Pound	7	Lib I								150	in the same of	
) Goby								1				

^{*} A-anchor worm; B-black spot; C-leeches; F-fungus; N-blind; P-parasites; S-emaciated, W-swirled scales Y-popeye; Z-other

Fins Code V				Mal (2)	WeightsCou	nts	I.		Page .	40.70	a serve	
4 1-00 4	6	6	, 49 4	.434 (5)		shirt not	D	Е	L	T	M	mulži
Bull head	701 1			060 W	- 4		-		b			DEFE:
V 10x	भू रेड अपीत	Maria de la composição	A STATE OF THE STA	1.419	150 h. 2000			+				1111
72-006	3	3	,024	0.024 3	rekuna b		D	Е	L	T	М	19
Bass	api Sp	rind		LEOWEY'S	3763 1771 179	Let-12 (a)39	7.		L prov	-		£ 1/
V 10x		methic.	19151		and Million	_ Thirding		17			M A	1336
43-044	30	30	.126	0.125(29)	24"	- Carlot	D	E	L	T	M	*
Stoneroller	A CHARLES	A T	- 50	,001 D	- 46	ally AV Go		7 1	11/1	T	30	1 3 12
V 10x		V. 1 (1)	1. 6	A44.	-2)		D	E	L	T	M	
Brown Bullhead	5	5	1.460	0.460 (5)	54			E		1	M.	11.56
V 10x	4		44		(HILL), W	C. Pari	75	-	1		CI	5-5
43-042	2	2	1024	0.024 (2)		1-1	D	E	L	T	M	
s lunthose Minnow		10		J. Commission of the Commissio		11 17				2/		
V 10x	Kaliforni I			majoros.	1 3 2	1	100		100	del	E 16	1
25-002	4	5	0.79	0.49 4	21,270		D	E	L	T	М	1
Rainboy			ž.	0.30 0						10		
V) 10x		- 01	1 (1)	(D)	78 503	1 C/1 2 h.	Total			di.	50	111-0
17-003	4	4	0.124	0.0943		GA.	D	E	L	T	M	
Pock Bass	Page 1		1,27 99/8/1	.030D			1			Total	1	
The state of the s			- III - SANTON - III	"090 D	7.Act 563	1 1905 - 1 1 15	福山				8	3 6
V 10x		211	01.10	21063	Teles	We see	D	E	L	Т	M	* 7 2 9
Sand Shine-	24	24	.040	,04064)								
V 10x					U SI AP	C VET	1				1	1 8
74-0031	3	3	.006	,006(3)	ENTINES.		D	E	L	T	М	4
White Perch	3		(3,6)	130(3)		1		1	1		Ba .	
			1	15	0.5.7.1.0.92	OL Call	T I		X			
V 10x			100	MARA			D	E	L	न	M	***
27-025 Larmouth Hybrid			,020	0,020 (1)					1000		(1	ia, d
V 10x			1	17	· Visin	THE	V d	-	-		y I	1
TUX		4			0.41.0	4	D	E	L	Т	М	•
				marife - suddiene -	2		A ST			21	111	6-
V 10x						01 100-			6			3

.

tation ID	River Cod	e	RM 8.3	O Date Se	pt 2	15	T_1	ime_	1000
tream MILL C	REEK 3.90 mi2		Locatio	n IIPSTRU9m 1	of South	4 M	ILES 1	Roga.	
Comments DA:	3.90 mi2								
at 41. 4309 CM	Long - 81. St	143 (w) Count	y CUYAHOGA	AL	Ρ	_ Ti	ime l	Fishe	$d = \frac{24}{}$
rew Zalolo	Long - 81. S	leany of	thers Mattes	n/Amido	San	pler	· Typ	e	=
Distance O. ISKm	FlowTemp. C	Sacchi	Source	Projec	201	5 M	TILL	CRI	EEK
			Source _						
	nber Total Total ghed Counted Weigh	it	Weights	ounts	Defo	rmitie	s, Ero	sions, I	Lesions, To
43-013	160	(160)			D	E	L L	T	n one fish
creek	1,00	100					+	V 11.3	
v Chub,							1		
43-011	514	18	600		D	E	L	Т	M *
blacknyc	317	191	(290)			*		a fit of	
v daignox	3.4		-			4			
		(198)			- D	Е	L	Т	M *
77-013							4	10.5	Derrot dian
omplen						-5		1	314
V 10x							1		
77-008	2 .	(2)			D	E	L	T	M *
green (13)				N. Control of the con					Ame a si
V 50 10x							1		
				-	D	E	L	Т	M *
		Mary and the state of the state	The second secon	THE STATE OF THE STATE OF	0			1111111	
V 10x		\X		45777		-	1		- 13 6
, while the fell	4	Marie Caracian Caraci			D	Е	L	T	M *
	and the same				to the feet of the second		mi ndo	(b) \$1-1-1-10\$	Armonia de la la la la la la la la la la la la la
V 10x						-		7.5	
				1-11-12-	D	E	L	T	M *
- W			1 10000			Total services	11		NOT THE RESERVE
V 10x						+-	+1	-	
101				-	D	Е	L	Т	M *
	3 11	ar pri time to the contraction	2					191	to market objects
V 10	<u> </u>						1		
V 10x		- 1	+		D	E	L	Т	M *
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A Company of the Comp	Th.			-	V (5.1	40.000 1.11
							1		
V 10x					14		1 5		

^{*} A-anchor worm; B-black spot; C-leeches; F-fungus; N-blind; P-parasites; S-emaciated, W-swirled scales Y-popeye; Z-other

Chia	ERA	FISH D	AIA	eet ID For Offi	ce Use Only	New Station (requires lat/long & cou	nty) Mix Z	one		Pag	ge_	of	3
Station	ID_		Ri	ver Code	20	RM 0	2_Date_7/23	3/15	5_	_Ti	me	131	00 hr
Stream_	MIII	Cree	k			Location	1 linstrea	m	Df	. (an	al	Roa
Comme	nts 📑	A = 10	9.50 m	11'2									=:
Lat 41	.41	79	_Long _	81.039	County	Chuanos	ALP _		_ Ti	me F	ishe	1 2	290
					idon Otl								
					Secchi		,						
Distant					500011					LT A			
	Code		Counted			WeightsC	ounts		mities	Eros	ions, I ELTs o	Lesion n one	is. Tumor
77-0 small		3	3	0.397	0.272 (1)			ļ	E	L	-	M	
bass					0.050			_					
V	10x				0.0750			,					
47-0	04	3	3	0.5910	0.390			D	E ·	L	T	М	*
Vellor	nead				0.200 ②					1			
V	10x			·			4.		-				
43-0		370	370	0.785	0.310 (157)	0.010	0.001 1	D	E	L	T.	М	* -
Centra	DITEY				0.175 (94)	0.010 3	0.004 1			_			= = -
V	10x				0.100 30	0.175 (80)				-			
43-6		1		0.002	0.002 0		· E	D	E	L	T	М	* .
Fatna	cad				~								
VI	10x						n	_	-		7		
40 - 0	110	122	122	1-109	0.0000	0.150 (9)		D	E	L	Т	М	•
White					0.850 (99)	0.003(2)		-					
v	10x				0.100 1			ļ	<u> </u>				
43-t	>11	.3	3	0.012	0.012(3)			D	E	L	T	М	*
Blackn	3201				100						-	-	= =
v	10x							_			-	-	
77-0		33	33	0.382	0.380(32)			D	Е	L	T	M	*
Greer	1				0.002(1)		•	-					1.5
v	10x					,		-		-	-		
43-0		18	18	0-120	0.120 (8)			D	Е	L	T	M	*
Creck	C .												
V	10x							_					
0.0	00			0.010	0.010 (1)			D	E	Ļ.	T	M	*
Roun	d												
1906		,		* 11				1	-	-	<u> </u>		2
V	10x				D-paragitas: S-emaciat	d Wassislad and a Va	anana Zathan		<u> </u>	EPA 4	1508	1	11/4/2005

^{*} A-anchor worm; B-black spot; C-leeches; F-fungus; N-blind; P-parasites; S-emaciated, W-swirled scales Y-popeye; Z-other

	Fins Code	Number Weighed		Total d Weight		WeightsCounts	s		Pa	age _	2	_ of -	3.
10		8	8	0.150	0-1508			D.	Е	L	Ť	М	*
	Pumpkin										,		
i	$(\hat{\mathbf{v}}_2)$ $(\mathbf{10x})$												11,2,00
11		3	3	0.010	0.0103			D	Е	L	Т	М	*
	greenside												-
. (V2) 10x												
12		36	36	0.164	0.110(23)	0.006(2)		D	Е	L	Т	М	*
	pluntnose			_д	0.008								
	V 10x				0.040	-							
	1 1204	210	26	0 1120	0.470(26))	E	L	Т	M	*
13	10 0 0	26	120	0,470	0.470(20)	`							
	Striped			. =									_
	V() 10x							D	E	1	Т	M	
1,4		l	1	0.008	0.008				E	L	1	IVI	
	golden sniner	1											
	(V) 10x												· ·
15	43-034	:41	41	0.104	D.004 D	· ·		D	E	L	Т	М	*
	sand				0.100(40)								
	$\sqrt{2}$ $10x$								 				
	112-007	2	12	0.090	0.090(2)			D	E	L	T	M	*
16	goldfish		1										
				*								_	
	(V_2) $10x$	1	1 4	0.004	(2 = >)			Ď	E	L	T	M	* .
17	80-014 Johnny	-	1 1 .	0.007	0.004								
	Darter	. —		= • =									
(VI) 10x								-	ļ	T.		*
18	77-000	5	5	0.032	0.010	0.0100		D	E	L	Т	М	
	Largemout	ľ .		= = =	0.0082								
1	(VI) 10x		- 1		0.004 1		1						
19	80-003	3	3	0.024	0.0640			D	Е	L	Т	М	*
• • •	Yellow				0.0120								
	VT 10x				0.0080	,				-			
	117 705	2	2	0.015	0.015(2)			D	E	L	Т	М	*
20	wrown.					-						<u>O</u>	
	bullnead			1							1		
	V 10x	 	7	n 510	0.000			D	E	L	T .	M	*
21	77-007 Warmouth	3	3	0.018	0,0060					-			
•	Sunfish				0.012 3						1 1		
	V 1) 10x				11								

Oh	DERA	FISH DATA SHEET	A Sheet	ID For Oili	ice Use Only	New Station (requires lat/long & cou	inty)	Mix Zone		Pa	ge <u> </u>	of	_3_
Stati	on ID		_ Rive	er Code_		RM0 - 1	2 Date	7/23/18	5	_Ti	me_	1.30	ohrs
Strea	m Mil	1 creek				Location	n <u>Upst</u>	ream	Df		m.	al	Road
Com	ments Di	A = 19.50	mi2										
Lat _	41.41	19Loi	ng - 8	1,038	S County	Chyanoge	2C A	LP	_ Ti	me F	ishe)	d 2	290 S
Crew	Fried	man	Nette	r Am	idon Ot	ners Zahlatne	1 Schi	Sam	pler	Тур	E		
					Secchi								
		Number T	otal	Total						LT A			
Fin		Weighed Co	unted	Weight		Weights (C	ounts)		Multi	iple DI	ELTs c	n one	s. Tumors
	009	15	15	0.230	0.020			D	E	L	Т	M	
SIL	resh sh				0.2108								
\mathbf{V}_{\parallel}	10x				0.006								
								Ď	E	L	Т	М	
V	10x												
								D	E	L	Т	М	*
													- 11
V	10x								-	-			
								D	E	L ,	Т	М	*
V	10x									-			
17			,					D	E.	L	T	М	*
	' -												
V	10x				-				-				
								D	Е	L	T	М	*
-	-						==						
V	10x								+				
	101							D	Е	L	T	M	*
							_						
$\overline{\mathbf{v}}$	10x	4								-	-	-	
	100							D	E	1.	Т	M	*
					en de deutschaftelijkelijkelijkelijkelijkelijkelije oor heteorie en oor oor oor oor oor oor								
v	10x											-	
V _{II}	IUX							D	E	L	T	M	*
1/	10			ngajinganga nji dilansi gashabilikila salilililikila						-			
V	10x	1			11	100		N.		EPA 4	4508	1	1/4/2005

^{*} A-anchor worm; B-black spot; C-leeches; F-fungus; N-blind; P-parasites; S-emaciated, W-swirled scales Y-popeye; Z-other

Station ID	SH DATA Sheet ID F SHEET River C	ode	RM O . I	2 Date Se	pts	2	187	ime	124	10
Stream M	ill Creek	cana	Ra Incatio	Cana	1	12	d	ше		
omments DA	River C i V Creek : 19.5 mi ²		Location	The state of the s		47		esetivit.	1-2	
at 41.417	8 Long -81,	6387 Cou	inty Cuyahis	a R. ALP		_ Т	ime	Figh	ed a	2~
rew M.Mean	Netter /	. Amidon	Others M.M.Atte	ON/T. Zablo	Tra	1	- TL-		10	49
	FlowTemp.			kita a sana a sana a sana a sana a sana a sana a sana a sana a sana a sana a sana a sana a sana a sana a sana				200		
		Seccni	Source _	Project	201	3 /	ACH	Cre	<u>er</u>	
Nun Fins Code Wei	nber Total Tot ghed Counted Wei	al	WeightsC	ounte).	Defe	D]	ELT.	ANO	MAL , Lesi	JES
43-013	ZZ	£0)	Weights	ounts	D	Mul	tiple I	DELTS	on or	ie fis
reck chup		(60)	*		1 t		-	207	147	
			<u></u>			-	H			
7 10x								//is	18	
80-003	2	(2)			D	E	L	T	M	*
perun			1 1 V V24			Family				
10x									100	
40-015	3	3			D	E	L	Т	М	*
gsucker			- KI							
10x			101			-			744	
3-044	537	(291)			D	E	L	Т	M	٠
meralur		246								
10x		(A)								
7-005	2	(2)		aya — Na	D	E	L	T	M	•
own						1			Hai:	
10x			1		32.5	- 20				
17-004	15	(5)	1/2		D	E	L	T	M	H 100
ullow outhead	AT NOT THE					14			4	
10x	may to all the constraints		2.01							
10x	97	3)	7 C SS		D	E	L	Т	М	
hitesucker		4				A		61	-	PE S
		<u>()</u>	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			-	+	178	7	
10x	21	3			D	E	1	T	0	100
11-008		1	(12)			E	L	T	M	10
untish		(Smarr)	ON						1	M
2 10x		D (SMILLE)					, k	- 61	2.50	126
naturoury		0	- I		D	E	L	T	М	*
oass						10.55		16		1
10x						3.4		36.56	100-	32/

Fins	Num Code Weig	ber Total hed Counted	Total Weight	militario verr ^a	WeightsCou	ints	VEA:	P	age		– of	1
27	-00b	12>	200	0			D	E	L	T	M	
Large	mouth	ST FAN	75	0	50 1 - NOAN	Story		11	1-1	Į.	400	200
V	10x		marker 5	(e)		1	(1 E)	195	13.61		11/0/1	600
	-043	154	13	(h)	(60)	7 630 170	D	Е	L	Т	М	*
plur	itnose	Jan State		0								100
-	1000	stighteria		3	19180	SELECT PARTY.		11				AF S
V /10	10x	50	7		2	3 mask	D	E	L	Т	M	1
	5-034		4	40)		1876	TE .	1 4611		-		H
Sano	ner		(Attito	O d g b W	(4)	. regulariti hatar	00	blant :	10.07	25	12	
V40	10x	3 3		0	0	2	D	E	1	Т	M	
77	-009	119		9			1	-	L	-	М	
SUI	arichi Arish									1.0		
V	10x		(a)					W.	- 4		75.6	23
	-025	42		(b)			D	Е	L	Т	M	
strip	ud			2						S E		
v	10x -	- The state of the		(34)		y.				200		- 1
77	-015			(10)			D	Е	L	Т	M	*
grade	1 %			0		7	-1		1		-	
v2	1911					\$ 1 X.2	3 13					
	10x	12		2	2017		D	E	L	Т	M	*
10gp	even		4									
v	10x								100	9.1	10-	¥f
80	-015	25		25)			D	Е	L	T	M	
	nsidl irM		a langu ang kawasa a matingga pala									10
V 42	10x	10	T	(2)		3	D	E	L	Т	M	4
43 SIIV	rjaw nhow	10	1	8			7	1		o progra		
200	The state of the s		All the	<u>()</u>			8 5		-		4	-
V	10x			0		1 <u>1</u>	D	E	L	T	M	*
ralla	-022 bow tur			0			ĺ				YYY	100
VI	10x	700	1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1)		2)					
77	-013	TILL		0	6		D	E	L	T	М	*
sun	HSIN THE						-	he may		61		1
v	10x				- J N			17	1	T	11	
43	100	19		3			D	E	L	Т	M	18
place	acl			0						0.1		
v	10x		District August	(3)	P _a) beloddios-E _c esti ac i o	Plany Company of	sia —	e egg	A PIY	100	9 77 5	+

Station ID	River Code		RM_Z/\(\)	Date_ <u>J</u>	14.2	2 02	_T_	ime_	2:0	Opini
ream WEST	CREEK		Location				480)		
Comments DA	- 8.7 mi2		#	Control of the Contro	and the second				-	57
Lat 71.7136	Long -81.67 Telmon Zabletney Netter By	County	CUYAHOGA	ALP _		_ T	ime l	Fishe	ed =	·'L
Crew Mattern Fr	Netter Netter	nha Boggan Otl	iers —		- San	ıpler	Тур	e	L	
Distance O. 15 Km	FlowTemp. C .	Secchi	Source	Project_	20	15	WES	TC	REE	K
	mber Total Total					DI	ELT A	ANON	/AL	IES
Fins Code We	ighed Counted Weight		Weights (Co	unts)	Defo	rmitie Mul	s, Ero tiple D	sions, ELTs	Lesio on on	ns, Tum e fish
43-044	266	(249)	(13)		D	E	L	T	M	172
Stone		(4)								
V 10x			1		-		+ 1			
43-011	189	(173)	(4)		D	Е	L	T	M	
Black		(12)		emperation of the self-order	erjand argust					
Vace 10x							1			
43-013	123	(VOB)	(15)		D	Е	L	T	М	W
chub							7			
V 10x			1 1				-1			
		Music Control		-	. D	E	L	Т	М	•
100			Personal Control of the Control of t	A CONTRACTOR OF THE PARTY OF TH		eje jeniu	17			12011
V 10x				Services of the			+		1000	
	日本学事 2017			N. T	D	Е	L	Т	M	•
	many property of the second	FOR PROPERTY OF THE PROPERTY O	The second secon	p of the depth of the Section of the	e con emple		17	- Level		
V 10x						1	11			
	4		1		D	E	L	T	M	
**************************************		S-10-10-10-10-10-10-10-10-10-10-10-10-10-			major.		1-1	10-4-21	445	Suid-L.
V 10x				<u> </u>		-	1	1	77	
104			1		D	E	L	Т	M	*
en programme in the programme of the first state of	AND AND AND AND AND AND AND AND AND AND	WATER TO THE TAX TO THE TAX					-		i Mys.i.es	
V 10x										
TUX					D	Ē	L	Т	M	*
	reconstruction of the Control of the				-1	-	1	20.10		- V
V 42						3				- 1
V 10x				-	D	E	L	Т	M	
				and the second				2 FA 1	14	VF.
2	at 16						1			
V 10x				0.00	5		EPA -			11/4/200

H3-044 W78 Page W78 Page W78 W79	Location	ALP project 2	Samp OIS Deform D	Tir oler be DE	me I Typ Vest	Fisher Creamons, Sions,	ed E	ES as, T
Lat 41.4145 (N) Long -81.6477 (W) County County Crew Friedman Netter Amidon Others-Distance O.15 km Flow Temp. C Secchi Fins Code Weighed Counted Weight V 10x (171)	YAHOGA ablotny/co Boggan Source Veights Cour	Project 2	Deform D	Tinbler DE mittes Multi E	Typ Vest LT A , Eros ple D L	Fisher Cre ANOM Sions, ELTS T	MALII Lesion on one	ES
Lat 41, 4145 (N) Long -81. (477 (W) County Cy Crew Friedman Netter Amidon Others Distance (A15 KmFlow Temp. C Secchi Number Total Total Fins Code Weighed Counted Weight 43-044 078 Stoner Bridge V 10x 40-010 180 Nhite Svelects V 10x 43-013 28 Creek Convos V 10x 43-034 25 304 304 304 307 308 77-008	Source Veights Coun	Project	Deform D	DE DE DE DE DE DE DE DE DE DE DE DE DE D	LT A LT A LT A LT A LT A LT A LT A LT A	NON sions, DELTS	MALII Lesion on one M	ES
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Distance O.15 Km Flow Temp. C Secchi Number Total Total Weight H3-044 U78 Fins Code Weighed Counted Weight V 10x (171) V 10x (171) White Sveleers V 10x (27) V 10x (27) V 10x (27) V 10x (27) V 10x (27) V 10x (27) V 10x (27) V 10x (27) V 10x (27) V 10x (27) V 10x (27) V 10x (27) V 10x (171) V 10x (Source Veights Coun	Project	Deform D	DE DE DE DE DE DE DE DE DE DE DE DE DE D	LT A LT A LT A LT A LT A LT A LT A LT A	NON sions, DELTS	MALII Lesion on one M	ES
Fins Code Weighed Counted Weight	Veights Cour	(35)	Deform I	DE nities Multi E	LT A, Eros ple D L	NON sions, DELTS T	MALII Lesion on one M	ES is, T
Fins Code Weighed Counted Weight 43-044 Stonerophor V 10x 40-016 White Sveleers V 10x 43-013 C reek Cnvbs V 10x 43-034 25 21) 43-025 166 170 43-025 170 171 10x 43-025 10x 43-025 10x 43-025 10x 43-025 10x 43-025 10x 43-025 10x 10x 10x 10x 10x 10x 10x 10	(3)	(35)	D D	nities Multi E	, Eros ple D L	sions, ELTs T	Lesion one M M	is, T
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28 c reek cnvbs v 10x 23-034 25 sand shiners v2 10x 13-025 triped shiners v2 10x 77-008 01960 Suntish v 10x 43-043 blunt-nose minnow	3)			Е	L	T	M	*5
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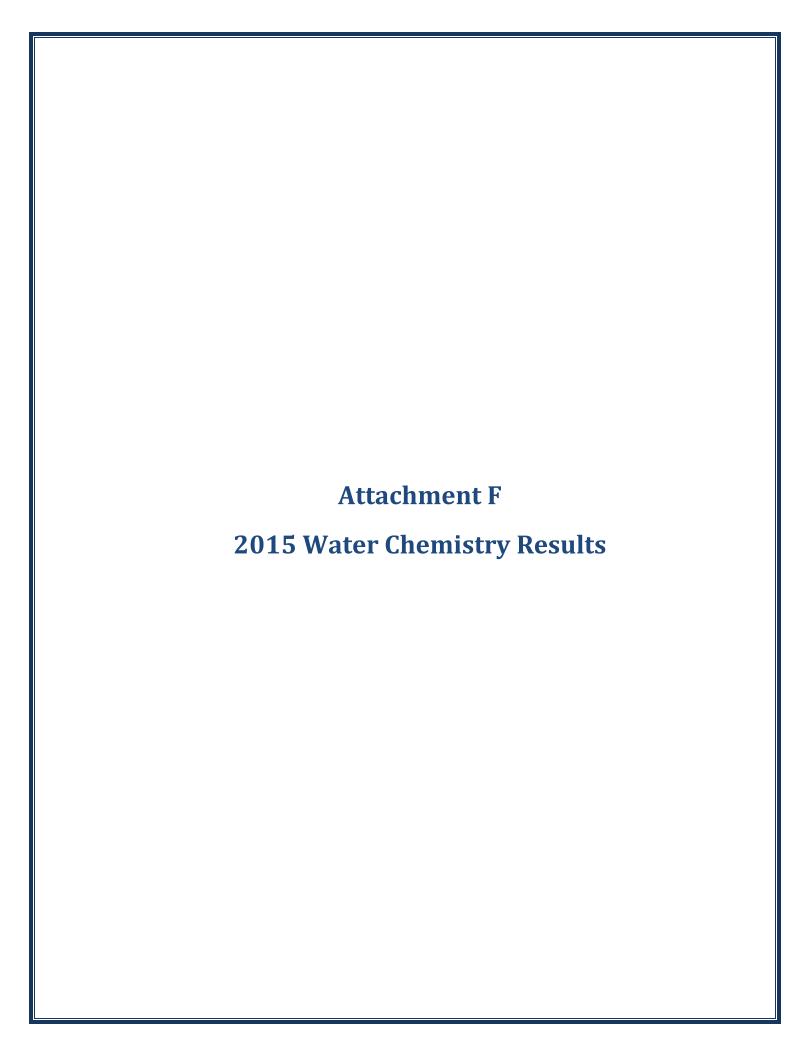
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rew Zablotny	Netter Mea	ny Ot	hers Matteron	, Amido	¹⊻\San	pler	Тур	e _		
rew Zablotny istance 0.15 Flow	Temp. C	Secchi	Source	Projec	t_20	15	W	62	+C	v.
			The Control	de com promoutent o	1		- 7		IALII	Mark !
Number Fins Code Weighed	Total Total Counted Weight		Weights Co	ounts	Defo	rmitie	s, Ero	sions,	Lesion on one	s, Tumo
10-016	26	(24)			D	E		T	M	* 1
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43-011	29	(27)	1 14	Br. Buch	D	E	L	T	M	
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17-004 rellaw		U	No. 15 Mars bearing	Monwood	D	E	L	T	M	N/A
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3-043	1.3	(12)			I D	E	L	T	M	
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13-042	2	(2)			D	Е	L	T.	M	
Minnow		different in			Bridge War	177				
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Suntish										
10x	1 - 1 - 1 - 1 - 1		1 4.44- 100	1			1		161	Jane !

^{*} A-anchor worm; B-black spot; C-leeches; F-fungus; N-blind; P-parasites; S-emaciated, W-swirled scales Y-popeye; Z-other

Fins Code	Number Weighed	Total		godalik wazi Maran	WeightsCour	its	9 A 4	d li	age	2	_ of	2
43-034	Weightu	22	Weight	(12)	10000000	ning Vangisi	D	E	L	Т	M	*
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43-044		284		(2)			D	E	L	T	M	100
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Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	*CaCO3		276	mg/LCaCO3	5-Aug-15	1	•	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	*CaCO3		254	mg/LCaCO3	21-Aug-15	1		EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	*CaCO3		222	mg/LCaCO3	24-Sep-15	1		EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	*CaCO3		214	mg/LCaCO3	24-Sep-15	1		EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	*CaCO3		182	mg/LCaCO3	1-Sep-15	1		EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	*CaCO3		155	mg/LCaCO3	24-Sep-15	1		EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Ag	<	0.018	ug/L	5-Aug-15	0.018	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Ag	<	0.018	ug/L	21-Aug-15	0.018	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Ag	<	0.018	ug/L	17-Sep-15	0.018	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Ag	<	0.018	ug/L	17-Sep-15	0.018	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Ag	<	0.018	ug/L	1-Sep-15	0.018	1	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Ag	<	0.018	ug/L	24-Sep-15	0.018	1	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Al		26.79	ug/L	5-Aug-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Al		109	ug/L	21-Aug-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Al		23.56	ug/L	17-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Al		28.26	ug/L	17-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Al		141.4	ug/L	1-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Al		290.1	ug/L	24-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Alkalinity		150.3	mg/LCaCO3	24-Jul-15	1.6	10	EPA-310.2
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Alkalinity		131	mg/LCaCO3	30-Jul-15	1.6	10	EPA-310.2
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Alkalinity		117.6	mg/LCaCO3	7-Aug-15	1.6	10	EPA-310.2
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Alkalinity		123.6	mg/LCaCO3	10-Aug-15	1.6	10	EPA-310.2
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Alkalinity		97.3	mg/LCaCO3	14-Aug-15	1.6	10	EPA-310.2
Big Creek	River Mile 4.40	8/19/2015 10:40		Alkalinity		80.4	mg/LCaCO3	20-Aug-15	1.6	10	EPA-310.2
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	As	j	1.324	ug/L	5-Aug-15	0.64	2	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	As	j	0.672	ug/L	21-Aug-15	0.64	2	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	As	j	0.769	ug/L	17-Sep-15	0.64	2	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	As	j	0.895	ug/L	17-Sep-15	0.64	2	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	As	j	1.309	ug/L	1-Sep-15	0.64	2	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40		As	j	1.248	ug/L	24-Sep-15	0.64	2	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Ba		39.77	ug/L	5-Aug-15	0.066	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Ва		38.22	ug/L	21-Aug-15	0.066	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Ва		33.07	ug/L	17-Sep-15	0.066	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Ba		32.58	ug/L	17-Sep-15	0.066	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50		Ba		27.31	ug/L	1-Sep-15	0.066	1	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40		Ва		24.11	ug/L	24-Sep-15	0.066	1	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Be	<	0.108	ug/L	5-Aug-15	0.108	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Be	<	0.108	ug/L	21-Aug-15	0.108	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Be	<	0.108	ug/L	17-Sep-15	0.108	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Be	<	0.108	ug/L	17-Sep-15	0.108	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	V-1200110003	Ве	<	0.108	ug/L	1-Sep-15	0.108	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Big Creek	River Mile 4.40	8/19/2015 10:40	•	Be	<	0.108	ug/L	24-Sep-15	0.108	1	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	BOD	<	2	mg/L	22-Jul-15	2		SM 5210
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	BOD	<	2	mg/L	29-Jul-15	2		SM 5210
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	BOD	<	2	mg/L	5-Aug-15	2		SM 5210
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	BOD	<	2	mg/L	5-Aug-15	2		SM 5210
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	BOD	<	2	mg/L	12-Aug-15	2		SM 5210
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	BOD	ΑE		mg/L	19-Aug-15	2		SM 5210
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Ca		74960	ug/L	5-Aug-15	33.8	250	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Ca		70000	ug/L	21-Aug-15	33.8	250	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Ca		61510	ug/L	17-Sep-15	33.8	250	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Ca		59550	ug/L	17-Sep-15	33.8	250	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Ca		49550	ug/L	1-Sep-15	33.8	250	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Ca		43180	ug/L	24-Sep-15	33.8	250	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Cd	<	0.068	ug/L	5-Aug-15	0.068	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Cd	j	0.068	ug/L	21-Aug-15	0.068	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Cd	<	0.068	ug/L	17-Sep-15	0.068	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Cd	<	0.068	ug/L	17-Sep-15	0.068	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Cd	<	0.068	ug/L	1-Sep-15	0.068	1	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Cd	<	0.068	ug/L	24-Sep-15	0.068	1	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Chloride		248.7	mg/L	5-Aug-15	2	10	EPA 300.0
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Chloride		235	mg/L	6-Aug-15	2	10	EPA 300.0
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Chloride		215.5	mg/L	12-Aug-15	2	10	EPA 300.0
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Chloride		215.4	mg/L	12-Aug-15	2	10	EPA 300.0
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Chloride		162	mg/L	26-Aug-15	1	5	EPA 300.0
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Chloride		115.9	mg/L	2-Sep-15	1	5	EPA 300.0
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Co	j	0.242	ug/L	5-Aug-15	0.112	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Co	j	0.458	ug/L	21-Aug-15	0.112	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Co	j	0.193	ug/L	17-Sep-15	0.112	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Co	j	0.175	ug/L	17-Sep-15	0.112	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Co	j	0.336	ug/L	1-Sep-15	0.112	1	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Co	j	0.393	ug/L	24-Sep-15	0.112	1	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	COD	j	7.7	mg/L	23-Jul-15	4.9	10	EPA 410.4
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	COD		12.3	mg/L	30-Jul-15	4.9	10	EPA 410.4
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	COD		25.4	mg/L	6-Aug-15	4.9	10	EPA 410.4
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	COD		24	mg/L	7-Aug-15	4.9	10	EPA 410.4
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	COD		18.6	mg/L	13-Aug-15	4.9	10	EPA 410.4
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	COD		20.7	mg/L	21-Aug-15	4.9	10	EPA 410.4
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Conduct		1290	uS/cm	12-Aug-15	0.2	8.0	SM 2510B
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Conduct		1210	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Conduct		1090	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Conduct		1100	uS/cm	12-Aug-15	0.2	0.8	SM 2510B

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Conduct		899	uS/cm	9-Sep-15	0.2	0.8	SM 2510B
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Conduct		711	uS/cm	9-Sep-15	0.2	0.8	SM 2510B
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Cr	j	0.92	ug/L	5-Aug-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Cr	-	1.049	ug/L	21-Aug-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Cr	j	0.756	ug/L	17-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Cr	j	0.878	ug/L	17-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Cr	j	0.524	ug/L	1-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Cr		1.797	ug/L	24-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Cu		3.086	ug/L	5-Aug-15	0.146	2	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Cu		3.711	ug/L	21-Aug-15	0.146	2	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Cu		3.946	ug/L	17-Sep-15	0.146	2	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Cu		3.819	ug/L	17-Sep-15	0.146	2	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Cu		3.619	ug/L	1-Sep-15	0.146	2	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Cu		4.101	ug/L	24-Sep-15	0.146	2	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	DRPhos		0.055	mg/L	22-Jul-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	DRPhos		0.06	mg/L	30-Jul-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	DRPhos		0.069	mg/L	6-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	DRPhos		0.066	mg/L	6-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	DRPhos		0.04	mg/L	13-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	DRPhos		0.039	mg/L	20-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	E. coli		476	MPN/100 mL	22-Jul-15	1		SM 9223 Colilert
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	E. coli		459	MPN/100 mL	29-Jul-15	1		SM 9223 Colilert
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	E. coli		310	MPN/100 mL	5-Aug-15	1		SM 9223 Colilert
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	E. coli		324	MPN/100 mL	5-Aug-15	1		SM 9223 Colilert
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	E. coli		324	MPN/100 mL	5-Aug-15	1		
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	E. coli		3963	MPN/100 mL	12-Aug-15	1		SM 9223 Colilert
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	E. coli		13015	MPN/100 mL	19-Aug-15	1		SM 9223 Colilert
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Fe		237.9	ug/L	5-Aug-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Fe		435.6	ug/L	21-Aug-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Fe		198.2	ug/L	17-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Fe		200.4	ug/L	17-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Fe		434.5	ug/L	1-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40		Fe		644.5	ug/L	24-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50		Field Cond		1119	umhos/cm				SM 2510A
Big Creek	River Mile 4.40	7/22/2015 8:50		Field Cond		1119	umhos/cm				SM 2510B
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Field Cond		1260	umhos/cm				SM 2510A
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Field Cond		1260	umhos/cm				SM 2510B
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Field Cond		1120	umhos/cm				SM 2510A
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Field Cond		1120	umhos/cm				SM 2510B
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Field Cond		1195	umhos/cm				SM 2510A
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Field Cond		1195	umhos/cm				SM 2510B

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Field Cond		1089	umhos/cm	-			SM 2510A
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Field Cond		1089	umhos/cm				SM 2510B
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Field Cond		966.9	umhos/cm				SM 2510A
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Field Cond		966.9	umhos/cm				SM 2510B
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Field Cond		966.9	umhos/cm				SM 2510A
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Field Cond		100.3	umhos/cm				SM 2510A
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Field Cond		100.3	umhos/cm				SM 2510B
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Field Cond		813	umhos/cm				SM 2510A
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Field Cond		813	umhos/cm				SM 2510B
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Field Cond		669	umhos/cm				SM 2510A
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Field Cond		669	umhos/cm				SM 2510B
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Field Cond		703	umhos/cm				SM 2510A
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Field Cond		703	umhos/cm				SM 2510B
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Field DO		8.83	mg/L				SM 4500-0 G
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Field DO		8.83	mg/L				
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Field DO		95.8	%				SM 4500-0 G
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Field DO		95.8	%				
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Field DO		108.2	%				SM 4500-0 G
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Field DO		108.2	%				
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Field DO		9.63	mg/L				SM 4500-0 G
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Field DO		9.63	mg/L				
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Field DO		8.24	mg/L				SM 4500-0 G
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Field DO		8.24	mg/L				
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Field DO		89.3	%				SM 4500-0 G
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Field DO		89.3	%				
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Field DO		8.24	mg/L				SM 4500-0 G
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Field DO		894.5	%				SM 4500-0 G
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Field DO		894.5	%				
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Field DO		9.05	mg/L				SM 4500-0 G
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Field DO		9.05	mg/L				
Big Creek	River Mile 4.40	8/19/2015 10:40		Field DO		10.15	mg/L				SM 4500-0 G
Big Creek	River Mile 4.40	8/19/2015 10:40		Field DO		10.15	mg/L				
Big Creek	River Mile 4.40	8/19/2015 10:40		Field DO		120	%				SM 4500-0 G
Big Creek	River Mile 4.40	8/19/2015 10:40		Field DO		120	%				
Big Creek	River Mile 4.40		R-1507210003	Field Temp		19.2	С				EPA 170.1
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Field Temp		21.7	С				EPA 170.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Field Temp		19.1	С				EPA 170.1
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Field Temp		20.2	С				EPA 170.1
Big Creek	River Mile 4.40	8/19/2015 10:40		Field Temp		22.5	C				EPA 170.1
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Hg	<	0.006	ug/L	28-Jul-15	0.006		EPA 245.1
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Hg	j	0.009	ug/L	4-Aug-15	0.006	0.05	EPA 245.1

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Hg	<	0.006	ug/L	7-Aug-15		0.05	EPA 245.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Hg	<	0.006	ug/L	7-Aug-15	0.006	0.05	EPA 245.1
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Hg	<	0.006	ug/L	20-Aug-15	0.006	0.05	EPA 245.1
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Hg	<	0.006	ug/L	20-Aug-15	0.006	0.05	EPA 245.1
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	K		4884	ug/L	5-Aug-15	7.4	250	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	K		4827	ug/L	21-Aug-15	7.4	250	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	K		4331	ug/L	17-Sep-15	7.4	250	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	K		4222	ug/L	17-Sep-15	7.4	250	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	K		4167	ug/L	1-Sep-15	7.4	250	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	K		3742	ug/L	24-Sep-15	7.4	250	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Mg		21720	ug/L	5-Aug-15	4.2	250	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Mg		19160	ug/L	21-Aug-15	4.2	250	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Mg		16520	ug/L	24-Sep-15	2.1	125	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Mg		15780	ug/L	24-Sep-15	2.1	125	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Mg		14050	ug/L	1-Sep-15	4.2	250	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Mg		11400	ug/L	24-Sep-15	4.2	250	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Mn		10.25	ug/L	5-Aug-15	0.114	2	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Mn		28.08	ug/L	21-Aug-15	0.114	2	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Mn		11.46	ug/L	17-Sep-15	0.114	2	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Mn		12.62	ug/L	17-Sep-15	0.114	2	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Mn		20.18	ug/L	1-Sep-15	0.114	2	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Mn		21.01	ug/L	24-Sep-15	0.114	2	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Mo		4.711	ug/L	5-Aug-15	0.034	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Mo		4.697	ug/L	21-Aug-15	0.034	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Mo		4.277	ug/L	17-Sep-15	0.034	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Mo		4.178	ug/L	17-Sep-15	0.034	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Mo		3.716	ug/L	1-Sep-15	0.034	1	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Mo		3.304	ug/L	24-Sep-15	0.034	1	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Na		162200	ug/L	5-Aug-15	27.8	250	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Na		144000	ug/L	21-Aug-15	27.8	250	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Na		144800	ug/L	17-Sep-15	27.8	250	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Na		137300	ug/L	17-Sep-15	27.8	250	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Na		100200	ug/L	1-Sep-15	27.8	250	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Na		75600	ug/L	24-Sep-15	27.8	250	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	NH3	j	0.012	mg/L	29-Jul-15	0.002	0.02	EPA-350.1
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	NH3		0.138	mg/L	4-Aug-15	0.002	0.02	EPA-350.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	NH3		0.034	mg/L	12-Aug-15	0.002	0.02	EPA-350.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	NH3		0.033	mg/L	12-Aug-15	0.002	0.02	EPA-350.1
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	NH3		0.025	mg/L		0.002	0.02	EPA-350.1
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	NH3		0.028	mg/L		0.002	0.02	EPA-350.1
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Ni	j	3.052	ug/L	5-Aug-15	0.132	4	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Ni	j	3.549	ug/L	21-Aug-15	0.132	4	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Ni	j	2.689	ug/L	17-Sep-15	0.132	4	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Ni	j	2.958	ug/L	17-Sep-15	0.132	4	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Ni	j	3.191	ug/L	1-Sep-15	0.132	4	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Ni	j	3.061	ug/L	24-Sep-15	0.132	4	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	NO2	j	0.005	mg/L	22-Jul-15	0.001	0.02	EPA 300.0
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	NO2	j	0.005	mg/L	22-Jul-15	0.001	0.02	SM 4500-NO2-B
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	NO2	j	0.006	mg/L	29-Jul-15	0.001	0.02	EPA 300.0
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	NO2	j	0.006	mg/L	29-Jul-15	0.001	0.02	SM 4500-NO2-B
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	NO2	j	0.007	mg/L	5-Aug-15	0.001	0.02	EPA 300.0
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	NO2	j	0.007	mg/L	5-Aug-15	0.001	0.02	SM 4500-NO2-B
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	NO2	j	0.008	mg/L	5-Aug-15	0.001	0.02	EPA 300.0
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	NO2	j	0.008	mg/L	5-Aug-15	0.001	0.02	SM 4500-NO2-B
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	NO2	j	0.014	mg/L	12-Aug-15	0.001	0.02	EPA 300.0
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	NO2	j	0.014	mg/L	12-Aug-15	0.001	0.02	SM 4500-NO2-B
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	NO2		0.029	mg/L	19-Aug-15	0.001	0.02	EPA 300.0
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	NO2		0.029	mg/L	19-Aug-15	0.001	0.02	SM 4500-NO2-B
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	NO3		0.274	mg/L	29-Jul-15	0.003	0.02	EPA 300.0
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	NO3		0.274	mg/L	29-Jul-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	NO3		0.156	mg/L	4-Aug-15	0.003	0.02	EPA 300.0
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	NO3		0.156	mg/L	4-Aug-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	NO3		0.281	mg/L	12-Aug-15	0.003	0.02	EPA 300.0
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	NO3		0.281	mg/L	12-Aug-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	NO3		0.292	mg/L	12-Aug-15	0.003	0.02	EPA 300.0
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	NO3		0.292	mg/L	12-Aug-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	NO3		0.645	mg/L		0.003	0.02	EPA 300.0
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	NO3		0.645	mg/L		0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	NO3		0.712	mg/L		0.003	0.02	EPA 300.0
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	NO3		0.712	mg/L		0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	NO3+NO2		0.279	mg/L	29-Jul-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	NO3+NO2		0.162	mg/L	4-Aug-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	NO3+NO2		0.287	mg/L	12-Aug-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	NO3+NO2		0.3	mg/L	12-Aug-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	NO3+NO2		0.658	mg/L		0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	NO3+NO2		0.741	mg/L		0.003	0.02	EPA 353.2
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Pb	j	0.145	ug/L	5-Aug-15	0.116	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Pb	j	0.521	ug/L	21-Aug-15	0.116	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Pb	j	0.201	ug/L	17-Sep-15	0.116	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Pb	j	0.204	ug/L	17-Sep-15	0.116	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Pb	j	0.574	ug/L	1-Sep-15	0.116	1	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Pb	j	0.812	ug/L	24-Sep-15	0.116	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	рН		8.16	S.U.				EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	pН		8.16	S.U.				
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	pН		8.26	S.U.				EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	pН		8.26	S.U.				
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	pН		7.99	S.U.				EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	pН		7.99	S.U.				
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	pН		8.09	S.U.				EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	pН		8.09	S.U.				
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	рН		8.02	S.U.				EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	рН		8.02	S.U.				
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Sb	j	0.431	ug/L	5-Aug-15	0.036	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Sb	j	0.314	ug/L	21-Aug-15	0.036	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Sb	j	0.446	ug/L	17-Sep-15	0.036	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Sb	j	0.403	ug/L	17-Sep-15	0.036	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Sb	j	0.488	ug/L	1-Sep-15	0.036	1	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Sb	j	0.411	ug/L	24-Sep-15	0.036	1	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Se	<	0.76	ug/L	5-Aug-15	0.76	5	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Se	<	0.76	ug/L	21-Aug-15	0.76	5	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Se	<	0.76	ug/L	17-Sep-15	0.76	5	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Se	<	0.76	ug/L	17-Sep-15	0.76	5	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Se	<	0.76	ug/L	1-Sep-15	0.76	5	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Se	<	0.76	ug/L	24-Sep-15	0.76	5	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Sn	j	0.893	ug/L	5-Aug-15	0.162	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Sn	<	0.162	ug/L	21-Aug-15	0.162	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Sn	<	0.162	ug/L	17-Sep-15	0.162	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Sn	j	0.818	ug/L	17-Sep-15	0.162	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Sn	<	0.162	ug/L	1-Sep-15	0.162	1	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Sn	<	0.162	ug/L	24-Sep-15	0.162	1	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	SO4		87.76	mg/L	5-Aug-15	0.5	5	EPA 300.0
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	SO4		82.77	mg/L	6-Aug-15	0.5	5	EPA 300.0
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	SO4		70.34	mg/L	12-Aug-15	0.5	5	EPA 300.0
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	SO4		70.41	mg/L	12-Aug-15	0.5	5	EPA 300.0
Big Creek	River Mile 4.40	8/12/2015 9:50		SO4		68.57	mg/L	26-Aug-15	0.5	5	EPA 300.0
Big Creek	River Mile 4.40	8/19/2015 10:40		SO4		63.14	mg/L	2-Sep-15	0.5	5	EPA 300.0
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Sr		392.654	ug/L	5-Aug-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Sr		393.981	ug/L	21-Aug-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Sr		337.425	ug/L	17-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Sr		329.998	ug/L	17-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Sr		265.901	ug/L	1-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40		Sr		235.302	ug/L	24-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	TDS		752	mg/L	24-Jul-15	1	5	SM2540C

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	TDS		668	mg/L	31-Jul-15	1	5	SM2540C
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	TDS		666	mg/L	7-Aug-15	1	5	SM2540C
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	TDS		642	mg/L	7-Aug-15	1	5	SM2540C
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	TDS		552	mg/L	14-Aug-15	1	5	SM2540C
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	TDS		408	mg/L	21-Aug-15	1	5	SM2540C
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Ti	j	0.795	ug/L	5-Aug-15	0.142	2	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Ti		2.088	ug/L	21-Aug-15	0.142	2	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Ti	j	0.813	ug/L	17-Sep-15	0.142	2	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Ti	j	0.85	ug/L	17-Sep-15	0.142	2	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Ti		2.179	ug/L	1-Sep-15	0.142	2	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Ti		3.828	ug/L	24-Sep-15	0.142	2	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	TKN	j	0.425	mg/L	29-Jul-15	0.081	0.5	EPA-351.1
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	TKN	j	0.454	mg/L	6-Aug-15	0.081	0.5	EPA-351.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	TKN		0.581	mg/L	11-Aug-15	0.081	0.5	EPA-351.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	TKN		0.504	mg/L	19-Aug-15	0.081	0.5	EPA-351.1
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	TKN		0.636	mg/L	19-Aug-15	0.081	0.5	EPA-351.1
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	TKN		0.724	mg/L	26-Aug-15	0.081	0.5	EPA-351.1
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	TI	j	0.051	ug/L	5-Aug-15	0.014	1	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	TI	j	0.074	ug/L	21-Aug-15	0.014	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	TI	j	0.073	ug/L	17-Sep-15	0.014	1	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	TI	<	0.014	ug/L	17-Sep-15	0.014	1	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	TI	j	0.047	ug/L	1-Sep-15	0.014	1	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	TI	j	0.041	ug/L	24-Sep-15	0.014	1	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	TMET		11.5	ug/L	5-Aug-15	10		EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	TMET		15.2	ug/L	21-Aug-15	10		EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	TMET		15.2	ug/L	17-Sep-15	10		EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	TMET		16	ug/L	17-Sep-15	10		EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	TMET		18.2	ug/L	1-Sep-15	10		EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	TMET		16	ug/L	24-Sep-15	10		EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Total-P		0.076	mg/L	23-Jul-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Total-P		0.098	mg/L	30-Jul-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Total-P		0.098	mg/L	6-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Total-P		0.102	mg/L	6-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Total-P		0.076	mg/L	14-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Total-P		0.076	mg/L	20-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	TS		784	mg/L	23-Jul-15	1	5	SM2540B
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	TS		748	mg/L	29-Jul-15	1	5	SM2540B
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	TS		670	mg/L	6-Aug-15	1	5	SM2540B
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	TS		670	mg/L	6-Aug-15	1	5	SM2540B
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	TS		546	mg/L	13-Aug-15	1	5	SM2540B
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	TS		440	mg/L	20-Aug-15	1	5	SM2540B

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	TSS		2.1	mg/L	23-Jul-15	0.5	1	SM2540D
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	TSS		2.3	mg/L	29-Jul-15	0.5	1	SM2540D
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	TSS		3.5	mg/L	6-Aug-15	0.5	1	SM2540D
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	TSS		3.8	mg/L	6-Aug-15	0.5	1	SM2540D
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	TSS		5.2	mg/L	13-Aug-15	0.5	1	SM2540D
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	TSS		9.7	mg/L	20-Aug-15	0.5	1	SM2540D
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Turbidity		1.34	NTU				EPA 180.1
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Turbidity		5.53	NTU				EPA 180.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Turbidity		1.5	NTU				EPA 180.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Turbidity		1.7	NTU				EPA 180.1
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Turbidity		11.4	NTU				EPA 180.1
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Turbidity		23.2	NTU				EPA 180.1
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	V	<	0.48	ug/L	5-Aug-15	0.48	10	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	V	<	0.48	ug/L	21-Aug-15	0.48	10	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	V	<	0.48	ug/L	17-Sep-15	0.48	10	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	V	<	0.48	ug/L	17-Sep-15	0.48	10	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	V	j	0.744	ug/L	1-Sep-15	0.48	10	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	V	j	0.493	ug/L	24-Sep-15	0.48	10	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Zn	j	4.471	ug/L	5-Aug-15	0.48	10	EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Zn	j	6.898	ug/L	21-Aug-15	0.48	10	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Zn	j	7.836	ug/L	17-Sep-15	0.48	10	EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030024	Zn	j	8.384	ug/L	17-Sep-15	0.48	10	EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Zn		10.91	ug/L	1-Sep-15	0.48	10	EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Zn	j	7.078	ug/L	24-Sep-15	0.48	10	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	*CaCO3		256	mg/LCaCO3	5-Aug-15	1		EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	*CaCO3		264	mg/LCaCO3	21-Aug-15	1		EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	*CaCO3		208	mg/LCaCO3	24-Sep-15	1		EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	*CaCO3		201	mg/LCaCO3	1-Sep-15	1		EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	*CaCO3		152	mg/LCaCO3	24-Sep-15	1		EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Ag	<	0.018	ug/L	5-Aug-15	0.018	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Ag	<	0.018	ug/L	21-Aug-15	0.018	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Ag	<	0.018	ug/L	17-Sep-15	0.018	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Ag	<	0.018	ug/L	1-Sep-15	0.018	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Ag	<	0.018	ug/L	24-Sep-15	0.018	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Al		29.98	ug/L	5-Aug-15	1	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Al		59.5	ug/L	21-Aug-15	1	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Al		28.44	ug/L	17-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Al		89.7	ug/L	1-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Al		231	ug/L	24-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Alkalinity		144.8	mg/LCaCO3	23-Jul-15	1.6	10	EPA-310.2
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Alkalinity		136.3	mg/LCaCO3	30-Jul-15	1.6	10	EPA-310.2
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Alkalinity		125.6	mg/LCaCO3	7-Aug-15	1.6	10	EPA-310.2
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Alkalinity		109	mg/LCaCO3	14-Aug-15	1.6	10	EPA-310.2
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Alkalinity		81.7	mg/LCaCO3	20-Aug-15	1.6	10	EPA-310.2
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	As	j	1.712	ug/L	5-Aug-15	0.64	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	As	j	0.958	ug/L	21-Aug-15	0.64	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	As	j	1.61	ug/L	17-Sep-15	0.64	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	As	j	1.7	ug/L	1-Sep-15	0.64	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	As	j	1.13	ug/L	24-Sep-15	0.64	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Ва		44.9	ug/L	5-Aug-15	0.066	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Ва		48.3	ug/L	21-Aug-15	0.066	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Ва		35.94	ug/L	17-Sep-15	0.066	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10		Ва		34.67	ug/L	1-Sep-15	0.066	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Ва		27.78	ug/L	24-Sep-15	0.066	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Be	<	0.108	ug/L	5-Aug-15	0.108	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Be	<	0.108	ug/L	21-Aug-15	0.108	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Be	<	0.108	ug/L	17-Sep-15	0.108	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10		Be	<	0.108	ug/L	1-Sep-15	0.108	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07		Be	<	0.108	ug/L	24-Sep-15	0.108	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55		BOD	<	2	mg/L	22-Jul-15	2		SM 5210
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50		BOD	<	2	mg/L	29-Jul-15	2		SM 5210
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	BOD	<	2	mg/L	5-Aug-15	2		SM 5210
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10		BOD		3.5	mg/L	12-Aug-15	2		SM 5210
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07		BOD	ΑE		mg/L	19-Aug-15	2		SM 5210
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Ca		71280	ug/L	5-Aug-15	33.8	250	EPA-200.8

Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Ca		73500	ug/L	21-Aug-15	33.8	250	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Ca		59060	ug/L	17-Sep-15	33.8	250	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Ca		57240	ug/L	1-Sep-15	33.8	250	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Ca		44730	ug/L	24-Sep-15	33.8	250	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Cd	j	0.08	ug/L	5-Aug-15	0.068	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Cd	j	0.115	ug/L	21-Aug-15	0.068	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Cd	<	0.068	ug/L	17-Sep-15	0.068	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Cd	j	0.109	ug/L	1-Sep-15	0.068	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Cd	j	0.111	ug/L	24-Sep-15	0.068	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Chloride		317.7	mg/L	5-Aug-15	2	10	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Chloride		317.7	mg/L	5-Aug-15	2	10	
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Chloride		340.4	mg/L	5-Aug-15	2	10	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Chloride		192.2	mg/L	26-Aug-15	1	5	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Chloride		129.4	mg/L	2-Sep-15	1	5	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Co	j	0.246	ug/L	5-Aug-15	0.112	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Co	j	0.346	ug/L	21-Aug-15	0.112	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Co	j	0.203	ug/L	17-Sep-15	0.112	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Co	j	0.306	ug/L	1-Sep-15	0.112	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Co	j	0.382	ug/L	24-Sep-15	0.112	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	COD		21.8	mg/L	23-Jul-15	4.9	10	EPA 410.4
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	COD		14.8	mg/L	30-Jul-15	4.9	10	EPA 410.4
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	COD		32.1	mg/L	6-Aug-15	4.9	10	EPA 410.4
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	COD		21.3	mg/L	13-Aug-15	4.9	10	EPA 410.4
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	COD		27.2	mg/L	21-Aug-15	4.9	10	EPA 410.4
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Conduct		1490	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Conduct		1580	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Conduct		1040	uS/cm	9-Sep-15	0.2	0.8	SM 2510B
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Conduct		771	uS/cm	9-Sep-15	0.2	0.8	SM 2510B
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Cr	j	0.941	ug/L	5-Aug-15	0.098	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Cr		1.016	ug/L	21-Aug-15	0.098	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Cr	j	0.883	ug/L	17-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Cr	j	0.6	ug/L	1-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Cr		2.041	ug/L	24-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Cu		3.979	ug/L	5-Aug-15	0.146	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Cu		4.961	ug/L	21-Aug-15	0.146	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Cu		4.502	ug/L	17-Sep-15	0.146	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Cu		4.492	ug/L	1-Sep-15	0.146	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Cu		5.621	ug/L	24-Sep-15	0.146	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	DRPhos		0.011	mg/L	22-Jul-15	0.003		EPA 365.1
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	DRPhos		0.02	mg/L	30-Jul-15	0.003		EPA 365.1
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	DRPhos		0.041	mg/L	6-Aug-15	0.003		EPA 365.1
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10		DRPhos		0.038	mg/L	13-Aug-15	0.003		EPA 365.1
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Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	DRPhos	0.034	mg/L	20-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	E. coli	1619	MPN/100 mL	22-Jul-15	1		SM 9223 Colilert
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	E. coli	1318	MPN/100 mL	29-Jul-15	1		SM 9223 Colilert
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	E. coli	1318	MPN/100 mL	29-Jul-15	1		
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	E. coli	1805	MPN/100 mL	5-Aug-15	1		SM 9223 Colilert
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	E. coli	6860	MPN/100 mL	12-Aug-15	1		SM 9223 Colilert
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	E. coli	6860	MPN/100 mL	12-Aug-15	1		
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	E. coli	26258	MPN/100 mL	19-Aug-15	1		SM 9223 Colilert
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	E. coli	26258	MPN/100 mL	19-Aug-15	1		
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Fe	379.5	ug/L	5-Aug-15	1	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Fe	474.9	ug/L	21-Aug-15	1	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Fe	304.2	ug/L	17-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Fe	409.7	ug/L	1-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Fe	619.7	ug/L	24-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Field Cond	1390	umhos/cm				SM 2510A
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Field Cond	1390	umhos/cm				SM 2510B
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Field Cond	1486	umhos/cm				SM 2510A
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Field Cond	1486	umhos/cm				SM 2510B
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Field Cond	1544	umhos/cm				SM 2510A
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Field Cond	1544	umhos/cm				SM 2510B
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Field Cond	1582	umhos/cm				SM 2510A
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Field Cond	1582	umhos/cm				SM 2510B
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Field Cond	1109	umhos/cm				SM 2510A
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Field Cond	1109	umhos/cm				SM 2510B
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Field Cond	1195	umhos/cm				SM 2510A
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Field Cond	1195	umhos/cm				SM 2510B
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10		Field Cond	1036	umhos/cm				SM 2510A
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10		Field Cond	1036	umhos/cm				SM 2510B
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Field Cond	959.6	umhos/cm				SM 2510A
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10		Field Cond	959.6	umhos/cm				SM 2510B
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07		Field Cond	715	umhos/cm				SM 2510A
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Field Cond	715	umhos/cm				SM 2510B
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Field Cond	753	umhos/cm				SM 2510A
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Field Cond	753	umhos/cm				SM 2510B
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Field DO	8.28	mg/L				SM 4500-0 G
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Field DO	8.28	mg/L				
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55		Field DO	94.4	%				SM 4500-0 G
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55		Field DO	94.4	%				
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50		Field DO	107.6	%				SM 4500-0 G
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Field DO	107.6	%				
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Field DO	9.06	mg/L				SM 4500-0 G
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50		Field DO	9.06	mg/L				
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Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Field DO		7.39	%				SM 4500-0 G	
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Field DO		7.39	%					
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Field DO		7.39	mg/L				SM 4500-0 G	
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Field DO		7.39	mg/L					
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Field DO		8.32	mg/L				SM 4500-0 G	
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Field DO		8.32	mg/L					
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Field DO		93.9	%				SM 4500-0 G	
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Field DO		93.9	%					
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Field DO		115	%				SM 4500-0 G	
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Field DO		115	%					
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Field DO		9.81	mg/L				SM 4500-0 G	
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Field DO		9.81	mg/L					
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Field Temp		21.6	C				EPA 170.1	
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Field Temp		23.8	С				EPA 170.1	
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Field Temp		21.2	С				EPA 170.1	
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Field Temp		21.2	С				EPA 170.1	
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Field Temp		22.4	С				EPA 170.1	
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Hg	<	0.006	ug/L	28-Jul-15	0.006	0.05	EPA 245.1	
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Hg	j	0.009	ug/L	4-Aug-15	0.006	0.05	EPA 245.1	
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Hg	<	0.006	ug/L	7-Aug-15	0.006	0.05	EPA 245.1	
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Hg	<	0.006	ug/L	20-Aug-15	0.006	0.05	EPA 245.1	
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Hg	<	0.006	ug/L	20-Aug-15	0.006	0.05	EPA 245.1	
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	K		6280	ug/L	5-Aug-15	7.4	250	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	K		6791	ug/L	21-Aug-15	7.4	250	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	K		5426	ug/L	17-Sep-15	7.4	250	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	K		4764	ug/L	1-Sep-15	7.4	250	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	K		3974	ug/L	24-Sep-15	7.4	250	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Mg		19070	ug/L	5-Aug-15	4.2	250	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Mg		19590	ug/L	21-Aug-15	4.2	250	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Mg		14720	ug/L	24-Sep-15	2.1	125	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Mg		14090	ug/L	1-Sep-15	4.2	250	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Mg		9821	ug/L	24-Sep-15	4.2	250	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Mn		39.46	ug/L	5-Aug-15	0.114	2	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Mn		61.9	ug/L	21-Aug-15	0.114	2	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Mn		44.92	ug/L	17-Sep-15	0.114	2	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Mn		34.92	ug/L	1-Sep-15	0.114	2	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Mn		36.83	ug/L	24-Sep-15	0.114	2	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Мо		8.651	ug/L	5-Aug-15	0.034	1	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Mo		9.923	ug/L	21-Aug-15	0.034	1	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Mo		10.44	ug/L	17-Sep-15	0.034	1	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10		Мо		7.452	ug/L	1-Sep-15	0.034	1	EPA-200.8	
Big Creek	River Mile 0.15 (EM1)			Мо		7.205	ug/L	24-Sep-15	0.034	1	EPA-200.8	
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Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Na		202600	ug/L	5-Aug-15	27.8	250	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Na		203600	ug/L	21-Aug-15	27.8	250	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Na		160700	ug/L	17-Sep-15	27.8	250	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Na		120700	ug/L	1-Sep-15	27.8	250	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Na		82490	ug/L	24-Sep-15	27.8	250	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	NH3		0.047	mg/L	29-Jul-15	0.002	0.02	EPA-350.1
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	NH3		0.094	mg/L	4-Aug-15	0.002	0.02	EPA-350.1
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	NH3		0.076	mg/L		0.002	0.02	EPA-350.1
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	NH3		0.068	mg/L		0.002	0.02	EPA-350.1
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Ni	j	3.583	ug/L	5-Aug-15	0.132	4	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Ni		4.501	ug/L	21-Aug-15	0.132	4	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Ni	j	3.39	ug/L	17-Sep-15	0.132	4	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Ni	j	3.771	ug/L	1-Sep-15	0.132	4	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Ni	j	3.549	ug/L	24-Sep-15	0.132	4	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	NO2	j	0.015	mg/L	22-Jul-15	0.001	0.02	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	NO2	j	0.015	mg/L	22-Jul-15	0.001	0.02	SM 4500-NO2-B
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	NO2	j	0.015	mg/L	22-Jul-15	0.001	0.02	
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	NO2	j	0.017	mg/L	29-Jul-15	0.001	0.02	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	NO2	j	0.017	mg/L	29-Jul-15	0.001	0.02	SM 4500-NO2-B
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	NO2		0.022	mg/L	5-Aug-15	0.001	0.02	SM 4500-NO2-B
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	NO2	j	0.018	mg/L	12-Aug-15	0.001	0.02	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	NO2	j	0.018	mg/L	12-Aug-15	0.001	0.02	SM 4500-NO2-B
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	NO2		0.031	mg/L	19-Aug-15	0.001	0.02	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	NO2		0.031	mg/L	19-Aug-15	0.001	0.02	SM 4500-NO2-B
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	NO3		0.116	mg/L	29-Jul-15	0.003	0.02	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	NO3		0.116	mg/L	29-Jul-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	NO3		0.116	mg/L	29-Jul-15	0.003	0.02	
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	NO3		0.144	mg/L	4-Aug-15	0.003	0.02	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	NO3		0.144	mg/L	4-Aug-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	NO3		0.57	mg/L		0.003	0.02	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	NO3		0.57	mg/L		0.003	0.02	EPA 353.2
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	NO3		0.514	mg/L		0.003	0.02	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	NO3		0.514	mg/L		0.003	0.02	EPA 353.2
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	NO3+NO2		0.132	mg/L	29-Jul-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	NO3+NO2		0.16	mg/L	4-Aug-15	0.003	0.02	EPA 353.2
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	NO3+NO2		0.588	mg/L		0.003	0.02	EPA 353.2
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	NO3+NO2		0.544	mg/L		0.003	0.02	EPA 353.2
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Pb	j	0.441	ug/L	5-Aug-15	0.116	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Pb	j	0.693	ug/L	21-Aug-15	0.116	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Pb	j	0.439	ug/L	17-Sep-15	0.116	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Pb		1.095	ug/L	1-Sep-15	0.116	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Pb		1.938	ug/L	24-Sep-15	0.116	1	EPA-200.8

Big Creek	River Mile 0.15 (EM1)			рН		8.08	S.U.				EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	рН		8.08	S.U.				
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	рН		8.05	S.U.				EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	рН		8.05	S.U.				
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	рН		7.85	S.U.				EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	рН		7.85	S.U.				
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	рН		7.92	S.U.				EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	рН		7.92	S.U.				
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	рН		7.73	S.U.				EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	рН		7.73	S.U.				
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Sb	j	0.665	ug/L	5-Aug-15	0.036	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Sb	j	0.433	ug/L	21-Aug-15	0.036	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Sb	j	0.678	ug/L	17-Sep-15	0.036	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Sb	j	0.716	ug/L	1-Sep-15	0.036	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Sb	j	0.685	ug/L	24-Sep-15	0.036	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Se	<	0.76	ug/L	5-Aug-15	0.76	5	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Se	<	0.76	ug/L	21-Aug-15	0.76	5	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Se	<	0.76	ug/L	17-Sep-15	0.76	5	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Se	<	0.76	ug/L	1-Sep-15	0.76	5	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Se	<	0.76	ug/L	24-Sep-15	0.76	5	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Sn	<	0.162	ug/L	5-Aug-15	0.162	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Sn	<	0.162	ug/L	21-Aug-15	0.162	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Sn	j	0.224	ug/L	17-Sep-15	0.162	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Sn	j	0.174	ug/L	1-Sep-15	0.162	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Sn	<	0.162	ug/L	24-Sep-15	0.162	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	SO4		93.11	mg/L	5-Aug-15	0.5	5	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	SO4		93.11	mg/L	5-Aug-15	0.5	5	
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	SO4		95.66	mg/L	5-Aug-15	0.5	5	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	SO4		80.8	mg/L	26-Aug-15	0.5	5	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	SO4		67.12	mg/L	2-Sep-15	0.5	5	EPA 300.0
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Sr		466.852	ug/L	5-Aug-15	0.098	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Sr		511.718	ug/L	21-Aug-15	0.098	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Sr		371.864	ug/L	17-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Sr		338.946	ug/L	1-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Sr		258.431	ug/L	24-Sep-15	0.098	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	TDS		918	mg/L	24-Jul-15	1	5	SM2540C
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	TDS		892	mg/L	31-Jul-15	1	5	SM2540C
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	TDS		722	mg/L	7-Aug-15	1	5	SM2540C
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10		TDS		620	mg/L	14-Aug-15	1	5	SM2540C
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	TDS		422	mg/L	21-Aug-15	1	5	SM2540C
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Ti	j	0.951	ug/L	5-Aug-15	0.142	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Ti	j	1.262	ug/L	21-Aug-15	0.142	2	EPA-200.8
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Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Ti	j	0.712	ug/L	17-Sep-15	0.142	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Ti		2.012	ug/L	1-Sep-15	0.142	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Ti		4.044	ug/L	24-Sep-15	0.142	2	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	TKN		0.637	mg/L	29-Jul-15	0.081	0.5	EPA-351.1
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	TKN		0.598	mg/L	6-Aug-15	0.081	0.5	EPA-351.1
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	TKN		0.628	mg/L	11-Aug-15	0.081	0.5	EPA-351.1
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	TKN		0.729	mg/L	19-Aug-15	0.081	0.5	EPA-351.1
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	TKN		0.809	mg/L	26-Aug-15	0.081	0.5	EPA-351.1
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	TI	j	0.067	ug/L	5-Aug-15	0.014	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	TI	j	0.088	ug/L	21-Aug-15	0.014	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	TI	j	0.016	ug/L	17-Sep-15	0.014	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	TI	j	0.063	ug/L	1-Sep-15	0.014	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	TI	j	0.055	ug/L	24-Sep-15	0.014	1	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	TMET	-	14.4	ug/L	5-Aug-15	10		EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	TMET		17.7	ug/L	21-Aug-15	10		EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	TMET		15.4	ug/L	17-Sep-15	10		EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	TMET		16.4	ug/L	1-Sep-15	10		EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	TMET		23.5	ug/L	24-Sep-15	10		EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Total-P		0.055	mg/L	23-Jul-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Total-P		0.049	mg/L	30-Jul-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Total-P		0.069	mg/L	6-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Total-P		0.068	mg/L	13-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Total-P		0.086	mg/L	20-Aug-15	0.003	0.01	EPA 365.1
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	TS		888	mg/L	23-Jul-15	1	5	SM2540B
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	TS		942	mg/L	29-Jul-15	1	5	SM2540B
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	TS		710	mg/L	11-Aug-15	1	5	SM2540B
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	TS		622	mg/L	13-Aug-15	1	5	SM2540B
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	TS		460	mg/L	20-Aug-15	1	5	SM2540B
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	TSS		4.4	mg/L	23-Jul-15	0.5	1	SM2540D
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	TSS		8.3	mg/L	29-Jul-15	0.5	1	SM2540D
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	TSS		2.5	mg/L	6-Aug-15	0.5	1	SM2540D
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	TSS		4.4	mg/L	13-Aug-15	0.5	1	SM2540D
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	TSS		11.3	mg/L	20-Aug-15	0.5	1	SM2540D
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Turbidity		2.705	NTU				EPA 180.1
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Turbidity		2.09	NTU				EPA 180.1
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Turbidity		2.02	NTU				EPA 180.1
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Turbidity		7.32	NTU				EPA 180.1
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Turbidity		20.4	NTU				EPA 180.1
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	V	<	0.48	ug/L	5-Aug-15	0.48	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	V	<	0.48	ug/L	21-Aug-15	0.48	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	V	<	0.48	ug/L	17-Sep-15	0.48	10	EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	V	j	0.847	ug/L	1-Sep-15	0.48	10	EPA-200.8

River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	V	<	0.48	ug/L	24-Sep-15	0.48	10	EPA-200.8
River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Zn	j	5.891	ug/L	5-Aug-15	0.48	10	EPA-200.8
River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	Zn	j	7.206	ug/L	21-Aug-15	0.48	10	EPA-200.8
River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Zn	j	6.62	ug/L	17-Sep-15	0.48	10	EPA-200.8
River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Zn	j	7.496	ug/L	1-Sep-15	0.48	10	EPA-200.8
River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Zn		12.26	ug/L	24-Sep-15	0.48	10	EPA-200.8
	River Mile 0.15 (EM1) River Mile 0.15 (EM1) River Mile 0.15 (EM1) River Mile 0.15 (EM1)	River Mile 0.15 (EM1) 7/22/2015 8:55 River Mile 0.15 (EM1) 7/29/2015 8:50 River Mile 0.15 (EM1) 8/5/2015 8:50 River Mile 0.15 (EM1) 8/12/2015 11:10	River Mile 0.15 (EM1) 7/22/2015 8:55 R-1507210002 River Mile 0.15 (EM1) 7/29/2015 8:50 R-1507280002 River Mile 0.15 (EM1) 8/5/2015 8:50 R-1508030018 River Mile 0.15 (EM1) 8/12/2015 11:10 R-1508110002	River Mile 0.15 (EM1) 7/22/2015 8:55 R-1507210002 Zn River Mile 0.15 (EM1) 7/29/2015 8:50 R-1507280002 Zn River Mile 0.15 (EM1) 8/5/2015 8:50 R-1508030018 Zn River Mile 0.15 (EM1) 8/12/2015 11:10 R-1508110002 Zn	River Mile 0.15 (EM1) 7/22/2015 8:55 R-1507210002 Zn j River Mile 0.15 (EM1) 7/29/2015 8:50 R-1507280002 Zn j River Mile 0.15 (EM1) 8/5/2015 8:50 R-1508030018 Zn j River Mile 0.15 (EM1) 8/12/2015 11:10 R-1508110002 Zn j	River Mile 0.15 (EM1) 7/22/2015 8:55 R-1507210002 Zn j 5.891 River Mile 0.15 (EM1) 7/29/2015 8:50 R-1507280002 Zn j 7.206 River Mile 0.15 (EM1) 8/5/2015 8:50 R-1508030018 Zn j 6.62 River Mile 0.15 (EM1) 8/12/2015 11:10 R-1508110002 Zn j 7.496	River Mile 0.15 (EM1) 7/22/2015 8:55 R-1507210002 Zn j 5.891 ug/L River Mile 0.15 (EM1) 7/29/2015 8:50 R-1507280002 Zn j 7.206 ug/L River Mile 0.15 (EM1) 8/5/2015 8:50 R-1508030018 Zn j 6.62 ug/L River Mile 0.15 (EM1) 8/12/2015 11:10 R-1508110002 Zn j 7.496 ug/L	River Mile 0.15 (EM1) 7/22/2015 8:55 R-1507210002 Zn j 5.891 ug/L 5-Aug-15 River Mile 0.15 (EM1) 7/29/2015 8:50 R-1507280002 Zn j 7.206 ug/L 21-Aug-15 River Mile 0.15 (EM1) 8/5/2015 8:50 R-1508030018 Zn j 6.62 ug/L 17-Sep-15 River Mile 0.15 (EM1) 8/12/2015 11:10 R-1508110002 Zn j 7.496 ug/L 1-Sep-15	River Mile 0.15 (EM1) 7/22/2015 8:55 R-1507210002 Zn j 5.891 ug/L 5-Aug-15 0.48 River Mile 0.15 (EM1) 7/29/2015 8:50 R-1507280002 Zn j 7.206 ug/L 21-Aug-15 0.48 River Mile 0.15 (EM1) 8/5/2015 8:50 R-1508030018 Zn j 6.62 ug/L 17-Sep-15 0.48 River Mile 0.15 (EM1) 8/12/2015 11:10 R-1508110002 Zn j 7.496 ug/L 1-Sep-15 0.48	River Mile 0.15 (EM1) 7/22/2015 8:55 R-1507210002 Zn j 5.891 ug/L 5-Aug-15 0.48 10 River Mile 0.15 (EM1) 7/29/2015 8:50 R-1507280002 Zn j 7.206 ug/L 21-Aug-15 0.48 10 River Mile 0.15 (EM1) 8/5/2015 8:50 R-1508030018 Zn j 6.62 ug/L 17-Sep-15 0.48 10 River Mile 0.15 (EM1) 8/12/2015 11:10 R-1508110002 Zn j 7.496 ug/L 1-Sep-15 0.48 10

Cuyahoga River			Sample ID	Parameter	Couc	Result	Units	Analysis Date	MDL	FQL	Method
O 1 D:	River Mile 12.10	7/21/2015 11:48	R-1507200011	*CaCO3		179	mg/LCaCO3	5-Aug-15	1		EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	*CaCO3		219	mg/LCaCO3	21-Aug-15	1		EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	*CaCO3		254	mg/LCaCO3	24-Sep-15	1		EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	*CaCO3		183	mg/LCaCO3	1-Sep-15	1		EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	*CaCO3		246	mg/LCaCO3	24-Sep-15	1		EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Ag	j	0.018	ug/L	5-Aug-15	0.018	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Ag	<	0.018	ug/L	21-Aug-15	0.018	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Ag	<	0.018	ug/L	17-Sep-15	0.018	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Ag	j	0.028	ug/L	1-Sep-15	0.018	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Ag	<	0.018	ug/L	24-Sep-15	0.018	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Al		293.6	ug/L	5-Aug-15	1	10	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Al		43.34	ug/L	21-Aug-15	1	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Al		42.85	ug/L	17-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Al		3107	ug/L	1-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Al		305.1	ug/L	24-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Alkalinity		124.7	mg/LCaCO3	23-Jul-15	1.6	10	EPA-310.2
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Alkalinity		133.9	mg/LCaCO3	30-Jul-15	1.6	10	EPA-310.2
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Alkalinity		153.2	mg/LCaCO3	7-Aug-15	1.6	10	EPA-310.2
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Alkalinity		79.8	mg/LCaCO3	14-Aug-15	1.6	10	EPA-310.2
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Alkalinity		142.1	mg/LCaCO3	20-Aug-15	1.6	10	EPA-310.2
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	As		2.319	ug/L	5-Aug-15	0.64	2	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	As	j	1.416	ug/L	21-Aug-15	0.64	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	As	j	1.698	ug/L	17-Sep-15	0.64	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	As		3.729	ug/L	1-Sep-15	0.64	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	As		2.628	ug/L	24-Sep-15	0.64	2	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Ва		43.61	ug/L	5-Aug-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Ва		44.68	ug/L	21-Aug-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Ва		50.04	ug/L	17-Sep-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Ва		58.06	ug/L	1-Sep-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Ва		49.83	ug/L	24-Sep-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Be	<	0.108	ug/L	5-Aug-15	0.108	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Be	<	0.108	ug/L	21-Aug-15	0.108	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Be	<	0.108	ug/L	17-Sep-15	0.108	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Be	j	0.15	ug/L	1-Sep-15	0.108	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Be	<	0.108	ug/L	24-Sep-15	0.108	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	BOD	<	2	mg/L	21-Jul-15	2		SM 5210
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	BOD	<	2	mg/L	28-Jul-15	2		SM 5210
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	BOD		2.1	mg/L	4-Aug-15	2		SM 5210
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	BOD		4.9	mg/L	11-Aug-15	2		SM 5210
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		BOD	<	2	mg/L	18-Aug-15	2		SM 5210
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Ca		52360	ug/L	5-Aug-15	33.8	250	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	•	Ca		65090	ug/L	21-Aug-15	33.8	250	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Ca		73020	ug/L	17-Sep-15	33.8	250	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Ca		51280	ug/L	1-Sep-15	33.8	250	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Ca		72390	ug/L	24-Sep-15	33.8	250	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Cd	<	0.068	ug/L	5-Aug-15	0.068	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Cd	<	0.068	ug/L	21-Aug-15	0.068	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Cd	<	0.068	ug/L	17-Sep-15	0.068	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Cd	j	0.146	ug/L	1-Sep-15	0.068	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Cd	<	0.068	ug/L	24-Sep-15	0.068	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Chloride		103	mg/L	1-Aug-15	1	5	EPA 300.0
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Chloride		139	mg/L	5-Aug-15	1	5	EPA 300.0
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Chloride		166	mg/L	12-Aug-15	1	5	EPA 300.0
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Chloride		166	mg/L	12-Aug-15	1	5	
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Chloride		128.8	mg/L	13-Aug-15	1	5	EPA 300.0
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Chloride		152.5	mg/L	26-Aug-15	1	5	EPA 300.0
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Co	j	0.52	ug/L	5-Aug-15	0.112	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Co	j	0.351	ug/L	21-Aug-15	0.112	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Co	j	0.36	ug/L	17-Sep-15	0.112	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Co		3.329	ug/L	1-Sep-15	0.112	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Co	j	0.657	ug/L	24-Sep-15	0.112	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	COD		21.6	mg/L	22-Jul-15	4.9	10	EPA 410.4
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	COD		21	mg/L	29-Jul-15	4.9	10	EPA 410.4
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	COD		23.4	mg/L	7-Aug-15	4.9	10	EPA 410.4
Cuyahoga River	River Mile 12.10	8/11/2015 10:55		COD		30.2	mg/L	13-Aug-15	4.9	10	EPA 410.4
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		COD		20.2	mg/L	21-Aug-15	4.9	10	EPA 410.4
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Conduct		689	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 12.10	7/28/2015 10:24		Conduct		862	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Conduct		1000	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 12.10	8/11/2015 10:55		Conduct		776	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		Conduct		967	uS/cm	9-Sep-15	0.2	8.0	SM 2510B
Cuyahoga River	River Mile 12.10	7/21/2015 11:48		Cr		1.358	ug/L	5-Aug-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24		Cr	j	0.988	ug/L	21-Aug-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Cr	j	0.765	ug/L	17-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55		Cr		4.927	ug/L	1-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		Cr		1.215	ug/L	24-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48		Cu		3.726	ug/L	5-Aug-15	0.146	2	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24		Cu		3.644	ug/L	21-Aug-15	0.146	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48		Cu		2.844	ug/L	17-Sep-15	0.146	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55		Cu		9.883	ug/L	1-Sep-15	0.146	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		Cu		4.167	ug/L	24-Sep-15	0.146	2	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	к-150/200011	DRPhos		0.032	mg/L	22-Jul-15	0.003	0.01	EPA 365.1

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	•	DRPhos		0.014	mg/L	29-Jul-15	0.003		EPA 365.1
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	DRPhos		0.018	mg/L	5-Aug-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	DRPhos		0.027	mg/L	12-Aug-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	DRPhos		0.146	mg/L	19-Aug-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	E. coli		169	MPN/100 mL	21-Jul-15	1		SM 9223 Colilert
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	E. coli		107	MPN/100 mL	28-Jul-15	1		SM 9223 Colilert
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	E. coli		107	MPN/100 mL	28-Jul-15	1		
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	E. coli		86	MPN/100 mL	4-Aug-15	1		SM 9223 Colilert
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	E. coli		15214	MPN/100 mL	11-Aug-15	1		SM 9223 Colilert
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	E. coli		532	MPN/100 mL	18-Aug-15	1		SM 9223 Colilert
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Fe		1063	ug/L	5-Aug-15	1	10	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Fe		399.6	ug/L	21-Aug-15	1	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Fe		377.5	ug/L	17-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Fe		6361	ug/L	1-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Fe		999.3	ug/L	24-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Field Cond		674	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Field Cond		674	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Field Cond		687	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Field Cond		687	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Field Cond		888.6	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Field Cond		888.6	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Field Cond		898.1	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Field Cond		898.1	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Field Cond		1005	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Field Cond		1005	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Field Cond		974.4	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Field Cond		974.4	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	8/11/2015 10:55		Field Cond		774	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	8/11/2015 10:55		Field Cond		774	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	8/11/2015 10:55		Field Cond		819	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	8/11/2015 10:55		Field Cond		819	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		Field Cond		953	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		Field Cond		953	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		Field Cond		960	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		Field Cond		960	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	7/21/2015 11:48		Field DO		11.65	mg/L				SM 4500-0 G
Cuyahoga River	River Mile 12.10	7/21/2015 11:48		Field DO		11.65	mg/L				
Cuyahoga River	River Mile 12.10	7/21/2015 11:48		Field DO		141.1	%				SM 4500-0 G
Cuyahoga River	River Mile 12.10	7/21/2015 11:48		Field DO		141.1	%				
Cuyahoga River	River Mile 12.10	7/28/2015 10:24		Field DO		8.28	mg/L				SM 4500-0 G
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Field DO		8.28	mg/L				

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Field DO		99.5	%				SM 4500-0 G
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Field DO		99.5	%				
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Field DO		6.95	mg/L				SM 4500-0 G
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Field DO		6.95	mg/L				
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Field DO		81.9	%				SM 4500-0 G
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Field DO		81.9	%				
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Field DO		6.85	mg/L				SM 4500-0 G
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Field DO		6.85	mg/L				
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Field DO		78.4	%				SM 4500-0 G
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Field DO		78.4	%				
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Field DO		7.3	mg/L				SM 4500-0 G
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Field DO		7.3	mg/L				
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Field DO		86.9	%				SM 4500-0 G
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Field DO		86.9	%				
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Field Temp		24.1	С				EPA 170.1
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Field Temp		24.5	С				EPA 170.1
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Field Temp		23.4	С				EPA 170.1
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Field Temp		21.9	С				EPA 170.1
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Field Temp		24.6	С				EPA 170.1
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Hg	<	0.006	ug/L	28-Jul-15	0.006	0.05	EPA 245.1
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Hg	j	0.009	ug/L	4-Aug-15	0.006	0.05	EPA 245.1
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Hg	<	0.006	ug/L	7-Aug-15	0.006	0.05	EPA 245.1
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Hg	<	0.006	ug/L	14-Aug-15	0.006	0.05	EPA 245.1
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Hg	<	0.006	ug/L	20-Aug-15	0.006	0.05	EPA 245.1
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	K		3896	ug/L	5-Aug-15	7.4	250	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	K		5288	ug/L	21-Aug-15	7.4	250	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	K		6408	ug/L	17-Sep-15	7.4	250	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	K		5892	ug/L	1-Sep-15	7.4	250	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	K		5451	ug/L	24-Sep-15	7.4	250	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Mg		11740	ug/L	5-Aug-15	4.2	250	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Mg		13820	ug/L	21-Aug-15	4.2	250	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Mg		17440	ug/L	24-Sep-15	2.1	125	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Mg		13410	ug/L	1-Sep-15	4.2	250	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Mg		15970	ug/L	24-Sep-15	4.2	250	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Mn		91.81	ug/L	5-Aug-15	0.114	2	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Mn		45.93	ug/L	21-Aug-15	0.114	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Mn		59.5	ug/L	17-Sep-15	0.114	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Mn		218.6	ug/L	1-Sep-15	0.114	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Mn		68.51	ug/L	24-Sep-15	0.114	2	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Mo		2.218	ug/L	5-Aug-15	0.034	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Мо		2.945	ug/L	21-Aug-15	0.034	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Mo		3.69	ug/L	17-Sep-15	0.034	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Мо		1.884	ug/L	1-Sep-15	0.034	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Мо		3.777	ug/L	24-Sep-15	0.034	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Na		63760	ug/L	5-Aug-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Na		90540	ug/L	21-Aug-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Na		105900	ug/L	17-Sep-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Na		74600	ug/L	1-Sep-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Na		91270	ug/L	24-Sep-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	NH3		0.021	mg/L	29-Jul-15	0.002	0.02	EPA-350.1
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	NH3	j	0.016	mg/L	4-Aug-15	0.002	0.02	EPA-350.1
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	NH3		0.04	mg/L	12-Aug-15	0.002	0.02	EPA-350.1
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	NH3		0.116	mg/L	12-Aug-15	0.002	0.02	EPA-350.1
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	NH3		0.041	mg/L		0.002	0.02	EPA-350.1
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Ni	j	2.782	ug/L	5-Aug-15	0.132	4	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Ni	j	2.821	ug/L	21-Aug-15	0.132	4	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Ni	j	3.136	ug/L	17-Sep-15	0.132	4	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Ni		9.469	ug/L	1-Sep-15	0.132	4	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Ni	j	3.961	ug/L	24-Sep-15	0.132	4	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	NO2	j	0.011	mg/L	22-Jul-15	0.001	0.02	EPA 300.0
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	NO2	j	0.011	mg/L	22-Jul-15	0.001	0.02	SM 4500-NO2-B
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	NO2		0.031	mg/L	29-Jul-15	0.001	0.02	EPA 300.0
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	NO2		0.031	mg/L	29-Jul-15	0.001	0.02	SM 4500-NO2-B
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	NO2		0.037	mg/L	5-Aug-15	0.001	0.02	EPA 300.0
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	NO2		0.037	mg/L	5-Aug-15	0.001	0.02	SM 4500-NO2-B
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	NO2		0.037	mg/L	5-Aug-15	0.001	0.02	
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	NO2		0.076	mg/L	12-Aug-15	0.001	0.02	EPA 300.0
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	NO2		0.076	mg/L	12-Aug-15	0.001	0.02	SM 4500-NO2-B
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	NO2		0.046	mg/L	19-Aug-15	0.001	0.02	EPA 300.0
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	NO2		0.046	mg/L	19-Aug-15	0.001	0.02	SM 4500-NO2-B
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	NO3		1.462	mg/L	29-Jul-15	0.003	0.02	EPA 300.0
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	NO3		1.462	mg/L	29-Jul-15	0.003	0.02	EPA 353.2
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	NO3		2.47	mg/L	4-Aug-15	0.006	0.04	EPA 300.0
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	NO3		2.47	mg/L	4-Aug-15	0.006	0.04	EPA 353.2
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	NO3		3.158	mg/L	12-Aug-15	0.006	0.04	EPA 300.0
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	NO3		3.158	mg/L	12-Aug-15	0.006	0.04	EPA 353.2
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	NO3		3.158	mg/L	12-Aug-15	0.006	0.04	
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	NO3		1.622	mg/L	12-Aug-15	0.003	0.02	EPA 300.0
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	NO3		1.622	mg/L	12-Aug-15	0.003	0.02	EPA 353.2
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	NO3		4.605	mg/L		0.015	0.1	EPA 300.0
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	NO3		4.605	mg/L		0.015	0.1	EPA 353.2
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	NO3+NO2		1.473	mg/L	29-Jul-15	0.003	0.02	EPA 353.2
Sayanoga mver	141110 12.10	.,21,2013 11.40	130,200011	.10511102		1.775	···δ/ -	25 301 15	0.003	0.02	2171333.2

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	•	NO3+NO2		2.501	mg/L	4-Aug-15	0.006		EPA 353.2
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	NO3+NO2		3.195	mg/L	12-Aug-15	0.006	0.04	EPA 353.2
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	NO3+NO2		1.702	mg/L	12-Aug-15	0.003	0.02	EPA 353.2
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	NO3+NO2		4.651	mg/L		0.015	0.1	EPA 353.2
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Pb		1.414	ug/L	5-Aug-15	0.116	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Pb	j	0.435	ug/L	21-Aug-15	0.116	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Pb	j	0.329	ug/L	17-Sep-15	0.116	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Pb		7.31	ug/L	1-Sep-15	0.116	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Pb		1.492	ug/L	24-Sep-15	0.116	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	рН		8.02	S.U.				EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	рН		8.02	S.U.				
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	рН		8.59	S.U.				EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	рН		8.59	S.U.				
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	рН		8.28	S.U.				EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	рН		8.28	S.U.				
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	рН		7.76	S.U.				EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	рН		7.76	S.U.				
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	рН		7.95	S.U.				EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	рН		7.95	S.U.				
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Sb	j	0.25	ug/L	5-Aug-15	0.036	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Sb	j	0.268	ug/L	21-Aug-15	0.036	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Sb	j	0.217	ug/L	17-Sep-15	0.036	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Sb	j	0.375	ug/L	1-Sep-15	0.036	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Sb	j	0.227	ug/L	24-Sep-15	0.036	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Se	<	0.76	ug/L	5-Aug-15	0.76	5	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Se	<	0.76	ug/L	21-Aug-15	0.76	5	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Se	<	0.76	ug/L	17-Sep-15	0.76	5	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Se	<	0.76	ug/L	1-Sep-15	0.76	5	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Se	<	0.76	ug/L	24-Sep-15	0.76	5	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Sn	j	0.366	ug/L	5-Aug-15	0.162	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Sn	<	0.162	ug/L	21-Aug-15	0.162	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Sn		44.65	ug/L	17-Sep-15	0.162	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Sn	<	0.162	ug/L	1-Sep-15	0.162	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Sn	<	0.162	ug/L	24-Sep-15	0.162	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	SO4		38.97	mg/L	1-Aug-15	0.5	5	EPA 300.0
Cuyahoga River	River Mile 12.10	7/28/2015 10:24		SO4		54.79	mg/L	5-Aug-15	0.5	5	EPA 300.0
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	SO4		64.34	mg/L	12-Aug-15	0.5	5	EPA 300.0
Cuyahoga River	River Mile 12.10		R-1508030016	SO4		64.34	mg/L	12-Aug-15	0.5	5	
Cuyahoga River	River Mile 12.10	8/11/2015 10:55		SO4		62.75	mg/L	13-Aug-15	0.5	5	EPA 300.0
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		SO4		61.71	mg/L	26-Aug-15	0.5	5	EPA 300.0
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Sr		187.919	ug/L	5-Aug-15	0.098	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	•	Sr		238.863	ug/L	21-Aug-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Sr		255.354	ug/L	17-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Sr		241.476	ug/L	1-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Sr		234.322	ug/L	24-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	TDS		410	mg/L	22-Jul-15	1	5	SM2540C
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	TDS		516	mg/L	29-Jul-15	1	5	SM2540C
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	TDS		570	mg/L	5-Aug-15	1	5	SM2540C
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	TDS		456	mg/L	12-Aug-15	1	5	SM2540C
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	TDS		598	mg/L	18-Aug-15	1	5	SM2540C
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Ti		4.952	ug/L	5-Aug-15	0.142	2	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Ti	j	1.065	ug/L	21-Aug-15	0.142	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Ti	j	1.039	ug/L	17-Sep-15	0.142	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Ti		22.01	ug/L	1-Sep-15	0.142	2	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Ti		5.198	ug/L	24-Sep-15	0.142	2	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	TKN		1.006	mg/L	29-Jul-15	0.081	0.5	EPA-351.1
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	TKN		0.892	mg/L	6-Aug-15	0.081	0.5	EPA-351.1
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	TKN		0.933	mg/L	6-Aug-15	0.081	0.5	EPA-351.1
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	TKN		1.516	mg/L	19-Aug-15	0.081	0.5	EPA-351.1
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	TKN		1.068	mg/L	26-Aug-15	0.081	0.5	EPA-351.1
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	TI	j	0.037	ug/L	5-Aug-15	0.014	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	TI	j	0.041	ug/L	21-Aug-15	0.014	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	TI	<	0.014	ug/L	17-Sep-15	0.014	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	TI	j	0.113	ug/L	1-Sep-15	0.014	1	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	TI	j	0.035	ug/L	24-Sep-15	0.014	1	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	TMET		18.3	ug/L	5-Aug-15	10		EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	TMET		14.1	ug/L	21-Aug-15	10		EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	TMET		15	ug/L	17-Sep-15	10		EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	TMET		58.8	ug/L	1-Sep-15	10		EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		TMET		21.4	ug/L	24-Sep-15	10		EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Total-P		0.098	mg/L	23-Jul-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 12.10	7/28/2015 10:24		Total-P		0.057	mg/L	30-Jul-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Total-P		0.066	mg/L	6-Aug-15	0.003		EPA 365.1
Cuyahoga River	River Mile 12.10	8/11/2015 10:55		Total-P		0.232	mg/L	13-Aug-15	0.003		EPA 365.1
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		Total-P		0.223	mg/L	19-Aug-15	0.003		EPA 365.1
Cuyahoga River	River Mile 12.10	7/21/2015 11:48		TS		448	mg/L	22-Jul-15	1	5	SM2540B
Cuyahoga River	River Mile 12.10	7/28/2015 10:24		TS		567	mg/L	28-Jul-15	1	5	SM2540B
Cuyahoga River	River Mile 12.10	8/4/2015 9:48		TS		594	mg/L	5-Aug-15	1	5	SM2540B
Cuyahoga River	River Mile 12.10	8/11/2015 10:55		TS		700	mg/L	12-Aug-15	1	5	SM2540B
Cuyahoga River	River Mile 12.10	8/18/2015 10:05		TS		650	mg/L	18-Aug-15	1	5	SM2540B
Cuyahoga River	River Mile 12.10	7/21/2015 11:48		TSS		30.6	mg/L	22-Jul-15	0.5	1	SM2540D
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	TSS		6.1	mg/L	28-Jul-15	0.5	1	SM2540D

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	TSS		6.7	mg/L	5-Aug-15	0.5	1	SM2540D
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	TSS		191	mg/L	12-Aug-15	0.5	1	SM2540D
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	TSS		36.2	mg/L	18-Aug-15	0.5	1	SM2540D
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Turbidity		16.1	NTU				EPA 180.1
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Turbidity		3.27	NTU				EPA 180.1
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Turbidity		5.1	NTU				EPA 180.1
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Turbidity		96	NTU				EPA 180.1
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Turbidity		19.3	NTU				EPA 180.1
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	V	<	0.48	ug/L	5-Aug-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	V	<	0.48	ug/L	21-Aug-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	V	<	0.48	ug/L	17-Sep-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	V	j	5.393	ug/L	1-Sep-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	V	<	0.48	ug/L	24-Sep-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Zn		10.46	ug/L	5-Aug-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Zn	j	6.675	ug/L	21-Aug-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Zn	j	8.253	ug/L	17-Sep-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Zn		34.49	ug/L	1-Sep-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Zn		12.07	ug/L	24-Sep-15	0.48	10	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	*CaCO3		190	mg/LCaCO3	5-Aug-15	1		EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	*CaCO3		228	mg/LCaCO3	7-Aug-15	1		EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	*CaCO3		239	mg/LCaCO3	24-Sep-15	1		EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	*CaCO3		153	mg/LCaCO3	31-Aug-15	1		EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	*CaCO3		238	mg/LCaCO3	24-Sep-15	1		EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	*CaCO3		239	mg/LCaCO3	24-Sep-15	1		EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Ag	<	0.018	ug/L	5-Aug-15	0.018	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Ag	<	0.018	ug/L	7-Aug-15	0.018	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Ag	<	0.018	ug/L	17-Sep-15	0.018	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Ag	<	0.018	ug/L	31-Aug-15	0.018	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Ag	<	0.018	ug/L	24-Sep-15	0.018	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Ag	<	0.018	ug/L	24-Sep-15	0.018	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Al		349.8	ug/L	5-Aug-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Al		96.42	ug/L	7-Aug-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Al		76.42	ug/L	17-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Al		3197	ug/L	31-Aug-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Al		229.7	ug/L	24-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Al		231	ug/L	24-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Alkalinity		125.7	mg/LCaCO3	22-Jul-15	1.6	10	EPA-310.2
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Alkalinity		131	mg/LCaCO3	30-Jul-15	1.6	10	EPA-310.2
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Alkalinity		139.4	mg/LCaCO3	5-Aug-15	1.6	10	EPA-310.2
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Alkalinity		72.2	mg/LCaCO3	14-Aug-15	1.6	10	EPA-310.2
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Alkalinity		141.5	mg/LCaCO3	19-Aug-15	1.6	10	EPA-310.2
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Alkalinity		139.8	mg/LCaCO3	20-Aug-15	1.6	10	EPA-310.2
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	As		2.436	ug/L	5-Aug-15	0.64	2	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	As	j	1.584	ug/L	7-Aug-15	0.64	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	As	j	1.305	ug/L	17-Sep-15	0.64	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	As		3.835	ug/L	31-Aug-15	0.64	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	As		2.43	ug/L	24-Sep-15	0.64	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	As		2.565	ug/L	24-Sep-15	0.64	2	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Ва		42.13	ug/L	5-Aug-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Ва		41.61	ug/L	7-Aug-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Ва		44.63	ug/L	17-Sep-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Ва		53.28	ug/L	31-Aug-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Ва		46.74	ug/L	24-Sep-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Ва		46.42	ug/L	24-Sep-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Be	<	0.108	ug/L	5-Aug-15	0.108	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Be	<	0.108	ug/L	7-Aug-15	0.108	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Be	<	0.108	ug/L	17-Sep-15	0.108	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Be	j	0.192	ug/L	31-Aug-15	0.108	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Be	<	0.108	ug/L	24-Sep-15	0.108	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Be	<	0.108	ug/L	24-Sep-15	0.108	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Be	<	0.108	ug/L	24-Sep-15	0.108	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	BOD	<	2	mg/L	21-Jul-15	2		SM 5210
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	BOD	<	2	mg/L	28-Jul-15	2		SM 5210
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	BOD		2.4	mg/L	4-Aug-15	2		SM 5210
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	BOD		6	mg/L	11-Aug-15	2		SM 5210
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	BOD		5.5	mg/L	18-Aug-15	2		SM 5210
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	BOD		3.1	mg/L	18-Aug-15	2		SM 5210
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Ca		54610	ug/L	5-Aug-15	33.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Ca		65480	ug/L	7-Aug-15	33.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Ca		70180	ug/L	17-Sep-15	33.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Ca		44160	ug/L	31-Aug-15	33.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Ca		69710	ug/L	24-Sep-15	33.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Ca		70060	ug/L	24-Sep-15	33.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Cd	j	0.081	ug/L	5-Aug-15	0.068	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Cd	j	0.081	ug/L	7-Aug-15	0.068	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Cd	<	0.068	ug/L	17-Sep-15	0.068	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Cd	j	0.213	ug/L	31-Aug-15	0.068	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Cd	j	0.101	ug/L	24-Sep-15	0.068	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Cd	j	0.088	ug/L	24-Sep-15	0.068	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Chloride		115.7	mg/L	1-Aug-15	1	5	EPA 300.0
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		Chloride		156.7	mg/L	5-Aug-15	1	5	EPA 300.0
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Chloride		156.7	mg/L	5-Aug-15	1	5	
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Chloride		164.4	mg/L	6-Aug-15	1	5	EPA 300.0
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Chloride		111.5	mg/L	13-Aug-15	1	5	EPA 300.0
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Chloride		111.5	mg/L	13-Aug-15	1	5	
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Chloride		156.4	mg/L	26-Aug-15	1	5	EPA 300.0
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Chloride		158.7	mg/L	2-Sep-15	1	5	EPA 300.0
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Co	j	0.608	ug/L	5-Aug-15	0.112	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		Co	j	0.457	ug/L	7-Aug-15	0.112	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Co	j	0.471	ug/L	17-Sep-15	0.112	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Со		3.503	ug/L	31-Aug-15	0.112	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Co	J	0.627	ug/L	24-Sep-15	0.112	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Co	J	0.625	ug/L	24-Sep-15	0.112	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	COD		24.3	mg/L	22-Jul-15	4.9	10	EPA 410.4
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		COD		20.7	mg/L	29-Jul-15	4.9	10	EPA 410.4
Cuyahoga River	River Mile 7.00	8/4/2015 11:25		COD		26.2	mg/L	6-Aug-15	4.9	10	EPA 410.4
Cuyahoga River	River Mile 7.00	8/11/2015 9:27		COD		28.6	mg/L	13-Aug-15	4.9	10	EPA 410.4
Cuyahoga River	River Mile 7.00	8/18/2015 9:35		COD		22.4	mg/L	19-Aug-15	4.9	10	EPA 410.4
Cuyahoga River	River Mile 7.00	8/18/2015 9:35		COD		19.9	mg/L	21-Aug-15	4.9	10	EPA 410.4
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Conduct		742	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	K-15U/2/UUU5	Conduct		953	uS/cm	12-Aug-15	0.2	8.0	SM 2510B

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Conduct		1010	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Conduct		693	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Conduct		1000	uS/cm	9-Sep-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Conduct		1000	uS/cm	9-Sep-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Cr		1.456	ug/L	5-Aug-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Cr		1.182	ug/L	7-Aug-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Cr	j	0.819	ug/L	17-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Cr		5.728	ug/L	31-Aug-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Cr		1.465	ug/L	24-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Cr		1.246	ug/L	24-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Cu		5.274	ug/L	5-Aug-15	0.146	2	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Cu		4.423	ug/L	7-Aug-15	0.146	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Cu		3.332	ug/L	17-Sep-15	0.146	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Cu		12.3	ug/L	31-Aug-15	0.146	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Cu		4.441	ug/L	24-Sep-15	0.146	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Cu		4.322	ug/L	24-Sep-15	0.146	2	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	DRPhos		0.035	mg/L	22-Jul-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	DRPhos		0.102	mg/L	29-Jul-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	DRPhos		0.049	mg/L	5-Aug-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	DRPhos		0.085	mg/L	12-Aug-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	DRPhos		0.125	mg/L	19-Aug-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	DRPhos		0.112	mg/L	19-Aug-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	E. coli		160	MPN/100 mL	21-Jul-15	1		SM 9223 Colilert
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		E. coli		321	MPN/100 mL	28-Jul-15	1		SM 9223 Colilert
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	E. coli		321	MPN/100 mL	28-Jul-15	1		
Cuyahoga River	River Mile 7.00		R-1508030011	E. coli		158	MPN/100 mL	4-Aug-15	1		SM 9223 Colilert
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	E. coli		13542	MPN/100 mL	11-Aug-15	1		SM 9223 Colilert
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	E. coli		724	MPN/100 mL	18-Aug-15	1		SM 9223 Colilert
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	E. coli		630	MPN/100 mL	18-Aug-15	1		SM 9223 Colilert
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Fe		1086	ug/L	5-Aug-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		Fe		446.2	ug/L	7-Aug-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Fe		415.3	ug/L	17-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Fe		6956	ug/L	31-Aug-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Fe -		767.3	ug/L	24-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35		Fe		751.8	ug/L	24-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Field Cond		745	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Field Cond		745	umhos/cm				SM 2510B
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Field Cond		753	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Field Cond		753	umhos/cm				SM 2510B
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		Field Cond		941	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	к-1507270005	Field Cond		941	umhos/cm				SM 2510B

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		Field Cond		960	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Field Cond		960	umhos/cm				SM 2510B
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Field Cond		1008	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Field Cond		1008	umhos/cm				SM 2510B
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Field Cond		978.9	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Field Cond		978.9	umhos/cm				SM 2510B
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Field Cond		639	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Field Cond		639	umhos/cm				SM 2510B
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Field Cond		674	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Field Cond		674	umhos/cm				SM 2510B
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Field Cond		971.1	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Field Cond		971.1	umhos/cm				SM 2510B
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Field Cond		979.5	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Field Cond		979.5	umhos/cm				SM 2510B
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Field DO		108.2	%				SM 4500-0 G
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Field DO		108.2	%				
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Field DO		9.14	mg/L				SM 4500-0 G
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Field DO		9.14	mg/L				
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Field DO		112.2	%				SM 4500-0 G
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Field DO		112.2	%				
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Field DO		9.46	mg/L				SM 4500-0 G
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Field DO		9.46	mg/L				
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Field DO		7.32	mg/L				SM 4500-0 G
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Field DO		7.32	mg/L				
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Field DO		86.3	%				SM 4500-0 G
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Field DO		86.3	%				
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Field DO		7.04	mg/L				SM 4500-0 G
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Field DO		7.04	mg/L				
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Field DO		81.1	%				SM 4500-0 G
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Field DO		81.1	%				
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Field DO		7	mg/L				SM 4500-0 G
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Field DO		7	mg/L				
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Field DO		84.3	%				SM 4500-0 G
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Field DO		84.3	%				
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Field Temp		24.4	С				EPA 170.1
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		Field Temp		24	С				EPA 170.1
Cuyahoga River	River Mile 7.00	8/4/2015 11:25		Field Temp		23.5	С				EPA 170.1
Cuyahoga River	River Mile 7.00	8/11/2015 9:27		Field Temp		22.3	С				EPA 170.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Field Temp		24.5	С				EPA 170.1
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Hg	<	0.006	ug/L	28-Jul-15	0.006		EPA 245.1
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Hg	j	0.01	ug/L	4-Aug-15	0.006	0.05	EPA 245.1

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Hg	<	0.006	ug/L	7-Aug-15	0.006	0.05	EPA 245.1
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Hg	<	0.006	ug/L	14-Aug-15	0.006		EPA 245.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Hg	<	0.006	ug/L	20-Aug-15	0.006	0.05	EPA 245.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Hg	<	0.006	ug/L	20-Aug-15	0.006	0.05	EPA 245.1
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	K		4771	ug/L	5-Aug-15	7.4	250	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	K		6696	ug/L	7-Aug-15	7.4	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	K		7405	ug/L	17-Sep-15	7.4	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	K		5199	ug/L	31-Aug-15	7.4	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	K		6577	ug/L	24-Sep-15	7.4	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	K		6623	ug/L	24-Sep-15	7.4	250	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Mg		13040	ug/L	5-Aug-15	4.2	250	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Mg		15780	ug/L	7-Aug-15	4.2	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Mg		15400	ug/L	24-Sep-15	2.1	125	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Mg		10430	ug/L	31-Aug-15	4.2	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Mg		15440	ug/L	24-Sep-15	4.2	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Mg		15660	ug/L	24-Sep-15	4.2	250	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Mn		84.58	ug/L	5-Aug-15	0.114	2	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Mn		44.96	ug/L	7-Aug-15	0.114	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Mn		69.8	ug/L	17-Sep-15	0.114	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Mn		242.4	ug/L	31-Aug-15	0.114	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Mn		63.1	ug/L	24-Sep-15	0.114	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Mn		61.52	ug/L	24-Sep-15	0.114	2	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Мо		2.884	ug/L	5-Aug-15	0.034	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		Mo		4.095	ug/L	7-Aug-15	0.034	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Mo		4.695	ug/L	17-Sep-15	0.034	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Мо		1.974	ug/L	31-Aug-15	0.034	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Мо		4.37	ug/L	24-Sep-15	0.034	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Mo		4.43	ug/L	24-Sep-15	0.034	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Na		75010	ug/L	5-Aug-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		Na		98350	ug/L	7-Aug-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Na		108200	ug/L	17-Sep-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Na		60960	ug/L	31-Aug-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Na Na		94080	ug/L	24-Sep-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Na		94340	ug/L	24-Sep-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		NH3		0.048	mg/L	29-Jul-15	0.002		EPA-350.1
Cuyahoga River	River Mile 7.00	7/28/2015 10:22 8/4/2015 11:25		NH3		0.072 0.052	mg/L	4-Aug-15	0.002		EPA-350.1
Cuyahoga River	River Mile 7.00			NH3			mg/L	12-Aug-15	0.002		EPA-350.1
Cuyahoga River	River Mile 7.00 River Mile 7.00	8/11/2015 9:27 8/18/2015 9:35		NH3 NH3		0.11 0.068	mg/L	12-Aug-15	0.002 0.002		EPA-350.1 EPA-350.1
Cuyahoga River Cuyahoga River	River Mile 7.00	8/18/2015 9:35		NH3		0.053	mg/L mg/L	19-Aug-15	0.002		EPA-350.1
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Ni		4.072	ug/L	5-Aug-15	0.002		EPA-330.1
Cuyanoga Mvei	Mivel Wille 7.00	7,21,2013 8.44	N-130/200000	IVI		4.072	ug/ L	2-Aug-13	0.132	4	LFA-200.6

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Ni		4.347	ug/L	7-Aug-15	0.132	4	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Ni		4.874	ug/L	17-Sep-15	0.132	4	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Ni		11.48	ug/L	31-Aug-15	0.132	4	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Ni		4.239	ug/L	24-Sep-15	0.132	4	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Ni		4.207	ug/L	24-Sep-15	0.132	4	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	NO2		0.02	mg/L	22-Jul-15	0.001	0.02	EPA 300.0
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	NO2		0.02	mg/L	22-Jul-15	0.001	0.02	SM 4500-NO2-B
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	NO2		0.048	mg/L	29-Jul-15	0.001	0.02	EPA 300.0
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	NO2		0.048	mg/L	29-Jul-15	0.001	0.02	SM 4500-NO2-B
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	NO2		0.048	mg/L	29-Jul-15	0.001	0.02	
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	NO2		0.037	mg/L	5-Aug-15	0.001	0.02	EPA 300.0
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	NO2		0.037	mg/L	5-Aug-15	0.001	0.02	SM 4500-NO2-B
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	NO2		0.09	mg/L	12-Aug-15	0.001	0.02	EPA 300.0
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	NO2		0.09	mg/L	12-Aug-15	0.001	0.02	SM 4500-NO2-B
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	NO2		0.09	mg/L	12-Aug-15	0.001	0.02	
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	NO2		0.035	mg/L	19-Aug-15	0.001	0.02	EPA 300.0
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	NO2		0.035	mg/L	19-Aug-15	0.001	0.02	SM 4500-NO2-B
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	NO2		0.037	mg/L	19-Aug-15	0.001	0.02	EPA 300.0
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	NO2		0.037	mg/L	19-Aug-15	0.001	0.02	SM 4500-NO2-B
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	NO3		2.547	mg/L	29-Jul-15	0.006	0.04	EPA 300.0
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	NO3		2.547	mg/L	29-Jul-15	0.006	0.04	EPA 353.2
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	NO3		4.37	mg/L	4-Aug-15	0.015	0.1	EPA 300.0
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	NO3		4.37	mg/L	4-Aug-15	0.015	0.1	EPA 353.2
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	NO3		4.37	mg/L	4-Aug-15	0.015	0.1	
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	NO3		5.453	mg/L	12-Aug-15	0.015	0.1	EPA 300.0
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	NO3		5.453	mg/L	12-Aug-15	0.015	0.1	EPA 353.2
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	NO3		2.754	mg/L	12-Aug-15	0.006	0.04	EPA 300.0
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	NO3		2.754	mg/L	12-Aug-15	0.006	0.04	EPA 353.2
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	NO3		2.754	mg/L	12-Aug-15	0.006	0.04	
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	NO3		5.167	mg/L	19-Aug-15	0.015	0.1	EPA 300.0
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	NO3		5.167	mg/L	19-Aug-15	0.015	0.1	EPA 353.2
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	NO3		5.17	mg/L		0.015	0.1	EPA 300.0
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	NO3		5.17	mg/L		0.015	0.1	EPA 353.2
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	NO3+NO2		2.566	mg/L	29-Jul-15	0.006		EPA 353.2
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		NO3+NO2		4.418	mg/L	4-Aug-15	0.015		EPA 353.2
Cuyahoga River	River Mile 7.00	8/4/2015 11:25		NO3+NO2		5.494	mg/L	12-Aug-15	0.015	0.1	EPA 353.2
Cuyahoga River	River Mile 7.00	8/11/2015 9:27		NO3+NO2		2.844	mg/L	12-Aug-15	0.006		EPA 353.2
Cuyahoga River	River Mile 7.00	8/18/2015 9:35		NO3+NO2		5.202	mg/L	19-Aug-15	0.015	0.1	EPA 353.2
Cuyahoga River	River Mile 7.00	8/18/2015 9:35		NO3+NO2		5.207	mg/L		0.015	0.1	EPA 353.2
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Pb		2.22	ug/L	5-Aug-15	0.116	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Pb	j	0.801	ug/L	7-Aug-15	0.116	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Pb	j	0.653	ug/L	17-Sep-15	0.116	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Pb	-	9.551	ug/L	31-Aug-15	0.116	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Pb		2.016	ug/L	24-Sep-15	0.116	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Pb		1.44	ug/L	24-Sep-15	0.116	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	рН		7.84	S.U.				EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	рН		7.84	S.U.				
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	pН		7.96	S.U.				EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	pН		7.96	S.U.				
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	рН		7.88	S.U.				EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	рН		7.88	S.U.				
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	рН		7.63	S.U.				EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	рН		7.63	S.U.				
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	рН		7.82	S.U.				EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	рН		7.82	S.U.				
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Sb	j	0.415	ug/L	5-Aug-15	0.036	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Sb	j	0.35	ug/L	7-Aug-15	0.036	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Sb	j	0.369	ug/L	17-Sep-15	0.036	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Sb	j	0.374	ug/L	31-Aug-15	0.036	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Sb	j	0.24	ug/L	24-Sep-15	0.036	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Sb	j	0.262	ug/L	24-Sep-15	0.036	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Se	j	0.857	ug/L	5-Aug-15	0.76	5	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Se	<	0.76	ug/L	7-Aug-15	0.76	5	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Se	<	0.76	ug/L	17-Sep-15	0.76	5	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Se	<	0.76	ug/L	31-Aug-15	0.76	5	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Se	<	0.76	ug/L	24-Sep-15	0.76	5	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Se	<	0.76	ug/L	24-Sep-15	0.76	5	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Sn	<	0.162	ug/L	5-Aug-15	0.162	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Sn	<	0.162	ug/L	7-Aug-15	0.162	1	EPA-200.8
Cuyahoga River	River Mile 7.00		R-1508030011	Sn	j	0.205	ug/L	17-Sep-15	0.162	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Sn	<	0.162	ug/L	31-Aug-15	0.162	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Sn	<	0.162	ug/L	24-Sep-15	0.162	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Sn	<	0.162	ug/L	24-Sep-15	0.162	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	SO4		45.24	mg/L	1-Aug-15	0.5	5	EPA 300.0
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		SO4		63.2	mg/L	5-Aug-15	0.5	5	EPA 300.0
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		SO4		63.2	mg/L	5-Aug-15	0.5	5	
Cuyahoga River	River Mile 7.00	8/4/2015 11:25		SO4		67.76	mg/L	6-Aug-15	0.5	5	EPA 300.0
Cuyahoga River	River Mile 7.00	8/11/2015 9:27		SO4		52.04	mg/L	13-Aug-15	0.5	5	EPA 300.0
Cuyahoga River	River Mile 7.00	8/11/2015 9:27		SO4		52.04	mg/L	13-Aug-15	0.5	5	
Cuyahoga River	River Mile 7.00			SO4		66.39	mg/L	26-Aug-15	0.5	5	EPA 300.0
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	SO4		67.77	mg/L	2-Sep-15	0.5	5	EPA 300.0
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Sr		211.738	ug/L	5-Aug-15	0.098	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		Sr		258.603	ug/L	7-Aug-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Sr		265.819	ug/L	17-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Sr		210.885	ug/L	31-Aug-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Sr		253.387	ug/L	24-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Sr		255.133	ug/L	24-Sep-15	0.098	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	TDS		444	mg/L	22-Jul-15	1	5	SM2540C
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	TDS		564	mg/L	29-Jul-15	1	5	SM2540C
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	TDS		566	mg/L	5-Aug-15	1	5	SM2540C
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	TDS		402	mg/L	12-Aug-15	1	5	SM2540C
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	TDS		610	mg/L	18-Aug-15	1	5	SM2540C
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	TDS		592	mg/L	18-Aug-15	1	5	SM2540C
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Ti		5.543	ug/L	5-Aug-15	0.142	2	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Ti		2.133	ug/L	7-Aug-15	0.142	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Ti	j	1.463	ug/L	17-Sep-15	0.142	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Ti		22.66	ug/L	31-Aug-15	0.142	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Ti		4.272	ug/L	24-Sep-15	0.142	2	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Ti		4.333	ug/L	24-Sep-15	0.142	2	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	TKN		0.746	mg/L	29-Jul-15	0.081	0.5	EPA-351.1
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	TKN		0.876	mg/L	6-Aug-15	0.081	0.5	EPA-351.1
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	TKN		0.986	mg/L	6-Aug-15	0.081	0.5	EPA-351.1
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	TKN		1.751	mg/L	19-Aug-15	0.081	0.5	EPA-351.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	TKN		0.956	mg/L	26-Aug-15	0.081	0.5	EPA-351.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	TKN		0.978	mg/L	26-Aug-15	0.081	0.5	EPA-351.1
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	TI	j	0.032	ug/L	5-Aug-15	0.014	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		TI	j	0.081	ug/L	7-Aug-15	0.014	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	TI	<	0.014	ug/L	17-Sep-15	0.014	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	TI	j	0.118	ug/L	31-Aug-15	0.014	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	TI	j	0.03	ug/L	24-Sep-15	0.014	1	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	TI	j	0.03	ug/L	24-Sep-15	0.014	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	TMET		29.5	ug/L	5-Aug-15	10		EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		TMET		19.2	ug/L	7-Aug-15	10		EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	TMET		21.2	ug/L	17-Sep-15	10		EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	TMET		77.6	ug/L	31-Aug-15	10		EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	TMET		25.4	ug/L	24-Sep-15	10		EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35		TMET		23.9	ug/L	24-Sep-15	10	0.01	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44		Total-P		0.113	mg/L	23-Jul-15	0.003		EPA 365.1
Cuyahoga River	River Mile 7.00	7/28/2015 10:22		Total-P		0.161	mg/L	30-Jul-15	0.003		EPA 365.1
Cuyahoga River	River Mile 7.00	8/4/2015 11:25		Total-P		0.116	mg/L	6-Aug-15	0.003		EPA 365.1
Cuyahoga River Cuyahoga River	River Mile 7.00	8/11/2015 9:27		Total-P		0.333	mg/L	12-Aug-15	0.003		EPA 365.1
, •	River Mile 7.00 River Mile 7.00	8/18/2015 9:35 8/18/2015 9:35		Total-P Total-P		0.201 0.194	mg/L	19-Aug-15	0.003		EPA 365.1 EPA 365.1
Cuyahoga River	niver wille 7.00	0/10/2013 9.35	11-13001/0012	TULAI-P		0.194	mg/L	19-Aug-15	0.003	0.01	EFA 303.1

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	TS		492	mg/L	22-Jul-15	1	5	SM2540B
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	TS		623	mg/L	28-Jul-15	1	5	SM2540B
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	TS		610	mg/L	5-Aug-15	1	5	SM2540B
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	TS		694	mg/L	12-Aug-15	1	5	SM2540B
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	TS		662	mg/L	18-Aug-15	1	5	SM2540B
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	TS		652	mg/L	18-Aug-15	1	5	SM2540B
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	TSS		28.4	mg/L	22-Jul-15	0.5	1	SM2540D
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	TSS		6.2	mg/L	28-Jul-15	0.5	1	SM2540D
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	TSS		10.4	mg/L	5-Aug-15	0.5	1	SM2540D
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	TSS		268	mg/L	12-Aug-15	0.5	1	SM2540D
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	TSS		19.4	mg/L	18-Aug-15	0.5	1	SM2540D
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	TSS		18.6	mg/L	18-Aug-15	0.5	1	SM2540D
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Turbidity		19.7	NTU				EPA 180.1
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Turbidity		5.32	NTU				EPA 180.1
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Turbidity		5.12	NTU				EPA 180.1
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Turbidity		244	NTU				EPA 180.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Turbidity		9.47	NTU				EPA 180.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Turbidity		9.64	NTU				EPA 180.1
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	V	<	0.48	ug/L	5-Aug-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	V	<	0.48	ug/L	7-Aug-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	V	<	0.48	ug/L	17-Sep-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	V	j	6.04	ug/L	31-Aug-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	V	<	0.48	ug/L	24-Sep-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	V	<	0.48	ug/L	24-Sep-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Zn		18.69	ug/L	5-Aug-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Zn	j	9.211	ug/L	7-Aug-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Zn		12.23	ug/L	17-Sep-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Zn		48.07	ug/L	31-Aug-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Zn		15.29	ug/L	24-Sep-15	0.48	10	EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	Zn		14.17	ug/L	24-Sep-15	0.48	10	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	*CaCO3		98	mg/LCaCO3	26-Jun-15	1		EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	*CaCO3		78	mg/LCaCO3	30-Jun-15	1		EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	*CaCO3		205	mg/LCaCO3	8-Jul-15	1		EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	*CaCO3		231	mg/LCaCO3	9-Jul-15	1		EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	*CaCO3		174	mg/LCaCO3	24-Jul-15	1		EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Ag	<	0.018	ug/L	26-Jun-15	0.018	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Ag	j	0.043	ug/L	30-Jun-15	0.018	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Ag	<	0.018	ug/L	8-Jul-15	0.018	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Ag	<	0.018	ug/L	9-Jul-15	0.018	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Ag	<	0.018	ug/L	24-Jul-15	0.018	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Al		1148	ug/L	26-Jun-15	1	10	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Al		3538	ug/L	30-Jun-15	1	10	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Al		114.2	ug/L	8-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Al		38.9	ug/L	9-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Al		43.17	ug/L	24-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Alkalinity		79.9	mg/LCaCO3	18-Jun-15	1.6	10	EPA-310.2
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Alkalinity		40.5	mg/LCaCO3	24-Jun-15	1.6	10	EPA-310.2
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Alkalinity		127.7	mg/LCaCO3	1-Jul-15	1.6	10	EPA-310.2
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Alkalinity		124.2	mg/LCaCO3	9-Jul-15	1.6	10	EPA-310.2
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Alkalinity		117	mg/LCaCO3	16-Jul-15	1.6	10	EPA-310.2
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	As		2.475	ug/L	26-Jun-15	0.64	2	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	As		4.548	ug/L	30-Jun-15	0.64	2	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	As	j	1.003	ug/L	8-Jul-15	0.64	2	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	As	j	1.156	ug/L	9-Jul-15	0.64	2	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	As	j	1.186	ug/L	24-Jul-15	0.64	2	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Ва		22.56	ug/L	26-Jun-15	0.066	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Ва		29.36	ug/L	30-Jun-15	0.066	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Ва		29.58	ug/L	8-Jul-15	0.066	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Ва		32.3	ug/L	9-Jul-15	0.066	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Ва		24.38	ug/L	24-Jul-15	0.066	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Be	<	0.108	ug/L	26-Jun-15	0.108	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Be	j	0.207	ug/L	30-Jun-15	0.108	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Be	<	0.108	ug/L	8-Jul-15	0.108	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Be	<	0.108	ug/L	9-Jul-15	0.108	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33		Be	<	0.108	ug/L	24-Jul-15	0.108	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00		BOD		2.8	mg/L	17-Jun-15	2		SM 5210
Euclid Creek	River Mile 1.65	6/23/2015 11:43		BOD		3.9	mg/L	23-Jun-15	2		SM 5210
Euclid Creek	River Mile 1.65	6/30/2015 11:16		BOD	<	2	mg/L	1-Jul-15	2		SM 5210
Euclid Creek	River Mile 1.65	7/7/2015 11:30		BOD	<	2	mg/L	8-Jul-15	2		SM 5210
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	BOD	<	2	mg/L	14-Jul-15	2		SM 5210

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Ca		28820	ug/L	26-Jun-15	33.8	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Ca		21830	ug/L	30-Jun-15	33.8	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Ca		58930	ug/L	8-Jul-15	33.8	250	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Ca		66210	ug/L	9-Jul-15	33.8	250	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Ca		49910	ug/L	24-Jul-15	33.8	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Cd	j	0.118	ug/L	26-Jun-15	0.068	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Cd	j	0.207	ug/L	30-Jun-15	0.068	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Cd	<	0.068	ug/L	8-Jul-15	0.068	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Cd	<	0.068	ug/L	9-Jul-15	0.068	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Cd	<	0.068	ug/L	24-Jul-15	0.068	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Chloride		82.27	mg/L	19-Jun-15	1	5	EPA 300.0
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Chloride		56.33	mg/L	1-Jul-15	1	5	EPA 300.0
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Chloride		177.4	mg/L	2-Jul-15	1	5	EPA 300.0
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Chloride		256.2	mg/L	16-Jul-15	2	10	EPA 300.0
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Chloride		155.7	mg/L	18-Jul-15	1	5	EPA 300.0
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Co		1.473	ug/L	26-Jun-15	0.112	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Co		3.586	ug/L	30-Jun-15	0.112	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Co	j	0.512	ug/L	8-Jul-15	0.112	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Co	j	0.351	ug/L	9-Jul-15	0.112	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Co	j	0.277	ug/L	24-Jul-15	0.112	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00		COD		40.5	mg/L	17-Jun-15	4.9	10	EPA 410.4
Euclid Creek	River Mile 1.65	6/23/2015 11:43		COD		41.3	mg/L	26-Jun-15	4.9	10	EPA 410.4
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	COD		21.6	mg/L	2-Jul-15	4.9	10	EPA 410.4
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	COD		14.8	mg/L	9-Jul-15	4.9	10	EPA 410.4
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	COD		15.6	mg/L	20-Jul-15	4.9	10	EPA 410.4
Euclid Creek	River Mile 1.65	6/16/2015 12:00		Conduct	HT	528	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Euclid Creek	River Mile 1.65	6/23/2015 11:43		Conduct	HT	377	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Euclid Creek	River Mile 1.65	6/30/2015 11:16		Conduct		994	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Conduct		1250	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Conduct		882	uS/cm	21-Jul-15	0.2	8.0	SM 2510B
Euclid Creek	River Mile 1.65	6/16/2015 12:00		Cr		3.03	ug/L	26-Jun-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43		Cr		5.912	ug/L	30-Jun-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16		Cr		1.086	ug/L	8-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30		Cr	j	0.682	ug/L	9-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33		Cr	j	0.849	ug/L	24-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00		Cu		8.662	ug/L	26-Jun-15	0.146	2	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43		Cu		10.44	ug/L	30-Jun-15	0.146	2	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16		Cu		4.178	ug/L	8-Jul-15	0.146	2	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Cu		3.13	ug/L	9-Jul-15	0.146	2	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Cu		3.801	ug/L	24-Jul-15	0.146	2	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 1.65	6/16/2015 12:00	•	DRPhos		0.043	mg/L	17-Jun-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 1.65	6/23/2015 11:43		DRPhos		0.034	mg/L	24-Jun-15	0.003		EPA 365.1
Euclid Creek	River Mile 1.65	6/30/2015 11:16		DRPhos		0.028	mg/L	30-Jun-15	0.003		EPA 365.1
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	DRPhos		0.012	mg/L	8-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	DRPhos		0.022	mg/L	15-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	E. coli		7174	MPN/100 mL	16-Jun-15	1		SM 9223 Colilert
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	E. coli		22800	MPN/100 mL	23-Jun-15	1		SM 9223 Colilert
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	E. coli		577	MPN/100 mL	30-Jun-15	1		SM 9223 Colilert
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	E. coli		683	MPN/100 mL	7-Jul-15	1		SM 9223 Colilert
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	E. coli		565	MPN/100 mL	14-Jul-15	1		SM 9223 Colilert
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Fe		2290	ug/L	26-Jun-15	1	10	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Fe		7186	ug/L	30-Jun-15	1	10	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Fe		373.2	ug/L	8-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Fe		210.6	ug/L	9-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Fe		209.4	ug/L	24-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Field Cond		483.9	umhos/cm				SM 2510A
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Field Cond		483.9	umhos/cm				SM 2510B
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Field Cond		521.2	umhos/cm				SM 2510A
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Field Cond		521.2	umhos/cm				SM 2510B
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Field Cond		343	umhos/cm				SM 2510A
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Field Cond		343	umhos/cm				SM 2510B
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Field Cond		370.9	umhos/cm				SM 2510A
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Field Cond		370.9	umhos/cm				SM 2510B
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Field Cond		837.3	umhos/cm				SM 2510A
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Field Cond		837.3	umhos/cm				SM 2510B
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Field Cond		963.6	umhos/cm				SM 2510A
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Field Cond		963.6	umhos/cm				SM 2510B
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Field Cond		1159	umhos/cm				SM 2510A
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Field Cond		1159	umhos/cm				SM 2510B
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Field Cond		1225	umhos/cm				SM 2510A
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Field Cond		1225	umhos/cm				SM 2510B
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Field Cond		806	umhos/cm				SM 2510A
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Field Cond		806	umhos/cm				SM 2510B
Euclid Creek	River Mile 1.65	7/14/2015 9:33		Field Cond		881	umhos/cm				SM 2510A
Euclid Creek	River Mile 1.65	7/14/2015 9:33		Field Cond		881	umhos/cm				SM 2510B
Euclid Creek	River Mile 1.65	6/16/2015 12:00		Field DO		8.52	mg/L				SM 4500-0 G
Euclid Creek	River Mile 1.65	6/16/2015 12:00		Field DO		8.52	mg/L				
Euclid Creek	River Mile 1.65	6/16/2015 12:00		Field DO		96.1	%				SM 4500-0 G
Euclid Creek	River Mile 1.65	6/16/2015 12:00		Field DO		96.1	%				
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Field DO		8.46	mg/L				SM 4500-0 G

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Field DO		8.46	mg/L				
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Field DO		95.1	%				SM 4500-0 G
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Field DO		95.1	%				
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Field DO		8.68	mg/L				SM 4500-0 G
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Field DO		8.68	mg/L				
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Field DO		92.2	%				SM 4500-0 G
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Field DO		92.2	%				
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Field DO		10.38	mg/L				SM 4500-0 G
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Field DO		10.38	mg/L				
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Field DO		119.5	%				SM 4500-0 G
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Field DO		119.5	%				
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Field DO		8.8	mg/L				SM 4500-0 G
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Field DO		8.8	mg/L				
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Field DO		99.3	%				SM 4500-0 G
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Field DO		99.3	%				
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Field Temp		21.2	С				EPA 170.1
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Field Temp		21.1	С				EPA 170.1
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Field Temp		18.1	С				EPA 170.1
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Field Temp		22.2	С				EPA 170.1
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Field Temp		20.6	С				EPA 170.1
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Hg	j	0.016	ug/L	23-Jun-15	0.006	0.05	EPA 245.1
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Hg	<	0.006	ug/L	30-Jun-15	0.006	0.05	EPA 245.1
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Hg	<	0.006	ug/L	8-Jul-15	0.006	0.05	EPA 245.1
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Hg	<	0.006	ug/L	16-Jul-15	0.006	0.05	EPA 245.1
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Hg	<	0.006	ug/L	16-Jul-15	0.006	0.05	EPA 245.1
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	K		3406	ug/L	26-Jun-15	7.4	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	K		3674	ug/L	30-Jun-15	7.4	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	K		4320	ug/L	8-Jul-15	7.4	250	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	K		4518	ug/L	9-Jul-15	7.4	500	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	K		3791	ug/L	24-Jul-15	7.4	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Mg		6460	ug/L	26-Jun-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43		Mg		5608	ug/L	30-Jun-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16		Mg		14060	ug/L	8-Jul-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Mg		15970	ug/L	9-Jul-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33		Mg		11910	ug/L	24-Jul-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00		Mn		60.74	ug/L	26-Jun-15	0.114	2	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43		Mn		151.8	ug/L	30-Jun-15	0.114	2	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16		Mn		24.99	ug/L	8-Jul-15	0.114	2	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30		Mn		18.39	ug/L	9-Jul-15	0.114	2	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Mn		11.07	ug/L	24-Jul-15	0.114	2	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Мо		2.333	ug/L	26-Jun-15	0.034	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Мо		1.963	ug/L	30-Jun-15	0.034	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Мо		3.7	ug/L	8-Jul-15	0.034	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Мо		3.746	ug/L	9-Jul-15	0.034	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Мо		3.648	ug/L	24-Jul-15	0.034	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Na		57200	ug/L	26-Jun-15	27.8	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Na		39050	ug/L	30-Jun-15	27.8	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Na		121200	ug/L	8-Jul-15	27.8	250	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Na		155800	ug/L	9-Jul-15	27.8	250	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Na		105800	ug/L	24-Jul-15	27.8	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	NH3		0.056	mg/L	17-Jun-15	0.002	0.02	EPA-350.1
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	NH3		0.084	mg/L	26-Jun-15	0.002	0.02	EPA-350.1
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	NH3	j	0.018	mg/L	1-Jul-15	0.002	0.02	EPA-350.1
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	NH3		0.173	mg/L	9-Jul-15	0.002	0.02	EPA-350.1
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	NH3	j	0.006	mg/L	16-Jul-15	0.002	0.02	EPA-350.1
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Ni		5.715	ug/L	26-Jun-15	0.132	4	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Ni		10.54	ug/L	30-Jun-15	0.132	4	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Ni	j	3.983	ug/L	8-Jul-15	0.132	4	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Ni	j	2.744	ug/L	9-Jul-15	0.132	4	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Ni	j	2.902	ug/L	24-Jul-15	0.132	4	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	NO2		0.03	mg/L	17-Jun-15	0.001	0.02	EPA 300.0
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	NO2		0.03	mg/L	17-Jun-15	0.001	0.02	SM 4500-NO2-B
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	NO2		0.057	mg/L	24-Jun-15	0.001	0.02	EPA 300.0
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	NO2		0.057	mg/L	24-Jun-15	0.001		SM 4500-NO2-B
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	NO2	<	0.001	mg/L	1-Jul-15	0.001	0.02	EPA 300.0
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	NO2	<	0.001	mg/L	1-Jul-15	0.001	0.02	SM 4500-NO2-B
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	NO2	<	0.001	mg/L	8-Jul-15	0.001	0.02	EPA 300.0
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	NO2	<	0.001	mg/L	8-Jul-15	0.001		SM 4500-NO2-B
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	NO2	<	0.001	mg/L	15-Jul-15	0.001		EPA 300.0
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	NO2	<	0.001	mg/L	15-Jul-15	0.001	0.02	SM 4500-NO2-B
Euclid Creek	River Mile 1.65	6/16/2015 12:00		NO3		0.334	mg/L	17-Jun-15	0.003		EPA 300.0
Euclid Creek	River Mile 1.65	6/16/2015 12:00		NO3		0.334	mg/L	17-Jun-15	0.003		EPA 353.2
Euclid Creek	River Mile 1.65	6/23/2015 11:43		NO3		0.294	mg/L	26-Jun-15	0.003		EPA 300.0
Euclid Creek	River Mile 1.65	6/23/2015 11:43		NO3		0.294	mg/L	26-Jun-15	0.003		EPA 353.2
Euclid Creek	River Mile 1.65	6/30/2015 11:16		NO3		0.631	mg/L	1-Jul-15	0.003		EPA 300.0
Euclid Creek	River Mile 1.65	6/30/2015 11:16		NO3		0.631	mg/L	1-Jul-15	0.003		EPA 353.2
Euclid Creek	River Mile 1.65	7/7/2015 11:30		NO3		0.16	mg/L	9-Jul-15	0.003		EPA 300.0
Euclid Creek	River Mile 1.65			NO3		0.16	mg/L	9-Jul-15	0.003		EPA 353.2
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	NO3		0.269	mg/L	16-Jul-15	0.003		EPA 300.0
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	NO3		0.269	mg/L	16-Jul-15	0.003	0.02	EPA 353.2

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 1.65	6/16/2015 12:00	•	NO3+NO2		0.362	mg/L	17-Jun-15	0.003		EPA 353.2
Euclid Creek	River Mile 1.65	6/23/2015 11:43		NO3+NO2		0.354	mg/L	26-Jun-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 1.65	6/30/2015 11:16		NO3+NO2		0.631	mg/L	1-Jul-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	NO3+NO2		0.154	mg/L	9-Jul-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	NO3+NO2		0.266	mg/L	16-Jul-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Pb		3.466	ug/L	26-Jun-15	0.116	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Pb		8.151	ug/L	30-Jun-15	0.116	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Pb	j	0.423	ug/L	8-Jul-15	0.116	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Pb	j	0.184	ug/L	9-Jul-15	0.116	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Pb	j	0.171	ug/L	24-Jul-15	0.116	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	рН		8	S.U.				EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	рН		8	S.U.				
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	рН		7.82	S.U.				EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	рН		7.82	S.U.				
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	рН		7.9	S.U.				EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	рН		7.9	S.U.				
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	рН		8.28	S.U.				EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	рН		8.28	S.U.				
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	рН		8	S.U.				EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	рН		8	S.U.				
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Sb	j	0.449	ug/L	26-Jun-15	0.036	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Sb	j	0.37	ug/L	30-Jun-15	0.036	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Sb	j	0.534	ug/L	8-Jul-15	0.036	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Sb	j	0.468	ug/L	9-Jul-15	0.036	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Sb	j	0.525	ug/L	24-Jul-15	0.036	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00		Se	<	0.76	ug/L	26-Jun-15	0.76	5	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Se	<	0.76	ug/L	30-Jun-15	0.76	5	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Se	<	0.76	ug/L	8-Jul-15	0.76	5	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Se	<	0.76	ug/L	9-Jul-15	0.76	5	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Se	<	0.76	ug/L	24-Jul-15	0.76	5	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00		Sn	<	0.162	ug/L	26-Jun-15	0.162	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43		Sn	j	0.193	ug/L	30-Jun-15	0.162	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16		Sn	<	0.162	ug/L	8-Jul-15	0.162	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30		Sn	<	0.162	ug/L	9-Jul-15	0.162	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33		Sn	<	0.162	ug/L	24-Jul-15	0.162	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00		SO4		25.23	mg/L	19-Jun-15	0.5	5	EPA 300.0
Euclid Creek	River Mile 1.65	6/23/2015 11:43		SO4		19.77	mg/L	1-Jul-15	0.5	5	EPA 300.0
Euclid Creek	River Mile 1.65	6/30/2015 11:16		SO4		61.17	mg/L	2-Jul-15	0.5	5	EPA 300.0
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	SO4		74.41	mg/L	16-Jul-15	0.5	5	EPA 300.0
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	SO4		51.13	mg/L	18-Jul-15	0.5	5	EPA 300.0

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Sr		163.982	ug/L	26-Jun-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Sr		137.108	ug/L	30-Jun-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Sr		301.848	ug/L	8-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Sr		339.616	ug/L	9-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Sr		254.589	ug/L	24-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	TDS		284	mg/L	17-Jun-15	1	5	SM2540C
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	TDS		214	mg/L	25-Jun-15	1	5	SM2540C
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	TDS		604	mg/L	30-Jun-15	1	5	SM2540C
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	TDS		722	mg/L	8-Jul-15	1	5	SM2540C
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	TDS		492	mg/L	16-Jul-15	1	5	SM2540C
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Ti		10.92	ug/L	26-Jun-15	0.142	2	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Ti		22.68	ug/L	30-Jun-15	0.142	2	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Ti	j	1.932	ug/L	8-Jul-15	0.142	2	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Ti	j	1.155	ug/L	9-Jul-15	0.142	2	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Ti	j	1.138	ug/L	24-Jul-15	0.142	2	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	TKN		1.264	mg/L	18-Jun-15	0.081	0.5	EPA-351.1
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	TKN		1.362	mg/L	26-Jun-15	0.081	0.5	EPA-351.1
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	TKN	j	0.484	mg/L	14-Jul-15	0.081	0.5	EPA-351.1
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	TKN	j	0.303	mg/L	15-Jul-15	0.081	0.5	EPA-351.1
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	TKN	j	0.394	mg/L	23-Jul-15	0.081	0.5	EPA-351.1
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	TI	j	0.061	ug/L	26-Jun-15	0.014	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	TI	j	0.118	ug/L	30-Jun-15	0.014	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	TI	j	0.044	ug/L	8-Jul-15	0.014	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	TI	j	0.04	ug/L	9-Jul-15	0.014	1	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	TI	j	0.052	ug/L	24-Jul-15	0.014	1	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00		TMET		37.4	ug/L	26-Jun-15	10		EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	TMET		67.8	ug/L	30-Jun-15	10		EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16		TMET		12.7	ug/L	8-Jul-15	10		EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30		TMET	<	10	ug/L	9-Jul-15	10		EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	TMET		10.9	ug/L	24-Jul-15	10		EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00		Total-P		0.126	mg/L	18-Jun-15		0.01	EPA 365.1
Euclid Creek	River Mile 1.65	6/23/2015 11:43		Total-P		0.226	mg/L	26-Jun-15	0.003		EPA 365.1
Euclid Creek	River Mile 1.65	6/30/2015 11:16		Total-P		0.048	mg/L	1-Jul-15	0.003		EPA 365.1
Euclid Creek	River Mile 1.65	7/7/2015 11:30		Total-P		0.028	mg/L	9-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 1.65	7/14/2015 9:33		Total-P		0.093	mg/L	17-Jul-15	0.003		EPA 365.1
Euclid Creek	River Mile 1.65	6/16/2015 12:00		TS		390	mg/L	18-Jun-15	1	5	SM2540B
Euclid Creek	River Mile 1.65	6/23/2015 11:43		TS		478	mg/L	23-Jun-15	1	5	SM2540B
Euclid Creek	River Mile 1.65	6/30/2015 11:16		TS		610	mg/L	30-Jun-15	1	5	SM2540B
Euclid Creek	River Mile 1.65	7/7/2015 11:30		TS		796	mg/L	8-Jul-15	1	5	SM2540B
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	TS		514	mg/L	16-Jul-15	1	5	SM2540B

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	TSS		63.3	mg/L	17-Jun-15	0.5	1	SM2540D
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	TSS		247.7	mg/L	23-Jun-15	0.5	1	SM2540D
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	TSS		3.9	mg/L	30-Jun-15	0.5	1	SM2540D
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	TSS		1.2	mg/L	8-Jul-15	0.5	1	SM2540D
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	TSS		1.2	mg/L	14-Jul-15	0.5	1	SM2540D
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Turbidity		66.8	NTU				EPA 180.1
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Turbidity		187	NTU				EPA 180.1
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Turbidity		4.74	NTU				EPA 180.1
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Turbidity		0.92	NTU				EPA 180.1
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Turbidity		1.68	NTU				EPA 180.1
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	V	j	1.781	ug/L	26-Jun-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	V	j	6.357	ug/L	30-Jun-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	V	<	0.48	ug/L	8-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	V	<	0.48	ug/L	9-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	V	<	0.48	ug/L	24-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Zn		20.05	ug/L	26-Jun-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Zn		40.89	ug/L	30-Jun-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Zn	j	3.428	ug/L	8-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Zn	j	2.451	ug/L	9-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Zn	j	3.343	ug/L	24-Jul-15	0.48	10	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	•	*CaCO3		105	mg/LCaCO3	26-Jun-15	1	,	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	*CaCO3		76	mg/LCaCO3	30-Jun-15	1		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	*CaCO3		196	mg/LCaCO3	8-Jul-15	1		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	*CaCO3		235	mg/LCaCO3	9-Jul-15	1		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	*CaCO3		229	mg/LCaCO3	9-Jul-15	1		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	*CaCO3		175	mg/LCaCO3	24-Jul-15	1		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Ag	j	0.019	ug/L	26-Jun-15	0.018	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Ag	j	0.053	ug/L	30-Jun-15	0.018	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Ag	<	0.018	ug/L	8-Jul-15	0.018	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Ag	<	0.018	ug/L	9-Jul-15	0.018	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Ag	<	0.018	ug/L	9-Jul-15	0.018	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Ag	<	0.018	ug/L	24-Jul-15	0.018	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Al		1421	ug/L	26-Jun-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Al		3580	ug/L	30-Jun-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Al		182.4	ug/L	8-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Al		39.32	ug/L	9-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Al		34.97	ug/L	9-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Al		84.46	ug/L	24-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Alkalinity		76.7	mg/LCaCO3	18-Jun-15	1.6	10	EPA-310.2
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Alkalinity		41.4	mg/LCaCO3	24-Jun-15	1.6	10	EPA-310.2
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Alkalinity		126.2	mg/LCaCO3	1-Jul-15	1.6	10	EPA-310.2
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Alkalinity		127.4	mg/LCaCO3	9-Jul-15	1.6	10	EPA-310.2
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Alkalinity		130	mg/LCaCO3	9-Jul-15	1.6	10	EPA-310.2
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Alkalinity		121.3	mg/LCaCO3	16-Jul-15	1.6	10	EPA-310.2
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		As		2.763	ug/L	26-Jun-15	0.64	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	As		4.616	ug/L	30-Jun-15	0.64	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	As	j	1.539	ug/L	8-Jul-15	0.64	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	As	j	0.894	ug/L	9-Jul-15	0.64	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	As	j	0.788	ug/L	9-Jul-15	0.64	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53		As	j	1.088	ug/L	24-Jul-15	0.64	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		Ва		23.92	ug/L	26-Jun-15	0.066	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		Ва		29.61	ug/L	30-Jun-15	0.066	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		Ва		28.64	ug/L	8-Jul-15	0.066	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Ва		34.24	ug/L	9-Jul-15	0.066	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Ва		33.2	ug/L	9-Jul-15	0.066	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53		Ва		25.08	ug/L	24-Jul-15	0.066	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		Be	j	0.112	ug/L	26-Jun-15	0.108	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		Be	j	0.21	ug/L	30-Jun-15	0.108	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		Be	<	0.108	ug/L	8-Jul-15	0.108	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Be	<	0.108	ug/L	9-Jul-15	0.108	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Be	<	0.108	ug/L	9-Jul-15	0.108	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Ве	<	0.108	ug/L	24-Jul-15	0.108	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	BOD		2.6	mg/L	17-Jun-15	2		SM 5210
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	BOD		4.1	mg/L	23-Jun-15	2		SM 5210
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	BOD	<	2	mg/L	1-Jul-15	2		SM 5210
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	BOD	<	2	mg/L	8-Jul-15	2		SM 5210
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	BOD	<	2	mg/L	8-Jul-15	2		SM 5210
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	BOD	<	2	mg/L	14-Jul-15	2		SM 5210
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Ca		30640	ug/L	26-Jun-15	33.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Ca		21490	ug/L	30-Jun-15	33.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Ca		56400	ug/L	8-Jul-15	33.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Ca		67200	ug/L	9-Jul-15	33.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Ca		65760	ug/L	9-Jul-15	33.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Ca		50240	ug/L	24-Jul-15	33.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Cd	j	0.122	ug/L	26-Jun-15	0.068	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Cd	j	0.249	ug/L	30-Jun-15	0.068	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Cd	<	0.068	ug/L	8-Jul-15	0.068	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Cd	<	0.068	ug/L	9-Jul-15	0.068	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Cd	<	0.068	ug/L	9-Jul-15	0.068	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Cd	<	0.068	ug/L	24-Jul-15	0.068	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Chloride		89.74	mg/L	19-Jun-15	1	5	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Chloride		57.64	mg/L	1-Jul-15	1	5	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Chloride		179	mg/L	2-Jul-15	1	5	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Chloride		261.7	mg/L	16-Jul-15	2	10	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Chloride		261.7	mg/L	16-Jul-15	2	10	
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Chloride		261.4	mg/L	16-Jul-15	2	10	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Chloride		158.3	mg/L	18-Jul-15	1	5	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Co		1.725	ug/L	26-Jun-15	0.112	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Co		3.697	ug/L	30-Jun-15	0.112	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Co	j	0.546	ug/L	8-Jul-15	0.112	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Co	j	0.27	ug/L	9-Jul-15	0.112	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Co	j	0.265	ug/L	9-Jul-15	0.112	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Co	j	0.294	ug/L	24-Jul-15	0.112	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	COD		42.4	mg/L	17-Jun-15	4.9	10	EPA 410.4
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	COD		39.2	mg/L	26-Jun-15	4.9	10	EPA 410.4
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		COD		21	mg/L	2-Jul-15	4.9	10	EPA 410.4
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		COD		14.8	mg/L	9-Jul-15	4.9	10	EPA 410.4
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		COD		14.2	mg/L	9-Jul-15	4.9	10	EPA 410.4
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53		COD		19.4	mg/L	20-Jul-15	4.9	10	EPA 410.4
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		Conduct	HT	557	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		Conduct		386	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Conduct		995	uS/cm	21-Jul-15	0.2	8.0	SM 2510B

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Conduct		1290	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Conduct		1280	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Conduct		888	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Cr		3.461	ug/L	26-Jun-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Cr		6.113	ug/L	30-Jun-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Cr	j	0.985	ug/L	8-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Cr	j	0.611	ug/L	9-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Cr	j	0.626	ug/L	9-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Cr	j	0.824	ug/L	24-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Cu		9.11	ug/L	26-Jun-15	0.146	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Cu		10.87	ug/L	30-Jun-15	0.146	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Cu		4.038	ug/L	8-Jul-15	0.146	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Cu		3.354	ug/L	9-Jul-15	0.146	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Cu		3.294	ug/L	9-Jul-15	0.146	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Cu		3.806	ug/L	24-Jul-15	0.146	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	DRPhos		0.041	mg/L	17-Jun-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	DRPhos		0.03	mg/L	24-Jun-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	DRPhos		0.031	mg/L	30-Jun-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	DRPhos		0.016	mg/L	8-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	DRPhos		0.015	mg/L	8-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	DRPhos		0.018	mg/L	15-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	E. coli		7116	MPN/100 mL	16-Jun-15	1		SM 9223 Colilert
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	E. coli		31600	MPN/100 mL	23-Jun-15	1		SM 9223 Colilert
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	E. coli		31600	MPN/100 mL	23-Jun-15	1		
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	E. coli		902	MPN/100 mL	30-Jun-15	1		SM 9223 Colilert
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	E. coli		902	MPN/100 mL	30-Jun-15	1		
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	E. coli		492	MPN/100 mL	7-Jul-15	1		SM 9223 Colilert
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	E. coli		576	MPN/100 mL	7-Jul-15	1		SM 9223 Colilert
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	E. coli		811	MPN/100 mL	14-Jul-15	1		SM 9223 Colilert
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	E. coli		811	MPN/100 mL	14-Jul-15	1		
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Fe		2789	ug/L	26-Jun-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Fe		7553	ug/L	30-Jun-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Fe		547.3	ug/L	8-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Fe		223.3	ug/L	9-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Fe		205.6	ug/L	9-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53		Fe		319.4	ug/L	24-Jul-15	1	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		Field Cond		508.9	umhos/cm				SM 2510A
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		Field Cond		508.9	umhos/cm				SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		Field Cond		548	umhos/cm				SM 2510A
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		Field Cond		548	umhos/cm				SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Field Cond		355.4	umhos/cm				SM 2510A

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	•	Field Cond		355.4	umhos/cm				SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Field Cond		382.3	umhos/cm				SM 2510A
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Field Cond		382.3	umhos/cm				SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Field Cond		846.3	umhos/cm				SM 2510A
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Field Cond		846.3	umhos/cm				SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Field Cond		949.6	umhos/cm				SM 2510A
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Field Cond		949.6	umhos/cm				SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Field Cond		1218	umhos/cm				SM 2510A
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Field Cond		1218	umhos/cm				SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Field Cond		1255	umhos/cm				SM 2510A
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Field Cond		1255	umhos/cm				SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Field Cond		827	umhos/cm				SM 2510A
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Field Cond		827	umhos/cm				SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Field Cond		896	umhos/cm				SM 2510A
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Field Cond		896	umhos/cm				SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Field DO		8.64	mg/L				SM 4500-0 G
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Field DO		8.64	mg/L				
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Field DO		97.4	%				SM 4500-0 G
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Field DO		97.4	%				
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Field DO		8.68	mg/L				SM 4500-0 G
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Field DO		8.68	mg/L				
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Field DO		98.1	%				SM 4500-0 G
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Field DO		98.1	%				
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Field DO		8.31	mg/L				SM 4500-0 G
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Field DO		8.31	mg/L				
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Field DO		90.8	%				SM 4500-0 G
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Field DO		90.8	%				
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Field DO		11.05	mg/L				SM 4500-0 G
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Field DO		11.05	mg/L				
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Field DO		130.3	%				SM 4500-0 G
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Field DO		130.3	%				
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Field DO		104.4	%				SM 4500-0 G
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Field DO		104.4	%				
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Field DO		9.29	mg/L				SM 4500-0 G
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Field DO		9.29	mg/L				
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Field Temp		21.1	С				EPA 170.1
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		Field Temp		21.3	С				EPA 170.1
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		Field Temp		19.4	С				EPA 170.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Field Temp		23.4	С				EPA 170.1
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53		Field Temp		21	С				EPA 170.1
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Hg	j	0.014	ug/L	23-Jun-15	0.006	0.05	EPA 245.1

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	•	Hg	<	0.006	ug/L	30-Jun-15	0.006		EPA 245.1
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Hg	<	0.006	ug/L	8-Jul-15	0.006	0.05	EPA 245.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Hg	<	0.006	ug/L	16-Jul-15	0.006	0.05	EPA 245.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Hg	<	0.006	ug/L	16-Jul-15	0.006	0.05	EPA 245.1
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Hg	<	0.006	ug/L	16-Jul-15	0.006	0.05	EPA 245.1
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	K		3606	ug/L	26-Jun-15	7.4	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	K		3618	ug/L	30-Jun-15	7.4	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	K		4260	ug/L	8-Jul-15	7.4	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	K		4619	ug/L	9-Jul-15	7.4	500	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	K		4460	ug/L	9-Jul-15	7.4	500	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	K		3808	ug/L	24-Jul-15	7.4	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Mg		6905	ug/L	26-Jun-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Mg		5544	ug/L	30-Jun-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Mg		13400	ug/L	8-Jul-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Mg		16390	ug/L	9-Jul-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Mg		15820	ug/L	9-Jul-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Mg		12100	ug/L	24-Jul-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Mn		71.25	ug/L	26-Jun-15	0.114	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Mn		161	ug/L	30-Jun-15	0.114	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Mn		20.33	ug/L	8-Jul-15	0.114	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Mn		21.65	ug/L	9-Jul-15	0.114	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Mn		21.01	ug/L	9-Jul-15	0.114	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Mn		21.56	ug/L	24-Jul-15	0.114	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Мо		2.45	ug/L	26-Jun-15	0.034	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Мо		1.943	ug/L	30-Jun-15	0.034	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Мо		3.406	ug/L	8-Jul-15	0.034	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Мо		3.931	ug/L	9-Jul-15	0.034	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Мо		3.781	ug/L	9-Jul-15	0.034	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Мо		3.874	ug/L	24-Jul-15	0.034	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Na		63610	ug/L	26-Jun-15	27.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		Na		38810	ug/L	30-Jun-15	27.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Na		116200	ug/L	8-Jul-15	27.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Na		157200	ug/L	9-Jul-15	27.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Na		155900	ug/L	9-Jul-15	27.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53		Na		109600	ug/L	24-Jul-15	27.8		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		NH3		0.066	mg/L	17-Jun-15	0.002		EPA-350.1
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		NH3		0.09	mg/L	26-Jun-15	0.002		EPA-350.1
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		NH3		0.02	mg/L	1-Jul-15	0.002		EPA-350.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		NH3		0.107	mg/L	9-Jul-15	0.002		EPA-350.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		NH3		0.159	mg/L	9-Jul-15	0.002		EPA-350.1
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	NH3	j	0.014	mg/L	16-Jul-15	0.002	0.02	EPA-350.1

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	•	Ni		6.484	ug/L	26-Jun-15	0.132	4	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		Ni		11.21	ug/L	30-Jun-15	0.132	4	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		Ni		4.072	ug/L	8-Jul-15	0.132	4	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Ni	j	2.788	ug/L	9-Jul-15	0.132	4	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Ni	j	2.671	ug/L	9-Jul-15	0.132	4	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Ni	j	2.962	ug/L	24-Jul-15	0.132	4	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	NO2		0.034	mg/L	17-Jun-15	0.001	0.02	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	NO2		0.034	mg/L	17-Jun-15	0.001	0.02	SM 4500-NO2-B
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	NO2		0.056	mg/L	24-Jun-15	0.001	0.02	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	NO2		0.056	mg/L	24-Jun-15	0.001	0.02	SM 4500-NO2-B
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	NO2	<	0.001	mg/L	1-Jul-15	0.001	0.02	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	NO2	<	0.001	mg/L	1-Jul-15	0.001	0.02	SM 4500-NO2-B
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	NO2	j	0.002	mg/L	8-Jul-15	0.001	0.02	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	NO2	j	0.002	mg/L	8-Jul-15	0.001	0.02	SM 4500-NO2-B
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	NO2	j	0.002	mg/L	8-Jul-15	0.001	0.02	
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	NO2	<	0.001	mg/L	8-Jul-15	0.001	0.02	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	NO2	<	0.001	mg/L	8-Jul-15	0.001	0.02	SM 4500-NO2-B
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	NO2	<	0.001	mg/L	15-Jul-15	0.001	0.02	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	NO2	<	0.001	mg/L	15-Jul-15	0.001	0.02	SM 4500-NO2-B
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	NO3		0.384	mg/L	17-Jun-15	0.003	0.02	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	NO3		0.384	mg/L	17-Jun-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	NO3		0.302	mg/L	26-Jun-15	0.003	0.02	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	NO3		0.302	mg/L	26-Jun-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	NO3		0.606	mg/L	1-Jul-15	0.003	0.02	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		NO3		0.606	mg/L	1-Jul-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	NO3		0.111	mg/L	9-Jul-15	0.003		EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	NO3		0.111	mg/L	9-Jul-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	NO3		0.111	mg/L	9-Jul-15	0.003	0.02	
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	NO3		0.121	mg/L	9-Jul-15	0.003		EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	NO3		0.121	mg/L	9-Jul-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	NO3		0.232	mg/L	16-Jul-15	0.003		EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)		R-1507130006	NO3		0.232	mg/L	16-Jul-15	0.003		EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		NO3+NO2		0.394	mg/L	17-Jun-15	0.003		EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		NO3+NO2		0.357	mg/L	26-Jun-15	0.003		EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		NO3+NO2		0.606	mg/L	1-Jul-15	0.003		EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		NO3+NO2		0.115	mg/L	9-Jul-15	0.003		EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		NO3+NO2		0.115	mg/L	9-Jul-15	0.003		EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53		NO3+NO2		0.228	mg/L	16-Jul-15	0.003		EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		Pb		4.02	ug/L	26-Jun-15	0.116	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		Pb		8.146	ug/L	30-Jun-15	0.116	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Pb	j	0.728	ug/L	8-Jul-15	0.116	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Pb	j	0.131	ug/L	9-Jul-15	0.116	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Pb	<	0.116	ug/L	9-Jul-15	0.116	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53		Pb	i	0.322	ug/L	24-Jul-15	0.116	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		рН	•	8	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		pH		8	S.U.				
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	рH		7.8	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		pH		7.8	S.U.				
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		рH		7.87	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	pН		7.87	S.U.				
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	рН		8.28	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	рН		8.28	S.U.				
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	рН		8.09	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	рН		8.09	S.U.				
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Sb	j	0.52	ug/L	26-Jun-15	0.036	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Sb	j	0.431	ug/L	30-Jun-15	0.036	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Sb	j	0.57	ug/L	8-Jul-15	0.036	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Sb	j	0.568	ug/L	9-Jul-15	0.036	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Sb	j	0.45	ug/L	9-Jul-15	0.036	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Sb	j	0.582	ug/L	24-Jul-15	0.036	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Se	<	0.76	ug/L	26-Jun-15	0.76	5	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Se	<	0.76	ug/L	30-Jun-15	0.76	5	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Se	<	0.76	ug/L	8-Jul-15	0.76	5	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Se	<	0.76	ug/L	9-Jul-15	0.76	5	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Se	<	0.76	ug/L	9-Jul-15	0.76	5	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Se	<	0.76	ug/L	24-Jul-15	0.76	5	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Sn	<	0.162	ug/L	26-Jun-15	0.162	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Sn	j	0.164	ug/L	30-Jun-15	0.162	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Sn	<	0.162	ug/L	8-Jul-15	0.162	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Sn	<	0.162	ug/L	9-Jul-15	0.162	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Sn	<	0.162	ug/L	9-Jul-15	0.162	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Sn	<	0.162	ug/L	24-Jul-15	0.162	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	SO4		25.81	mg/L	19-Jun-15	0.5	5	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		SO4		20.1	mg/L	1-Jul-15	0.5	5	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		SO4		60.78	mg/L	2-Jul-15	0.5	5	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		SO4		76.82	mg/L	16-Jul-15	0.5	5	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	SO4		76.82	mg/L	16-Jul-15	0.5	5	
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	SO4		76.79	mg/L	16-Jul-15	0.5	5	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53		SO4		51.56	mg/L	18-Jul-15	0.5	5	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		Sr		176.222	ug/L	26-Jun-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		Sr		141.871	ug/L	30-Jun-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Sr		284.712	ug/L	8-Jul-15	0.098	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Sr		357.799	ug/L	9-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Sr		342.592	ug/L	9-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53		Sr		262.686	ug/L	24-Jul-15	0.098	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		TDS		310	mg/L	17-Jun-15	1	5	SM2540C
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		TDS		214	mg/L	25-Jun-15	1	5	SM2540C
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		TDS		592	mg/L	30-Jun-15	1	5	SM2540C
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		TDS		712	mg/L	8-Jul-15	1	5	SM2540C
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		TDS		710	mg/L	8-Jul-15	1	5	SM2540C
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	TDS		500	mg/L	16-Jul-15	1	5	SM2540C
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Ti		12.37	ug/L	26-Jun-15	0.142	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Ti		19.24	ug/L	30-Jun-15	0.142	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Ti		2.85	ug/L	8-Jul-15	0.142	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Ti	j	0.738	ug/L	9-Jul-15	0.142	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Ti	j	0.636	ug/L	9-Jul-15	0.142	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Ti	j	1.691	ug/L	24-Jul-15	0.142	2	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	TKN		1.209	mg/L	18-Jun-15	0.081	0.5	EPA-351.1
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	TKN		1.566	mg/L	26-Jun-15	0.081	0.5	EPA-351.1
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	TKN	j	0.472	mg/L	14-Jul-15	0.081	0.5	EPA-351.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	TKN	j	0.39	mg/L	15-Jul-15	0.081	0.5	EPA-351.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	TKN	j	0.364	mg/L	15-Jul-15	0.081	0.5	EPA-351.1
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	TKN	j	0.447	mg/L	23-Jul-15	0.081	0.5	EPA-351.1
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	ΤI	j	0.07	ug/L	26-Jun-15	0.014	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	ΤI	j	0.124	ug/L	30-Jun-15	0.014	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	ΤI	j	0.068	ug/L	8-Jul-15	0.014	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	TI	j	0.042	ug/L	9-Jul-15	0.014	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	TI	j	0.036	ug/L	9-Jul-15	0.014	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	TI	j	0.067	ug/L	24-Jul-15	0.014	1	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	TMET		42.7	ug/L	26-Jun-15	10		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	TMET		84.6	ug/L	30-Jun-15	10		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	TMET		15	ug/L	8-Jul-15	10		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	TMET		20.3	ug/L	9-Jul-15	10		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	TMET	<	10	ug/L	9-Jul-15	10		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	TMET		11.6	ug/L	24-Jul-15	10		EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		Total-P		0.132	mg/L	18-Jun-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13		Total-P		0.23	mg/L	26-Jun-15	0.003		EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32		Total-P		0.053	mg/L	1-Jul-15	0.003		EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Total-P		0.026	mg/L	9-Jul-15	0.003		EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02		Total-P		0.024	mg/L	9-Jul-15	0.003		EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53		Total-P		0.038	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28		TS		430	mg/L	18-Jun-15	1	5	SM2540B
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	TS		524	mg/L	23-Jun-15	1	5	SM2540B

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	TS		618	mg/L	30-Jun-15	1	5	SM2540B
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	TS		830	mg/L	8-Jul-15	1	5	SM2540B
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	TS		826	mg/L	8-Jul-15	1	5	SM2540B
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	TS		514	mg/L	16-Jul-15	1	5	SM2540B
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	TSS		83.3	mg/L	17-Jun-15	0.5	1	SM2540D
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	TSS		269.2	mg/L	23-Jun-15	0.5	1	SM2540D
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	TSS		8.2	mg/L	30-Jun-15	0.5	1	SM2540D
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	TSS		1.4	mg/L	8-Jul-15	0.5	1	SM2540D
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	TSS		1.4	mg/L	8-Jul-15	0.5	1	SM2540D
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	TSS		3.8	mg/L	14-Jul-15	0.5	1	SM2540D
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Turbidity		85	NTU				EPA 180.1
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Turbidity		212	NTU				EPA 180.1
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Turbidity		6.48	NTU				EPA 180.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Turbidity		1.37	NTU				EPA 180.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Turbidity		1.17	NTU				EPA 180.1
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Turbidity		2.87	NTU				EPA 180.1
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	V	j	2.422	ug/L	26-Jun-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	V	j	6.249	ug/L	30-Jun-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	V	<	0.48	ug/L	8-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	V	<	0.48	ug/L	9-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	V	<	0.48	ug/L	9-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	V	<	0.48	ug/L	24-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Zn		23.61	ug/L	26-Jun-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Zn		56.42	ug/L	30-Jun-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Zn	j	5.861	ug/L	8-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Zn		13.53	ug/L	9-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Zn	j	2.803	ug/L	9-Jul-15	0.48	10	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Zn	j	4.012	ug/L	24-Jul-15	0.48	10	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	*CaCO3		115	mg/LCaCO3	26-Jun-15	1		EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	*CaCO3		110	mg/LCaCO3	30-Jun-15	1		EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	*CaCO3		276	mg/LCaCO3	8-Jul-15	1		EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	*CaCO3		295	mg/LCaCO3	9-Jul-15	1		EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	*CaCO3		217	mg/LCaCO3	24-Jul-15	1		EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Ag	j	0.034	ug/L	26-Jun-15	0.018	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Ag	j	0.038	ug/L	30-Jun-15	0.018	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Ag	<	0.018	ug/L	8-Jul-15	0.018	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Ag	<	0.018	ug/L	9-Jul-15	0.018	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Ag	<	0.018	ug/L	24-Jul-15	0.018	1	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Al		1607	ug/L	26-Jun-15	1	10	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Al		2430	ug/L	30-Jun-15	1	10	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Al		150	ug/L	8-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Al		23.32	ug/L	9-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Al		85.9	ug/L	24-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Alkalinity		91.4	mg/LCaCO3	18-Jun-15	1.6	10	EPA-310.2
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Alkalinity		61.6	mg/LCaCO3	24-Jun-15	1.6	10	EPA-310.2
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Alkalinity		209.7	mg/LCaCO3	1-Jul-15	1.6	10	EPA-310.2
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Alkalinity		201.1	mg/LCaCO3	9-Jul-15	1.6	10	EPA-310.2
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Alkalinity		162.9	mg/LCaCO3	16-Jul-15	1.6	10	EPA-310.2
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	As		3.31	ug/L	26-Jun-15	0.64	2	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	As		4.189	ug/L	30-Jun-15	0.64	2	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	As	j	1.745	ug/L	8-Jul-15	0.64	2	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	As	j	1.578	ug/L	9-Jul-15	0.64	2	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	As	j	1.99	ug/L	24-Jul-15	0.64	2	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Ва		33.08	ug/L	26-Jun-15	0.066	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Ва		37.85	ug/L	30-Jun-15	0.066	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Ва		49.17	ug/L	8-Jul-15	0.066	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Ва		55.4	ug/L	9-Jul-15	0.066	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Ва		39.71	ug/L	24-Jul-15	0.066	1	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Be	<	0.108	ug/L	26-Jun-15	0.108	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Be	j	0.125	ug/L	30-Jun-15	0.108	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Be	<	0.108	ug/L	8-Jul-15	0.108	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Be	<	0.108	ug/L	9-Jul-15	0.108	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Be	<	0.108	ug/L	24-Jul-15	0.108	1	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	BOD		3.1	mg/L	17-Jun-15	2		SM 5210
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	BOD		5.6	mg/L	23-Jun-15	2		SM 5210
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	BOD	<	2	mg/L	1-Jul-15	2		SM 5210
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	BOD	<	2	mg/L	8-Jul-15	2		SM 5210
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	BOD	<	2	mg/L	14-Jul-15	2		SM 5210

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Ca		35580	ug/L	26-Jun-15	33.8	250	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Ca		34190	ug/L	30-Jun-15	33.8	250	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Ca		85330	ug/L	8-Jul-15	33.8	250	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Ca		89430	ug/L	9-Jul-15	33.8	250	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Ca		66140	ug/L	24-Jul-15	33.8	250	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Cd	j	0.13	ug/L	26-Jun-15	0.068	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Cd	j	0.107	ug/L	30-Jun-15	0.068	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Cd	<	0.068	ug/L	8-Jul-15	0.068	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Cd	<	0.068	ug/L	9-Jul-15	0.068	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Cd	<	0.068	ug/L	24-Jul-15	0.068	1	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Chloride		76.45	mg/L	19-Jun-15	1	5	EPA 300.0
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Chloride		72.86	mg/L	2-Jul-15	1	5	EPA 300.0
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Chloride		262.4	mg/L	15-Jul-15	2	10	EPA 300.0
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Chloride		383.6	mg/L	16-Jul-15	2	10	EPA 300.0
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Chloride		247.6	mg/L	18-Jul-15	2	10	EPA 300.0
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Co		1.634	ug/L	26-Jun-15	0.112	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Co		2.122	ug/L	30-Jun-15	0.112	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Co	j	0.333	ug/L	8-Jul-15	0.112	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Co	j	0.212	ug/L	9-Jul-15	0.112	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Co	j	0.316	ug/L	24-Jul-15	0.112	1	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	COD		43.5	mg/L	17-Jun-15	4.9	10	EPA 410.4
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	COD		39.4	mg/L	26-Jun-15	4.9	10	EPA 410.4
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	COD		25.6	mg/L	2-Jul-15	4.9	10	EPA 410.4
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	COD		17.5	mg/L	9-Jul-15	4.9	10	EPA 410.4
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	COD		22.6	mg/L	20-Jul-15	4.9	10	EPA 410.4
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Conduct	HT	523	uS/cm	21-Jul-15	0.2	8.0	SM 2510B
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Conduct	HT	498	uS/cm	21-Jul-15	0.2	8.0	SM 2510B
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Conduct		1410	uS/cm	21-Jul-15	0.2	8.0	SM 2510B
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Conduct		1790	uS/cm	21-Jul-15	0.2	8.0	SM 2510B
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Conduct		1270	uS/cm	21-Jul-15	0.2	8.0	SM 2510B
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Cr		4.232	ug/L	26-Jun-15	0.098	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44		Cr		4.535	ug/L	30-Jun-15	0.098	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Cr		1.35	ug/L	8-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Cr	j	0.941	ug/L	9-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Cr	j	0.958	ug/L	24-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50		Cu		9.702	ug/L	26-Jun-15	0.146	2	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44		Cu		10.99	ug/L	30-Jun-15	0.146	2	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21		Cu		4.652	ug/L	8-Jul-15	0.146	2	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32		Cu		4.186	ug/L	9-Jul-15	0.146	2	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Cu		4.738	ug/L	24-Jul-15	0.146	2	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 8.30	6/16/2015 10:50	•	DRPhos		0.038	mg/L	17-Jun-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	DRPhos		0.044	mg/L	24-Jun-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	DRPhos		0.032	mg/L	30-Jun-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	DRPhos		0.022	mg/L	8-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	DRPhos		0.031	mg/L	15-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	E. coli		38350	MPN/100 mL	16-Jun-15	1		SM 9223 Colilert
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	E. coli		51200	MPN/100 mL	23-Jun-15	1		SM 9223 Colilert
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	E. coli		1012	MPN/100 mL	30-Jun-15	1		SM 9223 Colilert
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	E. coli		567	MPN/100 mL	7-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	E. coli		2388	MPN/100 mL	14-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Fe		3231	ug/L	26-Jun-15	1	10	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Fe		5134	ug/L	30-Jun-15	1	10	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Fe		590.2	ug/L	8-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Fe		283	ug/L	9-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Fe		368.4	ug/L	24-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Field Cond		477.1	umhos/cm				SM 2510A
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Field Cond		520.5	umhos/cm				SM 2510B
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Field Cond		440.7	umhos/cm				SM 2510A
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Field Cond		477.6	umhos/cm				SM 2510B
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Field Cond		1179	umhos/cm				SM 2510A
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Field Cond		1370	umhos/cm				SM 2510B
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Field Cond		1608	umhos/cm				SM 2510A
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Field Cond		1747	umhos/cm				SM 2510B
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Field Cond		1153	umhos/cm				SM 2510A
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Field Cond		1271	umhos/cm				SM 2510B
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Field DO		8	mg/L				SM 4500-0 G
Mill Creek	River Mile 8.30	6/16/2015 10:50		Field DO		93	%				
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Field DO		8.29	mg/L				SM 4500-0 G
Mill Creek	River Mile 8.30	6/23/2015 10:44		Field DO		93.1	%				
Mill Creek	River Mile 8.30	6/30/2015 10:21		Field DO		8.86	mg/L				SM 4500-0 G
Mill Creek	River Mile 8.30	6/30/2015 10:21		Field DO		93.4	%				
Mill Creek	River Mile 8.30	7/7/2015 10:32		Field DO		103	%				
Mill Creek	River Mile 8.30	7/7/2015 10:32		Field DO		9.16	mg/L				SM 4500-0 G
Mill Creek	River Mile 8.30	7/14/2015 10:34		Field DO		8.65	mg/L				SM 4500-0 G
Mill Creek	River Mile 8.30	7/14/2015 10:34		Field DO		95.8	%				
Mill Creek	River Mile 8.30	6/16/2015 10:50		Field Temp		20.7	С				EPA 170.1
Mill Creek	River Mile 8.30	6/23/2015 10:44		Field Temp		21	С				EPA 170.1
Mill Creek	River Mile 8.30	6/30/2015 10:21		Field Temp		17.7	С				EPA 170.1
Mill Creek	River Mile 8.30	7/7/2015 10:32		Field Temp		20.8	С				EPA 170.1
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Field Temp		20.2	С				EPA 170.1

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Hg	j	0.028	ug/L	23-Jun-15	0.006	0.05	EPA 245.1
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Hg	<	0.006	ug/L	30-Jun-15	0.006	0.05	EPA 245.1
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Hg	<	0.006	ug/L	8-Jul-15	0.006	0.05	EPA 245.1
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Hg	<	0.006	ug/L	16-Jul-15	0.006	0.05	EPA 245.1
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Hg	<	0.006	ug/L	16-Jul-15	0.006	0.05	EPA 245.1
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	K		3558	ug/L	26-Jun-15	7.4	250	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	K		4007	ug/L	30-Jun-15	7.4	250	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	K		4975	ug/L	8-Jul-15	7.4	250	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	K		4771	ug/L	9-Jul-15	7.4	250	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	K		4503	ug/L	24-Jul-15	7.4	250	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Mg		6426	ug/L	26-Jun-15	4.2	250	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Mg		5899	ug/L	30-Jun-15	4.2	250	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Mg		15300	ug/L	8-Jul-15	4.2	250	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Mg		17400	ug/L	9-Jul-15	4.2	250	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Mg		12700	ug/L	24-Jul-15	4.2	250	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Mn		98.81	ug/L	26-Jun-15	0.114	2	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Mn		136.4	ug/L	30-Jun-15	0.114	2	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Mn		35.62	ug/L	8-Jul-15	0.114	2	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Mn		26.28	ug/L	9-Jul-15	0.114	2	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Mn		25.1	ug/L	24-Jul-15	0.114	2	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Mo		2.652	ug/L	26-Jun-15	0.034	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Mo		2.485	ug/L	30-Jun-15	0.034	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Mo		6.055	ug/L	8-Jul-15	0.034	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Мо		6.893	ug/L	9-Jul-15	0.034	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Мо		5.577	ug/L	24-Jul-15	0.034	1	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Na		55280	ug/L	26-Jun-15	27.8	250	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Na		49680	ug/L	30-Jun-15	27.8	250	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Na		188900	ug/L	8-Jul-15	27.8	250	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Na		234600	ug/L	9-Jul-15	27.8	250	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Na		173100	ug/L	24-Jul-15	27.8	250	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	NH3		0.073	mg/L	17-Jun-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	NH3		0.101	mg/L	26-Jun-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	NH3		0.03	mg/L	1-Jul-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	NH3		0.147	mg/L	9-Jul-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	NH3		0.021	mg/L	16-Jul-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Ni		5.621	ug/L	26-Jun-15	0.132	4	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Ni		7.226	ug/L	30-Jun-15	0.132	4	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21		Ni	j	2.946	ug/L	8-Jul-15	0.132	4	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Ni	j	2.757	ug/L	9-Jul-15	0.132	4	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Ni	j	2.383	ug/L	24-Jul-15	0.132	4	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	NO2		0.041	mg/L	17-Jun-15	0.001	0.02	SM 4500-NO2-B
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	NO2		0.063	mg/L	24-Jun-15	0.001	0.02	SM 4500-NO2-B
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	NO2		0.02	mg/L	1-Jul-15	0.001	0.02	SM 4500-NO2-B
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	NO2	j	0.013	mg/L	8-Jul-15	0.001	0.02	SM 4500-NO2-B
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	NO2	j	0.018	mg/L	15-Jul-15	0.001	0.02	SM 4500-NO2-B
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	NO3		0.183	mg/L	17-Jun-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	NO3		0.209	mg/L	26-Jun-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	NO3		0.437	mg/L	1-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	NO3		0.157	mg/L	9-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	NO3		0.302	mg/L	16-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	NO3+NO2		0.224	mg/L	17-Jun-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	NO3+NO2		0.272	mg/L	26-Jun-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	NO3+NO2		0.458	mg/L	1-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	NO3+NO2		0.17	mg/L	9-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	NO3+NO2		0.32	mg/L	16-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Pb		4.436	ug/L	26-Jun-15	0.116	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Pb		5.476	ug/L	30-Jun-15	0.116	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Pb	j	0.552	ug/L	8-Jul-15	0.116	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Pb	j	0.688	ug/L	9-Jul-15	0.116	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Pb	j	0.297	ug/L	24-Jul-15	0.116	1	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	рН		8.01	S.U.				
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	рН		7.97	S.U.				
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	рН		8.15	S.U.				
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	pН		8.26	S.U.				
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	pН		8.28	S.U.				
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Sb	j	0.515	ug/L	26-Jun-15	0.036	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Sb	j	0.515	ug/L	30-Jun-15	0.036	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Sb	j	0.615	ug/L	8-Jul-15	0.036	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Sb	j	0.384	ug/L	9-Jul-15	0.036	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34		Sb	j	0.48	ug/L	24-Jul-15	0.036	1	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Se	<	0.76	ug/L	26-Jun-15	0.76	5	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44		Se	<	0.76	ug/L	30-Jun-15	0.76	5	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Se	j	0.823	ug/L	8-Jul-15	0.76	5	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Se	<	0.76	ug/L	9-Jul-15	0.76	5	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Se	<	0.76	ug/L	24-Jul-15	0.76	5	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Sn	<	0.162	ug/L	26-Jun-15	0.162	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44		Sn	j	0.255	ug/L	30-Jun-15	0.162	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21		Sn	<	0.162	ug/L	8-Jul-15	0.162	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32		Sn	<	0.162	ug/L	9-Jul-15	0.162	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Sn	<	0.162	ug/L	24-Jul-15	0.162	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	SO4		22.66	mg/L	19-Jun-15	0.5	5	EPA 300.0
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	SO4		24.36	mg/L	2-Jul-15	0.5	5	EPA 300.0
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	SO4		67.06	mg/L	15-Jul-15	0.5	5	EPA 300.0
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	SO4		77.03	mg/L	16-Jul-15	0.5	5	EPA 300.0
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	SO4		58.01	mg/L	18-Jul-15	0.5	5	EPA 300.0
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Sr		197.145	ug/L	26-Jun-15	0.098	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Sr		188.572	ug/L	30-Jun-15	0.098	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Sr		464.495	ug/L	8-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Sr		520.48	ug/L	9-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Sr		398.356	ug/L	24-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	TDS		290	mg/L	17-Jun-15	1	5	SM2540C
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	TDS		272	mg/L	25-Jun-15	1	5	SM2540C
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	TDS		820	mg/L	30-Jun-15	1	5	SM2540C
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	TDS		1002	mg/L	8-Jul-15	1	5	SM2540C
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	TDS		703	mg/L	16-Jul-15	1	5	SM2540C
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Ti		20.41	ug/L	26-Jun-15	0.142	2	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Ti		29.93	ug/L	30-Jun-15	0.142	2	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Ti		3.544	ug/L	8-Jul-15	0.142	2	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Ti	j	1.032	ug/L	9-Jul-15	0.142	2	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Ti		2.026	ug/L	24-Jul-15	0.142	2	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	TKN		1.21	mg/L	18-Jun-15	0.081	0.5	EPA-351.1
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	TKN		1.455	mg/L	26-Jun-15	0.081	0.5	EPA-351.1
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	TKN		0.545	mg/L	14-Jul-15	0.081	0.5	EPA-351.1
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	TKN	j	0.413	mg/L	23-Jul-15	0.081	0.5	EPA-351.1
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	TKN		0.559	mg/L	23-Jul-15	0.081	0.5	EPA-351.1
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	TI	j	0.072	ug/L	26-Jun-15	0.014	1	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	TI	j	0.081	ug/L	30-Jun-15	0.014	1	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	ΤI	j	0.031	ug/L	8-Jul-15	0.014	1	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	TI	j	0.023	ug/L	9-Jul-15	0.014	1	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	TI	j	0.026	ug/L	24-Jul-15	0.014	1	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	TMET		43.5	ug/L	26-Jun-15	10		EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44		TMET		53.8	ug/L	30-Jun-15	10		EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	TMET		13.9	ug/L	8-Jul-15	10		EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	TMET		10.4	ug/L	9-Jul-15	10		EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	TMET		11	ug/L	24-Jul-15	10		EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Total-P		0.108	mg/L	18-Jun-15	0.006	0.02	EPA 365.1
Mill Creek	River Mile 8.30	6/23/2015 10:44		Total-P		0.224	mg/L	26-Jun-15	0.003		EPA 365.1
Mill Creek	River Mile 8.30	6/30/2015 10:21		Total-P		0.06	mg/L	1-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 8.30	7/7/2015 10:32		Total-P		0.044	mg/L	9-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Total-P		0.056	mg/L	17-Jul-15	0.003	0.01	EPA 365.1

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	TS		404	mg/L	18-Jun-15	1	5	SM2540B
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	TS		435	mg/L	23-Jun-15	1	5	SM2540B
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	TS		836	mg/L	30-Jun-15	1	5	SM2540B
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	TS		1116	mg/L	8-Jul-15	1	5	SM2540B
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	TS		725	mg/L	16-Jul-15	1	5	SM2540B
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	TSS		99.3	mg/L	17-Jun-15	0.5	1	SM2540D
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	TSS		139.2	mg/L	23-Jun-15	0.5	1	SM2540D
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	TSS		8.3	mg/L	30-Jun-15	0.5	1	SM2540D
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	TSS		1.4	mg/L	8-Jul-15	0.5	1	SM2540D
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	TSS		4	mg/L	14-Jul-15	0.5	1	SM2540D
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Turbidity		89	NTU				EPA 180.1
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Turbidity		158	NTU				EPA 180.1
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Turbidity		12.5	NTU				EPA 180.1
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Turbidity		1.53	NTU				EPA 180.1
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Turbidity		7.79	NTU				EPA 180.1
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	V	j	3.366	ug/L	26-Jun-15	0.48	10	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	V	j	4.415	ug/L	30-Jun-15	0.48	10	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	V	j	1.332	ug/L	8-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	V	<	0.48	ug/L	9-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	V	j	1.656	ug/L	24-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Zn		23.96	ug/L	26-Jun-15	0.48	10	EPA-200.8
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Zn		31.01	ug/L	30-Jun-15	0.48	10	EPA-200.8
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Zn	j	4.992	ug/L	8-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Zn	j	2.57	ug/L	9-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Zn	j	2.938	ug/L	24-Jul-15	0.48	10	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	*CaCO3		132	mg/LCaCO3	26-Jun-15	1		EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	*CaCO3		105	mg/LCaCO3	30-Jun-15	1		EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	*CaCO3		306	mg/LCaCO3	8-Jul-15	1		EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	*CaCO3		306	mg/LCaCO3	8-Jul-15	1		EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	*CaCO3		383	mg/LCaCO3	9-Jul-15	1		EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	*CaCO3		238	mg/LCaCO3	24-Jul-15	1		EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Ag	j	0.029	ug/L	26-Jun-15	0.018	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Ag	j	0.12	ug/L	30-Jun-15	0.018	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Ag	<	0.018	ug/L	8-Jul-15	0.018	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Ag	j	0.018	ug/L	8-Jul-15	0.018	1	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Ag	<	0.018	ug/L	9-Jul-15	0.018	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Ag	<	0.018	ug/L	24-Jul-15	0.018	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Al		1917	ug/L	26-Jun-15	1	10	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Al		5830	ug/L	30-Jun-15	1	10	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Al		360.9	ug/L	8-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Al		366	ug/L	8-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Al		180.2	ug/L	9-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Al		164.6	ug/L	24-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Alkalinity		97.2	mg/LCaCO3	18-Jun-15	1.6	10	EPA-310.2
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Alkalinity		30.4	mg/LCaCO3	24-Jun-15	1.6	10	EPA-310.2
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Alkalinity		215.5	mg/LCaCO3	1-Jul-15	1.6	10	EPA-310.2
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Alkalinity		217.1	mg/LCaCO3	1-Jul-15	1.6	10	EPA-310.2
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Alkalinity		251.6	mg/LCaCO3	9-Jul-15	1.6	10	EPA-310.2
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Alkalinity		170.9	mg/LCaCO3	16-Jul-15	1.6	10	EPA-310.2
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	As		3.719	ug/L	26-Jun-15	0.64	2	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	As		6.092	ug/L	30-Jun-15	0.64	2	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	As		2.116	ug/L	8-Jul-15	0.64	2	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	As	j	1.869	ug/L	8-Jul-15	0.64	2	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	As	j	1.066	ug/L	9-Jul-15	0.64	2	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	As	j	1.32	ug/L	24-Jul-15	0.64	2	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Ва		39.43	ug/L	26-Jun-15	0.066	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Ва		67.38	ug/L	30-Jun-15	0.066	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Ва		67.68	ug/L	8-Jul-15	0.066	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Ва		65.29	ug/L	8-Jul-15	0.066	1	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Ва		85.83	ug/L	9-Jul-15	0.066	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Ва		52.36	ug/L	24-Jul-15	0.066	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Be	j	0.128	ug/L	26-Jun-15	0.108	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Be	j	0.42	ug/L	30-Jun-15	0.108	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Be	<	0.108	ug/L	8-Jul-15	0.108	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Be	<	0.108	ug/L	8-Jul-15	0.108	1	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Ве	<	0.108	ug/L	9-Jul-15	0.108	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Be	<	0.108	ug/L	24-Jul-15	0.108	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	BOD		3.1	mg/L	17-Jun-15	2		SM 5210
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	BOD		4.4	mg/L	23-Jun-15	2		SM 5210
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	BOD	<	2	mg/L	1-Jul-15	2		SM 5210
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	BOD	<	2	mg/L	1-Jul-15	2		SM 5210
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	BOD		4	mg/L	8-Jul-15	2		SM 5210
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	BOD	<	2	mg/L	14-Jul-15	2		SM 5210
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Ca		39950	ug/L	26-Jun-15	33.8	250	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Ca		30280	ug/L	30-Jun-15	33.8	250	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Ca		89510	ug/L	8-Jul-15	33.8	250	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Ca		89180	ug/L	8-Jul-15	33.8	250	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Ca		108900	ug/L	9-Jul-15	33.8	250	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Ca		68150	ug/L	24-Jul-15	33.8	250	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Cd	j	0.178	ug/L	26-Jun-15	0.068	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Cd	j	0.663	ug/L	30-Jun-15	0.068	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Cd	j	0.198	ug/L	8-Jul-15	0.068	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Cd	j	0.204	ug/L	8-Jul-15	0.068	1	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Cd	j	0.188	ug/L	9-Jul-15	0.068	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Cd	j	0.121	ug/L	24-Jul-15	0.068	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Chloride		77.84	mg/L	19-Jun-15	1	5	EPA 300.0
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Chloride		50.55	mg/L	1-Jul-15	1	5	EPA 300.0
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Chloride		180.1	mg/L	2-Jul-15	1	5	EPA 300.0
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Chloride		180.5	mg/L	15-Jul-15	1	5	EPA 300.0
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Chloride		239.2	mg/L	16-Jul-15	2	10	EPA 300.0
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Chloride		159	mg/L	18-Jul-15	1	5	EPA 300.0
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Co		2.112	ug/L	26-Jun-15	0.112	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Co		6.342	ug/L	30-Jun-15	0.112	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Co	j	0.978	ug/L	8-Jul-15	0.112	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Co	j	0.95	ug/L	8-Jul-15	0.112	1	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Co	j	0.872	ug/L	9-Jul-15	0.112	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Co	j	0.502	ug/L	24-Jul-15	0.112	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	COD		35.9	mg/L	17-Jun-15	4.9	10	EPA 410.4
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	COD		50.8	mg/L	26-Jun-15	4.9	10	EPA 410.4
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	COD		25.1	mg/L	2-Jul-15	4.9	10	EPA 410.4
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	COD		23.7	mg/L	2-Jul-15	4.9	10	EPA 410.4
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	COD		21.6	mg/L	9-Jul-15	4.9	10	EPA 410.4
Mill Creek	River Mile 0.12	7/14/2015 9:00		COD		21.3	mg/L	20-Jul-15	4.9	10	EPA 410.4
Mill Creek	River Mile 0.12	6/16/2015 9:50		Conduct	HT	566	uS/cm	21-Jul-15	0.2	8.0	SM 2510B
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Conduct	HT	373	uS/cm	21-Jul-15	0.2	8.0	SM 2510B

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Conduct		1180	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Conduct		1200	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Conduct		1510	uS/cm	21-Jul-15	0.2	8.0	SM 2510B
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Conduct		1030	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Cr		4.78	ug/L	26-Jun-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Cr		14.24	ug/L	30-Jun-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Cr		2.115	ug/L	8-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Cr		1.946	ug/L	8-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Cr	j	0.998	ug/L	9-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Cr		1.238	ug/L	24-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Cu		12.11	ug/L	26-Jun-15	0.146	2	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Cu		32.58	ug/L	30-Jun-15	0.146	2	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Cu		13.23	ug/L	8-Jul-15	0.146	2	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Cu		12.88	ug/L	8-Jul-15	0.146	2	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Cu		14.94	ug/L	9-Jul-15	0.146	2	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Cu		9.33	ug/L	24-Jul-15	0.146	2	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	DRPhos		0.045	mg/L	17-Jun-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	DRPhos		0.058	mg/L	24-Jun-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	DRPhos		0.014	mg/L	30-Jun-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	DRPhos		0.014	mg/L	30-Jun-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	DRPhos	<	0.003	mg/L	8-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	DRPhos		0.011	mg/L	15-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	E. coli		10864	MPN/100 mL	16-Jun-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	E. coli		88200	MPN/100 mL	23-Jun-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	E. coli		790	MPN/100 mL	30-Jun-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	E. coli		1152	MPN/100 mL	30-Jun-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	E. coli		250	MPN/100 mL	7-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	7/9/2015 10:53	R-1505290012	E. coli		4866	MPN/100 mL	9-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	7/9/2015 15:20	R-1505290020	E. coli		69490	MPN/100 mL	10-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	7/10/2015 9:21	R-1506090006	E. coli		2872	MPN/100 mL	10-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	7/10/2015 14:25	R-1506090016	E. coli		1121	MPN/100 mL	10-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	7/11/2015 7:32	R-1507090006	E. coli		2747	MPN/100 mL	11-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	7/11/2015 10:04	R-1507090015	E. coli		1642	MPN/100 mL	11-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	7/12/2015 8:52	R-1507100007	E. coli		384	MPN/100 mL	12-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	7/12/2015 12:00		E. coli		310	MPN/100 mL	12-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	E. coli		882	MPN/100 mL	14-Jul-15	1		SM 9223 Colilert
Mill Creek	River Mile 0.12		R-1506150006	Fe		4184	ug/L	26-Jun-15	1	10	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Fe		12860	ug/L	30-Jun-15	1	10	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Fe		1520	ug/L	8-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Fe		1501	ug/L	8-Jul-15	1	10	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Fe		1330	ug/L	9-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Fe		930.8	ug/L	24-Jul-15	1	10	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Field Cond		521.8	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Field Cond		563.9	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Field Cond		308.9	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Field Cond		333.9	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Field Cond		1142	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Field Cond		1362	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Field Cond		1347	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Field Cond		1480	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	7/9/2015 10:53	R-1505290012	Field Cond		830.2	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	7/9/2015 10:53	R-1505290012	Field Cond		927	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	7/9/2015 15:20	R-1505290020	Field Cond		344	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	7/9/2015 15:20	R-1505290020	Field Cond		371	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	7/10/2015 9:21	R-1506090006	Field Cond		770.9	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	7/10/2015 9:21	R-1506090006	Field Cond		856.6	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	7/10/2015 14:25	R-1506090016	Field Cond		892.3	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	7/10/2015 14:25	R-1506090016	Field Cond		940.2	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	7/11/2015 7:32	R-1507090006	Field Cond		1116	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	7/11/2015 7:32	R-1507090006	Field Cond		957.1	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	7/11/2015 10:04	R-1507090015	Field Cond		1013	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	7/11/2015 10:04	R-1507090015	Field Cond		1144	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	7/12/2015 8:52	R-1507100007	Field Cond		1150	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	7/12/2015 8:52	R-1507100007	Field Cond		1300	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	7/12/2015 12:00	R-1507100014	Field Cond		1195	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	7/12/2015 12:00	R-1507100014	Field Cond		1301	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Field Cond		1045	umhos/cm				SM 2510B
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Field Cond		950	umhos/cm				SM 2510A
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Field DO		8.06	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Field DO		90.9	%				
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Field DO		8.27	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Field DO		93	%				
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Field DO		7.11	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Field DO		73.8	%				
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Field DO		7.67	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Field DO		85.3	%				
Mill Creek	River Mile 0.12	7/9/2015 10:53	R-1505290012	Field DO		8.42	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	7/9/2015 10:53	R-1505290012	Field DO		91.7	%				
Mill Creek	River Mile 0.12		R-1505290020	Field DO		827	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	7/9/2015 15:20	R-1505290020	Field DO		93.2	%				

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 0.12	7/10/2015 9:21	R-1506090006	Field DO		8.3	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	7/10/2015 9:21	R-1506090006	Field DO		91.1	%				
Mill Creek	River Mile 0.12	7/10/2015 14:25	R-1506090016	Field DO		8.48	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	7/10/2015 14:25	R-1506090016	Field DO		97.5	%				
Mill Creek	River Mile 0.12	7/11/2015 7:32	R-1507090006	Field DO		8.08	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	7/11/2015 7:32	R-1507090006	Field DO		84.7	%				
Mill Creek	River Mile 0.12	7/11/2015 10:04	R-1507090015	Field DO		8.45	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	7/11/2015 10:04	R-1507090015	Field DO		91.2	%				
Mill Creek	River Mile 0.12	7/12/2015 8:52	R-1507100007	Field DO		102.6	%				
Mill Creek	River Mile 0.12	7/12/2015 8:52	R-1507100007	Field DO		9.26	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	7/12/2015 12:00	R-1507100014	Field DO		8.61	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	7/12/2015 12:00	R-1507100014	Field DO		95	%				
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Field DO		7.82	mg/L				SM 4500-0 G
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Field DO		86.6	%				
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Field Temp		21	С				EPA 170.1
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Field Temp		21.1	С				EPA 170.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Field Temp		16.9	С				EPA 170.1
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Field Temp		20.3	С				EPA 170.1
Mill Creek	River Mile 0.12	7/9/2015 10:53	R-1505290012	Field Temp		19.5	С				EPA 170.1
Mill Creek	River Mile 0.12	7/9/2015 15:20	R-1505290020	Field Temp		21.2	С				EPA 170.1
Mill Creek	River Mile 0.12	7/10/2015 9:21	R-1506090006	Field Temp		19.8	С				EPA 170.1
Mill Creek	River Mile 0.12	7/10/2015 14:25	R-1506090016	Field Temp		22.3	С				EPA 170.1
Mill Creek	River Mile 0.12	7/11/2015 7:32	R-1507090006	Field Temp		17.5	С				EPA 170.1
Mill Creek	River Mile 0.12	7/11/2015 10:04	R-1507090015	Field Temp		19	С				EPA 170.1
Mill Creek	River Mile 0.12	7/12/2015 8:52	R-1507100007	Field Temp		19	С				EPA 170.1
Mill Creek	River Mile 0.12	7/12/2015 12:00	R-1507100014	Field Temp		20.9	С				EPA 170.1
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Field Temp		20.2	С				EPA 170.1
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Hg	j	0.017	ug/L	23-Jun-15	0.006	0.05	EPA 245.1
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Hg	j	0.025	ug/L	30-Jun-15	0.006	0.05	EPA 245.1
Mill Creek	River Mile 0.12	6/30/2015 8:50		Hg	<	0.006	ug/L	8-Jul-15	0.006		EPA 245.1
Mill Creek	River Mile 0.12	6/30/2015 8:50		Hg	j	0.006	ug/L	8-Jul-15	0.006		EPA 245.1
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Hg	<	0.006	ug/L	16-Jul-15	0.006		EPA 245.1
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Hg	<	0.006	ug/L	16-Jul-15	0.006	0.05	EPA 245.1
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	K		4156	ug/L	26-Jun-15	7.4	250	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	K		3706	ug/L	30-Jun-15	7.4	250	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	K		7985	ug/L	8-Jul-15	7.4	250	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50		K		7849	ug/L	8-Jul-15	7.4	250	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	K		11030	ug/L	9-Jul-15	7.4	500	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00		K		6951	ug/L	24-Jul-15	7.4	250	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Mg		7757	ug/L	26-Jun-15	4.2	250	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Mg		7248	ug/L	30-Jun-15	4.2	250	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Mg		20030	ug/L	8-Jul-15	4.2	250	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Mg		20360	ug/L	8-Jul-15	4.2	250	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Mg		27060	ug/L	9-Jul-15	4.2	250	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Mg		16350	ug/L	24-Jul-15	4.2	250	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Mn		127.6	ug/L	26-Jun-15	0.114	2	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Mn		359.6	ug/L	30-Jun-15	0.114	2	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Mn		158.5	ug/L	8-Jul-15	0.114	2	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Mn		159.3	ug/L	8-Jul-15	0.114	2	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Mn		191.9	ug/L	9-Jul-15	0.114	2	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Mn		88.24	ug/L	24-Jul-15	0.114	2	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Mo		3.276	ug/L	26-Jun-15	0.034	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Мо		2.19	ug/L	30-Jun-15	0.034	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Mo		5.97	ug/L	8-Jul-15	0.034	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Mo		5.868	ug/L	8-Jul-15	0.034	1	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Мо		5.807	ug/L	9-Jul-15	0.034	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Mo		4.979	ug/L	24-Jul-15	0.034	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Na		53910	ug/L	26-Jun-15	27.8	250	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Na		30960	ug/L	30-Jun-15	27.8	250	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Na		130000	ug/L	8-Jul-15	27.8	250	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Na		134400	ug/L	8-Jul-15	27.8	250	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Na		156800	ug/L	9-Jul-15	27.8	250	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00		Na		113300	ug/L	24-Jul-15	27.8	250	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	NH3		0.121	mg/L	17-Jun-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	6/23/2015 9:30		NH3		0.164	mg/L	26-Jun-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	6/30/2015 8:50		NH3		0.365	mg/L	1-Jul-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	NH3		0.383	mg/L	1-Jul-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	NH3		0.529	mg/L	9-Jul-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	7/9/2015 10:53	R-1505290012	NH3		0.25	mg/L	22-Jul-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	7/9/2015 15:20		NH3		0.13	mg/L	22-Jul-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	7/10/2015 9:21		NH3		0.242	mg/L	23-Jul-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	7/10/2015 14:25		NH3		0.239	mg/L	23-Jul-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	7/11/2015 7:32		NH3		0.304	mg/L	23-Jul-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 0.12	7/11/2015 10:04		NH3		0.307	mg/L	23-Jul-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	7/12/2015 8:52		NH3		0.321	mg/L	24-Jul-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	7/12/2015 12:00		NH3		0.276	mg/L	24-Jul-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	7/14/2015 9:00		NH3		0.242	mg/L	16-Jul-15	0.002		EPA-350.1
Mill Creek	River Mile 0.12	6/16/2015 9:50		Ni		8.148	ug/L	26-Jun-15	0.132	4	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30		Ni		25.14	ug/L	30-Jun-15	0.132	4	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Ni		5.16	ug/L	8-Jul-15	0.132	4	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Ni		4.972	ug/L	8-Jul-15	0.132	4	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Ni		4.849	ug/L	9-Jul-15	0.132	4	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Ni	j	3.782	ug/L	24-Jul-15	0.132	4	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	NO2		0.062	mg/L	17-Jun-15	0.001	0.02	SM 4500-NO2-B
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	NO2		0.09	mg/L	24-Jun-15	0.001	0.02	SM 4500-NO2-B
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	NO2		0.053	mg/L	1-Jul-15	0.001	0.02	SM 4500-NO2-B
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	NO2		0.051	mg/L	1-Jul-15	0.001	0.02	SM 4500-NO2-B
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	NO2		0.258	mg/L	8-Jul-15	0.001	0.02	SM 4500-NO2-B
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	NO2		0.11	mg/L	15-Jul-15	0.001	0.02	SM 4500-NO2-B
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	NO3		0.324	mg/L	17-Jun-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	NO3		0.302	mg/L	26-Jun-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	NO3		0.597	mg/L	1-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	NO3		0.585	mg/L	1-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	NO3		0.887	mg/L	9-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	NO3		0.607	mg/L	16-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	NO3+NO2		0.386	mg/L	17-Jun-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	NO3+NO2		0.392	mg/L	26-Jun-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	NO3+NO2		0.65	mg/L	1-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	NO3+NO2		0.636	mg/L	1-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	NO3+NO2		1.145	mg/L	9-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	NO3+NO2		0.717	mg/L	16-Jul-15	0.003	0.02	EPA 353.2
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Pb		6.968	ug/L	26-Jun-15	0.116	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Pb		28.92	ug/L	30-Jun-15	0.116	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Pb		1.809	ug/L	8-Jul-15	0.116	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Pb		1.958	ug/L	8-Jul-15	0.116	1	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Pb	j	0.688	ug/L	9-Jul-15	0.116	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Pb	j	0.641	ug/L	24-Jul-15	0.116	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	рН		7.88	S.U.				
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	рН		7.92	S.U.				
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	рН		7.07	S.U.				
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	рН		7.65	S.U.				
Mill Creek	River Mile 0.12		R-1505290012	рН		7.98	S.U.				
Mill Creek	River Mile 0.12	7/9/2015 15:20	R-1505290020	рН		7.96	S.U.				
Mill Creek	River Mile 0.12	7/10/2015 9:21		рН		7.84	S.U.				
Mill Creek	River Mile 0.12	7/10/2015 14:25		рН		7.91	S.U.				
Mill Creek	River Mile 0.12	7/11/2015 7:32		рН		7.7	S.U.				
Mill Creek	River Mile 0.12	7/11/2015 10:04		рН		7.81	S.U.				
Mill Creek	River Mile 0.12	7/12/2015 8:52		рН		7.8	S.U.				
Mill Creek	River Mile 0.12	7/12/2015 12:00		рН		7.91	S.U.				
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	рН		7.73	S.U.				

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Sb	j	0.655	ug/L	26-Jun-15	0.036	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Sb	j	0.83	ug/L	30-Jun-15	0.036	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Sb	j	0.721	ug/L	8-Jul-15	0.036	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Sb	j	0.738	ug/L	8-Jul-15	0.036	1	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Sb	j	0.522	ug/L	9-Jul-15	0.036	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Sb	j	0.63	ug/L	24-Jul-15	0.036	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Se	<	0.76	ug/L	26-Jun-15	0.76	5	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Se	<	0.76	ug/L	30-Jun-15	0.76	5	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Se	j	0.812	ug/L	8-Jul-15	0.76	5	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Se	j	0.806	ug/L	8-Jul-15	0.76	5	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Se	<	0.76	ug/L	9-Jul-15	0.76	5	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Se	<	0.76	ug/L	24-Jul-15	0.76	5	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Sn	j	0.435	ug/L	26-Jun-15	0.162	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Sn	j	0.618	ug/L	30-Jun-15	0.162	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Sn	<	0.162	ug/L	8-Jul-15	0.162	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Sn	<	0.162	ug/L	8-Jul-15	0.162	1	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Sn	<	0.162	ug/L	9-Jul-15	0.162	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Sn	<	0.162	ug/L	24-Jul-15	0.162	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	SO4		32.59	mg/L	19-Jun-15	0.5	5	EPA 300.0
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	SO4		18.53	mg/L	1-Jul-15	0.5	5	EPA 300.0
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	SO4		97.17	mg/L	2-Jul-15	0.5	5	EPA 300.0
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	SO4		97.13	mg/L	15-Jul-15	0.5	5	EPA 300.0
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	SO4		135.8	mg/L	16-Jul-15	1	10	EPA 300.0
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	SO4		77.12	mg/L	18-Jul-15	0.5	5	EPA 300.0
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Sr		212.448	ug/L	26-Jun-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Sr		143.556	ug/L	30-Jun-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Sr		489.033	ug/L	8-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Sr		474.468	ug/L	8-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Sr		639.519	ug/L	9-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Sr		393.446	ug/L	24-Jul-15	0.098	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	TDS		326	mg/L	17-Jun-15	1	5	SM2540C
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	TDS		200	mg/L	25-Jun-15	1	5	SM2540C
Mill Creek	River Mile 0.12	6/30/2015 8:50		TDS		736	mg/L	30-Jun-15	1	5	SM2540C
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	TDS		756	mg/L	30-Jun-15	1	5	SM2540C
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	TDS		932	mg/L	8-Jul-15	1	5	SM2540C
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	TDS		592	mg/L	16-Jul-15	1	5	SM2540C
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Ti		23.55	ug/L	26-Jun-15	0.142	2	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Ti		51.68	ug/L	30-Jun-15	0.142	2	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Ti		5.557	ug/L	8-Jul-15	0.142	2	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Ti		5.392	ug/L	8-Jul-15	0.142	2	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Ti	j	1.811	ug/L	9-Jul-15	0.142	2	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Ti	•	2.427	ug/L	24-Jul-15	0.142	2	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	TKN		1.184	mg/L	18-Jun-15	0.081	0.5	EPA-351.1
Mill Creek	River Mile 0.12	6/23/2015 9:30		TKN		1.984	mg/L	26-Jun-15	0.081	0.5	EPA-351.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	TKN		1.052	mg/L	14-Jul-15	0.081	0.5	EPA-351.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	TKN		1.05	mg/L	14-Jul-15	0.081	0.5	EPA-351.1
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	TKN		1.009	mg/L	15-Jul-15	0.081	0.5	EPA-351.1
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	TKN		0.843	mg/L	23-Jul-15	0.081	0.5	EPA-351.1
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	TI	j	0.083	ug/L	26-Jun-15	0.014	1	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	TI	j	0.22	ug/L	30-Jun-15	0.014	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	TI	j	0.048	ug/L	8-Jul-15	0.014	1	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	TI	j	0.047	ug/L	8-Jul-15	0.014	1	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	TI	j	0.039	ug/L	9-Jul-15	0.014	1	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	TI	j	0.035	ug/L	24-Jul-15	0.014	1	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	TMET		61	ug/L	26-Jun-15	10		EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	TMET		192.4	ug/L	30-Jun-15	10		EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	TMET		62.2	ug/L	8-Jul-15	10		EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	TMET		60.9	ug/L	8-Jul-15	10		EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	TMET		66	ug/L	9-Jul-15	10		EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	TMET		37.6	ug/L	24-Jul-15	10		EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Total-P		0.172	mg/L	18-Jun-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Total-P		0.481	mg/L	26-Jun-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Total-P		0.074	mg/L	1-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Total-P		0.074	mg/L	1-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Total-P		0.034	mg/L	9-Jul-15	0.003		EPA 365.1
Mill Creek	River Mile 0.12	7/9/2015 10:53		Total-P		0.104	mg/L	10-Jul-15	0.003		EPA 365.1
Mill Creek	River Mile 0.12	7/9/2015 15:20		Total-P		0.27	mg/L	16-Jul-15	0.003		EPA 365.1
Mill Creek	River Mile 0.12	7/10/2015 9:21		Total-P		0.087	mg/L	16-Jul-15	0.003		EPA 365.1
Mill Creek	River Mile 0.12	7/10/2015 14:25		Total-P		0.076	mg/L	16-Jul-15	0.003		EPA 365.1
Mill Creek	River Mile 0.12	7/11/2015 7:32		Total-P		0.061	mg/L	17-Jul-15	0.003		EPA 365.1
Mill Creek	River Mile 0.12	7/11/2015 10:04		Total-P		0.056	mg/L	17-Jul-15	0.003		EPA 365.1
Mill Creek	River Mile 0.12	7/12/2015 8:52		Total-P		0.051	mg/L	17-Jul-15	0.003		EPA 365.1
Mill Creek	River Mile 0.12	7/12/2015 12:00		Total-P		0.048	mg/L	17-Jul-15	0.003		EPA 365.1
Mill Creek	River Mile 0.12	7/14/2015 9:00		Total-P		0.054	mg/L	17-Jul-15	0.003		EPA 365.1
Mill Creek	River Mile 0.12	6/16/2015 9:50		TS		476	mg/L	18-Jun-15	1	5	SM2540B
Mill Creek	River Mile 0.12	6/23/2015 9:30		TS		744	mg/L	23-Jun-15	1	5	SM2540B
Mill Creek	River Mile 0.12	6/30/2015 8:50		TS		758	mg/L	30-Jun-15	1	5	SM2540B
Mill Creek	River Mile 0.12	6/30/2015 8:50		TS		770	mg/L	30-Jun-15	1	5	SM2540B
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	TS		1012	mg/L	8-Jul-15	1	5	SM2540B
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	TS		632	mg/L	16-Jul-15	1	5	SM2540B

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	TSS		128	mg/L	17-Jun-15	0.5	1	SM2540D
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	TSS		515	mg/L	23-Jun-15	0.5	1	SM2540D
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	TSS		16.1	mg/L	30-Jun-15	0.5	1	SM2540D
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	TSS		16.4	mg/L	30-Jun-15	0.5	1	SM2540D
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	TSS		6.6	mg/L	8-Jul-15	0.5	1	SM2540D
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	TSS		5.3	mg/L	14-Jul-15	0.5	1	SM2540D
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Turbidity		138.3	NTU				EPA 180.1
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Turbidity		438	NTU				EPA 180.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Turbidity		15.9	NTU				EPA 180.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Turbidity		15.3	NTU				EPA 180.1
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Turbidity		10.6	NTU				EPA 180.1
Mill Creek	River Mile 0.12	7/9/2015 10:53	R-1505290012	Turbidity		30.5	NTU				EPA 180.1
Mill Creek	River Mile 0.12	7/9/2015 15:20	R-1505290020	Turbidity		159.2	NTU				EPA 180.1
Mill Creek	River Mile 0.12	7/10/2015 9:21	R-1506090006	Turbidity		23.8	NTU				EPA 180.1
Mill Creek	River Mile 0.12	7/10/2015 14:25	R-1506090016	Turbidity		13.4	NTU				EPA 180.1
Mill Creek	River Mile 0.12	7/11/2015 7:32	R-1507090006	Turbidity		8.32	NTU				EPA 180.1
Mill Creek	River Mile 0.12	7/11/2015 10:04	R-1507090015	Turbidity		8.12	NTU				EPA 180.1
Mill Creek	River Mile 0.12	7/12/2015 8:52	R-1507100007	Turbidity		8.07	NTU				EPA 180.1
Mill Creek	River Mile 0.12	7/12/2015 12:00	R-1507100014	Turbidity		7.07	NTU				EPA 180.1
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Turbidity		7.63	NTU				EPA 180.1
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	V	j	3.93	ug/L	26-Jun-15	0.48	10	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	V		11.31	ug/L	30-Jun-15	0.48	10	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	V	j	0.858	ug/L	8-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	V	j	1.213	ug/L	8-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	V	<	0.48	ug/L	9-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	V	<	0.48	ug/L	24-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	Zn		35.96	ug/L	26-Jun-15	0.48	10	EPA-200.8
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Zn		120.4	ug/L	30-Jun-15	0.48	10	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Zn		41.7	ug/L	8-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Zn		41.1	ug/L	8-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Zn		45.26	ug/L	9-Jul-15	0.48	10	EPA-200.8
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Zn		23.3	ug/L	24-Jul-15	0.48	10	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	*CaCO3		177	mg/LCaCO3	26-Jun-15	1		EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	*CaCO3		167	mg/LCaCO3	30-Jun-15	1		EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	*CaCO3		137	mg/LCaCO3	8-Jul-15	1		EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	*CaCO3		166	mg/LCaCO3	22-Jul-15	1		EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	*CaCO3		140	mg/LCaCO3	24-Jul-15	1		EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Ag	<	0.018	ug/L	26-Jun-15	0.018	1	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Ag	<	0.018	ug/L	30-Jun-15	0.018	1	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Ag	<	0.018	ug/L	8-Jul-15	0.018	1	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Ag	<	0.018	ug/L	22-Jul-15	0.018	1	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Ag	<	0.018	ug/L	24-Jul-15	0.018	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Al		163.9	ug/L	26-Jun-15	1	10	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Al		255.6	ug/L	30-Jun-15	1	10	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Al		539.4	ug/L	8-Jul-15	1	10	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Al		260.4	ug/L	22-Jul-15	1	10	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Al		147.7	ug/L	24-Jul-15	1	10	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Alkalinity		126.1	mg/LCaCO3	19-Jun-15	1.6	10	EPA-310.2
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Alkalinity		110.2	mg/LCaCO3	25-Jun-15	1.6	10	EPA-310.2
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Alkalinity		91	mg/LCaCO3	6-Jul-15	1.6	10	EPA-310.2
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Alkalinity		97.8	mg/LCaCO3	9-Jul-15	1.6	10	EPA-310.2
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Alkalinity		93	mg/LCaCO3	16-Jul-15	1.6	10	EPA-310.2
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	As	j	0.706	ug/L	26-Jun-15	0.64	2	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	As	j	0.893	ug/L	30-Jun-15	0.64	2	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	As	j	1.337	ug/L	8-Jul-15	0.64	2	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	As	j	0.955	ug/L	22-Jul-15	0.64	2	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	As	<	0.64	ug/L	24-Jul-15	0.64	2	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Ва		27.18	ug/L	26-Jun-15	0.066	1	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Ва		26.32	ug/L	30-Jun-15	0.066	1	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Ва		22.48	ug/L	8-Jul-15	0.066	1	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Ва		25.7	ug/L	22-Jul-15	0.066	1	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Ва		20.47	ug/L	24-Jul-15	0.066	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05		Be	<	0.108	ug/L	26-Jun-15	0.108	1	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Be	<	0.108	ug/L	30-Jun-15	0.108	1	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Be	<	0.108	ug/L	8-Jul-15	0.108	1	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Be	<	0.108	ug/L	22-Jul-15	0.108	1	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43		Be	<	0.108	ug/L	24-Jul-15	0.108	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05		BOD	<	2	mg/L	18-Jun-15	2		SM 5210
West Creek	River Mile 2.10	6/24/2015 9:56		BOD	<	2	mg/L	25-Jun-15	2		SM 5210
West Creek	River Mile 2.10	7/1/2015 10:50		BOD	<	2	mg/L	1-Jul-15	2		SM 5210
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	BOD	<	2	mg/L	9-Jul-15	2		SM 5210
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	BOD	<	2	mg/L	15-Jul-15	2		SM 5210

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 2.10	6/17/2015 10:05	•	Ca		48140	ug/L	26-Jun-15	33.8	250	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Ca		46480	ug/L	30-Jun-15	33.8	250	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Ca		37580	ug/L	8-Jul-15	33.8	250	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Ca		44920	ug/L	22-Jul-15	33.8	250	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Ca		37490	ug/L	24-Jul-15	33.8	250	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Cd	j	0.09	ug/L	26-Jun-15	0.068	1	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Cd	j	0.071	ug/L	30-Jun-15	0.068	1	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Cd	j	0.078	ug/L	8-Jul-15	0.068	1	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Cd	<	0.068	ug/L	22-Jul-15	0.068	1	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Cd	<	0.068	ug/L	24-Jul-15	0.068	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Chloride		144.3	mg/L	1-Jul-15	1	5	EPA 300.0
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Chloride		124.3	mg/L	1-Jul-15	1	5	EPA 300.0
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Chloride		80.02	mg/L	15-Jul-15	1	5	EPA 300.0
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Chloride		127.1	mg/L	16-Jul-15	1	5	EPA 300.0
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Chloride		107.2	mg/L	31-Jul-15	1	5	EPA 300.0
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Co	j	0.616	ug/L	26-Jun-15	0.112	1	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Co	j	0.537	ug/L	30-Jun-15	0.112	1	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Co	j	0.88	ug/L	8-Jul-15	0.112	1	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Co	j	0.374	ug/L	22-Jul-15	0.112	1	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Co	j	0.291	ug/L	24-Jul-15	0.112	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05		COD		18	mg/L	19-Jun-15	4.9	10	EPA 410.4
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	COD		20.7	mg/L	26-Jun-15	4.9	10	EPA 410.4
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	COD		25.4	mg/L	2-Jul-15	4.9	10	EPA 410.4
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	COD		20.2	mg/L	9-Jul-15	4.9	10	EPA 410.4
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	COD		14.5	mg/L	20-Jul-15	4.9	10	EPA 410.4
West Creek	River Mile 2.10	6/17/2015 10:05		Conduct	HT	874	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Conduct		1070	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Conduct		587	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Conduct		783	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Conduct		677	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
West Creek	River Mile 2.10	6/17/2015 10:05		Cr		1.465	ug/L	26-Jun-15	0.098	1	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Cr		1.136	ug/L	30-Jun-15	0.098	1	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50		Cr		1.75	ug/L	8-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Cr Cr		1.821	ug/L	22-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Cr		1.427	ug/L	24-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05		Cu		19.01	ug/L	26-Jun-15	0.146	2	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56 7/1/2015 10:50		Cu		6.252	ug/L	30-Jun-15	0.146	2	EPA-200.8
West Creek	River Mile 2.10		R-1506300008	Cu		27.97 5.465	ug/L	8-Jul-15	0.146	2	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Cu		5.465	ug/L	22-Jul-15	0.146	2	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Cu		4.964	ug/L	24-Jul-15	0.146	2	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 2.10	6/17/2015 10:05		DRPhos		0.049	mg/L	17-Jun-15	0.003		EPA 365.1
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	DRPhos		0.041	mg/L	24-Jun-15	0.003		EPA 365.1
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	DRPhos		0.038	mg/L	1-Jul-15	0.003		EPA 365.1
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	DRPhos		0.048	mg/L	9-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	DRPhos		0.048	mg/L	16-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	E. coli		1538	MPN/100 mL	17-Jun-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	E. coli		2350	MPN/100 mL	24-Jun-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	E. coli		8262	MPN/100 mL	1-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	E. coli		5626	MPN/100 mL	8-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	7/9/2015 10:02	R-1505290010	E. coli		27520	MPN/100 mL	9-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	7/9/2015 14:01	R-1505290025	E. coli		73350	MPN/100 mL	10-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	7/10/2015 8:42	R-1506090009	E. coli		6282	MPN/100 mL	10-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	7/10/2015 13:27	R-1506090019	E. coli		3942	MPN/100 mL	10-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	E. coli		3466	MPN/100 mL	11-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	7/11/2015 11:02	R-1507090017	E. coli		5199	MPN/100 mL	11-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	7/12/2015 8:18	R-1507100009	E. coli		3466	MPN/100 mL	12-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	7/12/2015 11:30	R-1507100016	E. coli		2318	MPN/100 mL	12-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	E. coli		2421	MPN/100 mL	15-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Fe		410.6	ug/L	26-Jun-15	1	10	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Fe		543.2	ug/L	30-Jun-15	1	10	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Fe		979.3	ug/L	8-Jul-15	1	10	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Fe		486.9	ug/L	22-Jul-15	1	10	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Fe		395.7	ug/L	24-Jul-15	1	10	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05		Field Cond		743	umhos/cm				SM 2510A
West Creek	River Mile 2.10	6/17/2015 10:05		Field Cond		860	umhos/cm				SM 2510B
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Field Cond		688	umhos/cm				SM 2510A
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Field Cond		777	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Field Cond		495	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Field Cond		568	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Field Cond		667.4	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Field Cond		757.8	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/9/2015 10:02	R-1505290010	Field Cond		447	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/9/2015 10:02		Field Cond		504	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/9/2015 14:01		Field Cond		243	umhos/cm				SM 2510A
West Creek	River Mile 2.10		R-1505290025	Field Cond		264	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/10/2015 8:42		Field Cond		604.9	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/10/2015 8:42		Field Cond		685	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/10/2015 13:27		Field Cond		674.3	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/10/2015 13:27		Field Cond		735	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	Field Cond		723.8	umhos/cm				SM 2510A

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	Field Cond		853.2	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/11/2015 11:02	R-1507090017	Field Cond		647.6	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/11/2015 11:02	R-1507090017	Field Cond		732.3	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/12/2015 8:18	R-1507100009	Field Cond		476	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/12/2015 8:18	R-1507100009	Field Cond		544	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/12/2015 11:30	R-1507100016	Field Cond		859	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/12/2015 11:30	R-1507100016	Field Cond		952	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Field Cond		605.4	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Field Cond		671.4	umhos/cm				SM 2510B
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Field DO		9.03	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Field DO		95.3	%				
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Field DO	ΑE		mg/L				SM 4500-0 G
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Field DO			%				
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Field DO		8.86	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/1/2015 10:50		Field DO		93.9	%				
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Field DO		8.73	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Field DO		93.8	%				
West Creek	River Mile 2.10	7/9/2015 10:02		Field DO		8.89	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/9/2015 10:02		Field DO		96.1	%				
West Creek	River Mile 2.10	7/9/2015 14:01		Field DO		8.79	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/9/2015 14:01		Field DO		93	%				
West Creek	River Mile 2.10	7/10/2015 8:42		Field DO		8.93	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/10/2015 8:42		Field DO		96.2	%				
West Creek	River Mile 2.10	7/10/2015 13:27		Field DO		8.74	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/10/2015 13:27		Field DO		97	%				
West Creek	River Mile 2.10	7/11/2015 8:16		Field DO		9.24	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/11/2015 8:16		Field DO		95.9	%				
West Creek	River Mile 2.10	7/11/2015 11:02		Field DO		9.29	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/11/2015 11:02		Field DO			%				
West Creek	River Mile 2.10	7/12/2015 8:18		Field DO		8.66	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/12/2015 8:18		Field DO		92.4	%				
West Creek	River Mile 2.10	7/12/2015 11:30		Field DO		8.08	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/12/2015 11:30		Field DO		88.8	%				SNA 4500 0 G
West Creek	River Mile 2.10	7/15/2015 9:43		Field DO		8.7	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/15/2015 9:43		Field DO		95.6	%				EDA 470.4
West Creek	River Mile 2.10	6/17/2015 10:05		Field Temp		17.8	C				EPA 170.1
West Creek	River Mile 2.10	6/24/2015 9:56		Field Temp		19	С				EPA 170.1
West Creek	River Mile 2.10	7/1/2015 10:50		Field Temp		18.3	С				EPA 170.1
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Field Temp		18.7	C				EPA 170.1
West Creek	River Mile 2.10	7/9/2015 10:02	K-1505290010	Field Temp		19.1	С				EPA 170.1

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 2.10	7/9/2015 14:01	R-1505290025	Field Temp		20	С				EPA 170.1
West Creek	River Mile 2.10	7/10/2015 8:42	R-1506090009	Field Temp		18.8	С				EPA 170.1
West Creek	River Mile 2.10	7/10/2015 13:27	R-1506090019	Field Temp		20.6	С				EPA 170.1
West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	Field Temp		17	С				EPA 170.1
West Creek	River Mile 2.10	7/11/2015 11:02	R-1507090017	Field Temp		18.9	С				EPA 170.1
West Creek	River Mile 2.10	7/12/2015 8:18	R-1507100009	Field Temp		18.4	С				EPA 170.1
West Creek	River Mile 2.10	7/12/2015 11:30	R-1507100016	Field Temp		19.8	С				EPA 170.1
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Field Temp		19.8	С				EPA 170.1
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Hg	<	0.006	ug/L	23-Jun-15	0.006	0.05	EPA 245.1
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Hg	<	0.006	ug/L	30-Jun-15	0.006	0.05	EPA 245.1
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Hg	j	0.007	ug/L	8-Jul-15	0.006	0.05	EPA 245.1
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Hg	<	0.006	ug/L	16-Jul-15	0.006	0.05	EPA 245.1
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Hg	<	0.006	ug/L	16-Jul-15	0.006	0.05	EPA 245.1
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	K		4317	ug/L	26-Jun-15	7.4	250	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	K		4502	ug/L	30-Jun-15	7.4	250	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	K		4000	ug/L	8-Jul-15	7.4	250	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	K		4190	ug/L	22-Jul-15	7.4	250	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	K		3616	ug/L	24-Jul-15	7.4	250	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Mg		13890	ug/L	26-Jun-15	4.2	250	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Mg		12320	ug/L	30-Jun-15	4.2	250	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Mg		10530	ug/L	8-Jul-15	4.2	250	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Mg		13220	ug/L	22-Jul-15	4.2	250	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Mg		11330	ug/L	24-Jul-15	4.2	250	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Mn		12.81	ug/L	26-Jun-15	0.114	2	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Mn		11.78	ug/L	30-Jun-15	0.114	2	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Mn		21.5	ug/L	8-Jul-15	0.114	2	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Mn		9.811	ug/L	22-Jul-15	0.114	2	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Mn		7.55	ug/L	24-Jul-15	0.114	2	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05		Mo		3.28	ug/L	26-Jun-15	0.034	1	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56		Mo		3.246	ug/L	30-Jun-15	0.034	1	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50		Mo		2.523	ug/L	8-Jul-15	0.034	1	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Mo		3.495	ug/L	22-Jul-15	0.034	1	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Мо		3.158	ug/L	24-Jul-15	0.034	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05		Na		93720	ug/L	26-Jun-15	27.8	250	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56		Na		82740	ug/L	30-Jun-15	27.8	250	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50		Na		65310	ug/L	8-Jul-15	27.8	250	EPA-200.8
West Creek	River Mile 2.10		R-1507070008	Na		92670	ug/L	22-Jul-15	27.8	250	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43		Na		77560	ug/L	24-Jul-15		250	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05		NH3		0.039	mg/L	19-Jun-15	0.002		EPA-350.1
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	NH3		0.027	mg/L	26-Jun-15	0.002	0.02	EPA-350.1

West Creek River Mile 2.10 71/2/015 10:50 R-1506300008 NH3 0.177 mg/L 9-Jul-15 0.002 0.02 EPA-350.1	Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek River Mile 2.10	West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	NH3		0.177	mg/L	9-Jul-15	0.002	0.02	EPA-350.1
West Creek River Mile 2.10 7/10/2015 14:01 R.1505290025 NH3 J 0.01 mg/L 22-Jul-15 0.002 0.02 EPA-350.1	West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	NH3		0.022	mg/L	22-Jul-15	0.002	0.02	EPA-350.1
West Creek River Mile 2.10 7/10/2015 8:42 R-1506090009 NH3 J 0.015 mg/L 23-Jul-15 0.002 0.02 EPA-350.1	West Creek	River Mile 2.10	7/9/2015 10:02	R-1505290010	NH3		0.058	mg/L	22-Jul-15	0.002	0.02	EPA-350.1
West Creek River Mile 2.10 7/10/2015 13:27 R-150G09019 NH3 J 0.015 mg/L 23-Jul-15 0.002 0.02 EPA-350.1 West Creek River Mile 2.10 7/11/2015 8:16 R-1507090009 NH3 J 0.014 mg/L 23-Jul-15 0.002 0.02 EPA-350.1 West Creek River Mile 2.10 7/11/2015 11:30 R-150710009 NH3 J 0.018 mg/L 24-Jul-15 0.002 0.02 EPA-350.1 West Creek River Mile 2.10 7/12/2015 11:30 R-150710009 NH3 J 0.016 mg/L 24-Jul-15 0.002 0.02 EPA-350.1 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NH3 J 0.03 mg/L 29-Jul-15 0.002 0.02 EPA-350.1 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NI 7.006 ug/L 29-Jul-15 0.032 4 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 <t< td=""><td>West Creek</td><td>River Mile 2.10</td><td>7/9/2015 14:01</td><td>R-1505290025</td><td>NH3</td><td></td><td>0.128</td><td>mg/L</td><td>22-Jul-15</td><td>0.002</td><td>0.02</td><td>EPA-350.1</td></t<>	West Creek	River Mile 2.10	7/9/2015 14:01	R-1505290025	NH3		0.128	mg/L	22-Jul-15	0.002	0.02	EPA-350.1
West Creek River Mile 2.10 7/11/2015 11:02 R-15070900017 NH3 0.066 mg/L 23-Jul-15 0.002 0.02 EPA-350.1	West Creek	River Mile 2.10	7/10/2015 8:42	R-1506090009	NH3	j	0.01	mg/L	23-Jul-15	0.002	0.02	EPA-350.1
West Creek River Mile 2.10 7/11/2015 11:02 R-150790007 NH3 0.016 mg/L 24-Jul-15 0.002 0.02 EPA-350.1	West Creek	River Mile 2.10	7/10/2015 13:27	R-1506090019	NH3	j	0.015	mg/L	23-Jul-15	0.002	0.02	EPA-350.1
West Creek River Mile 2.10 7/12/2015 8:18 R:1507100009 NH3 j 0.016 mg/L 24-Jul-15 0.002 .02 EPA-350.1 West Creek River Mile 2.10 7/12/2015 1:30 R:1507140009 NH3 0.133 mg/L 24-Jul-15 0.002 0.02 EPA-350.1 West Creek River Mile 2.10 6/17/2015 10:05 R:1506150021 Ni 7.006 ug/L 25-Jul-15 0.032 4 EPA-200.8 West Creek River Mile 2.10 6/12/2015 9:48 R:1506160004 Ni 5.392 ug/L 25-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/1/2015 10:55 R:1506300008 Ni 5.868 ug/L 23-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/3/2015 9:48 R:15007140009 Ni 4.061 ug/L 23-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 6/17/2015 10:05 R:15007140009 NO2 0.001 mg/L	West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	NH3	j	0.014	mg/L	23-Jul-15	0.002	0.02	EPA-350.1
West Creek River Mile 2.10 7/12/2015 11:30 R-1507100016 NH3 j 0.016 mg/L 24-Jul-15 0.002 0.02 EPA-350.1 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NH3 0.033 mg/L 29-Jul-15 0.002 0.02 EPA-350.1 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 Ni 5.392 ug/L 30-Jun-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/13/2015 9:45 R-1506300008 Ni 5.868 ug/L 8-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507100008 Ni 4.061 ug/L 24-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507100008 Ni j 3.37 ug/L 24-Jul-15 0.01 0.02 SM 4500-NO2-8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507100008 NO2 0.021	West Creek	River Mile 2.10	7/11/2015 11:02	R-1507090017	NH3		0.066	mg/L	24-Jul-15	0.002	0.02	EPA-350.1
West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NH3 0.133 mg/L 29-Jul-15 0.002 0.02 EPA-350.1 West Creek River Mile 2.10 6/12/2015 9:56 R-1506150001 Ni 7.006 ug/L 26-Jun-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/12/2015 10:50 R-1506300008 Ni 5.868 ug/L 8-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/8/2015 9:45 R-1500700008 Ni 4.061 ug/L 22-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Ni 3.0 0.01 mg/L 22-Jul-15 0.032 4 EPA-200.8 West Creek River Mile 2.10 6/17/2015 10:50 R-1506150001 NO2 0.001 mg/L 24-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/12/2015 10:50 R-1506150000 NO2 0.001 mg/L<	West Creek	River Mile 2.10	7/12/2015 8:18	R-1507100009	NH3	j	0.018	mg/L	24-Jul-15	0.002	0.02	EPA-350.1
West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 Ni 7.006 ug/L 26-Jun-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 Ni 5.392 ug/L 30-Jun-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 Ni 4.061 ug/L 22-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Ni 3.37 ug/L 24-Jul-15 0.013 4 EPA-200.8 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO2 j 0.012 mg/L 24-Jun-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO2 0.014 mg/L 1-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO2	West Creek	River Mile 2.10	7/12/2015 11:30	R-1507100016	NH3	j	0.016	mg/L	24-Jul-15	0.002	0.02	EPA-350.1
West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 Ni 5.392 ug/L 30-Jun-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 Ni 5.868 ug/L 8-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Ni j 3.37 ug/L 24-Jul-15 0.012 4 EPA-200.8 West Creek River Mile 2.10 6/17/2015 10:55 R-1506150021 NO2 0.001 mg/L 24-Jul-15 0.001 0.02 SM 4500-NO2-8 West Creek River Mile 2.10 6/12/2015 9:56 R-1506160004 NO2 0.011 mg/L 1-Jul-15 0.001 0.02 SM 4500-NO2-8 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 NO2 0.014 mg/L 1-Jul-15 0.001 0.02 SM 4500-NO2-8 West Creek River Mile 2.10 7/15/2015 9:43 R-1506160004 NO3 0.9	West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	NH3		0.133	mg/L	29-Jul-15	0.002	0.02	EPA-350.1
West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 Ni 5.868 ug/L 8-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/8/2015 9:43 R-1507070008 Ni 4.061 ug/L 22-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Ni j 3.37 ug/L 24-Jul-15 0.013 4 EPA-200.8 West Creek River Mile 2.10 6/24/2015 9:58 R-1506150021 NO2 0.001 mg/L 24-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/8/2015 9:45 R-1506300008 NO2 0.021 mg/L 19-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO2 0.001 mg/L 19-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3 <td>West Creek</td> <td>River Mile 2.10</td> <td>6/17/2015 10:05</td> <td>R-1506150021</td> <td>Ni</td> <td></td> <td>7.006</td> <td>ug/L</td> <td>26-Jun-15</td> <td>0.132</td> <td>4</td> <td>EPA-200.8</td>	West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Ni		7.006	ug/L	26-Jun-15	0.132	4	EPA-200.8
West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 Ni 4.061 ug/L 22-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Ni j 3.37 ug/L 24-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO2 < 0.001 mg/L 24-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/12/15 10:50 R-1506300008 NO2 0.021 mg/L 1-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO2 0.001 mg/L 1-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/15/2015 9:43 R-1506160004 NO3 0.926 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/2/2015 10:05 R-1506160004 NO	West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Ni		5.392	ug/L	30-Jun-15	0.132	4	EPA-200.8
West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Ni j 3.37 ug/L 24-Jul-15 0.132 4 EPA-200.8 West Creek River Mile 2.10 6/24/2015 10:05 R-1506150021 NO2 < 0.001 mg/L 17-Jun-15 0.001 0.02 SM 4500-NO2-8 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO2 j 0.011 mg/L 24-Jun-15 0.001 0.02 SM 4500-NO2-8 West Creek River Mile 2.10 7/18/2015 9:45 R-150770008 NO2 j 0.014 mg/L 1-Jul-15 0.001 0.02 SM 4500-NO2-8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO2 0.001 mg/L 15-Jul-15 0.001 0.02 SM 4500-NO2-8 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3 0.956 mg/L 15-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:45<	West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Ni		5.868	ug/L	8-Jul-15	0.132	4	EPA-200.8
West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO2 < 0.001 mg/L 17-Jun-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO2 j 0.021 mg/L 24-Jun-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO2 j 0.014 mg/L 1-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/8/2015 9:43 R-1507140009 NO2 < 0.001 mg/L 15-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 6/17/2015 10:50 R-1506150021 NO3 0.926 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/12/2015 10:50 R-1506100004 NO3 0.959 mg/L 26-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-150770008 </td <td>West Creek</td> <td>River Mile 2.10</td> <td>7/8/2015 9:45</td> <td>R-1507070008</td> <td>Ni</td> <td></td> <td>4.061</td> <td>ug/L</td> <td>22-Jul-15</td> <td>0.132</td> <td>4</td> <td>EPA-200.8</td>	West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Ni		4.061	ug/L	22-Jul-15	0.132	4	EPA-200.8
West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO2 j 0.012 mg/L 24-Jun-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/12/2015 10:50 R-1506300008 NO2 0.021 mg/L 1-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO2 j 0.014 mg/L 18-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3 0.926 mg/L 19-Jun-15 0.003 0.02 SM 4500-NO2-B West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3 0.926 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/12/15 10:50 R-1506150004 NO3 0.707 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507070008 NO3 </td <td>West Creek</td> <td>River Mile 2.10</td> <td>7/15/2015 9:43</td> <td>R-1507140009</td> <td>Ni</td> <td>j</td> <td>3.37</td> <td>ug/L</td> <td>24-Jul-15</td> <td>0.132</td> <td>4</td> <td>EPA-200.8</td>	West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Ni	j	3.37	ug/L	24-Jul-15	0.132	4	EPA-200.8
West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 NO2 0.021 mg/L 1-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/8/2015 9:43 R-1507070008 NO2 j 0.014 mg/L 8-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/15/2015 9:43 R-1506150021 NO3 0.926 mg/L 15-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 6/17/2015 10:50 R-1506150021 NO3 0.926 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/24/2015 9:56 R-1506300008 NO3 0.707 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-15070700008 NO3 0.874 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3+NO2 0.9	West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	NO2	<	0.001	mg/L	17-Jun-15	0.001	0.02	SM 4500-NO2-B
West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO2 j 0.014 mg/L 8-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO2 < 0.001 mg/L 15-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 6/17/2015 10:50 R-1506150021 NO3 0.926 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/12/4/2015 9:56 R-1506300008 NO3 0.707 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO3 0.874 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3 +NO2 0.912 mg/L 16-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:55 R-1506150001 NO3+NO2	West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	NO2	j	0.012	mg/L	24-Jun-15	0.001	0.02	SM 4500-NO2-B
West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO2 < 0.001 mg/L 15-Jul-15 0.001 0.02 SM 4500-NO2-B West Creek River Mile 2.10 6/17/2015 10:50 R-1506150021 NO3 0.926 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO3 0.959 mg/L 26-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:45 R-1507070008 NO3 0.707 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO3 0.681 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3+NO2 0.912 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/24/2015 9:56 R-15061500021 NO3+NO2 0.912 <th< td=""><td>West Creek</td><td>River Mile 2.10</td><td>7/1/2015 10:50</td><td>R-1506300008</td><td>NO2</td><td></td><td>0.021</td><td>mg/L</td><td>1-Jul-15</td><td>0.001</td><td>0.02</td><td>SM 4500-NO2-B</td></th<>	West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	NO2		0.021	mg/L	1-Jul-15	0.001	0.02	SM 4500-NO2-B
West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3 0.926 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO3 0.959 mg/L 26-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 NO3 0.707 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/8/2015 9:45 R-1507740009 NO3 0.681 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3 0.681 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3+NO2 0.912 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/1/2015 10:05 R-1506300008 NO3+NO2 0.972 mg/L </td <td>West Creek</td> <td>River Mile 2.10</td> <td>7/8/2015 9:45</td> <td>R-1507070008</td> <td>NO2</td> <td>j</td> <td>0.014</td> <td>mg/L</td> <td>8-Jul-15</td> <td>0.001</td> <td>0.02</td> <td>SM 4500-NO2-B</td>	West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	NO2	j	0.014	mg/L	8-Jul-15	0.001	0.02	SM 4500-NO2-B
West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO3 0.959 mg/L 26-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 NO3 0.707 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO3 0.874 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3 0.681 mg/L 16-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3+NO2 0.912 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/1/2015 10:05 R-1506160004 NO3+NO2 0.972 mg/L 26-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 NO3+NO2 0.728 mg/	West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	NO2	<	0.001	mg/L	15-Jul-15	0.001	0.02	SM 4500-NO2-B
West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 NO3 0.707 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO3 0.874 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3 0.681 mg/L 16-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3+NO2 0.912 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO3+NO2 0.972 mg/L 26-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/12/2015 10:50 R-1506300008 NO3+NO2 0.728 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507070008 NO3+NO2 0.891 <th< td=""><td>West Creek</td><td>River Mile 2.10</td><td>6/17/2015 10:05</td><td>R-1506150021</td><td>NO3</td><td></td><td>0.926</td><td>mg/L</td><td>19-Jun-15</td><td>0.003</td><td>0.02</td><td>EPA 353.2</td></th<>	West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	NO3		0.926	mg/L	19-Jun-15	0.003	0.02	EPA 353.2
West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO3 0.874 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3 0.681 mg/L 16-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3+NO2 0.912 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO3+NO2 0.972 mg/L 26-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 NO3+NO2 0.728 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO3+NO2 0.891 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3+NO2 0.677	West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	NO3		0.959	mg/L	26-Jun-15	0.003	0.02	EPA 353.2
West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3 0.681 mg/L 16-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3+NO2 0.912 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO3+NO2 0.972 mg/L 26-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 NO3+NO2 0.728 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO3+NO2 0.891 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3+NO2 0.677 mg/L 16-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 Pb j <td< td=""><td>West Creek</td><td>River Mile 2.10</td><td>7/1/2015 10:50</td><td>R-1506300008</td><td>NO3</td><td></td><td>0.707</td><td>mg/L</td><td>9-Jul-15</td><td>0.003</td><td>0.02</td><td>EPA 353.2</td></td<>	West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	NO3		0.707	mg/L	9-Jul-15	0.003	0.02	EPA 353.2
West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 NO3+NO2 0.912 mg/L 19-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO3+NO2 0.972 mg/L 26-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 NO3+NO2 0.728 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/8/2015 9:45 R-1507700008 NO3+NO2 0.891 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3+NO2 0.677 mg/L 16-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 Pb j 0.584 ug/L 26-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 Pb 1.0	West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	NO3		0.874	mg/L	31-Jul-15	0.003	0.02	EPA 353.2
West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 NO3+NO2 0.972 mg/L 26-Jun-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 NO3+NO2 0.728 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO3+NO2 0.891 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3+NO2 0.677 mg/L 16-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 Pb j 0.584 ug/L 26-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 Pb j 0.892 ug/L 30-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 Pb	West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	NO3		0.681	mg/L	16-Jul-15	0.003	0.02	EPA 353.2
West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 NO3+NO2 0.728 mg/L 9-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO3+NO2 0.891 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3+NO2 0.677 mg/L 16-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 Pb j 0.584 ug/L 26-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/24/2015 9:56 R-1506300008 Pb 2.188 ug/L 30-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 Pb 1.023 ug/L 22-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Pb j 0.	West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	NO3+NO2		0.912	mg/L	19-Jun-15	0.003	0.02	EPA 353.2
West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 NO3+NO2 0.891 mg/L 31-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3+NO2 0.677 mg/L 16-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 Pb j 0.584 ug/L 26-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 Pb j 0.892 ug/L 30-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 Pb 1.023 ug/L 22-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Pb j 0.537 ug/L 24-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 pH	West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	NO3+NO2		0.972	mg/L	26-Jun-15	0.003	0.02	EPA 353.2
West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 NO3+NO2 0.677 mg/L 16-Jul-15 0.003 0.02 EPA 353.2 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 Pb j 0.584 ug/L 26-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 Pb j 0.892 ug/L 30-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 Pb 1.023 ug/L 22-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Pb j 0.537 ug/L 24-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 pH 8.09 S.U. West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 pH 8.04 S.U. West Creek R	West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	NO3+NO2		0.728	mg/L	9-Jul-15	0.003	0.02	EPA 353.2
West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 Pb j 0.584 ug/L 26-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 Pb j 0.892 ug/L 30-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 Pb 2.188 ug/L 8-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 Pb 1.023 ug/L 22-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Pb j 0.537 ug/L 24-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 pH 8.09 S.U. West Creek River Mile 2.10 6/24/2015 9:56 R-1506300008 pH 8.04 S.U. West Creek River Mile	West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	NO3+NO2		0.891	mg/L	31-Jul-15			
West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 Pb j 0.892 ug/L 30-Jun-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 Pb 2.188 ug/L 8-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 Pb 1.023 ug/L 22-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Pb j 0.537 ug/L 24-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 pH 8.09 S.U. West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 pH 8.04 S.U. West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 pH 8.06 S.U.	West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	NO3+NO2		0.677	mg/L	16-Jul-15	0.003	0.02	EPA 353.2
West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 Pb 2.188 ug/L 8-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 Pb 1.023 ug/L 22-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Pb j 0.537 ug/L 24-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 pH 8.09 S.U. West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 pH 8.04 S.U. West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 pH 8.06 S.U.	West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021		j	0.584	ug/L	26-Jun-15		1	EPA-200.8
West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 Pb 1.023 ug/L 22-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Pb j 0.537 ug/L 24-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 pH 8.09 S.U. West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 pH 8.04 S.U. West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 pH 8.06 S.U.	West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Pb	j	0.892	ug/L	30-Jun-15	0.116	1	EPA-200.8
West Creek River Mile 2.10 7/15/2015 9:43 R-1507140009 Pb j 0.537 ug/L 24-Jul-15 0.116 1 EPA-200.8 West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 pH 8.09 S.U. West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 pH 8.04 S.U. West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 pH 8.06 S.U.	West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Pb		2.188	ug/L	8-Jul-15	0.116	1	EPA-200.8
West Creek River Mile 2.10 6/17/2015 10:05 R-1506150021 pH 8.09 S.U. West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 pH 8.04 S.U. West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 pH 8.06 S.U.				R-1507070008							1	
West Creek River Mile 2.10 6/24/2015 9:56 R-1506160004 pH 8.04 S.U. West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 pH 8.06 S.U.					Pb	j			24-Jul-15	0.116	1	EPA-200.8
West Creek River Mile 2.10 7/1/2015 10:50 R-1506300008 pH 8.06 S.U.		River Mile 2.10		R-1506150021								
·												
West Creek River Mile 2.10 7/8/2015 9:45 R-1507070008 pH 8.08 S.U.					рН							
	West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	рН		8.08	S.U.				

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 2.10	7/9/2015 10:02	R-1505290010	рН		8.02	S.U.				
West Creek	River Mile 2.10	7/9/2015 14:01	R-1505290025	pН		7.99	S.U.				
West Creek	River Mile 2.10	7/10/2015 8:42	R-1506090009	pH		8.09	S.U.				
West Creek	River Mile 2.10	7/10/2015 13:27	R-1506090019	рН		8.23	S.U.				
West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	рН		8.09	S.U.				
West Creek	River Mile 2.10	7/11/2015 11:02	R-1507090017	рН		8.18	S.U.				
West Creek	River Mile 2.10	7/12/2015 8:18	R-1507100009	рН		8.05	S.U.				
West Creek	River Mile 2.10	7/12/2015 11:30	R-1507100016	рН		8.19	S.U.				
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	рН		8.13	S.U.				
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Sb	j	0.528	ug/L	26-Jun-15	0.036	1	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Sb	j	0.532	ug/L	30-Jun-15	0.036	1	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Sb	j	0.562	ug/L	8-Jul-15	0.036	1	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Sb	j	0.523	ug/L	22-Jul-15	0.036	1	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Sb	j	0.488	ug/L	24-Jul-15	0.036	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Se	<	0.76	ug/L	26-Jun-15	0.76	5	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Se	<	0.76	ug/L	30-Jun-15	0.76	5	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Se	<	0.76	ug/L	8-Jul-15	0.76	5	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Se	<	0.76	ug/L	22-Jul-15	0.76	5	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Se	<	0.76	ug/L	24-Jul-15	0.76	5	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Sn	j	0.417	ug/L	26-Jun-15	0.162	1	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Sn	<	0.162	ug/L	30-Jun-15	0.162	1	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Sn	<	0.162	ug/L	8-Jul-15	0.162	1	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Sn		1.211	ug/L	22-Jul-15	0.162	1	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Sn	<	0.162	ug/L	24-Jul-15	0.162	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	SO4		67.54	mg/L	1-Jul-15	0.5	5	EPA 300.0
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	SO4		64.41	mg/L	1-Jul-15	0.5	5	EPA 300.0
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	SO4		45.72	mg/L	15-Jul-15	0.5	5	EPA 300.0
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	SO4		63.94	mg/L	16-Jul-15	0.5	5	EPA 300.0
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	SO4		53.37	mg/L	31-Jul-15	0.5	5	EPA 300.0
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Sr		241.787	ug/L	26-Jun-15	0.098	1	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56		Sr		227.454	ug/L	30-Jun-15	0.098	1	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50		Sr		175.88	ug/L	8-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Sr		232.049	ug/L	22-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43		Sr		185.522	ug/L	24-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05		TDS		486	mg/L	19-Jun-15	1	5	SM2540C
West Creek	River Mile 2.10	6/24/2015 9:56		TDS		448	mg/L	25-Jun-15	1	5	SM2540C
West Creek	River Mile 2.10	7/1/2015 10:50		TDS		336	mg/L	2-Jul-15	1	5	SM2540C
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	TDS		426	mg/L	8-Jul-15	1	5	SM2540C
West Creek	River Mile 2.10	7/15/2015 9:43		TDS		396	mg/L	17-Jul-15	1	5	SM2540C
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Ti		2.075	ug/L	26-Jun-15	0.142	2	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Ti		4.123	ug/L	30-Jun-15	0.142	2	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Ti		5.788	ug/L	8-Jul-15	0.142	2	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Ti		5.965	ug/L	22-Jul-15	0.142	2	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Ti		2.347	ug/L	24-Jul-15	0.142	2	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	TKN		0.556	mg/L	18-Jun-15	0.081	0.5	EPA-351.1
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	TKN		0.591	mg/L	26-Jun-15	0.081	0.5	EPA-351.1
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	TKN		0.712	mg/L	14-Jul-15	0.081	0.5	EPA-351.1
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	TKN		0.518	mg/L	23-Jul-15	0.081	0.5	EPA-351.1
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	TKN	j	0.388	mg/L	23-Jul-15	0.081	0.5	EPA-351.1
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	TI	j	0.08	ug/L	26-Jun-15	0.014	1	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	TI	j	0.082	ug/L	30-Jun-15	0.014	1	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	TI	j	0.079	ug/L	8-Jul-15	0.014	1	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	TI	j	0.08	ug/L	22-Jul-15	0.014	1	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	TI	j	0.062	ug/L	24-Jul-15	0.014	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	TMET		35.6	ug/L	26-Jun-15	10		EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	TMET		19.6	ug/L	30-Jun-15	10		EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	TMET		57.7	ug/L	8-Jul-15	10		EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	TMET		16.7	ug/L	22-Jul-15	10		EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	TMET		14	ug/L	24-Jul-15	10		EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Total-P		0.068	mg/L	18-Jun-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Total-P		0.069	mg/L	26-Jun-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Total-P		0.084	mg/L	6-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Total-P		0.07	mg/L	9-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/9/2015 10:02	R-1505290010	Total-P		0.104	mg/L	10-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/9/2015 14:01	R-1505290025	Total-P		0.433	mg/L	16-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/10/2015 8:42	R-1506090009	Total-P		0.076	mg/L	16-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/10/2015 13:27	R-1506090019	Total-P		0.071	mg/L	16-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	Total-P		0.064	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/11/2015 11:02		Total-P		0.064	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/12/2015 8:18		Total-P		0.065	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/12/2015 11:30		Total-P		0.069	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	7/15/2015 9:43		Total-P		0.069	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	TS		526	mg/L	18-Jun-15	1	5	SM2540B
West Creek	River Mile 2.10	6/24/2015 9:56		TS		464	mg/L	25-Jun-15	1	5	SM2540B
West Creek	River Mile 2.10	7/1/2015 10:50		TS		386	mg/L	1-Jul-15	1	5	SM2540B
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	TS		466	mg/L	8-Jul-15	1	5	SM2540B
West Creek	River Mile 2.10	7/15/2015 9:43		TS		404	mg/L	17-Jul-15	1	5	SM2540B
West Creek	River Mile 2.10	6/17/2015 10:05		TSS		2.4	mg/L	18-Jun-15	0.5	1	SM2540D
West Creek	River Mile 2.10	6/24/2015 9:56		TSS		5.4	mg/L	25-Jun-15	0.5	1	SM2540D
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	TSS		14.8	mg/L	1-Jul-15	0.5	1	SM2540D

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	TSS		7	mg/L	8-Jul-15	0.5	1	SM2540D
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	TSS		4.5	mg/L	15-Jul-15	0.5	1	SM2540D
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Turbidity		5.85	NTU				EPA 180.1
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Turbidity		12.7	NTU				EPA 180.1
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Turbidity		64.2	NTU				EPA 180.1
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Turbidity		8.93	NTU				EPA 180.1
West Creek	River Mile 2.10	7/9/2015 10:02	R-1505290010	Turbidity		30.3	NTU				EPA 180.1
West Creek	River Mile 2.10	7/9/2015 14:01	R-1505290025	Turbidity		164	NTU				EPA 180.1
West Creek	River Mile 2.10	7/10/2015 8:42	R-1506090009	Turbidity		11.8	NTU				EPA 180.1
West Creek	River Mile 2.10	7/10/2015 13:27	R-1506090019	Turbidity		7.18	NTU				EPA 180.1
West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	Turbidity		2.95	NTU				EPA 180.1
West Creek	River Mile 2.10	7/11/2015 11:02	R-1507090017	Turbidity		2.96	NTU				EPA 180.1
West Creek	River Mile 2.10	7/12/2015 8:18	R-1507100009	Turbidity		2.08	NTU				EPA 180.1
West Creek	River Mile 2.10	7/12/2015 11:30	R-1507100016	Turbidity		2.19	NTU				EPA 180.1
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Turbidity		6.5	NTU				EPA 180.1
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	V	<	0.48	ug/L	26-Jun-15	0.48	10	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	V	<	0.48	ug/L	30-Jun-15	0.48	10	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	V	<	0.48	ug/L	8-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	V	<	0.48	ug/L	22-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	V	<	0.48	ug/L	24-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Zn	j	8.098	ug/L	26-Jun-15	0.48	10	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Zn	j	6.84	ug/L	30-Jun-15	0.48	10	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Zn		22.14	ug/L	8-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	R-1507070008	Zn	j	5.386	ug/L	22-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Zn	j	4.268	ug/L	24-Jul-15	0.48	10	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	*CaCO3		225	mg/LCaCO3	26-Jun-15	1		EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	*CaCO3		196	mg/LCaCO3	30-Jun-15	1		EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	*CaCO3		165	mg/LCaCO3	8-Jul-15	1		EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	*CaCO3		192	mg/LCaCO3	22-Jul-15	1		EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	*CaCO3		173	mg/LCaCO3	24-Jul-15	1		EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	*CaCO3		171	mg/LCaCO3	21-Jul-15	1		EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Ag	<	0.018	ug/L	26-Jun-15	0.018	1	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Ag	<	0.018	ug/L	30-Jun-15	0.018	1	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Ag	j	0.02	ug/L	8-Jul-15	0.018	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Ag	<	0.018	ug/L	22-Jul-15	0.018	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Ag	<	0.018	ug/L	24-Jul-15	0.018	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Ag	<	0.018	ug/L	21-Jul-15	0.018	1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Al		651.3	ug/L	26-Jun-15	1	10	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Al		538.6	ug/L	30-Jun-15	1	10	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Al		736.3	ug/L	8-Jul-15	1	10	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Al		357.1	ug/L	22-Jul-15	1	10	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Al		167.9	ug/L	24-Jul-15	1	10	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Al		169	ug/L	21-Jul-15	1	10	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Alkalinity		143.8	mg/LCaCO3	19-Jun-15	1.6	10	EPA-310.2
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Alkalinity		119.6	mg/LCaCO3	25-Jun-15	1.6	10	EPA-310.2
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Alkalinity		109.7	mg/LCaCO3	6-Jul-15	1.6	10	EPA-310.2
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Alkalinity		114.2	mg/LCaCO3	9-Jul-15	1.6	10	EPA-310.2
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Alkalinity		108.7	mg/LCaCO3	16-Jul-15	1.6	10	EPA-310.2
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Alkalinity		112.4	mg/LCaCO3	16-Jul-15	1.6	10	EPA-310.2
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	As	j	1.476	ug/L	26-Jun-15	0.64	2	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	As	J ·	1.436	ug/L	30-Jun-15	0.64	2	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	As	J ·	1.873	ug/L	8-Jul-15	0.64	2	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	As	J :	1.339	ug/L	22-Jul-15	0.64	2	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	As	J :	1.201	ug/L	24-Jul-15	0.64	2	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013 R-1506150019	As	j	0.748	ug/L	21-Jul-15	0.64	2	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25		Ba		38.52	ug/L	26-Jun-15	0.066 0.066	1	EPA-200.8
West Creek West Creek	River Mile 0.20 River Mile 0.20	6/24/2015 8:50 7/1/2015 10:20	R-1506160002 R-1506300006	Ba Ba		33.5 27.71	ug/L	30-Jun-15 8-Jul-15	0.066	1 1	EPA-200.8 EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1500300000	Ва		31.3	ug/L	22-Jul-15	0.066		EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:10	R-1507070000 R-1507140007	Ва		26.47	ug/L	24-Jul-15 24-Jul-15	0.066	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007 R-1507140013	Ва		25.85	ug/L ug/L	24-Jul-15 21-Jul-15	0.066	1 1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25		Ве	<	0.108	ug/L ug/L	21-Jul-15 26-Jun-15	0.108	1	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Be	<	0.108	ug/L ug/L	30-Jun-15	0.108	1	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Be	<	0.108	ug/L	8-Jul-15	0.108	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Be	<	0.108	ug/L	22-Jul-15	0.108	1	EPA-200.8
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Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Be	<	0.108	ug/L	24-Jul-15	0.108	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Be	<	0.108	ug/L	21-Jul-15	0.108	1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	BOD	<	2	mg/L	18-Jun-15	2		SM 5210
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	BOD		2	mg/L	24-Jun-15	2		SM 5210
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	BOD	<	2	mg/L	1-Jul-15	2		SM 5210
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	BOD		2.1	mg/L	9-Jul-15	2		SM 5210
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	BOD	<	2	mg/L	15-Jul-15	2		SM 5210
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	BOD	<	2	mg/L	15-Jul-15	2		SM 5210
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Ca		63520	ug/L	26-Jun-15	33.8	250	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Ca		56090	ug/L	30-Jun-15	33.8	250	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Ca		46570	ug/L	8-Jul-15	33.8	250	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Ca		53230	ug/L	22-Jul-15	33.8	250	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Ca		47220	ug/L	24-Jul-15	33.8	250	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Ca		47250	ug/L	21-Jul-15	33.8	250	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Cd	j	0.098	ug/L	26-Jun-15	0.068	1	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Cd	j	0.069	ug/L	30-Jun-15	0.068	1	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Cd	j	0.09	ug/L	8-Jul-15	0.068	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Cd	<	0.068	ug/L	22-Jul-15	0.068	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Cd	<	0.068	ug/L	24-Jul-15	0.068	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Cd	<	0.068	ug/L	21-Jul-15	0.068	1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Chloride		254.6	mg/L	19-Jun-15	2	10	EPA 300.0
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Chloride		197.9	mg/L	1-Jul-15	1	5	EPA 300.0
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Chloride		125.9	mg/L	15-Jul-15	1	5	EPA 300.0
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Chloride		206.4	mg/L	16-Jul-15	2	10	EPA 300.0
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Chloride		191.2	mg/L	31-Jul-15	1	5	EPA 300.0
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Chloride		191.5	mg/L	31-Jul-15	1	5	EPA 300.0
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Co	j	0.797	ug/L	26-Jun-15	0.112	1	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Co	j	0.621	ug/L	30-Jun-15	0.112	1	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Co	j	0.89	ug/L	8-Jul-15	0.112	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Co	j	0.324	ug/L	22-Jul-15	0.112	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Co	j	0.261	ug/L	24-Jul-15	0.112	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Co	j	0.25	ug/L	21-Jul-15	0.112	1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	COD		24.3	mg/L	19-Jun-15	4.9	10	EPA 410.4
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	COD		23.4	mg/L	26-Jun-15	4.9	10	EPA 410.4
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	COD		25.1	mg/L	2-Jul-15	4.9	10	EPA 410.4
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	COD		21.6	mg/L	9-Jul-15	4.9	10	EPA 410.4
West Creek	River Mile 0.20	7/15/2015 9:05		COD		16.4	mg/L	20-Jul-15	4.9	10	EPA 410.4
West Creek	River Mile 0.20	7/15/2015 9:05		COD		16.4	mg/L	20-Jul-15	4.9	10	EPA 410.4
West Creek	River Mile 0.20	6/24/2015 8:50		Conduct		1100	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Conduct		787	uS/cm	21-Jul-15	0.2	8.0	SM 2510B

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Conduct		1090	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Conduct		1010	uS/cm	21-Jul-15	0.2	8.0	SM 2510B
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Conduct		1010	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Cr		2.405	ug/L	26-Jun-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Cr		1.681	ug/L	30-Jun-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Cr		2.098	ug/L	8-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Cr		1.981	ug/L	22-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Cr		1.978	ug/L	24-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Cr		1.533	ug/L	21-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Cu		7.838	ug/L	26-Jun-15	0.146	2	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Cu		6.279	ug/L	30-Jun-15	0.146	2	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Cu		7.083	ug/L	8-Jul-15	0.146	2	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Cu		5.154	ug/L	22-Jul-15	0.146	2	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Cu		4.676	ug/L	24-Jul-15	0.146	2	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Cu		4.29	ug/L	21-Jul-15	0.146	2	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	DRPhos		0.04	mg/L	17-Jun-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	DRPhos		0.032	mg/L	24-Jun-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	DRPhos		0.034	mg/L	1-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	DRPhos		0.031	mg/L	9-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	DRPhos		0.033	mg/L	16-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	DRPhos		0.033	mg/L	16-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	E. coli		595	MPN/100 mL	17-Jun-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	E. coli		3552	MPN/100 mL	24-Jun-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	E. coli		5130	MPN/100 mL	1-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	E. coli		4130	MPN/100 mL	8-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/9/2015 10:25	R-1505290011	E. coli		9059	MPN/100 mL	9-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/9/2015 14:38	R-1505290022	E. coli		46600	MPN/100 mL	10-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/10/2015 8:55	R-1506090008	E. coli		5516	MPN/100 mL	10-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/10/2015 13:42	R-1506090018	E. coli		1576	MPN/100 mL	10-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/11/2015 8:08	R-1507090007	E. coli		1462	MPN/100 mL	11-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/11/2015 10:53		E. coli		1844	MPN/100 mL	11-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/12/2015 8:35	R-1507100008	E. coli		814	MPN/100 mL	12-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/12/2015 11:50	R-1507100015	E. coli		526	MPN/100 mL	12-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	E. coli		1764	MPN/100 mL	15-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	E. coli		2041	MPN/100 mL	15-Jul-15	1		SM 9223 Colilert
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Fe		1199	ug/L	26-Jun-15	1	10	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Fe		1113	ug/L	30-Jun-15	1	10	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Fe		1375	ug/L	8-Jul-15	1	10	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Fe		588.2	ug/L	22-Jul-15	1	10	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Fe		437.4	ug/L	24-Jul-15	1	10	EPA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Fe		431.6	ug/L	21-Jul-15	1	10	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Field Cond		1081	umhos/cm				SM 2510A
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Field Cond		1069	umhos/cm				SM 2510B
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Field Cond		935	umhos/cm				SM 2510A
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Field Cond		668	umhos/cm				SM 2510A
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Field Cond		766	umhos/cm				SM 2510B
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Field Cond		1065	umhos/cm				SM 2510B
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Field Cond		945	umhos/cm				SM 2510A
West Creek	River Mile 0.20	7/9/2015 10:25	R-1505290011	Field Cond		660.7	umhos/cm				SM 2510A
West Creek	River Mile 0.20	7/9/2015 10:25	R-1505290011	Field Cond		743.5	umhos/cm				SM 2510B
West Creek	River Mile 0.20	7/9/2015 14:38	R-1505290022	Field Cond		314.2	umhos/cm				SM 2510A
West Creek	River Mile 0.20	7/9/2015 14:38	R-1505290022	Field Cond		340	umhos/cm				SM 2510B
West Creek	River Mile 0.20	7/10/2015 8:55	R-1506090008	Field Cond		1007	umhos/cm				SM 2510B
West Creek	River Mile 0.20	7/10/2015 8:55	R-1506090008	Field Cond		892.5	umhos/cm				SM 2510A
West Creek	River Mile 0.20	7/10/2015 13:42	R-1506090018	Field Cond		1015	umhos/cm				SM 2510A
West Creek	River Mile 0.20	7/10/2015 13:42	R-1506090018	Field Cond		1078	umhos/cm				SM 2510B
West Creek	River Mile 0.20	7/11/2015 8:08	R-1507090007	Field Cond		1058	umhos/cm				SM 2510A
West Creek	River Mile 0.20	7/11/2015 8:08	R-1507090007	Field Cond		1241	umhos/cm				SM 2510B
West Creek	River Mile 0.20	7/11/2015 10:53	R-1507090016	Field Cond		1124	umhos/cm				SM 2510A
West Creek	River Mile 0.20	7/11/2015 10:53	R-1507090016	Field Cond		1273	umhos/cm				SM 2510B
West Creek	River Mile 0.20	7/12/2015 8:35	R-1507100008	Field Cond		1288	umhos/cm				SM 2510A
West Creek	River Mile 0.20	7/12/2015 8:35	R-1507100008	Field Cond		1459	umhos/cm				SM 2510B
West Creek	River Mile 0.20	7/12/2015 11:50	R-1507100015	Field Cond		1345	umhos/cm				SM 2510A
West Creek	River Mile 0.20	7/12/2015 11:50	R-1507100015	Field Cond		1476	umhos/cm				SM 2510B
West Creek	River Mile 0.20	7/15/2015 9:05		Field Cond		1004	umhos/cm				SM 2510B
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Field Cond		910.1	umhos/cm				SM 2510A
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Field DO		8.62	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Field DO		91.2	%				
West Creek	River Mile 0.20	6/24/2015 8:50		Field DO	ΑE		mg/L				SM 4500-0 G
West Creek	River Mile 0.20	6/24/2015 8:50		Field DO			%				
West Creek	River Mile 0.20	7/1/2015 10:20		Field DO		8.58	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Field DO		8.18	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Field DO		88.6	%				
West Creek	River Mile 0.20	7/9/2015 10:25		Field DO		8.67	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/9/2015 10:25		Field DO		94	%				
West Creek	River Mile 0.20	7/9/2015 14:38		Field DO		8.73	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/9/2015 14:38		Field DO		98	%				
West Creek	River Mile 0.20	7/10/2015 8:55		Field DO		8.67	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/10/2015 8:55		Field DO		93.7	%				
West Creek	River Mile 0.20	7/10/2015 13:42	R-1506090018	Field DO		102	%				

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 0.20	7/10/2015 13:42	•	Field DO		8.96	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/11/2015 8:08	R-1507090007	Field DO		8.7	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/11/2015 8:08	R-1507090007	Field DO		90.9	%				
West Creek	River Mile 0.20	7/11/2015 10:53	R-1507090016	Field DO		8.91	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/11/2015 10:53	R-1507090016	Field DO		96.3	%				
West Creek	River Mile 0.20	7/12/2015 8:35	R-1507100008	Field DO		105.5	%				
West Creek	River Mile 0.20	7/12/2015 8:35	R-1507100008	Field DO		9.82	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/12/2015 11:50	R-1507100015	Field DO		101	%				
West Creek	River Mile 0.20	7/12/2015 11:50	R-1507100015	Field DO		9.21	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Field DO		7.9	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Field DO		87.3	%				
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Field Temp		18.4	С				EPA 170.1
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Field Temp		18.3	С				EPA 170.1
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Field Temp		19.1	С				EPA 170.1
West Creek	River Mile 0.20	7/9/2015 10:25	R-1505290011	Field Temp		19.2	С				EPA 170.1
West Creek	River Mile 0.20	7/9/2015 14:38	R-1505290022	Field Temp		20.9	С				EPA 170.1
West Creek	River Mile 0.20	7/10/2015 8:55	R-1506090008	Field Temp		19	С				EPA 170.1
West Creek	River Mile 0.20	7/10/2015 13:42	R-1506090018	Field Temp		22	С				EPA 170.1
West Creek	River Mile 0.20	7/11/2015 8:08	R-1507090007	Field Temp		17.3	С				EPA 170.1
West Creek	River Mile 0.20	7/11/2015 10:53	R-1507090016	Field Temp		18.9	С				EPA 170.1
West Creek	River Mile 0.20	7/12/2015 8:35	R-1507100008	Field Temp		18.9	С				EPA 170.1
West Creek	River Mile 0.20	7/12/2015 11:50	R-1507100015	Field Temp		20.3	С				EPA 170.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Field Temp		20.1	С				EPA 170.1
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Hg	<	0.006	ug/L	23-Jun-15	0.006	0.05	EPA 245.1
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Hg	<	0.006	ug/L	30-Jun-15	0.006	0.05	EPA 245.1
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Hg	<	0.006	ug/L	8-Jul-15	0.006	0.05	EPA 245.1
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Hg	<	0.006	ug/L	16-Jul-15		0.05	EPA 245.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Hg	<	0.006	ug/L	16-Jul-15		0.05	EPA 245.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Hg	<	0.006	ug/L	16-Jul-15	0.006	0.05	EPA 245.1
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	K		5862	ug/L	26-Jun-15	7.4	250	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	K		5391	ug/L	30-Jun-15	7.4	250	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	K		4624	ug/L	8-Jul-15	7.4	250	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	K		5164	ug/L	22-Jul-15	7.4	250	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	K		4724	ug/L	24-Jul-15	7.4	250	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	K		4521	ug/L	21-Jul-15	7.4	250	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Mg		16060	ug/L	26-Jun-15	4.2	250	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Mg		13670	ug/L	30-Jun-15	4.2	250	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Mg		11930	ug/L	8-Jul-15	4.2	250	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Mg		14280	ug/L	22-Jul-15	4.2	250	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Mg		13340	ug/L	24-Jul-15	4.2	250	EPA-200.8

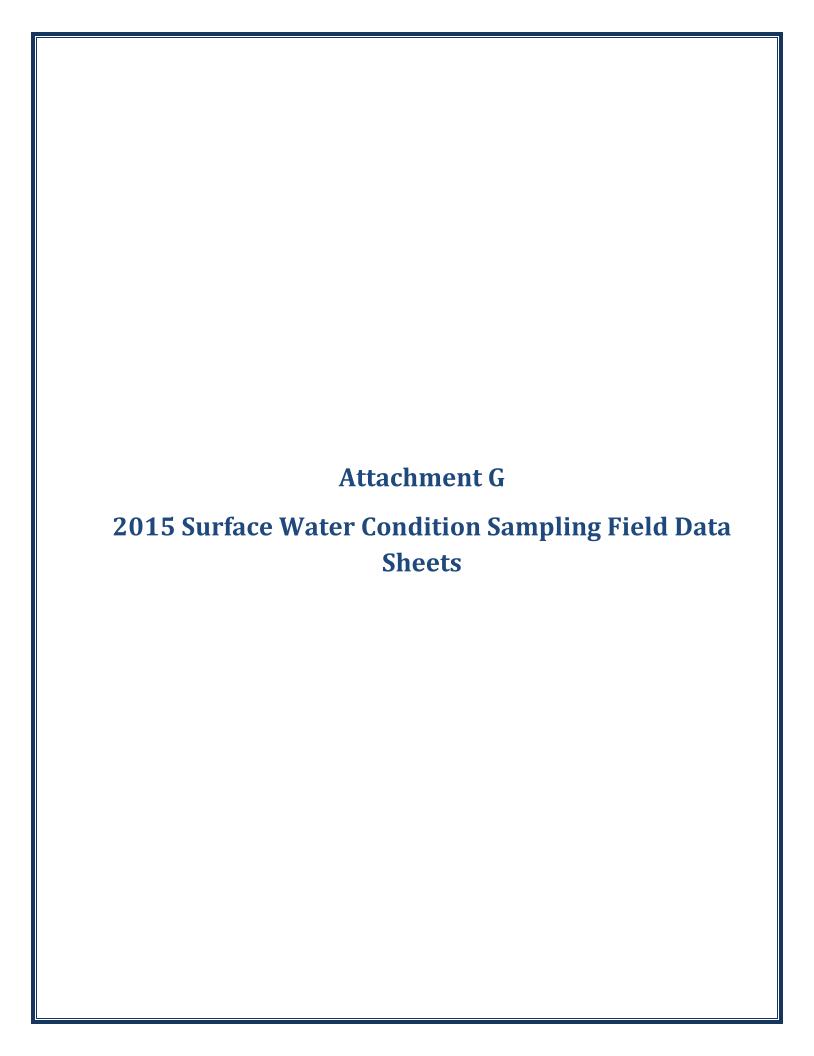
Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Mg	3003	12860	ug/L	21-Jul-15	4.2	250	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Mn		51.25	ug/L	26-Jun-15	0.114	2	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Mn		29.19	ug/L	30-Jun-15	0.114	2	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Mn		33.96	ug/L	8-Jul-15	0.114	2	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Mn		18.17	ug/L	22-Jul-15	0.114	2	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Mn		15.11	ug/L	24-Jul-15	0.114	2	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Mn		15.53	ug/L	21-Jul-15	0.114	2	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Mo		5.552	ug/L	26-Jun-15	0.034	1	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Mo		5.533	ug/L	30-Jun-15	0.034	1	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Mo		4.023	ug/L	8-Jul-15	0.034	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Mo		5.542	ug/L	22-Jul-15	0.034	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Mo		5.05	ug/L	24-Jul-15	0.034	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Mo		4.915	ug/L	21-Jul-15	0.034	1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Na		153200	ug/L	26-Jun-15	27.8	250	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Na		125600	ug/L	30-Jun-15	27.8	250	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Na		95470	ug/L	8-Jul-15	27.8	250	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Na		131600	ug/L	22-Jul-15	27.8	250	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Na		125200	ug/L	24-Jul-15	27.8	250	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Na		122300	ug/L	21-Jul-15	27.8	250	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	NH3		0.031	mg/L	19-Jun-15	0.002	0.02	EPA-350.1
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	NH3		0.06	mg/L	26-Jun-15	0.002	0.02	EPA-350.1
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	NH3		0.2	mg/L	9-Jul-15	0.002	0.02	EPA-350.1
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	NH3		0.026	mg/L	16-Jul-15	0.002	0.02	EPA-350.1
West Creek	River Mile 0.20	7/9/2015 10:25	R-1505290011	NH3		0.052	mg/L	22-Jul-15	0.002	0.02	EPA-350.1
West Creek	River Mile 0.20	7/9/2015 14:38	R-1505290022	NH3		0.064	mg/L	22-Jul-15	0.002		EPA-350.1
West Creek	River Mile 0.20	7/10/2015 8:55	R-1506090008	NH3		0.038	mg/L	23-Jul-15	0.002		EPA-350.1
West Creek	River Mile 0.20	7/10/2015 13:42	R-1506090018	NH3	j	0.019	mg/L	23-Jul-15	0.002	0.02	EPA-350.1
West Creek	River Mile 0.20	7/11/2015 8:08	R-1507090007	NH3		0.031	mg/L	23-Jul-15	0.002		EPA-350.1
West Creek	River Mile 0.20	7/11/2015 10:53		NH3		0.09	mg/L	24-Jul-15	0.002		EPA-350.1
West Creek	River Mile 0.20	7/12/2015 8:35	R-1507100008	NH3		0.035	mg/L	24-Jul-15	0.002		EPA-350.1
West Creek	River Mile 0.20	7/12/2015 11:50		NH3		0.038	mg/L	24-Jul-15	0.002		EPA-350.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	NH3		0.023	mg/L	16-Jul-15	0.002		EPA-350.1
West Creek	River Mile 0.20	7/15/2015 9:05		NH3		0.023	mg/L	16-Jul-15	0.002	0.02	EPA-350.1
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Ni		5.744	ug/L	26-Jun-15	0.132	4	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Ni		4.806	ug/L	30-Jun-15	0.132	4	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Ni		5.582	ug/L	8-Jul-15	0.132	4	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Ni	j	3.603	ug/L	22-Jul-15	0.132	4	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Ni	j	3.183	ug/L	24-Jul-15	0.132	4	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Ni	j	3.194	ug/L	21-Jul-15	0.132	4	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	NO2		0.027	mg/L	17-Jun-15	0.001	0.02	SM 4500-NO2-B

West Creek River Mile 0.20 6/24/2015 8:50 R-1506160002 NO2 0.024 mg/L 24-Jun-15 0.001 0.02 SM 4 West Creek River Mile 0.20 7/1/2015 10:20 R-1506300006 NO2 0.033 mg/L 1-Jul-15 0.001 0.02 SM 4 West Creek River Mile 0.20 7/8/2015 9:10 R-1507070006 NO2 0.022 mg/L 8-Jul-15 0.001 0.02 SM 4 West Creek River Mile 0.20 7/15/2015 9:05 R-1507140007 NO2 j 0.019 mg/L 15-Jul-15 0.001 0.02 SM 4 West Creek River Mile 0.20 7/15/2015 9:05 R-1507140013 NO2 j 0.014 mg/L 15-Jul-15 0.001 0.02 SM 4	Method 4500-NO2-B 4500-NO2-B 4500-NO2-B 4500-NO2-B PA 353.2 PA 353.2 PA 353.2
West Creek River Mile 0.20 7/1/2015 10:20 R-1506300006 NO2 0.033 mg/L 1-Jul-15 0.001 0.02 SM 4 West Creek River Mile 0.20 7/8/2015 9:10 R-1507070006 NO2 0.022 mg/L 8-Jul-15 0.001 0.02 SM 4 West Creek River Mile 0.20 7/15/2015 9:05 R-1507140007 NO2 j 0.019 mg/L 15-Jul-15 0.001 0.02 SM 4 West Creek River Mile 0.20 7/15/2015 9:05 R-1507140013 NO2 j 0.014 mg/L 15-Jul-15 0.001 0.02 SM 4	1500-NO2-B 1500-NO2-B 1500-NO2-B PA 353.2 PA 353.2
West Creek River Mile 0.20 7/8/2015 9:10 R-1507070006 NO2 0.022 mg/L 8-Jul-15 0.001 0.02 SM 4 West Creek River Mile 0.20 7/15/2015 9:05 R-1507140007 NO2 j 0.019 mg/L 15-Jul-15 0.001 0.02 SM 4 West Creek River Mile 0.20 7/15/2015 9:05 R-1507140013 NO2 j 0.014 mg/L 15-Jul-15 0.001 0.02 SM 4	1500-NO2-B 1500-NO2-B PA 353.2 PA 353.2
West Creek River Mile 0.20 7/15/2015 9:05 R-1507140013 NO2 j 0.014 mg/L 15-Jul-15 0.001 0.02 SM 4	1500-NO2-B PA 353.2 PA 353.2
·	PA 353.2 PA 353.2
	PA 353.2
West Creek River Mile 0.20 6/17/2015 9:25 R-1506150019 NO3 0.817 mg/L 19-Jun-15 0.003 0.02 E	
West Creek River Mile 0.20 6/24/2015 8:50 R-1506160002 NO3 0.909 mg/L 26-Jun-15 0.003 0.02 E	DA 353 2
West Creek River Mile 0.20 7/1/2015 10:20 R-1506300006 NO3 0.722 mg/L 9-Jul-15 0.003 0.02 E	A 333.2
West Creek River Mile 0.20 7/8/2015 9:10 R-1507070006 NO3 0.752 mg/L 16-Jul-15 0.003 0.02 E	PA 353.2
West Creek River Mile 0.20 7/15/2015 9:05 R-1507140007 NO3 0.621 mg/L 16-Jul-15 0.003 0.02 E	PA 353.2
West Creek River Mile 0.20 7/15/2015 9:05 R-1507140013 NO3 0.621 mg/L 16-Jul-15 0.003 0.02 E	PA 353.2
West Creek River Mile 0.20 6/17/2015 9:25 R-1506150019 NO3+NO2 0.868 mg/L 19-Jun-15 0.003 0.02 E	PA 353.2
West Creek River Mile 0.20 6/24/2015 8:50 R-1506160002 NO3+NO2 0.941 mg/L 26-Jun-15 0.003 0.02 E	PA 353.2
West Creek River Mile 0.20 7/1/2015 10:20 R-1506300006 NO3+NO2 0.755 mg/L 9-Jul-15 0.003 0.02 E	PA 353.2
West Creek River Mile 0.20 7/8/2015 9:10 R-1507070006 NO3+NO2 0.774 mg/L 16-Jul-15 0.003 0.02 E	PA 353.2
West Creek River Mile 0.20 7/15/2015 9:05 R-1507140007 NO3+NO2 0.64 mg/L 16-Jul-15 0.003 0.02 E	PA 353.2
West Creek River Mile 0.20 7/15/2015 9:05 R-1507140013 NO3+NO2 0.634 mg/L 16-Jul-15 0.003 0.02 E	PA 353.2
West Creek River Mile 0.20 6/17/2015 9:25 R-1506150019 Pb 3.202 ug/L 26-Jun-15 0.116 1 E	PA-200.8
West Creek River Mile 0.20 6/24/2015 8:50 R-1506160002 Pb 1.344 ug/L 30-Jun-15 0.116 1 E	PA-200.8
	PA-200.8
•	PA-200.8
	PA-200.8
•	PA-200.8
West Creek River Mile 0.20 6/24/2015 8:50 R-1506160002 pH 8 S.U.	
West Creek River Mile 0.20 7/1/2015 10:20 R-1506300006 pH 7.91 S.U.	
West Creek River Mile 0.20 7/8/2015 9:10 R-1507070006 pH 8.04 S.U.	
West Creek River Mile 0.20 7/9/2015 10:25 R-1505290011 pH 8.11 S.U.	
West Creek River Mile 0.20 7/9/2015 14:38 R-1505290022 pH 8.05 S.U.	
West Creek River Mile 0.20 7/10/2015 8:55 R-1506090008 pH 8.1 S.U.	
West Creek River Mile 0.20 7/10/2015 13:42 R-1506090018 pH 8.23 S.U.	
West Creek River Mile 0.20 7/11/2015 8:08 R-1507090007 pH 8.04 S.U.	
West Creek River Mile 0.20 7/11/2015 10:53 R-1507090016 pH 8.13 S.U.	
West Creek River Mile 0.20 7/12/2015 8:35 R-1507100008 pH 8.07 S.U.	
West Creek River Mile 0.20 7/12/2015 11:50 R-1507100015 pH 8.23 S.U.	
West Creek River Mile 0.20 7/15/2015 9:05 R-1507140007 pH 7.81 S.U.	
	PA-200.8
, ,	PA-200.8
	PA-200.8
	PA-200.8
West Creek River Mile 0.20 7/15/2015 9:05 R-1507140007 Sb j 0.622 ug/L 24-Jul-15 0.036 1 E	PA-200.8

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 0.20	7/15/2015 9:05	•	Sb	j	0.532	ug/L	21-Jul-15	0.036	1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Se	<	0.76	ug/L	26-Jun-15	0.76	5	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Se	<	0.76	ug/L	30-Jun-15	0.76	5	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Se	<	0.76	ug/L	8-Jul-15	0.76	5	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Se	j	0.975	ug/L	22-Jul-15	0.76	5	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Se	<	0.76	ug/L	24-Jul-15	0.76	5	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Se	<	0.76	ug/L	21-Jul-15	0.76	5	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Sn	j	0.357	ug/L	26-Jun-15	0.162	1	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Sn	j	0.176	ug/L	30-Jun-15	0.162	1	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Sn	<	0.162	ug/L	8-Jul-15	0.162	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Sn	<	0.162	ug/L	22-Jul-15	0.162	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Sn	<	0.162	ug/L	24-Jul-15	0.162	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Sn	<	0.162	ug/L	21-Jul-15	0.162	1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	SO4		83.57	mg/L	19-Jun-15	0.5	5	EPA 300.0
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	SO4		74.44	mg/L	1-Jul-15	0.5	5	EPA 300.0
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	SO4		53.66	mg/L	15-Jul-15	0.5	5	EPA 300.0
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	SO4		74.52	mg/L	16-Jul-15	0.5	5	EPA 300.0
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	SO4		65.32	mg/L	31-Jul-15	0.5	5	EPA 300.0
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	SO4		65.43	mg/L	31-Jul-15	0.5	5	EPA 300.0
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Sr		335.366	ug/L	26-Jun-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50		Sr		287.912	ug/L	30-Jun-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Sr		222.508	ug/L	8-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Sr		289.411	ug/L	22-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Sr		249.716	ug/L	24-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Sr		246.789	ug/L	21-Jul-15	0.098	1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	TDS		724	mg/L	19-Jun-15	1	5	SM2540C
West Creek	River Mile 0.20	6/24/2015 8:50		TDS		616	mg/L	25-Jun-15	1	5	SM2540C
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	TDS		446	mg/L	2-Jul-15	1	5	SM2540C
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	TDS		608	mg/L	8-Jul-15	1	5	SM2540C
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	TDS		590	mg/L	17-Jul-15	1	5	SM2540C
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	TDS		588	mg/L	17-Jul-15	1	5	SM2540C
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Ti 		15.02	ug/L	26-Jun-15	0.142	2	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50		Ti 		7.642	ug/L	30-Jun-15	0.142	2	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20		Ti —		8.672	ug/L	8-Jul-15	0.142	2	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Ti —		12.54	ug/L	22-Jul-15	0.142	2	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05		Ti —		3.021	ug/L	24-Jul-15	0.142	2	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05		Ti		3.009	ug/L	21-Jul-15	0.142	2	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25		TKN		0.678	mg/L	18-Jun-15	0.081	0.5	EPA-351.1
West Creek	River Mile 0.20	6/24/2015 8:50		TKN		0.798	mg/L	26-Jun-15	0.081		EPA-351.1
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	TKN		0.696	mg/L	14-Jul-15	0.081	0.5	EPA-351.1

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	TKN		0.589	mg/L	23-Jul-15	0.081	0.5	EPA-351.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	TKN		0.578	mg/L	23-Jul-15	0.081	0.5	EPA-351.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	TKN		0.523	mg/L	23-Jul-15	0.081	0.5	EPA-351.1
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	TI	j	0.084	ug/L	26-Jun-15	0.014	1	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	TI	j	0.091	ug/L	30-Jun-15	0.014	1	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	TI	j	0.093	ug/L	8-Jul-15	0.014	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	TI	j	0.078	ug/L	22-Jul-15	0.014	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	TI	j	0.078	ug/L	24-Jul-15	0.014	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	TI	j	0.083	ug/L	21-Jul-15	0.014	1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	TMET		28.5	ug/L	26-Jun-15	10		EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	TMET		21	ug/L	30-Jun-15	10		EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	TMET		26.7	ug/L	8-Jul-15	10		EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	TMET		16.2	ug/L	22-Jul-15	10		EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	TMET		15.6	ug/L	24-Jul-15	10		EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	TMET		12.5	ug/L	21-Jul-15	10		EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Total-P		0.084	mg/L	18-Jun-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Total-P		0.079	mg/L	26-Jun-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Total-P		0.096	mg/L	6-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Total-P		0.056	mg/L	9-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/9/2015 10:25	R-1505290011	Total-P		0.09	mg/L	10-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/9/2015 14:38	R-1505290022	Total-P		0.446	mg/L	16-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/10/2015 8:55	R-1506090008	Total-P		0.07	mg/L	16-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/10/2015 13:42		Total-P		0.066	mg/L	16-Jul-15	0.003		EPA 365.1
West Creek	River Mile 0.20	7/11/2015 8:08	R-1507090007	Total-P		0.057	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/11/2015 10:53		Total-P		0.051	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/12/2015 8:35		Total-P		0.047	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/12/2015 11:50	R-1507100015	Total-P		0.042	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Total-P		0.058	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Total-P		0.062	mg/L	21-Jul-15	0.003	0.01	EPA 365.1
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	TS		802	mg/L	18-Jun-15	1	5	SM2540B
West Creek	River Mile 0.20	6/24/2015 8:50		TS		658	mg/L	25-Jun-15	1	5	SM2540B
West Creek	River Mile 0.20	7/1/2015 10:20		TS		496	mg/L	1-Jul-15	1	5	SM2540B
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	TS		646	mg/L	8-Jul-15	1	5	SM2540B
West Creek	River Mile 0.20	7/15/2015 9:05		TS		598	mg/L	17-Jul-15	1	5	SM2540B
West Creek	River Mile 0.20	7/15/2015 9:05		TS		596	mg/L	17-Jul-15	1	5	SM2540B
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	TSS		33.3	mg/L	18-Jun-15	0.5	1	SM2540D
West Creek	River Mile 0.20	6/24/2015 8:50		TSS		16.5	mg/L	25-Jun-15	0.5	1	SM2540D
West Creek	River Mile 0.20	7/1/2015 10:20		TSS		29.8	mg/L	1-Jul-15	0.5	1	SM2540D
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	TSS		5.7	mg/L	8-Jul-15	0.5	1	SM2540D
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	TSS		6.3	mg/L	15-Jul-15	0.5	1	SM2540D

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	TSS		6.9	mg/L	15-Jul-15	0.5	1	SM2540D
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Turbidity		6.3	NTU				EPA 180.1
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Turbidity		28	NTU				EPA 180.1
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Turbidity		43.6	NTU				EPA 180.1
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Turbidity		16.8	NTU				EPA 180.1
West Creek	River Mile 0.20	7/9/2015 10:25	R-1505290011	Turbidity		43	NTU				EPA 180.1
West Creek	River Mile 0.20	7/9/2015 14:38	R-1505290022	Turbidity		291	NTU				EPA 180.1
West Creek	River Mile 0.20	7/10/2015 8:55	R-1506090008	Turbidity		18.7	NTU				EPA 180.1
West Creek	River Mile 0.20	7/10/2015 13:42	R-1506090018	Turbidity		16.4	NTU				EPA 180.1
West Creek	River Mile 0.20	7/11/2015 8:08	R-1507090007	Turbidity		9.37	NTU				EPA 180.1
West Creek	River Mile 0.20	7/11/2015 10:53	R-1507090016	Turbidity		5.03	NTU				EPA 180.1
West Creek	River Mile 0.20	7/12/2015 8:35	R-1507100008	Turbidity		3.44	NTU				EPA 180.1
West Creek	River Mile 0.20	7/12/2015 11:50	R-1507100015	Turbidity		2.67	NTU				EPA 180.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Turbidity		8.73	NTU				EPA 180.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Turbidity		9.12	NTU				EPA 180.1
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	V	j	1.293	ug/L	26-Jun-15	0.48	10	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	V	j	0.985	ug/L	30-Jun-15	0.48	10	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	V	j	1.536	ug/L	8-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	V	j	0.548	ug/L	22-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	V	<	0.48	ug/L	24-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	V	j	0.517	ug/L	21-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Zn		12.51	ug/L	26-Jun-15	0.48	10	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Zn	j	8.188	ug/L	30-Jun-15	0.48	10	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Zn		11.92	ug/L	8-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Zn	j	5.472	ug/L	22-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Zn	j	5.78	ug/L	24-Jul-15	0.48	10	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Zn	j	3.461	ug/L	21-Jul-15	0.48	10	EPA-200.8



R-1508180002 Big Creek River Mile 0.15 (EM1) Sample Date: 8/19/2015 Sample ID: None-A HNO3-B H2SO4-C Na2S2O3-E

S ney Creek River Mile 0.15
Sample Date: 8/19/2016
Jone-A HNO3-B H2SO4-C Na2S2O3-E

General Comments:

NEORSD Surface Water Condition Sampling Field Data Form
Stream: Bic Creek Date: 8/19/15 Collectors: F5DP
Gage Station and ID: Daily Mean Discharge: ft³/sec
Was this sample taken during or following a wet weather event? YES / NO
Water Quality Meters Used: 660 X L A
Time (hrs): 9:07 an River Mile (Site): 0 15
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other:
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: Foam Oily Scum Other:
Field Parameters: Conductivity (μmhos/cm): 75 Sp. Cond. (μmhos/cm): 75 Dissolved Oxygen (mg/L): 9.61 D.O. (%): 115 O pH (s.u.): 773 Turbidity 1 (NTU): 20.5 Turbidity 2 (NTU): 20.5 Average (NTU): 30.4
General Comments:
ime (hrs): 09,54 River Mile (Site): 5+ick n. Creek Old
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Other:
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (μmhos/cm): 775
Dissolved Oxygen (mg/L): 19,87 D.O. (%): 1/1,5
Temperature (°C): 21.82 pH (s.u.): 7.76
Turbidity 1 (NTU): 11.5 Turbidity 2 (NTU): 12.1 Average (NTID: 11.8

		Gage Station and ID: Daily Mean Discharge: ft ³ /se
		Was this sample taken during or following a wet weather event? YES / NO
	ų.	Water Quality Meters Used: 600 x L A
Mile	603	Time (hrs): River Mile (Site): O. O.
West Br River Mile 8,19/2016	Na2S2O3-E	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
B. 120	ပု	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
Vest	H2SO4-C	HD Status: OK Other: Could not find
V	H2	Color: Muddy Tea Milky Other:
ek West Br F Sample Date: 8/19/2015	HNO3-B	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
eek Sar		Surface Coating: Foam Oily Scum Other:
Big Creek Sar		Field Parameters: Conductivity (μmhos/cm): 740 Sp. Cond. (μmhos/cm): 771
Ö	None-A	Dissolved Oxygen (mg/L): 8.54 D.O. (%):
		Temperature (°C): 27.65
	(h)	
	Sample II	Turbidity 1 (NTU): 12.2 Turbidity 2 (NTU): 12.6 Average (NTU): 12.4 General Comments:
4.40		General Comments:
Aile 4.40	Va2S203-E	General Comments: Time (hrs):
/er Mile 4.40 /2016	Na2S203-E	General Comments: Time (hrs): River Mile (Site): 4, 40 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
-	304-C Na2S203-E	General Comments: Time (hrs): Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
-	304-C Na2S203-E	General Comments: Time (hrs):
nple Date: 8	H2SO4-C Na2S2O3-E	General Comments: Time (hrs):
nple Date: 8	H2SO4-C Na2S2O3-E	General Comments: Time (hrs):
nple Date: 8	HN03-B H2SO4-C Na2S203-E	Time (hrs): Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Color:
nple Date: 8	HN03-B H2SO4-C Na2S203-E	Time (hrs): Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Gold Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 669 Sp. Cond. (µmhos/cm): 703 Dissolved Oxygen (mg/L): D.O. (%): 600 DH (s.u.): 8000
	H2SO4-C Na2S2O3-E	Time (hrs):

Big Creek

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5	Hall	in he

NEORSD Surface Water Condition Sampling Field Data Form
Stream: Bis Croel Date: 8/13/15 Collectors: Bon Manse P
Gage Station and ID: Daily Mean Discharge: ft³/sec
Was this sample taken during or following a wet weather event? YES / NO
Water Quality Meters Used: EXO D
Time (hrs): 10:36 River Mile (Site): 0.15 (Stroy Creek)
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (µmhos/cm): 740 Temperature (°C): 19, 961
Dissolved Oxygen (mg/L): 8, 67 pH (s.u.): 7,94
General Comments: DOS 97.7 Turbidity (NTU): 1.90 1.68 Turb 1.77 Turb 10.71 Deplicate 5-72 Tubb 2.00 Turb 1.77 Turb 10.77
Time (hrs): River Mile (Site): 0,15 3ennings
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (µmhos/cm): 959. 6 Temperature (°C): 21, 151
Dissolved Oxygen (mg/L): 5, 30 pH (s.u.): 7, 90
Turbidity (NTU): 7,32
General Comments: D0% 93.9
Span 1035.8 trod-7.62

Z. Mai ble D. Ph. Hips

	Stream: Big Creek Date: 8/13/15 Collectors: Pon M. Danise P.
	Gage Station and ID: Daily Mean Discharge: ff³/sec
 Ti	Was this sample taken during or following a wet weather event? Water Quality Meters Used: EXOLD " me (hrs): 8:57 cm River Mile (Site): 50, 20
Snow Br River Mile e: 8/12/2016 2SO4-C Na2S2O3-E	Weather: Clear Partly Cloud Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other:
Creek Sample Dat HNO3-B H	Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 7.30 Temperature (°C): 20.686 Dissolved Oxygen (mg/L): 9H (s.u.): 7.30 Turbidity (NTU): 3.48% 3.48%
Nor	General Comments: DOG 90.7 Total 3343 26.1 Tot
-	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Mile 9.80 5 Na2S2O3-E	Flow: Dry Intermittent Minimal Raseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps
R-150811000/ Creek River Sample Date: 8/12/201 HNO3-B H2SO4-C	Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 94.7 Temperature (°C): 19.757 Dissolved Oxygen (mg/L): 8.54 pH (s.u.): 7.86 Turbidity (NTU): 3.48
Big None-A	Splon 1105.3 Text 2- 3.41

	Stream: Date: 8/13/15 Collectors: Doroll Donce
	Gage Station and ID: Daily Mean Discharge: ft³/sec
	Was this sample taken during or following a wet weather event? YES / NO
	Water Quality Meters Used: YST EXO ("D")
	Time (hrs): 9'40 River Mile (Site): West branch 0.00
	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
ile J3-E	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
Mest Br River Mile :: 8/12/2015 :SO4-C Na2S2O3-E	HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps
. =	Color: Clear Muddy Tea Milky Other:
reek West Br F Sample Date: 8/12/2016 HNO3-B H2SO4-C N	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
M Nate:	Surface Coating: None Foam Oily Scum Other:
nple [Field Parameters: Conductivity (µmhos/cm): Temperature (°C):
eek San 1NO	Dissolved Oxygen (mg/L): pH (s.u.): 7,
O	Turbidity (NTU): 5,53
Big None-A	General Comments: 50 00 1078 5 Tubl - 547
ž	
	Time (hrs): 9.50 River Mile (Site): 4,40
_	Time (hrs): River Mile (Site): 4 40 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
0 03-E	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain
Nile 4.40	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset
ile Ja2	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps
ile Ja2	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps
ile Ja2	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other:
-7506770003 River Mile ple Date: 8/12/2015 3-B H2SO4-C Na2	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other:
-7506770003 River Mile ple Date: 8/12/2015 3-B H2SO4-C Na2	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 813.0 Temperature (°C): 20.231 Dissolved Oxygen (mg/L): PH (s.u.): 80.5
K-1306170003 Creek River Mile Sample Date: 8/12/2015 HNO3-B H2SO4-C Na2	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 813.0 Temperature (°C): 20.231 Dissolved Oxygen (mg/L): PH (s.u.): 8.05 Turbidity (NTU): 114
K-1306170003 Creek River Mile Sample Date: 8/12/2015 HNO3-B H2SO4-C Na2	Weather: Clear Partly Cloudy Overcast Steady Rain Heavy Snow Melt Light Rain/Showers Other: Heavy Rain Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 813.0 Temperature (°C): 20.231 Dissolved Oxygen (mg/L): 9 05
-1506110003 River Mile ple Date: 8/12/2015 3-B H2SO4-C Na2	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Temperature (°C): 20 231 Dissolved Oxygen (mg/L): PH (s.u.): Solved .): PH (s.u.):

R-1508030018 Big Creek River Mile 0.15 (EM1) Sample Date: 8/5/2015 None-A HNO3-B H2SO4-C Na2S2O3-E

Rig Creek River Mile 4.40 sample Date: 8/5/2016 None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID:

NEORSD Surface Water Condition Sampling Field Data Form
Stream: Big Creek Date: 8/5/15 Collectors: MMTZ
Gage Station and ID: Daily Mean Discharge: ft ³ /sec
Was this sample taken during or following a wet weather event? YES / NO
Water Quality Meters Used: EXO D'
Time (hrs): 850 River Mile (Site): 0,15
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Other:
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other: MM
Field Parameters: Conductivity (μmhos/cm): 108.7 Sp. Cond. (μmhos/cm):
Dissolved Oxygen (mg/L): 7.39 D.O. (%): 1195, 1 88.
Temperature (°C): 31.213 pH (s.u.): 7.85
Turbidity 1 (NTU): 2.05 Turbidity 2 (NTU): 1.99 Average (NTU): 2.02
General Comments:
Time (hrs): 716 River Mile (Site): 4,40
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minima Baseline/Normal Elevated Flood
HD Status: OK Other:
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (μmhos/cm): 766,9 Sp. Cond. (μmhos/cm): 1089,4
Dissolved Oxygen (mg/L): 834 D.O. (%): 84.3
Temperature (°C):
Turbidity 1 (NTU): 1,59 Turbidity 2 (NTU): 1,41 Average (NTU): 1,50
General Comments:

Rig Creek River Mile 0.15 (EM1) Sample Date: 7/29/2016 None-A HNO3-B H2SO4-C Na2S2O3-E

R-1507280003	River Mile 4.40	280001	Field Blank
R-1507	Big Creek	FB-1507280001	Field Blank

Was this sample taken during or following a wet weather event? Water Quality Meters Used: Meters Used: Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 15 44 Sp. Cond. (µmhos/cm): 15 44 Sp. Cond. (µmhos/cm): 15 44 Sp. Cond. (µmhos/cm): 16 Sp. Cond. (µmhos/cm): 17 Sp. Cond. (µmhos/cm): 18 Sp. Cond. (µmhos/cm): 18 Sp. Cond. (µmhos/cm): 19 Sp. Cond. (µmhos/cm): 10 Sp. Con	ft³/sec
Was this sample taken during or following a wet weather event? Water Quality Meters Used: Meter Guality Meters Used: Meter Mile (Site): Meather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): Dissolved Oxygen (mg/L): Temperature (°C): Temperature (°C): Temperature (°C): General Comments:	15\12 7.10
Was this sample taken during or following a wet weather event? Water Quality Meters Used: Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): /5 / / / / / / / / / / / / / / / / / /	15\12 7.60
Water Quality Meters Used: Meather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): /5 / 4 / 5 / 6 / 6 / 6 / 6 / 6 / 6 / 6 / 6 / 6	15\12 7.60
River Mile (Site): Big 0.15 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 15 44 Sp. Cond. (µmhos/cm): 10 Dissolved Oxygen (mg/L): 906 D.O. (%): 10 Temperature (°C): 23.81 pH (s.u.): 8 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU):	15\12 7.10
Weather: Clear Steady Rain Partly Cloudy Overcast Light Rain/Showers Heavy Rain Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Other: Surface Coating: None Foam Oily Scum Other: Scum Other: Field Parameters: Conductivity (μmhos/cm): 15 μμ Sp. Cond. (μmhos/cm): D.O. (%): 10 Temperature (°C): 23.81 pH (s.u.): 8 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): General Comments:	15 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): /5 μμ Sp. Cond. (μmhos/cm): Dissolved Oxygen (mg/L): 9 0 0 D.O. (%): 10 Temperature (°C): 23.81 pH (s.u.): % Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): General Comments:	1582 7.10
Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): /5 44 Sp. Cond. (µmhos/cm): Dissolved Oxygen (mg/L): 9 0 D.O. (%): /0 Temperature (°C): 23.81 pH (s.u.): 8 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU):	1582 7.10
Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): /5 μμ Sp. Cond. (μmhos/cm): D.O. (%): /0 Turbidity 1 (NTU): Temperature (°C): 23.81 pH (s.u.): χ Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): General Comments: Sewage Chemical Other:	1582 7.10
Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): /5 μμ Sp. Cond. (μmhos/cm): Dissolved Oxygen (mg/L): 9 0 0 D.O. (%): /0 Temperature (°C): 23.81 pH (s.u.): χ Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): General Comments: Average (NTU): Average (NTU):	1582 7.10
Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): /5 μμ Sp. Cond. (μmhos/cm): Dissolved Oxygen (mg/L): 9 0 μ D.O. (%): 10 Temperature (°C): 23.81 pH (s.u.): χ Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): General Comments: Oily Scum Other:	1582 7.10
Field Parameters: Conductivity (μmhos/cm): /5 μμ Sp. Cond. (μmhos/cm): Dissolved Oxygen (mg/L): 9.06 D.O. (%): 10 Temperature (°C): 23.81 pH (s.u.): 8 Turbidity 1 (NTU): Average (NTU): General Comments:	7.6
Dissolved Oxygen (mg/L): 9.06 D.O. (%): 10 Temperature (°C): 23.81 pH (s.u.): 8 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU):	7.6
Temperature (°C): 23.81 pH (s.u.): 8 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): General Comments:	.05
Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): General Comments:	
General Comments:	/ /DVI
	2.09
D' 101 (0'1) A	
me (hrs): 0944 River Mile (Site): B1a 4.40	
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain	
Steady Rain Heavy Snow Melt Other:	
ow: Dry Intermittent Minimal Baseline/Normal Elevated Flood	
ow: Dry Intermittent Minimal Baseline/Normal Elevated Flood D Status: OK Other:	
olor: Clear Muddy Tea Milky Other:	emil)
dor: Normal Petroleum Anaerobic Sewage Chemical Other:	
arface Coating: None Foam Oily Scum Other:	
	1195
District Communication (1971)	
	X /
Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU):	
Average (NTO) Average (NTO)	20

River Mile 0.15 (EM1) Sample None-A HNO3-B H2SO4-C Na2S2O3-E

Sample Date: 7/22/2015 8:48:00 AM R-1507210002 Big Creek

Sample Date: 7/22/2015 8:48:00 AM None-A HNO3-B H2SO4-C Na2S2O3-E Snow Br River Mile R-1507210006 **Big Creek**

Gage Station and ID		Daily Mear	Discharge:	ft³/sec
Was this sample taken	during or following a wet wea	ther event?	YES / NO	
ne (hrs): 0655	River Mile	(Site): 0.15		
	Partly Cloudy Overcast Heavy Snow Melt	Light Rain/Show	vers Heavy Rain	
Flow: Dry Inte	ermittent Minimal Ba	seline/Normal	Elevated Flood	
HD Status:	OK Other:			
Color: Clear	Muddy Te	a Milky	Other:	
Odor: Norma	Petroleum Anaerobic	Sewage	Chemical Other:	
Surface Coating:		ly Scum	Other:	
Field Parameters:	Conductivity (µmhos/cm):	1390.4	Sp. Cond. (µmhos/cm):	485.6
	Dissolved Oxygen (mg/L):	4.24	D.O. (%): 9	[,]
	Temperature (°C):	hitalia	pH (s.u.):	04
2002				
Turbidity I (NTU)	Turbidity 2 (1	VTU):	. Average (NTU):	200
	Turbidity 2 (N			205 2
General Comments:	TDSwyll=960			
General Comments: e (hrs): 715 Weather: Rear	Partly Cloudy Overcast	Site): Suew Light Rain/Show		2.03 2
e (hrs): 215 Weather: Gear Steady Rain	Partly Cloudy Overcast Heavy Snow Melt	Site): Suww Light Rain/Show Other:	Pearl Brench Covers Heavy Rain), ZO
e (hrs): 215 Weather: Steady Rain Flow: Dry Inte	Partly Cloudy Overcast Heavy Snow Melt rmittent Minimal Ba	Site): Suew Light Rain/Show Other:	Pearl Brench Covers Heavy Rain Elevated Flood), ZO
General Comments: e (hrs): Veather: Steady Rain Flow: Dry Inte	Partly Cloudy Overcast Heavy Snow Melt rmittent Minimal Ba Ok Other:	Site): Suew Light Rain/Show Other: seline/Normal	Pearl Brench C vers Heavy Rain Elevated Flood), ZO
e (hrs):	Partly Cloudy Overcast Heavy Snow Melt rmittent Minimal Ba Ok Other: Muddy Te	Site): Suew Light Rain/Show Other: seline/Normal	Peavl Brench Covers Heavy Rain Elevated Flood Other:	0,70
e (hrs): 715 Weather: Steady Rain Flow: Dry Intel HD Status: Color: Clear	River Mile (Partly Cloudy Overcast Heavy Snow Melt rmittent Minimal Ba Ok Other: Muddy Te Petroleum Anaerobic	Site): Suew Light Rain/Show Other: seline/Normal a Milky Sewage	Pearl Brench Covers Heavy Rain Elevated Flood Other: Chemical Other:	0,70
e (hrs):	River Mile (Partly Cloudy Overcast Heavy Snow Melt rmittent Minimal Ba Ok Other: Muddy Te Petroleum Anaerobic None Foam Oil	Site): Suew Light Rain/Show Other: seline/Normal a Milky Sewage y Scum	Peav Brench Covers Heavy Rain Elevated Flood Other: Chemical Other: Other:	0,20
General Comments: e (hrs): Weather: Steady Rain Flow: Dry Intelligence Color: Clear Odor: Normal Gurface Coating:	River Mile (Partly Cloudy Overcast Heavy Snow Melt rmittent Minimal Ba Ok Other: Muddy Te Petroleum Anaerobic None Foam Oil Conductivity (µmhos/cm):	Site): Screw Light Rain/Show Other: seline/Normal a Milky Sewage y Scum	Peavl Brench Covers Heavy Rain Elevated Flood Other: Chemical Other: Other: Sp. Cond. (µmhos/cm):	1001.3
e (hrs):	River Mile (Partly Cloudy Overcast Heavy Snow Melt rmittent Minimal Ba Ok Other: Muddy Te Petroleum Anaerobic None Foam Oil Conductivity (µmhos/cm): Dissolved Oxygen (mg/L):	Site): Sww Light Rain/Show Other: seline/Normal a Milky Sewage y Scum	Pearl Brench Covers Heavy Rain Elevated Flood Other: Chemical Other: Other: D.O. (%):	1001.3
General Comments: e (hrs): Weather: Steady Rain Flow: Dry Inte HD Status: Color: Clear Odor: Normal Surface Coating: Field Parameters:	River Mile (Partly Cloudy Overcast Heavy Snow Melt rmittent Minimal Ba Ok Other: Muddy Te Petroleum Anaerobic None Foam Oil Conductivity (µmhos/cm):	Site): Suww Light Rain/Show Other: seline/Normal a Milky Sewage y Scum 868.5 8.22	Pearl Brench Covers Heavy Rain Elevated Flood Other: Chemical Other: Other: Sp. Cond. (µmhos/cm): D.O. (%): SpH (s.u.): 7	1001.3

NEORSD Surface Water Condition Sampling Field Data Form

192

	Stream: Big Wick Date: 1/22/15 Collectors: KhiHle Rhoade.
	Gage Station and ID: Daily Mean Discharge:ft³/sec
	Was this sample taken during or following a wet weather event? YES NO
	Water Quality Meters Used: 600 XL Son de
	Time (hrs): 0850 River Mile (Site): RM 4,40
ш	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Aile 4.40 :00 AM Na2S2O3-E	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
le 4.0 AM	HD Status: OK Other: MST MSTULLED
River Mile 4.40 016 8:48:00 AM 104-C Na2S2O	Color: Clear Muddy Tea Milky Other: Odor: (Normal) Petroleum Anaerobic Sewage Chemical Other:
Rive 016 8	Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other:
K-130/L190 River Mile 4. Creek Sample Date: 7/22/2016 8:48:00 AM A HNO3-B H2SO4-C Na2S	Field Parameters: Conductivity (μmhos/cm): 119 Sp. Cond. (μmhos/cm): 1259.5
K-15016 k k Date: 7/22 JO3-B H2	Dissolved Oxygen (mg/L): 8,83 D.O. (%): 95.9
Big Creek sample Di	Temperature (°C): 19.15 pH (s.u.): 8.16
Sam Sam	1 011
Big C Sal	General Comments: HD installed after water water war sampling.
2	
*	Time (hrs): 0915 River Mile (Site): RM 0.02
ш	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
River Mile 00 AM Na2S2O3-E	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
River Mile :00 AM Na2S2O3-	HD Status: OK Other: T.NSTAND HD
	Color: Clear Muddy Tea Milky Other:
West Br 22016 8:45 2504-C	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Creek West Br Sample Date: 7/22/2015 8:48 HNO3-B H2SO4-C	Surface Coating: None Foam Oily Scum Other:
: i i i	Field Parameters: Conductivity (μmhos/cm): 1043, 6 Sp. Cond. (μmhos/cm): 1157, 4
ek e Date 103-	Dissolved Oxygen (mg/L): 7.44 D.O. (%): 81.9
Big Creek Sample D	Temperature (°C): 19.85 pH (s.u.): 7.83
Big (Sa None-A	Turbidity 1 (NTU): 4.44 Turbidity 2 (NTU): 4.59 Average (NTU): 4.43
Nor	General Comments: HD installed after water chem sumpling

R-150720006 uyahoga River River Mile 7.00 Sample Date: 7/21/2016 None-A HNO3-B H2SO4-C Na2S2O3-E

Samp

Sampie 11.

R-1507200007

Cuyahoga River River Mile 8.60

Sample Date: 7/21/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form
Stream: Cuyaloga Date: 07/21/15 Collectors: E. Sochnien B. Bosga
Gage Station and ID: Independence 04708000 Daily Mean Discharge: 790 ft³/sec
Was this sample taken during or following a wet weather event? YES NO
Water Quality Meters Used: 600 x C on FB
Time (hrs): 8:44 River Mile (Site): 7 00
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Other: Not In Stalled
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (µmhos/cm): 745 Sp. Cond. (µmhos/cm): 753
Dissolved Oxygen (mg/L): 9,14 D.O. (%): 108, 2
Temperature (°C): 24,42 pH (s.u.): 7,84
Turbidity 1 (NTU): 19.3 Turbidity 2 (NTU): 20.0 Average (NTU): 19, 7
General Comments:
Time (hrs): 9:34 River Mile (Site): 8.60
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Other: Not installed
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (µmhos/cm): 737 Sp. Cond. (µmhos/cm): 750
Dissolved Oxygen (mg/L): 10.45 D.O. (%): 124.1
Temperature (°C): 24, 1\ pH (s.u.): 7.83
Turbidity 1 (NTU): 16.0 Turbidity 2 (NTU): 15.8 Average (NTU): 15.9
General Comments:

R-1507200010

	.10		600
	le 12		700-1
77	River Mile 12.10	1/2015	(
,200C	Rÿ	ie: 7/2	000
R-1507200011	/er	Sample Date: 7/21/2015	a cocacate of togeth a column
œ	Ri	Sarr	9
	ahoga River		•

		NEORSD Surface water Condition Sampling Field Data Form
		Stream: Cinghosa Date: 07/21/15 Collectors: E. Socholen B. Bossa
		Gage Station and ID: Independence 04208000 Daily Mean Discharge: 790 ft³/sec
		Was this sample taken during or following a wet weather event? YES NO
		Water Quality Meters Used: 600 x L unit B
m m	Ä	Time (hrs): Niver Mile (Site): 11.30
7/21/2016 :O4-C Na2S2O3-E		Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
_		Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Not installed
e: 7/2	HNO3-B H2SO4-C	Color: Clear Muddy Tea Milky Other:
Dat Dat	T m	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
ample		Surface Coating: None Foam Oily Scum Other:
S Z	Z	Field Parameters: Conductivity (μmhos/cm): 67
<	e-A	Dissolved Oxygen (mg/L):
2	Sampl None-A	Temperature (°C): 29.17 pH (s.u.): 8.00 Turbidity 1 (NTU): 15.7 Turbidity 2 (NTU): 16.0 Average (NTU): 15.9
_	ldu	Turbidity 1 (NTU): 15.7 Turbidity 2 (NTU): 16.0 Average (NTU): 15.9
C	Saı	General Comments:
		46
	4	Time (hrs): 148 River Mile (Site): 12.10
ы Щ	7	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
520	2	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
	4	HD Status: OK Other: Not installed
Na2	Ž	
/2015 -C Na2S2O3-E		Color: Clear Muddy Tea Milky Other:
7/21/2018 304-C		Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Jate: 7/21/2016 H2SO4-C	240870	
Jate: 7/21/2016 H2SO4-C	240870	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Jate: 7/21/2016 H2SO4-C	240870	Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other:
Sample Date: 7/21/2016 HNO3-B H2SO4-C	OSTU G-SONE	Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): ΦΤ Sp. Cond. (μmhos/cm): ΦΤ Dissolved Oxygen (mg/L): 11.05 D.O. (%): 14.1 Temperature (°C): 24.06 pH (s.u.): Φ 0.2
)ate: 7/21/2016 H2SO4-C	OSTU G-SONE	Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): Φ 1 Sp. Cond. (μmhos/cm): Φ 1 Dissolved Oxygen (mg/L): 11.05 D.O. (%): 14.1

None-A HNO3-B H2SO4-C Na2S2O3-E Cuyahoga River None-A HNO3-B H2SO4-C Na2S2O3-E River Mile 12.10 Sample Date: 7/28/2015 12:50:00 PM R-1507270010 Cuyahoga River

River Mile 11.30

R-1507270009

Sample Date: 7/28/2015 12:50:00 PM

Sample ID:

Samp

NEORSD Surface Water Condition Sampling Field Data Form
Stream: Cyshogn Date: 7/35/15 Collectors: MM/DP
Gage Station and ID: Daily Mean Discharge: ft³/sec
Was this sample taken during or following a wet weather event? YES NO
Water Quality Meters Used:
Time (hrs): Niver Mile (Site):
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Other:
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (μmhos/cm): 909,9
Dissolved Oxygen (mg/L): S.J. D.O. (%): 78.9
Temperature (°C): pH (s.u.): 8,57
Turbidity 1 (NTU): 270 Turbidity 2 (NTU): 290 Average (NTU): 293
General Comments:
Time (hrs): River Mile (Site):
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Other:
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (μmhos/cm): 588 6 Sp. Cond. (μmhos/cm): 898
Dissolved Oxygen (mg/L): 8,78 D.O. (%): 99.5
Temperature (°C): 24,184 pH (s.u.): 8,59
Turbidity 1 (NTU): 3,33 Turbidity 2 (NTU): 3,33 Average (NTU): 3,37
General Comments:

	Stream: Chyanga RIVIT Date: 7/28/15 Collectors: 12. Maichie/K. Amido
	Gage Station and ID: Daily Mean Discharge: ft ³ /sec
	Was this sample taken during or following a wet weather event? YES NO
	Water Quality Meters Used: 1000 X L 11 R 11 HACH 120227-50 LOS
	Time (hrs): 1022 River Mile (Site): RM 7.00
	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady-Rain Heavy Snow Melt Other:
ы П	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
7.00 M	HD Status: OK Other: NA
<i>0005</i> River Mile 7.00 16 12:50:00 PM O4-C Na2S2O3-E	Color: Clear Muddy Tea Milky Other:
05 er N 2:50:	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
700 Riv 916 1	Surface Coating: None Foam Oily Scum Other:
R-1507270005 oga River River Mile 7, ample Date: 7/28/2015 12:50:00 PM	Field Parameters: Conductivity (μmhos/cm): 94 Sp. Cond. (μmhos/cm): 9100
-15(rer te: 7	Dissolved Oxygen (mg/L): 9,40 D.O. (%): 1/2,2
R-15 River le Date:	Temperature (°C): 23.98 pH (s.u.): 7.90
loga samp	Turbidity 1 (NTU): 5 . 14 Turbidity 2 (NTU): 5 . 49 Average (NTU): 5 . 32
Cuyahoga Sample Vone-A HI	General Comments:
ٽ _ڳ	missing gravel har
	Time (hrs): 1057 River Mile (Site): 247.75
	Weather: Partly Cloudy. Overcast Light Rain/Showers Heavy Rain - Steady Rain Heavy Snow Melt Other:
	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
2.75 M S203-E	HD Status: OK Other: N/A
	Color: Clear Muddy Tea Milky Other:
R-1507270003 noga River River Mile Sample Date: 7/28/2015 12:50:00 P A HNO3-B H2SO4-C Na2	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
03 /er 12:5(Surface Coating: None Foam Oily Scum Other:
700 Riv 2015 SO	Field Parameters: Conductivity (μmhos/cm): 1060 Sp. Cond. (μmhos/cm): 1009
072 7/28/	Dissolved Oxygen (mg/L):
R-1507270003 a River River ple Date: 7/28/2015 12:6 HNO3-B H2SO4-C	Temperature (°C): $\frac{\lambda}{2}$, $\frac{\lambda}{6}$ pH (s.u.): $\frac{8.04}{1.00}$
A Right Pole D	Turbidity 1 (NTU): 10.8 Turbidity 2 (NTU): 10.7 Average (NTU): 10.8
hog: Sami	General Comments:
R-15 Cuyahoga River Sample Date: None-A HNO3-E	
U Z	

R-1508030015 Cuyahoga River River Mile 11.30 Sample Date: 8/4/2016 None-A HNO3-B H2SO4-C Na2S2O3-E

R-1508030016	Cuyahoga River River Mile 12.10	Sample Date: 8/4/2015	None-A HNO3-B H2SO4-C Na2S2O3-E
	Cuya		None

NEURSD Surface Water Condition Sampling Field Data Form
Stream: Cuychyck Date: Aug4, 15 Collectors: Zabloty Preciden
Gage Station and ID: Independence OY208000 Daily Mean Discharge: 339 ft ³ /sec
Was this sample taken during or following a wet weather event?
Water Quality Meters Used:
Time (hrs): River Mile (Site): 11.30
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: Other:
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (μmhos/cm): 978,7 Sp. Cond. (μmhos/cm): 1001
Dissolved Oxygen (mg/L): 7. 6 D.O. (%): 90.4
Temperature (°C): 23.82 pH (s.u.): 8,30
Turkidia 1 OFFI
General Comments:
Time (hrs): 948 River Mile (Site): 121/0
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Other:
Color: Clear Muddy Tea Milky Other:
Odor: Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (µmhos/cm): 974.4 Sp. Cond. (µmhos/cm): 1004.6
Dissolved Oxygen (mg/L): /0, 9 D.O. (%): 81.9
Temperature (°C): 23 8 pH (s.u.): 0, 28
Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 5./0
General Comments:

None-A HNO3-B H2SO4-C Na2S2O3-E River Mile 8.60 Sample Date: 8/4/2015 R-1508030012 Cuyahoga River None-A HNO3-B H2SO4-C Na2S203-E

River Mile 7.00

R-1508030011 Cuyahoga River River N

Sample Date: 8/4/2015

Turbidity 1 (NTU):

General Comments:

Sample ID:

NEORSD Surface Water Condition Sampling Field Data Form
Stream: Cuyahiga Date: 8/4/15 Collectors: Zablotng/Friema
Gage Station and ID: Daily Mean Discharge: ft³/sec
Was this sample taken during or following a wet weather event?
Water Quality Meters Used: EXO C
Water Quality Meters Used: EXO C Time (hrs): River Mile (Site): 8.60
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Other:
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (µmhos/cm): 980. Sp. Cond. (µmhos/cm): 1000. 8
Dissolved Oxygen (mg/L): 7.72 D.O. (%): 91.3
Temperature (°C): 23.45 pH (s.u.): 7.99
Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 4.18
General Comments:
Time (hrs): // 2 S River Milė (Site):
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Other:
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (µmhos/cm): 978-9 Sp. Cond. (µmhos/cm): 1008.3
Dissolved Oxygen (mg/L): 32 D.O. (%): 86.3
Temperature (°C): 23,47 pH (s.u.): 7,88

Turbidity 2 (NTU):

Average (NTU): _

			Stream: Chunhuga Date: 8/11/15 Collectors: M. Mattson/16. Amidon	
			Gage Station and ID: Daily Mean Discharge: ft ³ /sec	
			Was this sample taken during or following a wet weather event? YES/NO	
			Water Quality Meters Used: EVO ('') ' HACH 120277-Shug	
		Ti	me (hrs): 1035 River Mile (Site): River Mile (Site)	
	-	Ä H	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:	
1.30		20;	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood	
<u>a</u>)	Na2S2O3-E	HD Status: OK Other:	
≅ .i⊠	015		Color: Clear Muddy Tea Milky Other:	
<i>R-1508100009</i> iver River Mile 11.30	Sample Date: 8/11/2015	H2S04-C	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:	
810 F	ite: 8	42S(Surface Coating: None Foam Oily Scum Other:	^
150 sr	le Da		Field Parameters: Conductivity (μmhos/cm): 129. Sp. Cond. (μmhos/cm): 129.	
River	samp	HNO3-B	Dissolved Oxygen (mg/L): D.O. (%): D.O. (%):	
ga)	É	Temperature (°C): 22 · 11 \ pH (s.u.): 7 · 73	
Cuyahoga		e-A	Turbidity 1 (NTU): 10. S Turbidity 2 (NTU): 15. Average (NTU): 15.8 X 10 X = 15.	5
Cuy	,	None-A	General Comments:	2
		·		
		Ti	ime (hrs): 1055 River Mile (Site): 17.10	
			Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:	
	L	ų	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood	
2.10	Š	3-503-E	HD Status: OK Other: NA	
~			Color: Clear Muddy Tea Milky Other:	
River Mile	15 No.2		Odor: Normal Petroleum Anaerobic Sewage Chemical Other:	
iver	8/11/2015		Surface Coating: None Foam Oily Scum Other:	
River			Field Parameters: Conductivity (μmhos/cm): ΤΤΥ . D Sp. Cond. (μmhos/cm): 🐰 [Τ . D]	
•			Dissolved Oxygen (mg/L): 10.85 D.O. (%): 78.4	
ive	Sample [Temperature (°C): 21.920 pH (s.u.): 7.710	
Cuyahoga River	Sa		Turbidity 1 (NTU): 18.5 Turbidity 2 (NTU): 19.9 Average (NTU): 19.2 X5X = 96.	D
joqu	Ą		General Comments:	ئب
uya	None-A		5x turnidity dilution	
0	Ž			

6	00.7		2S203-E
R-1508100005	vahoga River River Mile 7.00	Sample Date: 8/11/2015	B U2SO4-C Na2S2O3-E

Sec. 2	NEORSD Surface Water Condition Sampling Field Data Form
-, -	Stream: Cuyshoga Date: Of 11/15 Collectors: E, Sachalen, D. Millips
	Gage Station and ID: Daily Mean Discharge: ft³/sec
	Was this sample taken during or following a wet weather event? YES / NO
	Water Quality Meters Used: LOOKL SALA
щ	Water Quality Meters Used: LOOK In, IA Time (hrs): 1060 River Mile (Site): 5 9
Mile 5.90 6 Na2S2O3-E	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
River Mile 1/11/2016 04-C Na2	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
1/20 1-7-0 1-C	HD Status: OK Other: Water 15 too experited to see HD
H2SO4-C	Color: Clear Muddy Tea Milky Other:
Date	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
ga River M Sample Date: 8/11/2015 MNO3-B H2SO4-C N	Surface Coating: None Foam Oily Scum Other:
	Field Parameters: Conductivity (μmhos/cm): 650 Sp. Cond. (μmhos/cm): 684
Cuyanoga Kiver Sample Vone-A MNO3-E	Dissolved Oxygen (mg/L): 691 (0.60 D.O. (%): 81.80 76.0
Cuyand	Temperature (°C): OO PH (s.u.):
2	Turbidity 1 (NTU): 30 , Turbidity 2 (NTU): 30 , 3 Average (NTU): $30 \cdot 4 \times 5 = 151$
S	General Comments:
щ	Time (hrs): 9:07 River Mile (Site): 7.00
.2016 -C Na2S2O3-E	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
15 Na	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
	HD Status: OK Other: Water is too described to see H)
sample Date: 8/11 HNO3-B H2SO4	Color: Clear Muddy Tea Milky Other:
Date 3 H;	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
mple	Surface Coating: None Foam Oily Scum Other:
Sa HN	Field Parameters: Conductivity (μmhos/cm): 639 Sp. Cond. (μmhos/cm):
Phog	Dissolved Oxygen (mg/L): 7.04 D.O. (%): 81.1
Cuyahoga KIVer Sample None-A HNO3-E	Temperature (°C): 77. 30 pH (s.u.):
0 2	Turbidity 1 (NTU): 24.8 Turbidity 2 (NTU): 23,5 Average (NTU): 24.4 x 10 = 24.6
	General Comments:
-G. G.	

	Gage Station and ID: Daily Mean Discharge: ft ³ /sec
	Was this sample taken during or following a wet weather event? YES / NO
щ	Water Quality Meters Used: 1100 V U A 11
1.30	Time (hrs):
Ja River River Mile 11.30 Sample Date: 8/18/2016 HNO3-B H2SO4-C Na2S2O3-E	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
iver 18/20 14-C	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
Ri e: 8/ 2SQ	HD Status: OK Other: Not-found muddu
liver River ample Date: 8/18/20 O3-B H2SO4-C	Color: Clear Muddy Tea Milky Other:
River River Mi Sample Date: 8/18/2015 NO3-B H2SO4-C N	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
ga F Si HN	Surface Coating: None Foam Oily Scum Other:
Cuyahoga River Sample None-A HNO3-B	Field Parameters: Conductivity (μmhos/cm): Sp. Cond. (μmhos/cm): Δυ
Cuyaho None-A	Dissolved Oxygen (mg/L): D.O. (%):
	- 000
Sample ID	Temperature (°C): 24.5 pH (s.u.):
	Turbidity 1 (NTU): 24, Turbidity 2 (NTU): 24,6 General Comments:
ų	Turbidity 1 (NTU): 24,
ile 12.10 la2S2O3-E	Turbidity 1 (NTU): 24, General Comments: Time (hrs): 100 River Mile (Site): 12, 10 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain
ile 12.10 la2S2O3-E	Turbidity 1 (NTU): 24, Turbidity 2 (NTU): 24,6 General Comments: Time (hrs): 1005 River Mile (Site): 12,10 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain
ile 12.10 la2S2O3-E	Turbidity 1 (NTU): 24. Turbidity 2 (NTU): 24.6 Average (NTU): 24.4 General Comments: Time (hrs): 1005 River Mile (Site): 12.10 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
ile 12.10 la2S2O3-E	Turbidity 1 (NTU): 24. Turbidity 2 (NTU): 24.6 Average (NTU): 24.4 General Comments: Time (hrs): 0 5
River Mile 12.10 Date: 8/18/2016 H2SO4-C Na2S2O3-E	Turbidity 1 (NTU): 24. Turbidity 2 (NTU): 24.6 Average (NTU): 24.4 General Comments: Time (hrs):
River Mile 12.10 Date: 8/18/2016 H2SO4-C Na2S2O3-E	Turbidity 1 (NTU): 24.
oga River River Mile 12.10 Sample Date: 8/18/2015 HNO3-B H2SO4-C Na2S2O3-E	Turbidity 1 (NTU): 24. Turbidity 2 (NTU): 24.6 Average (NTU): 24.4 General Comments: Time (hrs): 1005 River Mile (Site): 12.10 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Normal Petroleum Anaerobic Sewage Chemical Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 953 Sp. Cond. (µmhos/cm): 960
yahoga River River Mile 12.10 Sample Date: 8/18/2016 ne-A HNO3-B H2SO4-C Na2S2O3-E	Turbidity 1 (NTU): 24.
River Mile 12.10 Date: 8/18/2015 H2SO4-C Na2S2O3-E	Turbidity 1 (NTU): 24. Turbidity 2 (NTU): 24.6 Average (NTU): 24.4 General Comments: Time (hrs): 1005 River Mile (Site): 12.10 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Normal Petroleum Anaerobic Sewage Chemical Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 953 Sp. Cond. (µmhos/cm): 960

8	Odor: Normal Petroleum Anaerobic Sewage C
	Surface Coating: None Foam Oily Scum
	Field Parameters: Conductivity (µmhos/cm): 6 9 Sp
	Dissolved Oxygen (mg/L): 6 .4 6
Ö	Temperature (°C): 24.54
Sample ID	Turbidity 1 (NTU): 16. Turbidity 2 (NTU): 15.0
Samı	General Comments: River elevated due to R
01	Contra Comments.
	Time (hrs): 935 River Mile (Site):
ь Na2S2O3-E	Weather: Clear Partly Cloudy Overcas Light Rain/Showers Steady Rain Heavy Snow Melt Other:
282	Flow: Dry Intermittent Minimal Baseline/Normal
Pa Na	HD Status: OK Other: too med day
Sample Date: 8/18/2016 NO3-B H2SO4-C	Color: Clear Muddy Tea Milky
ate: 8/18/20 H2SO4-C	Odor: Normal Petroleum Anaerobic Sewage C
Date H2	Surface Coating: None Foam Oily Scum
Sample HNO3-B	921
San	on a constant of the constant
'	Dissolved Oxygen (mg/L):
e-A	Temperature (°C):

Cuyahoga River

NEORSD Surface Water Condition Sampling Field Data Form

Collectors:

Heavy Rain

Other:

Chemical

Elevated

Chemical

Other:

Sp. Cond. (µmhos/cm): D.O. (%):

pH (s.u.):

Average (NTU)

Other:

Sp. Cond. (µmhos/cm): D.O. (%): pH (s.u.): Average (NTU):

Heavy Rain

Other:

Flood

Other:

Flood

Other:

Light Rain/Showers

Milky

Other: Baseline/Normal

didnot

Tea

Turbidity 2 (NTU):

River Mile 7.00

R-1508170005

Sample Date: 8/18/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

Date: 8/18/15

River Mile (Site):

Overcast

Gage Station and ID: Independence 04208000 Daily Mean Discharge:

Was this sample taken during or following a wet weather event?

Partly Cloudy

Intermittent

OK

Heavy Snow Melt

Muddy

Minimal

Other:

Water Quality Meters Used:

Clear

Clear

Steady Rain

Dry

Turbidity 1 (NTU):

General Comments:

Time (hrs):

Weather:

Flow:

Color:

HD Status:

Modified January 28, 2015

ft3/sec

R-1507130007 Euclid Creek River Mile 1.65 Sample Date: 7/14/2016 None-A HNO3-B H2SO4-C Na2S2O3-E

Reaction 1507130006 (Euclid Creek River Mile 0.55 (EM5)

Sample Date: 7/14/2015

	Gage Station and ID: USGS 042 h 8 7 0 0 Daily Mean Discharge: 148.70 ft ³ /sec
ų	Was this sample taken during or following a wet weather event?
Na2S203-E	Water Quality Meters Used: 600 x L unit "A" HACH 120227-5068
1252	Time (hrs): 9:33 River Mile (Site): 1.65
	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
7-+007	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
	HD Status: OK Other:
	Color: Clear Muddy Tea Milky Other:
	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
	Surface Coating: None Foam Oily Scum Other:
	Field Parameters: Conductivity (μmhos/cm): 806 Sp. Cond. (μmhos/cm): 881
	Dissolved Oxygen (mg/L): 80 D.O. (%): 99.3
.: D	Temperature (°C): <u>10,57</u> pH (s.u.): <u>8,00</u>
Sample ID:	Turbidity 1 (NTU): 1059 Turbidity 2 (NTU): 1076 Average (NTU): 1068
Sarr	General Comments:
щ	
3	ime (hrs): 9:53 River Mile (Site): RM 0.55
a2S203	ime (hrs): 9:53 River Mile (Site): RM 0.55 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
	ime (hrs): 9:53 River Mile (Site): RM 0.55 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
	Meather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other:
2004-C Na2S203-E	Tion. Diy internited Training District Tollian District
	HD Status: OK Other:
7-+00-	HD Status: OK Other: Color: Clear Muddy Tea Milky Other:
J-400511	HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other:
12304-C Na2S203	HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 827 Sp. Cond. (μmhos/cm): 896
1	HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 827 Sp. Cond. (μmhos/cm): 896 Dissolved Oxygen (mg/L): 9,29 D.O. (%): 1896
	HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 727 Sp. Cond. (μmhos/cm): 896 Dissolved Oxygen (mg/L): 9,29 D.O. (%): 1894 4 Temperature (°C): 20,96 pH (s.u.): 7,09
	HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 827 Sp. Cond. (µmhos/cm): 896 Dissolved Oxygen (mg/L): 9,29 D.O. (%): 189,44 Temperature (°C): 20,96 pH (s.u.): 8,09

FB-1507130001 Field Blank Sample Date: 7/14/2016 None-A HNO3-B H2SO4-C Na2S2O3-E

		1//////////////////////////////////////	1	-/		M. I
	Stream: Evcli	1 Creek Date: 07/14/1	Col	lectors: £.5	cholen J.	VICI
		USGS 04208700			48.76	_ft³/sec
	Was this sample taker	during or following a wet weather e	event?	YES NO		
	Water Quality Meters	Used: 600+L unit	'A' t	tACH 1207	7750U8	
1	ime (hrs): 9,58	River Mile (Site)): RMO. 4	55 Fie	id Blank	
		Partly Cloudy Overcast Lig Heavy Snow Melt Ot	-			
LOCTH	Flow: Dry Into	ermittent Minimal Baselin	e/Normal	Elevated Flo	ood	
Ž	HD Status:	OK Other:				
5-0 0	Color: Clear	Muddy Tea	Milky	Other:		
HN03-B	Odor: Normal	Petroleum Anaerobic	Sewage	Chemical	Other:	
4	Surface Coating:	None Foam Oily	Scum	Other:		
None-A	Field Parameters:	Conductivity (µmhos/cm):		Sp. Cond. (µmhos	s/cm):	
2	18.10.1	Dissolved Oxygen (mg/L):		D.O. (%)):	
.: D:		Temperature (°C):		pH (s.u.)		
ple ID:	Turbidity I (NTU):					
Sample ID:		Turbidity 2 (NTU)): 0.07	Average (N		
Sample ID:	Turbidity I (NTU): General Comments:): 0.07	Average (N		
Sample ID:		Turbidity 2 (NTU)): 0.07	Average (N		
	General Comments:	Turbidity 2 (NTU)): 0.07	Average (N	NTU):	09
	General Comments: Time (hrs): Weather: Clear	Turbidity 2 (NTU)): <u>0.07</u>):	Average (N	NTU):	09
	General Comments: Time (hrs): Weather: Clear Steady Rain	River Mile (Site) Partly Cloudy Overcast Lig): 0.07): ght Rain/Showe	Average (N	NTU):	09
	General Comments: Time (hrs): Weather: Clear Steady Rain Flow: Dry Inte	River Mile (Site) Partly Cloudy Overcast Lig Heavy Snow Melt Other): 0.07): ght Rain/Showe	Average (N	NTU):	09
	General Comments: "ime (hrs): Weather: Clear Steady Rain Flow: Dry Inte	River Mile (Site) Partly Cloudy Overcast Lig Heavy Snow Melt Ott):	Average (N	NTU):	09
	General Comments: "ime (hrs): Weather: Clear Steady Rain Flow: Dry Inte	River Mile (Site) Partly Cloudy Overcast Lig Heavy Snow Melt Othermittent Minimal Baselin OK Other:):	Average (N	NTU):	09
	General Comments: Weather: Clear Steady Rain Flow: Dry Inte	River Mile (Site) Partly Cloudy Overcast Lig Heavy Snow Melt Other OK Other: Muddy Tea):	Average (N Elevated Flo Other:	Rain	09
	General Comments: Weather: Clear Steady Rain Flow: Dry Inte HD Status: Color: Clear Odor: Normal	River Mile (Site) Partly Cloudy Overcast Lig Heavy Snow Melt Other Termittent Minimal Baselin OK Other: Muddy Tea Petroleum Anaerobic	c):	Average (N Elevated Flo Other:	Rain Other:	09
T	General Comments: Weather: Clear Steady Rain Flow: Dry Inte HD Status: Color: Clear Odor: Normal Surface Coating:	River Mile (Site) Partly Cloudy Overcast Lig Heavy Snow Melt Other: Muddy Tea Petroleum Anaerobic None Foam Oily):	Average (Notes) Elevated Floor Other: Chemical Other: Sp. Cond. (µmhos	Rain Other:	09
T	General Comments: Weather: Clear Steady Rain Flow: Dry Inte HD Status: Color: Clear Odor: Normal Surface Coating:	River Mile (Site) Partly Cloudy Overcast Lig Heavy Snow Melt Other: Muddy Tea Petroleum Anaerobic None Foam Oily Conductivity (µmhos/cm):	c):	Average (N Elevated Flo Other: Chemical Other: Sp. Cond. (µmhos	Rain Other: s/cm):	09
	General Comments: Weather: Clear Steady Rain Flow: Dry Inte HD Status: Color: Clear Odor: Normal Surface Coating: Field Parameters:	River Mile (Site) Partly Cloudy Overcast Lighteny Snow Melt Othermittent Minimal Baselin OK Other: Muddy Tea Petroleum Anaerobic None Foam Oily Conductivity (µmhos/cm): Dissolved Oxygen (mg/L):):	Average (Notes) Elevated Floor Other: Chemical Other: Sp. Cond. (µmhost D.O. (%) pH (s.u.)	Rain Other: s/cm):	09

R-1507060008 Euclid Creek River Mile 0.55 (EM5) Sample Date: 77/2015 Sample II None-A HNO3-B H2SO4-C Na2S2O3-E

Sample Date: 77/2015 None-A HNO3-B H2SO4-C Na2S2O3-E

River Mile 1.65

Euclid Creek River

NEORSD Surface Water Condition Sampling Field Data Fo	orm
Stream: Evelid Creek Date: 07/07/15 Collectors: E.So.	ehnlen, D. Friedman
Gage Station and ID: USGS 04208700 Daily Mean Discharge:	149.104 ft³/sec
Was this sample taken during or following a wet weather event? YES NO	
Water Quality Meters Used: EXO 1 Unit "C"	
ne (hrs): 1702 hvs River Mile (Site): RM 0.5	5
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heave Steady Rain Heavy Snow Melt Other:	y Rain
Flow: Dry Intermittent Minimal Baseline/Normal Elevated I	Flood
HD Status: OK Other:	
Color: Clear Muddy Tea Milky Other	
Odor: Normal Petroleum Anaerobic Sewage Chemical	Other:
Surface Coating: None Foam Oily Scum Other:	
Field Parameters: Conductivity (μmhos/cm): 12 17.5 Sp. Cond. (μmh	os/cm): 1255,4
Dissolved Oxygen (mg/L): 11.05 D.O. (9	(6): 130,3 high
Temperature (°C): 23.418 pH (s.	1.): 8,28
Turbidity 1 (NTU): Average	
-	0:117
ne (hrs): 11:30 River Mile (Site): 1,65	Lancard L
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Steady Rain - Heavy Snow Melt Other:	y Rain
Flow: Dry Intermittent Minimal Baseline/Normal Elevated F	ilood
HD Status: OK Other:	
Color: Clear Muddy Tea Milky Other	:
Odor: Normal Petroleum Anaerobic Sewage Chemical	
Surface Coating: None Foam Oily Scum Other:	
Field Parameters: Conductivity (µmhos/cm): 1/59. Z Sp. Cond. (µmhos/cm)	os/cm): 1224, 8
Dissolved Oxygen (mg/L): 10,38 D.O. (%	
Temperature (°C): 22,195 pH (s.u.	1.): 8.28
Turbidity I (NTU): Turbidity 2 (NTU): Average	
General Comments: Bump Tested Exo 1 Do seem	high
LDO - 8.43 mg/L	V
exo -> 8.33	

	Gage Station and ID: USGS 54208700 Daily Mean Discharge: 59.28 ft³/se
	Was this sample taken during or following a wet weather event? YES/NO
	Water Quality Meters Used: EXD ("C" HACH 12D227-SDUR
	Time (hrs): 1/32 River Mile (Site):
ш- е	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Na2S203-E	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
Na2	HD Status: OK Buried Out of Water H-D was Reset
	Unknown (river too high) Missing Not Installed Flow: fps
	Color: Clear Muddy Tea Milky Other:
NO3-B H2S	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
m m	Surface Coating: None Foam Oily Scum Other:
HNO3-B	Field Parameters: Conductivity (µmhos/cm): 94113 Temperature (°C): 19392
	Dissolved Oxygen (mg/L): 8,3 pH (s.u.): 7,87
4	Turbidity (NTU): 10,48
2	
None-A	General Comments: Sp. cond = 949. V +07. = 90.8
	General Comments:
	General Comments: <u>Sp. cond = 949.0</u> ho/.= 90.8
	General Comments: Sp. cond = 949.0 hol. = 90.8 Time (hrs): River Mile (Site): 1.0.5 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain
Na2S203-E	General Comments: Sp. Cond = 949.0 hol. = 90.8 Time (hrs): River Mile (Site): 1.0.5 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
-C Na2S203-E	General Comments: Sp. Cond = 949.0 hol. = 90.8 Time (hrs): River Mile (Site): Los Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset
C Na2S203-E	General Comments: Sp. Cond = 949.0
H2SO4-C Na2S203-E	General Comments: Sp. Cond = 949.0 River Mile (Site): Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other:
H2SO4-C Na2S203-E	General Comments: Sp. Cond = 949 10 10/1. = 90 18 Time (hrs): River Mile (Site): 1.0.5 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
H2SO4-C Na2S203-E	General Comments: Sp. Cond = 949.0
-C Na2S2O3-E	General Comments: SD. CONG = 949. V 507. = 90.8 Time (hrs): River Mile (Site): V.S. Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 737. 3 Temperature (°C): 18.13.3

Stream: /- L Collectors: Gage Station and ID: USGS 642.08700 Daily Mean Discharge: Was this sample taken during or following a wet weather event? HN03-B H2SO4-C Na2S2O3-E Water Quality Meters Used: HACH 120227 River Mile 1.65 Time (hrs): Weather: Clear Partly-Gloudy Light Rain/Showers Overcast Heavy Rain Sample Date: 6/23/2015 Steady Rain Heavy Snow Melt Other: R-1506220003 Elevated Flow: Intermittent Minimal Baseline/Normal **HD Status:** OK Other: Clear Muddy Milky Other: Color: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Other: Scum None-A Conductivity (µmhos/cm): Sp. Cond. (µmhos/cm): Field Parameters: Dissolved Oxygen (mg/L): Temperature (°C): 21. Sample ID: Turbidity 2 (NTU): 16,0 Turbidity I (NTU): Average (NTU): General Comments: River Mile 0.55 (EM5) HNO3-B H2SO4-C Na2S2O3-E ime (hrs): River Mile (Site): Clear Light Rain/Showers Partly Cloudy Weather: Overcast Heavy Rain Sample Date: 6/23/2015 Steady Rain Heavy Snow Melt R-1506220002 Other: Dry Baseline/Normal Flood Flow: Intermittent Minimal OK Other: **HD Status:** Color: Clear Mudd Tea Milky Other: Petroleum Other: Odor: Normal Anaerobic Sewage Chemical Foam Other: Sk Oily Scum Surface Coating: None-A Field Parameters: Conductivity (µmhos/cm): Sp. Cond. (µmhos/cm): Dissolved Oxygen (mg/L): D.O. (%): Sample Temperature (°C): Turbidity 2 (NTU): Turbidity I (NTU): General Comments:

NEORSD Surface Water Condition Sampling Field Data Form

FB-1506220001

Field Blank Field

Field Blank

Sample Date: 6/23/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

Modified January 28, 2015

Sample ID:

NEOR	
Stream: <u>Evel</u>	Date: 6-16-15 Collectors: Zablody
	D: <u>USGS 04208700</u> Daily Mean Discharge: <u>259.85</u> ft³/sec
Was this sample take	en during or following a wet weather event?
Water Quality Meter	s Used: 120227-5018 EXO1 C
e (hrs): 11 28	River Mile (Site): Ry 0.55
	Partly Cloudy Overcast Light Rain/Showers Heavy Rain
low: Dry In	termittent Minimal Baseline/Normal Elevated Flood
ID Status:	OK Other:
Color: Clear	Muddy Tea Milky Other:
Odor: Normal	Petroleum Anaerobic Sewage Chemical Other:
	None Foam Oily Scum Other:
ield Parameters:	Conductivity (μmhos/cm): 508.9 Sp. Cond. (μmhos/cm): 548
	Dissolved Oxygen (mg/L): 3 (4) D.O. (%): 97.
	78-10-1
	Temperature (°C): 2 pH (s.u.): 9,00
Turbidity I (NTU)	Temperature (°C): 2 0 pH (s.u.): 8,00 i: 17.2 SX DI Jurbidity 2 (NTU): 14.7 SXDI Average (NTU): 455
Turbidity I (NTU) General Comments:	Dissolved Oxygen (mg/L):
	Temperature (°C): 21, 10 pH (s.u.): 9,00 17.2 SX DI Jurbidity 2 (NTU): 10.7 SXDI Average (NTU): 45
	Temperature (°C): 2 , 0 pH (s.u.): 9,00 17.2 5x Di Jurbidity 2 (NTU): 16.7 5xDi Average (NTU): 655
General Comments:	(b) 1A a
General Comments:	River Mile (Site): RM 1.65
General Comments: e (hrs):	River Mile (Site): RM 1.65
e (hrs): Dear Veather: Clear Steady Rain	River Mile (Site): Partly Cloudy Overcast Light Rain/Showers Heavy Rain
e (hrs): Dear Veather: Clear Steady Rain	River Mile (Site): Partly Cloudy Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: Dermittent Minimal Baseline/Normal Elevated Flood OK Other:
e (hrs): Clear Steady Rain	River Mile (Site): Partly Cloudy Overcast Heavy Rain Heavy Snow Melt Other: Dermittent OK Other:
General Comments: e (hrs): Veather: Steady Rain Flow: Dry Int	River Mile (Site): Partly Cloudy Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: Dermittent Minimal Baseline/Normal Elevated Flood OK Other:
General Comments: e (hrs):	River Mile (Site): Partly Cloudy Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: ermittent Minimal Baseline/Normal Elevated Flood OK Other: Muddy Tea Milky Other: Petroleum Anaerobic Sewage Chemical Other: None Foam Oily Scum Other:
General Comments: (hrs):	River Mile (Site): Partly Cloudy Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: Dermittent Minimal Baseline/Normal Elevated Flood OK Other: Muddy Tea Milky Other: Petroleum Anaerobic Sewage Chemical Other:
General Comments: e (hrs): Veather: Steady Rain Clow: Dry Int HD Status: Color: Clear Odor: Normal Surface Coating:	River Mile (Site): Partly Cloudy Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: ermittent Minimal Baseline/Normal Elevated Flood OK Other: Muddy Tea Milky Other: Petroleum Anaerobic Sewage Chemical Other: None Foam Oily Scum Other:
General Comments: e (hrs): Veather: Steady Rain Clow: Dry Int HD Status: Color: Clear Odor: Normal Surface Coating:	River Mile (Site): Partly Cloudy Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: ermittent Minimal Baseline/Normal Elevated Flood OK Other: Muddy Tea Milky Other: Petroleum Anaerobic Sewage Chemical Other: None Foam Oily Scum Other: Conductivity (µmhos/cm): Sp. Cond. (µmhos/cm): Solved
General Comments: e (hrs): Veather: Steady Rain Clow: Dry Int HD Status: Color: Clear Odor: Normal Surface Coating:	River Mile (Site): Partly Cloudy Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: ermittent Minimal Baseline/Normal Elevated Flood OK Other: Muddy Tea Milky Other: Petroleum Anaerobic Sewage Chemical Other: None Foam Oily Scum Other: Conductivity (µmhos/cm): 483.9 Sp. Cond. (µmhos/cm): 53/-3 Dissolved Oxygen (mg/L): 8.52 D.O. (%): 9(e)/ Temperature (°C): 31/-35 PH (s.u.): 8.00

AE 1506/5/6

River Mile 0.12

River Mile 8.30

Mill Creek

K-1506150010

Sample Date: 6/16/2015

R-1506150006

Sample Date: 6/16/2015

	Gage Station and ID: Daily Mean Discharge: ft ³ /sc
	Was this sample taken during or following a wet weather event?
	Water Quality Meters Used:
	Time (hrs): River Mile (Site):
	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
ŀ	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
	HD Status: OK Other:
	Color: Clear Muddy Tea Milky Other:
	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
	Surface Coating: None Foam Oily Scum Other:
	Field Parameters: Conductivity (µmhos/cm): 521.8 Sp. Cond. (µmhos/cm): 563.9
	Dissolved Oxygen (mg/L): 8.06 D.O. (%): 90.9
	Temperature (°C): 7.88
	Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 13 8 General Comments: F2000 Corposes - No Shaws, 0001
-	General Comments: FLOW CONDITIONS - NO SALENS, DOOR
-	General Comments
-	General Comments: Floss corposes - No Stears, OOSA
	General Comments: Flow corposits - No Silents, 2001 Time (hrs): 10.50 River Mile (Site): River Mile (S
	General Comments: Flow: General Comments: River Mile (Site): River Mile (Site): Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
	General Comments: Flow: D. 50 River Mile (Site): Ready Rain Reavy Rain
	General Comments: Flow: D. S.C. River Mile (Site): R. S.C.
	General Comments: Tool Corposit No Shears Ooon
	General Comments: Time (hrs):
	General Comments: Tool Corposit - No Silests Oool
	General Comments: Time (hrs): D. 5

Stream: Mill Creek	Date: 06/23/16 Collectors: Seehnlen/1	taich/e
Gage Station and ID:	Daily Mean Discharge:	ft³/sec
Was this sample taken during or fo		ita il il il il il il il il il il il il il
Water Quality Meters Used:	YST GXOI "C"	
$\alpha, \alpha \alpha$	River Mile (Site): 0, Z	Juli .
	dy Overcast Light Rain/Showers Heavy Rain Snow Melt Other:	
Flow: Dry Intermittent	Minimal Baseline/Normal Elevated Flood	
HD Status: OK	Other:	uia.rui-
Color: Clear	Tea Milky Other:	
Odor: Normal Petroleum	Anaerobic Sewage Chemical Other:	d and
Surface Coating: None	Foam Oily Scum Other: Washy De	,6005
Field Parameters: Conductivity	y (μmhos/cm): <u>706, 4</u> Sp. Cond. (μmhos/cm):	533.7
Dissolved O	xygen (mg/L): <u> </u>	5.0
50xdilution Ter	nperature (°C):	92
	Turbidity 2 (NTU): 7, 47 Average (NTU): 7,	76×50=438
General Comments:		ر العال
Wear pti	sunsferced in ISCO OFF - DEPONT OF 2	50 uL
12 (11)		
Time (hrs): <u>557</u>	River Mile (Site): 0.70	Birman
	y Overcast Light Rain/Showers Heavy Rain	
	Minimal Baseline/Normal Elevated Flood	
HD Status: OK	Other:	
Color: Clear Muc	ddy Tea Milky Other:	
Odor: Normal Petroleum	Anaerobic Sewage Chemical Other:	
Surface Coating: None	Foam Oily Scum Other:	A me
Field Parameters: Conductivity	(μmhos/cm): 303, 2 Sp. Cond. (μmhos/cm): 32	28.6
	kygen (mg/L): 6,50 D.O. (%): 95,	
204 dilution Tem	perature (°C): 20,974 pH (s.u.): 7.89	
Turbidity I (NTU): 20.5		
General Comments:	· Carronnum	
Field Blank FB-	002 collected at 09:05 gite e	levated
taken from Kine	TB "v. bidity - 1! 0,09	2:0.12
FB-15062	20002 AUC:	0:11
Field Blank		anuary 28, 2015

Sample Date: 6/23/2015 None-A HNO3-B H2SO4-C Na2S2O3-E

Time (hrs): 10:04 River Mile (Site): 2,75 Weather: Clear Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain House Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 249,9 Temperature (*C): 21,375 PH (s.u.): 8,06 Time (hrs): 10:44 River Mile (Site): 7,75 River Mile (Site): 2,75 Time (hrs): 10:44 River Mile (Site): 12,14 River Mile (Site): 12,14 River Mile (Site): 12,14 River Mile (Site): 12,14 River Mile (Site): 13,14 River Mile (Site):		NEORSD Surface Water Condition Sampling Field Data Form
Was this sample taken during or following a wet weather event? Water Quality Meters Used: Time (hrs): 10.004 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Other: Steady Rain Heavy Snow Melt Other: Color: Clear Muddy Tea Milky Other: Color: Clear Muddy Tea Milky Other: Color: Clear Muddy Tea Milky Other: Conductivity (µmhos/cm): 247.9 Sp. Cond. (µmhos/cm): 269.1 Time (hrs): 10.14 Weather: Clear Pertoleum Anaerobic Sewage Chemical Other: Color: Clear Muddy Tea Milky Other: Conductivity (µmhos/cm): 247.9 Sp. Cond. (µmhos/cm): 269.1 Dissolved Oxygen (mg/L): 7.75 Turbidity 1 (NTU): 10.1 Turbidity 2 (NTU): 12.1 Average (NTU): 11.5 x 57 = 57.5 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Time (hrs): 10.14 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Time (hrs): 10.14 River Mile (Site): 5.30 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Time (hrs): 10.14 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.14 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (hrs): 10.15 Time (h		Stream: Hill Cick Date: 6/23/15 Collectors: 500 hn/en/Meichl.
Weather: Clear Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Color: Clear Muddy Tea Milky Other: Odor: Marmal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 249.9 Sp. Cond. (µmhos/cm): 269.1 Temperature (*Cl: 21.3.75 pH (s.u.): 8.06. Turbidity 1 (NTU): 10.7 Turbidity 2 (NTU): 11.1 Average (NTU): 11.5 x 52 = 575. Weather: Clear Partly Cloudy Overcast) Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Color: Clear Partly Cloudy Overcast) Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Color: Clear Partly Cloudy Overcast) Light Rain/Showers Heavy Rain Other: Steady Rain Heavy Snow Melt Other: Color: Clear Muddy Tea Milky Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Field Parameters: Conductivity (µmhos/cm): 5.29 Do. (%): 93.1 Dissolved Oxygen (mg/L): 7.29 Do. (%): 93.1 Dissolved Oxygen (mg/L): 7.29 Do. (%): 93.1 Turbidity 1 (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): 31.5 5 = 158		Gage Station and ID: Daily Mean Discharge: ft³/sec
Weather: Clear Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Color: Clear Muddy Tea Milky Other: Odor: Marmal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 249.9 Sp. Cond. (µmhos/cm): 269.1 Temperature (*Cl: 21.3.75 pH (s.u.): 8.06. Turbidity 1 (NTU): 10.7 Turbidity 2 (NTU): 11.1 Average (NTU): 11.5 x 52 = 575. Weather: Clear Partly Cloudy Overcast) Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Color: Clear Partly Cloudy Overcast) Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Color: Clear Partly Cloudy Overcast) Light Rain/Showers Heavy Rain Other: Steady Rain Heavy Snow Melt Other: Color: Clear Muddy Tea Milky Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Field Parameters: Conductivity (µmhos/cm): 5.29 Do. (%): 93.1 Dissolved Oxygen (mg/L): 7.29 Do. (%): 93.1 Dissolved Oxygen (mg/L): 7.29 Do. (%): 93.1 Turbidity 1 (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): 31.5 5 = 158	5 3-E	Was this sample taken during or following a wet weather event? YES / NO
Weather: Clear Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Color: Clear Muddy Tea Milky Other: Odor: Marmal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 249.9 Sp. Cond. (µmhos/cm): 269.1 Temperature (*Cl: 21.3.75 pH (s.u.): 8.06. Turbidity 1 (NTU): 10.7 Turbidity 2 (NTU): 11.1 Average (NTU): 11.5 x 52 = 575. Weather: Clear Partly Cloudy Overcast) Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Color: Clear Partly Cloudy Overcast) Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Color: Clear Partly Cloudy Overcast) Light Rain/Showers Heavy Rain Other: Steady Rain Heavy Snow Melt Other: Color: Clear Muddy Tea Milky Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Field Parameters: Conductivity (µmhos/cm): 5.29 Do. (%): 93.1 Dissolved Oxygen (mg/L): 7.29 Do. (%): 93.1 Dissolved Oxygen (mg/L): 7.29 Do. (%): 93.1 Turbidity 1 (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): 31.5 5 = 158	2.75	Water Quality Meters Used: YST EXOL "C"
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 249,9 Sp. Cond. (µmhos/cm): 769,1 Dissolved Oxygen (mg/L): 7,24 D.O. (%6): 99,9 Turbidity I (NTU): 10,7 Turbidity 2 (NTU): 11,1 Average (NTU): 11,5 x 57 = 575 General Comments: 5;4c c.l.c.ua4xd da.k.c.n Foam River Let General Comments: Sixedy Rain Heavy Snow Melt. Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 440, 7 Sp. Cond. (µmhos/cm): 471, 6 Dissolved Oxygen (mg/L): 7, 27, 97, 77, 97, 97, 97, 97, 97, 97, 97, 9	Mile 15 Na2	Time (hrs): 10:04 River Mile (Site): 2:75
Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 249.9 Sp. Cond. (µmhos/cm): 79.9 Sp. C	River Mile 8/23/2015 O4-C Na2	
Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 249.9 Sp. Cond. (µmhos/cm): 79.9 Sp. C	ate: H2S	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 249.9 Sp. Cond. (µmhos/cm): 79.9 Sp. C	ple D	HD Status: OK Other:
Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/em): 249.9 Sp. Cond. (µmhos/em): 769.1 Sp. Cond. (µmhos/em)	sami NO3	Color: Clear Muddy Tea Milky Other:
Field Parameters: Conductivity (µmhos/cm): 249,9 Dissolved Oxygen (mg/L): 7,89 Temperature (°C): 21,375 Temperature (°C	O	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Dissolved Oxygen (mg/L): \$\begin{array}{c c c c c c c c c c c c c c c c c c c	Mill	Surface Coating: None Foam Oily Scum Other:
Dissolved Oxygen (mg/L): \$\begin{array}{c c c c c c c c c c c c c c c c c c c	Nor	Field Parameters: Conductivity (µmhos/cm): 249,9 Sp. Cond. (µmhos/cm): 269,1
Temperature (°C): 21.375 pH (s.u.): 8, 02 Turbidity I (NTU): 10.7 Turbidity 2 (NTU): 12.1 Average (NTU): 11.5 x 52 = 575 General Comments: 5/++ e.levated da seem from River Uc-fo Time (hrs): 10.44 River Mile (Site): 5.30 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 440.7 Sp. Cond. (µmhos/cm): 477.6 Dissolved Oxygen (mg/L): 8.29 Dissolved Oxygen (mg/L): 3.29 Temperature (°C): 20.9144 Average (NTU): 31.5 x 5 = 158		Dissolved Oxygen (mg/L): $\sqrt{9999}$ D.O. (%): 9999
Turbidity I (NTU): 10.9 Turbidity 2 (NTU): 11.1 Average (NTU): 11.5 x 55 = 57.5 General Comments: 5.4 e. e. e. e. e. e. e. e. e. e. e. e. e.	ä	Temperature (°C): 21.375 pH (s u): \times \wedge C.
Time (hrs): 10:44 River Mile (Site): 5.30 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 440.7 Sp. Cond. (µmhos/cm): 477.6 Dissolved Oxygen (mg/L): 3.29 D.O. (%): 93.1 Temperature (°C): 20.964 PH (s.u.): 7.97 Turbidity I (NTU): 31.515 = 158	ple 1	
Time (hrs): 10:44 River Mile (Site): 5.30 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 440.7 Sp. Cond. (µmhos/cm): 477.6 Dissolved Oxygen (mg/L): 3.29 Turbidity I (NTU): 31.5 15 = 158	Sam	
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 417.6 Dissolved Oxygen (mg/L): 7.29 Dissolved Oxygen (mg/L): 7.97 Turbidity I (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): 31.5 + 5 = 158		
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 417.6 Dissolved Oxygen (mg/L): 7.29 Dissolved Oxygen (mg/L): 7.97 Turbidity I (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): 31.5 + 5 = 158		
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 417.6 Dissolved Oxygen (mg/L): 7.29 Dissolved Oxygen (mg/L): 7.97 Turbidity I (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): 31.5 + 5 = 158	3- H	Time (hrs): 10:44 River Mile (Site): 7.30
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 417.6 Dissolved Oxygen (mg/L): 7.29 Dissolved Oxygen (mg/L): 7.97 Turbidity I (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): 31.5 + 5 = 158	ile 8.30 la2S2O	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain
Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 440,7 Sp. Cond. (µmhos/cm): 477,6 Dissolved Oxygen (mg/L): 7.29 Temperature (°C): 20.964 Turbidity I (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): 31.5 + 5 = 158	= =	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 440,7 Sp. Cond. (µmhos/cm): 477,6 Dissolved Oxygen (mg/L): 7.29 Temperature (°C): 20.964 Turbidity I (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): 31.5 + 5 = 158	Rive 3/23/2 04-(HD Status: OK Other:
Field Parameters: Conductivity ($\mu mhos/cm$): 440.7 Sp. Cond. ($\mu mhos/cm$): 473.6 Dissolved Oxygen (mg/L): 8.29 Temperature (°C): 20.964 Turbidity 1 (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): $31.5.5 = 158$	- 40	Color: Clear Muddy Tea Milky Other:
Field Parameters: Conductivity ($\mu mhos/cm$): 440.7 Sp. Cond. ($\mu mhos/cm$): 473.6 Dissolved Oxygen (mg/L): 8.29 Temperature (°C): 20.964 Turbidity 1 (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): $31.5.5 = 158$	e Di	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Field Parameters: Conductivity ($\mu mhos/cm$): 440.7 Sp. Cond. ($\mu mhos/cm$): 473.6 Dissolved Oxygen (mg/L): 8.29 Temperature (°C): 20.964 Turbidity 1 (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): $31.5.5 = 158$	ek samp 103	Surface Coating: None Foam Oily Scum Other:
Temperature (°C): 20.964 pH (s.u.): 7.97 Turbidity I (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): $31.5 \times 5 = 158$	Cre S	
Temperature (°C): 20.964 pH (s.u.): 7.97 Turbidity I (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): $31.5 \times 5 = 158$	Aill (e-A	
Turbidity I (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): $31.5 \times 5 = 15\%$	Non.	Temperature (°C): 20.964 pH (s.u.): 7.97
		Turbidity 1 (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): 31.5 x 5 = 158
		General Comments:

None-A HNO3-B H2SO4-C Na2S2O3-E

Sample Date: 6/30/2015

None-A HNO3-B H2SO4-C Na2S2O3-

Sample Date: 6/30/2015

Gage Station and ID:		Daily Mean Discharge: ft³/sec
Was this sample taken	during or following a wet weathe	r event? YES NO
Water Quality Meters	Used: EVALUAT	HACH 120227-50108
	,	te): 0 . 1 2
		Light Rain/Showers Heavy Rain Other:
Flow: Dry Inte	ermittent Minimal Base	line/Normal Elevated Flood
		Out of Water H-D was Reset Not Installed Flow: fps
Color: Clear	Muddy Tea	Milky Other:
Odor: Normal	Petroleum Anaerobic	Sewage Chemical Other:
Surface Coating:	None Foam Oily	Scum Other:
Field Parameters:	Conductivity (µmhos/cm):	Temperature (°C): 110,884
I februari	Dissolved Oxygen (mg/L): 7	pH (s.u.): 7.07
		Turbidity (NTU): 15 - 9
General Comments:	Duplicate Turn	= 15.3
CO (Alad	- 12101 0	707 = 73.8
Sp. (And	= 13101.9	DO7. = 73.8
	ml	DO7. = 73.8
De bn 5/8 u ne (hrs): 0914 Weather: Clear	River Mile (S	ite):
ne (hrs): () 9 14 Weather: Clear Steady Rain	River Mile (S Partly Cloudy Overcast Heavy Snow Melt	ite):
me (hrs): () 9 14 Weather: Clear Steady Rain Flow: Dry Inte	River Mile (Some Partly Cloudy Overcast Heavy Snow Melt ermittent Minimal Base OK Buried	Light Rain/Showers Heavy Rain Other: eline/Normal Elevated Flood Out of Water H-D was Reset
me (hrs): () 9 14 Weather: Clear Steady Rain Flow: Dry Inte	River Mile (Some Partly Cloudy Overcast Heavy Snow Melt ermittent Minimal Base OK Buried	Light Rain/Showers Heavy Rain Other: eline/Normal Elevated Flood
me (hrs): () 9 14 Weather: Clear Steady Rain Flow: Dry Inte	River Mile (Some Partly Cloudy Overcast Heavy Snow Melt ermittent Minimal Base OK Buried	Light Rain/Showers Heavy Rain Other: eline/Normal Elevated Flood Out of Water H-D was Reset Not Installed Flow: fps
Meather: Clear Steady Rain Flow: Dry Inte	River Mile (Some Partly Cloudy Overcast Heavy Snow Melt ermittent Minimal Base OK Buried wn (river too high) Missing Muddy Tea	Light Rain/Showers Heavy Rain Other: eline/Normal Elevated Flood Out of Water H-D was Reset
Meather: Clear Steady Rain Flow: Dry Inte HD Status: Unknow Color: Clear	River Mile (Some Partly Cloudy Overcast Heavy Snow Melt ermittent Minimal Base OK Buried with (river too high) Missing Muddy Tea Petroleum Anaerobic None Foam Oily	Light Rain/Showers Heavy Rain Other: eline/Normal Elevated Flood Out of Water H-D was Reset Not Installed Flow: fps Milky Other: Sewage Chemical Other:
Meather: Clear Steady Rain Flow: Dry Inte HD Status: Unknow Color: Clear Odor: Normal	River Mile (S. Partly Cloudy Overcast Heavy Snow Melt ermittent Minimal Base OK Buried vn (river too high) Missing Muddy Tea Petroleum Anaerobic None Foam Oily Conductivity (µmhos/cm):	Light Rain/Showers Heavy Rain Other: cline/Normal Elevated Flood Out of Water H-D was Reset Not Installed Flow: fps Milky Other: Sewage Chemical Other: Scum Other: Temperature (°C): 17.40
Weather: Clear Steady Rain Flow: Dry Inte HD Status: Unknow Color: Clear Odor: Normal Surface Coating:	River Mile (S. Partly Cloudy Overcast Heavy Snow Melt ermittent Minimal Base OK Buried vn (river too high) Missing Muddy Tea Petroleum Anaerobic None Foam Oily Conductivity (µmhos/cm):	Light Rain/Showers Heavy Rain Other: eline/Normal Elevated Flood Out of Water H-D was Reset Not Installed Flow: fps Milky Other: Sewage Chemical Other:
Weather: Clear Steady Rain Flow: Dry Inte HD Status: Unknow Color: Clear Odor: Normal Surface Coating: Field Parameters:	River Mile (Si Partly Cloudy Overcast Heavy Snow Melt ermittent Minimal Base OK Buried vn (river too high) Missing Muddy Tea Petroleum Anaerobic None Foam Oily Conductivity (µmhos/cm): Dissolved Oxygen (mg/L):	Light Rain/Showers Heavy Rain Other: cline/Normal Elevated Flood Out of Water H-D was Reset Not Installed Flow: fps Milky Other: Sewage Chemical Other: Scum Other: Temperature (°C): 17.40

	Gage Station and ID: Daily Mean Discharge:ft³/sec
	Was this sample taken during or following a wet weather event?
	Water Quality Meters Used: FXO1 "C" HACH 120227-5068
	Fime (hrs): 0942 River Mile (Site): 2,75
Mile 2.75 5 Na2S2O3-E	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
2.75 S203	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
· ·	HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps
River Imple Date: 6/30/201 03-B H2SO4-C	Color: Clear Muddy Tea Milky Other:
reek River M Sample Date: 6/30/2015 HNO3-B H2SO4-C N	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
e Da B H	Surface Coating: None Foam Oily Scum Other:
ampl 03-	Field Parameters: Conductivity (µmhos/cm): 958.2 Temperature (°C): 17.391
H	Dissolved Oxygen (mg/L): 9.22 pH (s.u.):
_ ~	
= 1	Turbidity (NTU): 12, 3
Mill Creek Sam one-A HNO	
Mill None-A	General Comments: Sp. cond = 1121.1 Doi. = 910.5
None-	
Non	General Comments: <u>Sp. cond = 1121.1</u> <u>D01. = 910.5</u>
Non	
3-E	General Comments: Sp. cond = 1121.1 D01 = 910.5 Time (hrs): River Mile (Site): X.36 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Va2S2O3-E Non	General Comments: Sp. cond = 1121.1 D01 = 9105 Time (hrs): River Mile (Site): 8.30 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain
115 : Na2S2O3-E Non	General Comments: Sp. cond = 1121.1 D0/ = 910.5 Time (hrs): Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset
115: Na2S2O3-E Non	General Comments: Sp. Cond = 1121.1 Do/ = 9105 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other:
116 : Na2S2O3-E Non	General Comments: Cond = 1121
Date: 6/30/2016 H2SO4-C Na2S2O3-E Non	General Comments: Second = 1121
3-B H2SO4-C Na2S2O3-E Non	General Comments: Dotal Comments
Sample Date: 6/30/2015 HNO3-B H2SO4-C Na2S2O3-E Non	General Comments: Second = 1121
ple Date: 6/30/2015 3-B H2SO4-C Na2S2O3-E	General Comments: Cond = 1121

None-A	HNO3-B	H2SO4-C	-B H2SO4-C Na2S2O3-E		Non
				Sam	

	7
NEORSD Surface Water Condition Sampling Field Data Form	
Stream: Mill Lycih Date: 7/7/15 Collectors: Friedman Soehr	Men
Gage Station and ID: Daily Mean Discharge: ft	³/sec
Was this sample taken during or following a wet weather event? Water Quality Meters Used: XO C	
Time (hrs): 0915 River Mile (Site): Mill Cruk RM 0.12	
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:	
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other:	'alled
Color: Clear Muddy Tea Milky Other: green-blue	
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:	
Surface Coating: None Foam Oily Scum Other:	
Field Parameters: Conductivity (μmhos/cm): 1347 Sp. Cond. (μmhos/cm): 1486	.4
Dissolved Oxygen (mg/L): 7 0 + D.O. (%): 8 3 5 Temperature (°C): 20 3 0 pH (s.u.): 7 6 5	5
Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 10.6	2
General Comments: bright ormae off of tributary	
Time (hrs): 0925 River Mile (Site): MILL Cruko 70	
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:	
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood	
HD Status: OK Other: Not 1/25+	
Color: Clear Muddy Tea Milky Other:	
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:	4.4
Surface Coating: None Foam Oily Scum Other:	
Field Parameters: Conductivity (μmhos/cm): 13 56 7 Sp. Cond. (μmhos/cm): 149	1.6
Dissolved Oxygen (mg/L): 9 / D.O. (%): \(\text{\tint{\text{\tinte\text{\text{\tinite\text{\texi{\text{\tex{\tex	1
Temperature (°C): 20.0 pH (s.u.): 7.9.3	,
Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): Z > 5	

DO: 2,21

R-1507060012

Mill Creek River Mile 8.30

Sample Date: 777/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

R-1507060011

R-1507060013

Mill Creek River Mile 2.75

Sample Date: 7/7/2015

Sampl

Weather: Clear Partly Cloudy Overcast Other: Light Rain/Showers Heavy Rain Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Other: Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, O Sp. Cond. (μmhos/cm): 1746, 9 Dissolved Oxygen (mg/L): 9.16 D.O. (%): 103, O Temperature (°C): 20, 840 pH (s.u.): 8,26 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1,53	Gage Station and ID: Daily Mean Discharge: Partly Cloudy Water Quality Meters Used: E(hrs): Weather: Clear Partly Cloudy Overcast Light Rain/Showers Steady Rain Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Field Parameters: Conductivity (µmhos/cm): General Comments: Daily Mean Discharge: PYES (NO) Water Quality Meters Used: PYES (NO) River Mile (Site): River Mile (Site): River Mile (Site): River Mile (Si	NEORSD Surface Water Condition Sampling Field Data Form	
Was this sample taken during or following a wet weather event? Water Quality Meters Used: In the part of the par	Was this sample taken during or following a wet weather event? Water Quality Meters Used: It (hrs):	Stream: Mill Creek Date: 7715 Collectors: Soehn on Fr	iram
Water Quality Meters Used: Policy	Water Quality Meters Used: EXO C Note (hrs):	Gage Station and ID: Daily Mean Discharge: f	lt³/sec
River Mile (Site): Weather: Clear Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Color: Other: Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Surface Coating: None Foam Oily Scum Other: Surface Coating: None Foam Oily Scum Other: Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 2,31 The Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Noth Turbidity Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Ok Other: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Dissolved Oxygen (mg/L): 2,16 Dissolved Oxygen (mg/L): 2,16 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1,53 Temperature (*C): 20,18 40 Temperature (*C): 20,18 40 PH (s.u.): 3,26 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1,53	River Mile (Site): Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1/35/3 Sp. Cond. (µmhos/cm): 1/3 46. 7 Dissolved Oxygen (mg/L): 31/3	- 11 /	
River Mile (Site): Weather: Clear Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Color: Other: Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Surface Coating: None Foam Oily Scum Other: Surface Coating: None Foam Oily Scum Other: Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 2,31 The Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Noth Turbidity Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Ok Other: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Dissolved Oxygen (mg/L): 2,16 Dissolved Oxygen (mg/L): 2,16 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1,53 Temperature (*C): 20,18 40 Temperature (*C): 20,18 40 PH (s.u.): 3,26 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1,53	River Mile (Site): Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Other: Steady Rain Heavy Snow Melt Other: Color: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1/33/3 Sp. Cond. (µmhos/cm): 1/34/3 Temperature (*C): 20.674 pH (s.u.): 5/3 Image: 1/	Water Quality Meters Used: EXO C	
Neather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain	Steady Rain	ne (hrs): 1005 hrs River Mile (Site): RM 2,75	
HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): // 35/5 Sp. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Kg. Cond. (µmhos/cm): // 37/5 Pp. Cond. (µ	HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 13 76. 7 Dissolved Oxygen (mg/L): 12 11 11 11 11 11 11 11 11 11 11 11 11	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain	
Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1/35,5 Sp. Cond. (µmhos/cm): 1/3 46, 7 Dissolved Oxygen (mg/L): 1/34, 1/4 Sp. Cond. (µmhos/cm): 1/3 46, 7 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 2,31 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 2,31 Meather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Other: Steady Rain Heavy Snow Melt Other: Odor: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Dot Installed Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1603,0 Sp. Cond. (µmhos/cm): 1746, 9 Dissolved Oxygen (mg/L): Dissolved Oxygen (mg/L): 153	Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1/3 1/3 1/3 5/3 Sp. Cond. (µmhos/cm): 1/3 1/4 7 Dissolved Oxygen (mg/L): 1/3 1/4 7 PH (s.u.): 9/3 1/4 PH (s.u.): 9/3 1/4 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 2/3 1/4 Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: O	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood	
Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1/35,5 Sp. Cond. (µmhos/cm): 1/3 46, 7 Dissolved Oxygen (mg/L): 1/34, 1/4 Sp. Cond. (µmhos/cm): 1/3 46, 7 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 2,31 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 2,31 Meather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Other: Steady Rain Heavy Snow Melt Other: Odor: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Dot Installed Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1603,0 Sp. Cond. (µmhos/cm): 1746, 9 Dissolved Oxygen (mg/L): Dissolved Oxygen (mg/L): 153	Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1/2 35 / 5 Sp. Cond. (µmhos/cm): 1/3 46 / 7 Dissolved Oxygen (mg/L): 1/2 46 / 7 Sp. Cond. (µmhos/cm): 1/3 46 / 7 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 2 , 31 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 2 , 31 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Other: Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Normal Petroleum Anaerobic Sewage Chemical Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 160 3 , 0 Dissolved Oxygen (mg/L): 153 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1, 53	HD Status: OK Other: Mc+ 1/1/5/falled	
Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/em): 1.35,5 Sp. Cond. (µmhos/cm): 1346, 7 Dissolved Oxygen (mg/L): 1.45,7 8,92 D.O. (%): 99, 8 Temperature (°C): 20,674 pH (s.u.): 3.31 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 2.31 General Comments: Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: 1.55 Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1603, 0 Sp. Cond. (µmhos/cm): 1746, 9 Dissolved Oxygen (mg/L): 9.16 Temperature (°C): 20,840 pH (s.u.): 8,26 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1,53	Surface Coating: Field Parameters: Conductivity (µmhos/cm): 1/35,5 Sp. Cond. (µmhos/cm): 1/3 46, 7 Dissolved Oxygen (mg/L): 1/34, 7 8, 92 D.O. (%): 99, 8 Temperature (*C): 20, 674 PH (s.u.): 3/1 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 2, 31 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: 1/24, 1/2		
Field Parameters: Conductivity (µmhos/cm):	Pield Parameters: Conductivity (µmhos/cm):	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:	hul -
Dissolved Oxygen (mg/L): 344.7 8,92 D.O. (%): 99.8 Temperature (°C): 20.674 pH (s.u.): 5.31 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 2.31 General Comments: River Mile (Site): 9.30 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: 1.544/20 Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1603.0 Sp. Cond. (µmhos/cm): 1746, 9 Dissolved Oxygen (mg/L): 9.16 D.O. (%): 103.0 pH (s.u.): 8.26 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Temperature (°C): 20,674 pH (s.u.): 31 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 2.31 General Comments: Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Octor: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1603.0 Sp. Cond. (µmhos/cm): 1746.9 Dissolved Oxygen (mg/L): 716 D.O. (%): 103.0 pH (s.u.): 8126 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Surface Coating: None Foam Oily Scum Other:	Will a
Turbidity 1 (NTU): Turbidity 2 (NTU): Turbidity 2 (NTU): Average (NTU): Average (NTU): Z 31 Average (NTU): Z 31 Average (NTU): D 2 2 31 Average (NTU): Z 31 Average (NTU): D 3 2 River Mile (Site): Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 160%, 0 Dissolved Oxygen (mg/L): Temperature (*C): 20.840 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1, 53	Temperature (*C): 20,674 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): Z-31 Average (NTU): Z-31 Meather: Clear Partly Cloudy Overcast Light Rain/Showers Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 160%, 0 Dissolved Oxygen (mg/L): Temperature (*C): 20,840 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1,53	Field Parameters: Conductivity (µmhos/cm): 17.35,5 Sp. Cond. (µmhos/cm): 13.46.	7
Turbidity 1 (NTU): Turbidity 2 (NTU): Turbidity 2 (NTU): Average (NTU): Average (NTU): Z 31 Average (NTU): Z 31 Average (NTU): D 2 2 31 Average (NTU): Z 31 Average (NTU): D 3 2 River Mile (Site): Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 160%, 0 Dissolved Oxygen (mg/L): Temperature (*C): 20.840 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1, 53	Temperature (*C): 20,674 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): Z-31 Average (NTU): Z-31 Meather: Clear Partly Cloudy Overcast Light Rain/Showers Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 160%, 0 Dissolved Oxygen (mg/L): Temperature (*C): 20,840 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1,53	Dissolved Oxygen (mg/L): 1346.7 8,92 D.O. (%): 99. 8	
Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): Turbidity 2 (NTU): Average (NTU): Turbidity 2 (NTU): Average (NTU):	Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 2.31 General Comments:	Temperature (°C): 20,674 pH (s.u.): 5.31	u us
General Comments: The control of th	Meather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:	Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): Z	31
Meather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Work Finishad Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1608.0 Sp. Cond. (µmhos/cm): 1746.9 Dissolved Oxygen (mg/L): 716 Temperature (°C): 20.840 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Meather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 1603, 0 Sp. Cond. (µmhos/cm): 1746, 9 Dissolved Oxygen (mg/L): 916 D.O. (%): 103, 0 Temperature (°C): 20, 340 PH (s.u.): 8, 26 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1, 53	Dig: 7.11	
Weather: Clear Partly Cloudy Overcast Steady Rain Light Rain/Showers Heavy Rain Steady Rain Hcavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, 0 Sp. Cond. (μmhos/cm): 1746, 9 Dissolved Oxygen (mg/L): 9.16 D.O. (%): Temperature (°C): 20.840 pH (s.u.): Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): Average (NTU): 1.53	Weather: Clear Steady Rain Partly Cloudy Partly Cloudy Overcast Other: Light Rain/Showers Heavy Rain Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Other: Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, 0 Sp. Cond. (μmhos/cm): 7746, 9 Do. (%): 103, 0 pH (s.u.): 8,26 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1,53		
Weather: Clear Partly Cloudy Overcast Steady Rain Light Rain/Showers Heavy Rain Steady Rain Hcavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, 0 Sp. Cond. (μmhos/cm): 1746, 9 Dissolved Oxygen (mg/L): 9.16 D.O. (%): Temperature (°C): 20.840 pH (s.u.): Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): Average (NTU): 1.53	Weather: Clear Steady Rain Partly Cloudy Partly Cloudy Overcast Other: Light Rain/Showers Heavy Rain Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Other: Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, 0 Sp. Cond. (μmhos/cm): 74%, 9 Dissolved Oxygen (mg/L): 9.16 D.O. (%): D.O. (%): 103.0 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1.53		
Weather: Clear Partly Cloudy Overcast Other: Light Rain/Showers Heavy Rain Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Other: Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, O Sp. Cond. (μmhos/cm): 1746, 9 Dissolved Oxygen (mg/L): 9.16 D.O. (%): 103, O Temperature (°C): 20, 840 pH (s.u.): 8,26 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1,53	Weather: Clear Other: Partly Cloudy Overcast Steady Rain Light Rain/Showers Heavy Rain Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160% O Dissolved Oxygen (mg/L): 9.16 Sp. Cond. (μmhos/cm): 1746, 9 Do. (%): Do. (%): Do. (%): Do. (%): Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1, 53	ne (hrs): 103Z River Mile (Site): 8,30	1 = 1
HD Status: OK Other: Dot Installed Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, O Sp. Cond. (μmhos/cm): 1746, 9 Dissolved Oxygen (mg/L): 9.16 Temperature (°C): 20.840 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	HD Status: OK Other: Not Installed Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 1608.0 Sp. Cond. (μmhos/cm): 1746.9 Dissolved Oxygen (mg/L): 9.16 Temperature (°C): 20.840 pH (s.u.): 8.26 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain	
Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, 0 Sp. Cond. (μmhos/cm): 77%, 9 Dissolved Oxygen (mg/L): 9.16 D.O. (%): 103.0 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, 0 Sp. Cond. (μmhos/cm): /746, 9 Dissolved Oxygen (mg/L): 916 D.O. (%): D.O. (%): D.O. (%): 103.0 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood	
Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, 0 Sp. Cond. (μmhos/cm): /746, 9 Dissolved Oxygen (mg/L): 9.16 D.O. (%): 103.0 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, 0 Sp. Cond. (μmhos/cm): 17%, 9 Dissolved Oxygen (mg/L): 9.16 D.O. (%): D.O. (%): 103.0 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	HD Status: OK Other: Not Installed	
Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 160%, 0 Dissolved Oxygen (mg/L): 9.16 Temperature (°C): 20.840 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Surface Coating: None Foam Oily Scum Field Parameters: Conductivity (μmhos/cm): 1608.0 Sp. Cond. (μmhos/cm): 1746.9 Dissolved Oxygen (mg/L): 9.16 Temperature (°C): 20.840 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1.53		
Field Parameters: Conductivity (μmhos/cm): 160%, 0 Dissolved Oxygen (mg/L): 9.16 Temperature (°C): 20.840 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Field Parameters: Conductivity (μmhos/cm): 160%, 0 Sp. Cond. (μmhos/cm): 1746, 9 Dissolved Oxygen (mg/L): 9.16 D.O. (%): 103.0 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:	
Dissolved Oxygen (mg/L): 9.16 Temperature (°C): 20.840 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Dissolved Oxygen (mg/L): 9.16 Temperature (°C): 20.840 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Surface Coating: None Foam Oily Scum Other:	nd .
Dissolved Oxygen (mg/L): 9.16 Temperature (°C): 20.840 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Dissolved Oxygen (mg/L): 9.16 Temperature (°C): 20.840 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Field Parameters: Conductivity (μmhos/cm): 160%, 0 Sp. Cond. (μmhos/cm): 1746,	9
Temperature (°C): 20.840 pH (s.u.): 8.26 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1.53	Temperature (°C): 20,840 pH (s.u.): 8,26 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1,53	Dissolved Oxygen (mg/L): 9.16 D.O. (%): 103.0	
Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 1. 53	Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1. 53		
			5
General Comments:			

R-1507130008 A Srmple Date: 7/14/2016 None-A HNO3-B H2SO4-C Na2S2O3-E

R-1507130009

Mill Creek River Mile 0.70

Sample Date: 7/14/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

Gage Station and ID	: Daily Mean Discharge: ft³/sec
•	n during or following a wet weather event? YES / NO
Water Quality Meters	S Used: EXD 111D HACH 120227-50108
me (hrs): <u>0900</u>	River Mile (Site): PM 0.12
Weather: Clear Steady Rain	Partly Cloudy Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other:
Flow: Dry Int	ermittent Minimal Baseline/Normal Elevated Flood
HD Status:	OK Other: NA
Color: Clear	Muddy Tea Milky Other:
Odor: Normal	Petroleum Anaerobic Sewage Chemical Other:
Surface Coating:	None Foam Oily Scum Other:
Field Parameters:	Conductivity (μmhos/cm): 950.0 Sp. Cond. (μmhos/cm): 1045.3
	Dissolved Oxygen (mg/L): 7.82 D.O. (%): 86.0
	Temperature (°C): 70.102 pH (s.u.): 7.73
	Temperature (°C): 71.102 pH (s.u.): 7.73 1: 7.97 Turbidity 2 (NTU): 7.29 Average (NTU): 7.103
Turbidity 1 (NTU)	Control of the Contro
Turbidity 1 (NTU) General Comments:	Control of the Contro
Turbidity 1 (NTU) General Comments: me (hrs):	River Mile (Site): River Mile (S
Turbidity 1 (NTU) General Comments: me (hrs): 0915 Weather: Clear Steady Rain	River Mile (Site): River Mile (S
Turbidity 1 (NTU) General Comments: me (hrs): 0915 Weather: Clear Steady Rain	River Mile (Site): PM D.76 Partly Cloudy Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: termittent Minimal Baseline/Normal Elevated Flood
Turbidity 1 (NTU) General Comments: me (hrs): 0915 Weather: Clear Steady Rain Flow: Dry Int HD Status:	River Mile (Site): PM D.76 Partly Clouds Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: termittent Minimal Baseline/Normal Elevated Flood
Turbidity 1 (NTU) General Comments: me (hrs): 0915 Weather: Clear Steady Rain Flow: Dry Int HD Status:	River Mile (Site): PM D.76 Partly Clouds Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: termittent Minimal Baseline/Normal Elevated Flood OK Other: N/A
Turbidity 1 (NTU) General Comments: me (hrs): 0915 Weather: Clear Steady Rain Flow: Dry Int HD Status: Color: Clear	River Mile (Site): PM D. 76 River Mile (Site): PM D. 76 Partly Cloud Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: termittent Minimal Baseline/Normal Elevated Flood OK Other: N/A Muddy Tea Milky Other:
Turbidity 1 (NTU) General Comments: me (hrs): 0915 Weather: Clear Steady Rain Flow: Dry Int HD Status: Color: Clear Odor: Normal	River Mile (Site): Partly Cloudy Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: termittent Minimal Baseline/Normal Elevated Flood OK Other: Muddy Tea Milky Other: Petroleum Anaerobic Sewage Chemical Other:
Turbidity 1 (NTU) General Comments: me (hrs): 0915 Weather: Clear Steady Rain Flow: Dry Int HD Status: Color: Clear Odor: Normal Surface Coating:	River Mile (Site): Partly Clouds Overcast Light Rain/Showers Heavy Rain Heavy Snow Melt Other: termittent Minimal Baseline/Normal Elevated Flood OK Other: Muddy Tea Milky Other: Petroleum Anaerobic Sewage Chemical Other: None Foam Oily Scum Other:
Turbidity 1 (NTU) General Comments: me (hrs): 0915 Weather: Clear Steady Rain Flow: Dry Int HD Status: Color: Clear Odor: Normal Surface Coating: Field Parameters:	River Mile (Site):

		Stream: MILCreek Date: 71415 Collectors: M. Matkson K. Ami
		Gage Station and ID: Daily Mean Discharge: ft³/sec
		Was this sample taken during or following a wet weather event? YES NO
		Water Quality Meters Used: EVOI "D" HACH 120777-50108
N 11 2	Т	ime (hrs): 0957 River Mile (Site): RM 2.75
	<u> </u>	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
River Mile 2.75	6 Na2S203-F	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
Mile	Na.	HD Status: OK Other: NA
Ver	4/201 L-C	Color: Clear Muddy Tea Milky Other:
River	Date: 7/14/20 H2SO4-C	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
2	Date H2	Surface Coating: None Foam Oily Scum Other:
	Sample Date: 7/14/2015 NO3-B H2SO4-C N	Field Parameters: Conductivity (μmhos/cm): 943. U Sp. Cond. (μmhos/cm): 932. 1
reek	Sample I HNO3-B	Dissolved Oxygen (mg/L): 8.7 D.O. (%): 94.1
Mill Creek	- 10	Temperature (°C): 20.02 pH (s.u.): 8.24 Turbidity 1 (NTU): 9 Turbidity 2 (NTU): 7.20 Average (NTU): 7.00
Σ	None-A	General Comments:
	Ž	denotal Comments.
	Т	ime (hrs): 0'34 River Mile (Site): RN 8130
		Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
		Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
0	03-6	HD Status: OK Other:
ile 8.30	6 Na2S2O3-E	Color: Clear Muddy Tea Milky Other:
Mile	Z S	Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Salfar
River M	7/14/2016 3O4-C N	Surface Coating: None Foam Oily Scum Other:
K-130/130011 K River		Field Parameters: Conductivity (μmhos/cm): 153.4 Sp. Cond. (μmhos/cm): 1270.8
2	Date 3 HZ	Dissolved Oxygen (mg/L): 8.65 D.O. (%): 95.8
- -	Sample Date: HNO3-B H2S	Temperature (°C): 20.162 pH (s.u.): 8.28
ree	Sa	Turbidity 1 (NTU): 7.92 Turbidity 2 (NTU): 7.05 Average (NTU): 7.79
A Mill Creek	4	General Comments:
Σ	Vone-A	

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NEORSD Surface Water Condition Sampling Field Data Form
Stream: Wost Creek Date: 7/15/15 Collectors: RomM. Denise P. Bryanna B
Gage Station and ID: Daily Mean Discharge: ft ³ /sec
Was this sample taken during or following a wet weather event?
Water Quality Meters Used: 454 6 80 12
Time (hrs): 9:05cm River Mile (Site): West Creek 020
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Raseline/Normal Flowers Flowers
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Other: N/A
Color: Clear Muddy Tea Milky Other:
Odor: Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (µmhos/cm): 910. Sp. Cond. (µmhos/cm): 1004.2
Dissolved Oxygen (mg/L): 7 9 D.O. (%): 87,3
Temperature (°C): 20,117 pH (s.u.): 7.81
Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 4.73
General Comments: Turb: Dup: 9.12
me (hrs): 9:24am River Mile (Site): west creek 1,60
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
HD Status: OK Other:
Color: Clear Muddy Tea Milky Other:
Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
Surface Coating: None Foam Oily Scum Other:
Field Parameters: Conductivity (μmhos/cm): 720 3 Sp. Cond. (μmhos/cm): 798 G
Dissolved Oxygen (mg/L): 8,83 D.O. (%): 97,0
Temperature (°C): 19,874 pH (s.u.): 8,33
Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 5.96
General Comments:

	Stream: West Creek Date: 7/5/15 Collectors: R. Marchle, D. Phillips, K. Boge
	Gage Station and ID: Daily Mean Discharge: ft³/sec
2	Was this sample taken during or following a wet weather event? YES / NO
	Water Quality Meters Used: YST 6x01 6
	Time (hrs): 9'. 43 River Mile (Site): 2, 10
	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain
03-E	Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
0009 River Mile 2.10 15 10:18:00 AM O4-C Na2S2O3-E	HD Status: OK Other: Missing Milky Other:
~ ~	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
740(Ri	Surface Coating: None Foam Oily Scum Other:
R-1507140009 Creek River ple Date: 7/15/2015 10:1 HNO3-B H2SO4-C	Field Parameters: Conductivity (µmhos/cm): 605, 4 Sp. Cond. (µmhos/cm): 671, 9
2-1 : k ate: 3-B	Dissolved Oxygen (mg/L): S.70 D.O. (%): 95.6
R. West Creek Sample Dai	Temperature (°C): 19,850 pH (s.u.):
st C Sam	Turbidity I (NTU): Average (NTU): Average (NTU):
West Sa None-A	General Comments:
SW.	1 . 4 TIMA 70).
	Time (hrs): 1010 River Mile (Site): January two TWO: TO
	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain
1	Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Elevated Flood
Щ 50	Flow. Dry Internation
Mile 0.20 AM 2S2O3-E	HD Status: OK Other: Milky Other:
	Color: Clear Middy Tea Many Chamical Other:
2 iver N :18:00 : Na	Odor: Normal Petroleum Philadeore Other:
740012 Frib4 River 72015 10:18:00 2SO4-C Na	Surface Coating: None Tolain (1967-7) Sp. Cond. (umhos/cm): 1215.
7740012 Trib4 Riv 715/2015 10:1 H2SO4-C	Field Parameters: Conductivity (μmhos/cm): 100 (μmhos/cm): 10
R-1507140012 st Creek Trib4 River I Sample Date: 7/15/2015 10:18:00 A HNO3-B H2SO4-C Na	Temperature (°C): 19.491 pH (s.u.): 7.95
R-15(Creek Iple Date: 7 HNO3-B	Average (NTI): 3.34
R-Sample Dat	Turbidity I (NTO):
/est Sa⊨ e-A	General Comments: TOS = 790 mg/L Sould: Tuin = 400 2.97 FW
West Sa Vone-A	- CVI VIII - CVI

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R-1507070006

West Creek River Mile 0.20

Sample Date: 7/8/2016

None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID

Mest Creek River Mile 1.60 sample Date: 7/8/2015 None-A HNO3-B H2SO4-C Na2S2O3-E

			•
	Daily N		ft³/sec
	during or following a wet weather event?	YES / NO	
	Used: EXO		
Γime (hrs):	River Mile (Site):	RM 0.20 We	St Creek
Steady Rain	Partly Cloudy Overcast Light Rain/S Heavy Snow Melt Other:		
	ermittent Minimal Baseline/Normal	P Elevated Flood	
HD Status:			
	Muddy Tea Mil Petroleum Anaerobic Sewage		
		um Other:	
Field Parameters:	Conductivity (µmhos/cm): 945.(Sp. Cond. (μmhos/cm): /	064.8
	Dissolved Oxygen (mg/L):		18,6
	Dissolved Oxygon (ing b).		
	Temperature (°C): 19.07	75 pH (s.u.): 8	04
	Temperature (°C): 19.07 Turbidity 2 (NTU):	75 pH (s.u.): 😽	,04
Turbidity 1 (NTU): General Comments:	Temperature (°C): 19.07	75 pH (s.u.): 😽	,04
General Comments:	Temperature (°C): 19.07	pH (s.u.):	16.8
General Comments: Time (hrs): 0925 Weather: Clear	Temperature (°C): 19.07 Turbidity 2 (NTU):	pH (s.u.): Average (NTU): West (reek	16.8
General Comments: Time (hrs): 0925 Weather: Clear Steady Rain	Temperature (°C): / 9 . 0 7 Turbidity 2 (NTU):	pH (s.u.):	RM 1.6
General Comments: Time (hrs): 0925 Weather: Clear Steady Rain	Temperature (°C):	pH (s.u.): Average (NTU): West Creek Showers Heavy Rain, Elevated Flood	RM 1.6
General Comments: Time (hrs): 0925 Weather: Clear Steady Rain Flow: Dry Inte	Temperature (°C):	pH (s.u.): Average (NTU): West Creek Showers Heavy Rain, Elevated Flood	RM 1.6
General Comments: Time (hrs): 0925 Weather: Clear Steady Rain Flow: Dry Inte	Temperature (°C):	pH (s.u.): Average (NTU): West Creek Showers Heavy Rain, Elevated Flood Iky Other:	RM 1.6
General Comments: Time (hrs): 0925 Weather: Clear Steady Rain Flow: Dry Inte	Temperature (°C): / 9 . 0 7 Turbidity 2 (NTU):	pH (s.u.): Average (NTU): West (reek Showers Heavy Rain, Elevated Flood Iky Other: e Chemical Other:	RM 1.6
General Comments: Time (hrs): 0925 Weather: Clear Steady Rain Flow: Dry Inte HD Status: Color: Clear Normal	Temperature (°C):	pH (s.u.): Average (NTU): West Creek Showers Heavy Rain, Elevated Flood Iky Other: e Chemical Other:	RM 1.6
General Comments: General Comments:	Temperature (°C):	pH (s.u.): Average (NTU): West Creek Showers Heavy Rain, Elevated Flood Iky Other: e Chemical Other:	RM 1.6
General Comments: Weather: Clear Steady Rain Flow: Dry Inte HD Status: Color: Clear Odor: Normal Surface Coating: Field Parameters:	Temperature (°C):	pH (s.u.): Average (NTU): West Creek Showers Heavy Rain, Elevated Flood Iky Other: e Chemical Other: output District Chemical Other: Sp. Cond. (µmhos/cm);	RM [.60
General Comments: Weather: Clear Steady Rain Flow: Dry Inte HD Status: Color: Clear Odor: Normal Surface Coating: Field Parameters:	Temperature (°C):	pH (s.u.): Average (NTU): West (reek Showers Heavy Rain, Elevated Flood Iky Other: e Chemical Other: um Other: D.O. (%): 9	RM [.60

Gage Station and ID: Was this sample taken during or following a wet weather event? Was this sample taken during or following a wet weather event? Was this sample taken during or following a wet weather event? Was this sample taken during or following a wet weather event? Was this sample taken during or following a wet weather event? YES / NO Was this sample taken during or following a wet weather event? YES / NO Was this sample taken during or following a wet weather event? YES / NO Was this sample taken during or following a wet weather event? YES / NO Was this sample taken during or following a wet weather event? YES / NO Was this sample taken during or following a wet weather event? YES / NO Was this sample taken during or following a wet weather event? YES / NO Was this sample taken during or following a wet weather event? YES / NO Weather: Clear Partly Cloudy Overcast I Light Rain/Showers Other: Surface Coating: Noge Foam Oily Scum Other: Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): \$\frac{3}{2}\$\$ Time (hrs): 10 05 \(\text{L} \) River Mile (Site): \(\text{L} \) Average (NTU): \(\text{L} \) Average (NTU): \(\text{L} \) Sp. Cond. ((\text{L} \) Average (NTU): \(\text{L} \) Sp. Cond. (\text{L} \) Average (NTU): \(\text{L} \) Sp. Cond. (\text{L} \) Sp		Chara	Swall Dill	ng Fleid Data Form	
Was this sample taken during or following a wet weather event? Was this sample taken during or following a wet weather event? Was this sample taken during or following a wet weather event? Weather Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 0C 7 4 Sp. Cond. (µmhos/cm): 75 7.8 Ph (s.u.): 8 08 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 2.93 Time (hrs): OS MC River Mile (Site): PM 3. OS Wost Heavy Rain Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood Time (hrs): OS MC Other: Clear Milky Other: Ph (s.u.): 8 08 Time (hrs): OS MC Other: Oneral Petroleum Anaerobic Sewage Chemical Other: Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Othe		Stream:	Date:	Collectors: #	Tlana /Sa
Water Quality Meters Used: Time (hrs):	2		Doile		13C
Time (hrs): OS MC Other: Color: Clear Muddy Tea Milky Other: Surface Coating: None Foam Oily Scum Other: Turbidity I (NTU): Turbidity 2 (NTU): Sewage Chemical Other: Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Other: Time (hrs): OK Other: Color: Clear Muddy Tea Milky Other: Surface Coating: None Foam Oily Scum Other: Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): Sewage Chemical Other: Time (hrs): OS MC River Mile (Site): Male Rain/Showers Dissolved Oxygen (mg/L): Sewage Chemical Other: Time (hrs): OS MC River Mile (Site): Male Rain/Showers Dissolved Oxygen (mg/L): Sewage Chemical Other: Time (hrs): OS MC River Mile (Site): Male Rain/Showers Dissolved Oxygen (mg/L): Sewage Chemical Other: Time (hrs): OS MC River Mile (Site): Male Rain/Showers Dissolved Oxygen (mg/L): Sewage Chemical Other: Time (hrs): OS MC River Mile (Site): Male Rain/Showers Dissolved Oxygen (mg/L): Sewage Chemical Other: Time (hrs): OS MC Other: Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Color: Clear Muddy Tea Milky Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): General Counters): Tarbidity 2 (NTU): Sewage Chemical Other: Turbidity 1 (NTU): Turbidity 2 (NTU): Sewage Chemical Other: Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTI): 7.91		Was this sample taken during	Or tolloude		ft³/sec
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Other: Color: Clear		water Quality Meters Used:	EXO C	YES / NO	
HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Surface Coating: None Foam Oily Scum Other: Time (hrs): Do S MC River Mile (Site): Meather: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Petroleum Anaerobic Sewage Chemical Other: Time (hrs): Do S MC River Mile (Site): Meather: Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface	m 1	Time (hrs):0945	River Mile (Site)	P 1 / - 17	
HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Surface Coating: None Foam Oily Scum Other: Time (hrs): Do S MC River Mile (Site): Meather: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Petroleum Anaerobic Sewage Chemical Other: Time (hrs): Do S MC River Mile (Site): Meather: Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface	7/8/2016 54-C Na2S2O3	a turity	Cloudy Overcast Light Pain (C)	-10	
HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Surface Coating: None Foam Oily Scum Other: Time (hrs): Do S MC River Mile (Site): Meather: Steady Rain Heavy Snow Melt Other: Steady Rain Heavy Snow Melt Other: Steady Rain Petroleum Anaerobic Sewage Chemical Other: Time (hrs): Do S MC River Mile (Site): Meather: Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: Normal Petroleum Anaerobic Sewage Chemical Other: Surface	a2S	-	But Kully Oll	owers Heavy Rain	
Time (hrs):	40	UD C	Minimal Baseline/Normal	Elevated Flood	
Time (hrs):	7/8/2	O. I			
Time (hrs):	Date: H2S	Odom	Willky	Other:	1101
Time (hrs):	nple I	C. C.	- Sewage	Chemical Oth	er:
Dissolved Oxygen (mg/L): 8.73 Temperature (*C): 13.749 PH (s.u.): 8.08 Turbidity I (NTU): Turbidity 2 (NTU): Average (NTU): 2.33 Time (hrs): 10.05 M/2 River Mile (Site): FM 3.65 West Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Oddor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 649.0 Dissolved Oxygen (mg/L): 9.12 Temperature (*C): 18.935 Turbidity 1 (NTU): Average (NTII): 7.91 Average (NTII): 7.91	San	P' III	on) Scum	Other:	
General Comments: Time (hrs): 10 05 h/5 River Mile (Site): PM 3.65 West Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 649 h/6 Sp. Cond. (µmhos/cm): 734.0 Dissolved Oxygen (mg/L): 9.12 D.O. (%): 98.5 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTID): 7.37				Sp. Cond. (µmhos/cm):	757.8
General Comments: Time (hrs): 10 05 M/5 River Mile (Site): Average (NTU): S.93 Time (hrs): 10 05 M/5 River Mile (Site): A 3.65 West Meather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 649 Milky Other: Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTII): 7.37 General Comments: Time (hrs): 10 05 M/5 River Mile (Site): Average (NTII): 7.37	ne-	2 1330170	emperature (80)	D.O. (%):	8 93.8
Time (hrs): 10 05 M/2 River Mile (Site): A 3.65 West Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 649 Mone Sp. Cond. (µmhos/cm): 734 Mone Temperature (°C): 18935 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 7.97	Aut .	Turbidity I (NTU):	Turbidia 2 a viva	pH (s.u.):	
Time (hrs): 10 05 M/S River Mile (Site): FM 3.65 West Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 649 W Sp. Cond. (µmhos/cm): 734.0 Dissolved Oxygen (mg/L): 9.12 D.O. (%): 98.5 Temperature (*C): 18.935 pH (s.u.): 8.10 General Coating: Turbidity 2 (NTU): Average (NTII): 7.31	Sar	General Comments:	Turbidity 2 (NTU):	Average (NTU):	8.93
HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 649	<u>7</u>	Veather: Clear Partly Clo Steady Rain Heavy	dy Overcast Light Rain/Showe		rest
Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 649 6 Dissolved Oxygen (mg/L): 9.12 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 7.31		D Status: OK	Other:	Elevated Flood	de m _u m
Surface Coating: None Foam Oily Scum Other: Conductivity (μmhos/cm): 649 / 6 Dissolved Oxygen (mg/L): Temperature (°C): 18.975 Turbidity 1 (NTU): General Communication Anaerobic Sewage Chemical Other: Sp. Cond. (μmhos/cm): 734. 0 D.O. (%): pH (s.u.): 8.10 Average (NTU): Average (NTU):	282	M	WINKY	Other:	
Field Parameters: Conductivity (µmhos/cm): 649 6 Dissolved Oxygen (mg/L): 9.12 Temperature (°C): 18.975 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 7.37	2	Tetroleum		01	
Temperature (°C): 18.975 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 7.97	Fie	115	o scum	Other:	
Temperature (°C): 18.975 Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 7.97	128(. Cond. (µmhos/cm):	134.0
Turbidity 1 (NTU): Turbidity 2 (NTU): PH (s.u.): 8.10 General Comments: Average (NTU): 7.92	φ	Ter	ygen (mg/L):		
General Comments: Average (NTU): Average (NTU):	NO3	furbidity 1 (NTU):	Turbidity 2 (Nature)		
	Ī	General Comments:	. sirotuity 2 (NTU):	Average (NTU):	7.92
	4-910				

Modified January 28, 2015

R-1506300008 West Creek River Mile 2.10

щ	Gage Station and ID: Daily Mean Discharge: ft³/sec
Mile 0.20	Was this sample taken during or following a wet weather event? YES / NO
e 0.	Water Quality Meters Used: 600 XL A
15 Na	Time (hrs): 10:20am River Mile (Site): West RM 0,20
ek River Mile 0.20 Sample Date: 7/1/2016 IO3-B H2SO4-C Na2S2O;	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
e Da	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
West Creek Sample ne-A HNO3-B	HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps
	Color: Clear Muddy Tea Milky Other:
West	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
ž	Surface Coating: None Foam Oily Scum Other:
	Field Parameters: Conductivity (µmhos/cm): 668 Temperature (°C): 18, 33
Ö	Dissolved Oxygen (mg/L): 8 58 pH (s.u.): 7.9
Sample 1D:	General Comments: Sp. Con 766
	General Comments: Sp. Con 766
	General Comments: Sp. Con 706 Time (hrs): 1050 River Mile (Site): PM 2. Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
16 Na2S2O3-E	General Comments: Sp. Con 706 Time (hrs): 1050 River Mile (Site): PM 2.1 Weather: Clear Partly Cloud Overcast Light Rain/Showers Heavy Rain
7/1/2015 O4-C Na2S2O3-E	General Comments: Sp. Con 7006 Time (hrs): D50 River Mile (Site): PM 2 Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps
Date: 7/1/2015 H2SO4-C Na2S2O3-E	General Comments: Sp. Con 706 Time (hrs): 1050 River Mile (Site): PM 2. Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset
Date: 7/1/2015 H2SO4-C Na2S2O3-E	General Comments: Sp. CM 7 COG Time (hrs): DSD River Mile (Site): PM 2. Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other:
Sample Date: 7/1/2015 HNO3-B H2SO4-C Na2S2O3-E	Time (hrs):
Sample Date: 7/1/2015 -A HNO3-B H2SO4-C Na2S2O3-E	Time (hrs):
Date: 7/1/2015 H2SO4-C Na2S2O3-E	General Comments: Co. 766 Time (hrs): D50 River Mile (Site): PM 2. Weather: Clear Partly Cloud) Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Buried Out of Water H-D was Reset Unknown (river too high) Missing Not Installed Flow: fps Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (µmhos/cm): 495 Temperature (°C): 18.29

	Gage Station and ID: Daily Mean Discharge: ft³/sec
	Was this sample taken during or following a wet weather event? YES/NO
	Water Quality Meters Used: 10 DD X L ''A" HACH 120277-SOLOR
	Time (hrs): 0850 River Mile (Site): 20
щ	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
20 203	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
River Mile 0.20 8/24/2015 O4-C Na2S2O3-E	HD Status: OK Other:
19 Z	Color: Clear Muddy Tea Milky Other:
Z4/2(24-C)	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
River)ate: 6/24/20 H2SO4-C	Surface Coating: None Foam Oily Scum Other:
	Field Parameters: Conductivity (μmhos/cm): 935 Sp. Cond. (μmhos/cm): 10 (ρ
Sample CHNO3-B	Dissolved Oxygen (mg/L): D.O. (%):
Sam Sam -A HNO	Temperature (°C): 18, 45 pH (s.u.): 8,00
Jst e-A	Turbidity 1 (NTU): 29.0 Turbidity 2 (NTU): 27.3 Average (NTU): 78.0
None-A	General Comments: * DO MITHER not MORKING COTTECHU.
•	Time (hrs): 1920 River Mile (Site): RM 1.07
	Time (hrs): 1920 River Mile (Site): 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
60 :03-E	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain
e 1.60 2S2O3-E	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
Mile 1.60 16 Na2S2O3-E	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
201 -C	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other:
201 -C	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other:
River I late: 6/24/2011 H2SO4-C	Weather: Clear Steady Rain Partly Cloudy Overcast Light Rain/Showers Heavy Rain Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): X DX Sp. Cond. (μmhos/cm): ADX
River I ple Date: 6/24/2011 3-B H2SO4-C	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other: Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other:
River I ple Date: 6/24/2011 3-B H2SO4-C	Weather: Clear Older: Partly Cloudy Overcast Other: Light Rain/Showers Heavy Rain Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 80% Sp. Cond. (μmhos/cm): 90%
River late: 6/24/2011 H2SO4-C	Weather: Clear Steady Rain Partly Cloudy Overcast Light Rain/Showers Heavy Rain Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood HD Status: OK Other: Color: Clear Muddy Tea Milky Other: Odor: Normal Petroleum Anaerobic Sewage Chemical Other: Surface Coating: None Foam Oily Scum Other: Field Parameters: Conductivity (μmhos/cm): 80% Sp. Cond. (μmhos/cm): 90% Dissolved Oxygen (mg/L): D.O. (%): 90%

		Stream: West Lyley Date: 101	Conceiors. 191, 197/Cites	DITT K.I
		Gage Station and ID:	Daily Mean Discharge:	ft³/sec
		Was this sample taken during or following a wet w		
		Water Quality Meters Used: 1000 X L " A"	HACH 120227-5068	
		Time (hrs): 1920 River Mil	le (Site): Field Blank@RM 1	.00
	щ	Weather: Clear Partly Cloudy Overcast Steady Rain Heavy Snow Melt	Light Rain/Showers Heavy Rain Other:	
×	200	Flow: Dry Intermittent Minimal	Baseline/Normal Elevated Flood	
Field Blank	s Na2S2O3-E	HD Status: OK Other:	eng aks	- 1
. P	015 N	Color: Clear Muddy	Tea Milky Other:	
Fig.	/24/2 04-C	Odor: Normal Petroleum Anaerob	oic Sewage Chemical Other:	
nk Field	hate: 6/24/20 H2SO4-C	Surface Coating: None Foam	Oily Scum Other:	
2		Field Parameters: Conductivity (µmhos/cm):		
卢치	Sample D HNO3-B	Dissolved Oxygen (mg/L):	D.O. (%):	
, Blai	ν Z Z		pH (s.u.):	
Field Blank	None-A	Turbidity 1 (NTU): Turbidity 2 General Comments:	(NTU): O - 14 Average (NTU): O .	13
	-	Time (hrs): 1950 River Mil	e (Site): RM 2.10	
			Light Rain/Showers Heavy Rain	
0	5 Na2S2O3-E	Flow: Dry Intermittent Minimal	Baseline/Normal Elevated Flood	
2.	282	HD Status: OK Other: M	221001	
d)	<u>a</u>	Color: Clear Muddy	Γea Milky Other:	
Mile 2.10	5 -	Otto:		
. —	7	Odor: Normal Petroleum Anaerob	ic Sewage Chemical Other:	
. —	7	Odor: Normal Petroleum Anaerob	oic Sewage Chemical Other: Oily Scum Other:	
	7	Odor: Normal Petroleum Anaerob	Oily Scum Other:	77
River	7	Odor: Normal Petroleum Anaerob Surface Coating: None Foam (Field Parameters: Conductivity (µmhos/cm):	Oily Scum Other:	
River	7	Odor: Normal Petroleum Anaerob Surface Coating: None Foam (Field Parameters: Conductivity (µmhos/cm): Dissolved Oxygen (mg/L):	Oily Scum Other: Sp. Cond. (μmhos/cm): D.O. (%):	7 *
_	==	Odor: Normal Petroleum Anaerob Surface Coating: None Foam (Field Parameters: Conductivity (µmhos/cm): Dissolved Oxygen (mg/L):	Oily Scum Other: Sp. Cond. (μmhos/cm): D.O. (%): pH (s.u.): χ, ρ	+ +

River Mile 1.60	16	Na2S2O3-E
	Sample Date: 6/17/2016	HN03-B H2SO4-C
West Creek		None-A
		Sample ID.

ple ID:

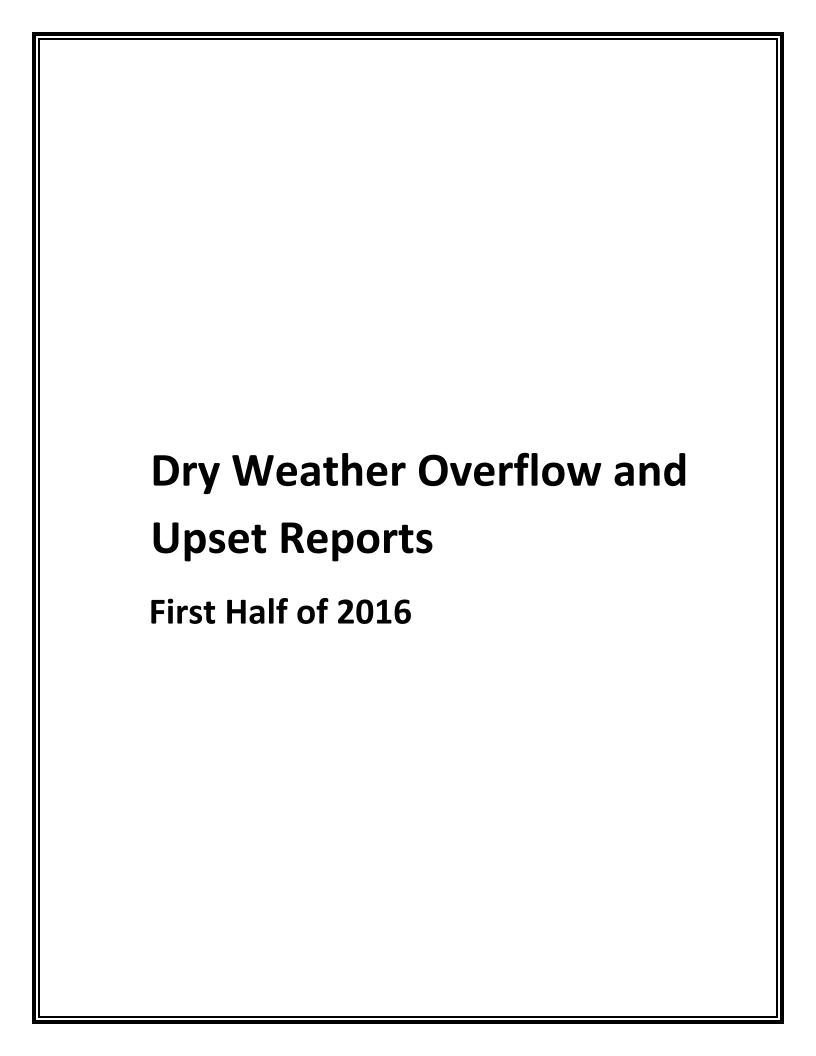
	Stream: West Creek Date: 6/17/15 Collectors: MM/JM
	Gage Station and ID: Daily Mean Discharge: ft³/sec
	Was this sample taken during or following a wet weather event? YES / NO
	Water Quality Meters Used: Exa 600 XL \B 11
Γi	me (hrs): 925 River Mile (Site): 0.26
	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
	HD Status: OK Other:
	Color: Clear Muddy Tea Milky Other:
	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
	Surface Coating: None Foam Oily JM Scum Scum Other:
	Field Parameters: Conductivity (μmhos/cm): 1345 1.081 Sp. Cond. (μmhos/cm): 1345
	Dissolved Oxygen (mg/L): 8 (e) D.O. (%): 91.7
	Temperature (°C): 17.88 pH (s.u.): 8.3
	Turbidity 1 (NTU): 6.41 Turbidity 2 (NTU): 6.12 Average (NTU): 6.3
	General Comments:
Γi	me (hrs): River Mile (Site): 1.60
	Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:
	Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood
	HD Status: OK Other:
	Color: Clear Muddy Tea Milky Other:
	Odor: Normal Petroleum Anaerobic Sewage Chemical Other:
	Surface Coating: None Foam Oily Scum Other:
	Field Parameters: Conductivity (μmhos/cm): 0.881 / Sp. Cond. (μmhos/cm): 1031
	Dissolved Oxygen (mg/L): 9.31 D.O. (%): 98.7
	Temperature (°C): 17.83 pH (s.u.): 5.23
	Turbidity I (NTU): 5,9 Turbidity 2 (NTU): 6,3
	General Comments:

None-A HNO3-B H2SO4-C Na2S2O3-E Sample Date: 6/17/2015 R-1506150021 West Creek None-A HNO3-B H2SO4-C Na2S2O3-E River Mile 3.65 Sample Date: 6/17/2015 West Creek

sample ID:

River Mile 2.10

NEORSD Surface Water Condition Sampling Field Data Form	
Stream: West Creek Date: 6/17/15 Collectors: MM/C	TM
Gage Station and ID: Daily Mean Discharge:	ft³/sec
Was this sample taken during or following a wet weather event? YES / NO	
Water Quality Meters Used:	
Time (hrs): 1005 River Mile (Site): 2	e in agent
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:	
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood	
HD Status: OK Other:	
Color: Clear Muddy Tea Milky Other:	
Odor: Normal Petroleum Anaerobic Sewage Chemical Other	er:
Surface Coating: None Foam Oily Scum Other:	
Field Parameters: Conductivity (μmhos/cm): 0.743 % Sp. Cond. (μmhos/cm):	860
Dissolved Oxygen (mg/L): 9.03 D.O. (%): 99	
Temperature (°C): 17.83 pH (s.u.): 8	09
Turbidity 1 (NTU): 5.92 Turbidity 2 (NTU): 5.8 Average (NTU):	
General Comments:	mil female
General Comments.	
Time (hrs): 1025 River Mile (Site): 3.45	
Weather: Clear Partly Cloudy Overcast Light Rain/Showers Heavy Rain Steady Rain Heavy Snow Melt Other:	10
Flow: Dry Intermittent Minimal Baseline/Normal Elevated Flood	
HD Status: OK Other:	- Antonique
Color: Clear Muddy Tea Milky Other:	one t
Odor: Normal Petroleum Anaerobic Sewage Chemical Other	er:
Surface Coating: None Foam Oily Scum Other:	
Field Parameters: Conductivity (μmhos/cm): 0.141 m/cm Sp. Cond. (μmhos/cm):	861
	0.0
Dissolved Oxygen (mg/L): 9.00 D.O. (%): 9.00	
Dissolved Oxygen (mg/L): 1.00 D.O. (%):	07
Dissolved Oxygen (mg/L): 18.03 Temperature (°C): 18.03 pH (s.u.): 3	07
Dissolved Oxygen (mg/L): 100 D.O. (%): 41 Temperature (°C): 18.03 pH (s.u.): 3	9.1





4747 East 49th Street Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes From: Greg Mitchell

Ohio EPA

Date: 3/24/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure: D-87 STANWOOD AVE AT OAKHILL AVE

Date Found: 3/24/2016 **TIME FOUND:** 10:30 AM **CSO:** CSO-211

Receiving Water: NINE MILE CREEK

Estimated Discharge (Gallons): 3,000

Cause: Downstream blockage

Proposed Remedial Action: Jet rod and vacuum sewer.

Jurisdiction: NEORSD

Contact Person: Thomas Madej

Additional Information: N/A

Date Corrected: 3/24/2016 **Time Corrected:** 11:30 AM

Duration of Discharge (Hrs): 1.00

Corrective Action: Jet rodded and vacuumed thirty five feet downstream of regulator to remove

blockage.

Work Order #: 1608481-01



4747 East 49th Street Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes From: Greg Mitchell

Ohio EPA

Date: 3/29/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure: BC-66B W 140TH ST WEST OF HAROLD AVE

Date Found: 3/29/2016 **TIME FOUND:** 6:30 AM **CSO:** CSO-058

Receiving Water: BIG CREEK

Estimated Discharge (Gallons): 48,400

Cause: Downstream blockage

Proposed Remedial Action: Jet rod and vacuum

Jurisdiction: NEORSD

Contact Person: Thomas Madej

Additional Information:

Date Corrected: 3/29/2016 **Time Corrected:** 11:30 AM

Duration of Discharge (Hrs): 5.00

Corrective Action: Jet rodded and vacuumed

Work Order #: 1609092-01



To:	Erm Gomes	From:	Greg Mitchel
	LITH UUTILES	110111	O. CD

Ohio EPA

Date: 3/29/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure: D-37 PRIMROSE AVE AND LINN DR

Date Found: 3/29/2016 **TIME FOUND:** 4:00 AM **CSO:** CSO-230

Receiving Water: DUGWAY BROOK

Estimated Discharge (Gallons): 28,500

Cause: Pop bottle stuck in outlet.

Proposed Remedial Action: Jet rod and vaccum sewer

Jurisdiction: NEORSD

Contact Person: Thomas Madej

Additional Information:

Date Corrected: 3/29/2016 **Time Corrected:** 9:30 AM

Duration of Discharge (Hrs): 5.50

Corrective Action: Jet rodded and vacuumed

Work Order #: 1609094-01



To: Erm Gomes From: Greg Mitchell

Ohio EPA

Date: 3/30/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure: E-36 GORDON PARK AND E 73RD ST NORTH OF RR TRACKS

Date Found: 3/30/2016 **TIME FOUND:** 10:30 AM **CSO:** CSO-204

Receiving Water: LAKE ERIE

Estimated Discharge (Gallons): 1,800

Cause: Grit/Leaves

Proposed Remedial Action: Jet rod and Vacuum sewer

Jurisdiction: NEORSD

Contact Person: Thomas Madej

Additional Information:

Date Corrected: 3/30/2016 **Time Corrected:** 12:30 PM

Duration of Discharge (Hrs): 2.00

Corrective Action: Jet rodded and vacuumed

Work Order #: 1608714-02



To: Erm Gomes From: Curtis Brown

Ohio EPA

Date: 4/21/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure: BC-36 4099 W 56TH ST NORTH OF SHADYSIDE AVE

Date Found: 4/20/2016 **TIME FOUND:** 1:00 PM **CSO:** CSO-053

Receiving Water: BIG CREEK

Estimated Discharge (Gallons): 2,590

Cause: Downstream blockage

Proposed Remedial Action: Remove obstruction

Jurisdiction: NEORSD

Contact Person: Thomas Madej

Additional Information:

Date Corrected: 4/20/2016 **Time Corrected:** 1:30 PM

Duration of Discharge (Hrs): 0.50

Corrective Action: Jet rodded 100 feet downstream to remove blockage.

Work Order #: 1608276-04



To: Erm Gomes From: Greg Mitchell

Ohio EPA

Date: 5/4/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure: D-37 PRIMROSE AVE AND LINN DR

Date Found: 5/3/2016 **TIME FOUND:** 1:00 PM **CSO:** CSO-230

Receiving Water: DUGWAY BROOK

Estimated Discharge (Gallons): 5,200

Cause: Debris - Plastic bottle

Proposed Remedial Action: Remove obstruction

Jurisdiction: NEORSD

Contact Person: Thomas Madej

Additional Information:

Date Corrected: 5/3/2016 **Time Corrected:** 2:00 PM

Duration of Discharge (Hrs): 1.00

Corrective Action: Jet rodded and vacuumed

Work Order #: 1611749-02



To: Erm Gomes From: Michael J. Zapior

Ohio EPA

Date: 5/9/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure: I-20 CATALPA RD AND NYC RR

Date Found: 5/8/2016 **TIME FOUND:** 2:06 PM **CSO:** CSO-214

Receiving Water: GREEN CREEK

Estimated Discharge (Gallons): 1,300

Cause: Downstream blockage - Concrete

Proposed Remedial Action: Remove obstruction

Jurisdiction: NEORSD

Contact Person: Thomas Madej

Additional Information:

Date Corrected: 5/8/2016 **Time Corrected:** 9:00 PM

Duration of Discharge (Hrs): 6.90

Corrective Action: Removed obstruction with jackhammer.

Work Order #: 1613338-01



To: Erm Gomes From: Greg Mitchell

Ohio EPA

Date: 6/15/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure: E-25 CANAL RD EAST OF W 3RD ST

Date Found: 6/15/2016 **TIME FOUND:** 9:00 AM **CSO:** CSO-235

Receiving Water: CUYAHOGA RIVER

Estimated Discharge (Gallons): 4,308

Cause: Grit/Leaves

Proposed Remedial Action: Jet rod and vacuum

Jurisdiction: NEORSD

Contact Person: Thomas Madej

Additional Information: N/A

Date Corrected: 6/15/2016 **Time Corrected:** 9:30 AM

Duration of Discharge (Hrs): 0.50

Corrective Action: Jet rodded and vacuumed

Work Order #: 1616994-02



To: Erm Gomes From: Greg Mitchell

Ohio EPA

Date: 5/5/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure: D-76 13505 EUCLID AVE AT SUPERIOR AVE

Date Found: 5/4/2016 **TIME FOUND:** 1:00 PM **CSO:** CSO-231

Receiving Water: DUGWAY BROOK

Estimated Discharge (Gallons): 9,432

Cause: Downstream blockage

Proposed Remedial Action: Remove obstruction

Jurisdiction: NEORSD

Contact Person: Thomas Madej

Additional Information:

Date Corrected: 5/4/2016 **Time Corrected:** 2:00 PM

Duration of Discharge (Hrs): 1.00

Corrective Action: Jet rodded and vacuumed

Work Order #: 1611372-02



To: Erm Gomes From: Curtis Brown

Ohio EPA

Date:

****REVISED COPY****

Northeast Ohio Regional Sewer District
Dry Weather Overflow Advisory
Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure E-03

Date Found: 1/2/2016 **Time Found:** 7:30 AM **CSO:** CSO-200

Receiving Water: LAKE ERIE

Approximate Discharge (Gallons): See additional information below

Description of Problem: Water main break at East 40th Street and Chester Avenue. City of Cleveland

water was causing the overflow.

Community with Maintenance Responsibility: Cleveland Division of Water

Contact Person: Ozzie Vason (CWD) 216-664-3130

Additional Information: Upon reviewing exisiting data gathered at a permanent flow monitor just

downstream of regulator E-03, it was verified that approximately 6.77 MG of flow was discharged to the outfall. A majority of this discharge was city water.

1/7/2016

Date Corrected: 1/2/2016 **Time Corrected:** 1:00 PM

Duration Of Discharge: 5.50 Hrs.

Work Order Number: 1600068-01

Note: This is not a dry weather overflow caused by a malfunctioning combined sewer overflow regulator.



Го:	Erm Gomes	From:	Lyle Plummer

Ohio EPA **Date:** 1/20/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Advisory
Upset Condition Pursuant to Section 40 CFR 122.41(n)

X Initial Advisory

X Five-Day Status Report

Structure WR-08

Date Found: 1/16/2016 **Time Found:** 6:30 AM **CSO:** CSO-082

Receiving Water: CUYAHOGA RIVER

Approximate Discharge (Gallons): 357,000

Description of Problem: City of Cleveland WPC's West 3rd/Mahoning Pump Station failed.

Community with Maintenance Responsibility: Cleveland

Contact Person: Mark Hurst (Cleveland WPC) 216-664-2513

Additional Information: Overflow event was found while reviewing exisiting data gathered at a

temporary level monitor just downstream of regulator WR-08. The event took place on 1/16/16 at approx. 6:30 AM and the problem was not corrected by

WPC until 9:30 AM on 1/19/16.

Date Corrected: 1/19/2016 **Time Corrected:** 9:30 AM

Duration Of Discharge: 75 Hrs.

Work Order Number: NA

Note: This is not a dry weather overflow caused by a malfunctioning combined sewer overflow regulator. This discharge, however, is considered an upset pursuant to 40 CFR part 122.41(n).

The Northeast Ohio Regional Sewer District's mission is to provide progressive sewage and stormwater management through innovation, fiscal responsibility and community partnerships.



To: Erm Gomes From: Curtis Brown

Ohio EPA **Date:** 2/5/2016

Northeast Ohio Regional Sewer District

Dry Weather Overflow Advisory

Unset Condition Pursuant to Section 40 CER 122

Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure DWR-2 LINN DRIVE SOUTH OF FDR ACADEMY

Date Found: 2/4/2016 **Time Found:** 11:45 AM **CSO:** N/A

Receiving Water: NONE

Approximate Discharge (Gallons): 200-300

Description of Problem: Contractor damaged Dugway Interceptor E-Branch while attempting to verify

position.

Community with Maintenance Responsibility: NEORSD

Contact Person: Thomas Kral, Walsh Construction (313) 475-3989

Additional Information: NOTE: This is not a dry weather overflow caused by a malfuctioning combined

sewer overflow regulator. This discharge, however, is considered an upset

pursuant to 40 CFR Part 122.41(n).

Date Corrected: 2/4/2016 **Time Corrected:** 4:30 PM

Duration Of Discharge: 4.75 HRS

Work Order Number: 1603966-01

Note: This is not a dry weather overflow caused by a malfunctioning combined sewer overflow regulator.



To: **Erm Gomes**

From: Michael J. Zapior

Ohio EPA

****REVISED COPY****

4/18/2016

Northeast Ohio Regional Sewer District Dry Weather Overflow Advisory

Upset Condition Pursuant to Section 40 CFR 122.41(n)

Initial Advisory

Five-Day Status Report

Structure

Mary Street Pump Station (West 3rd/Mary St.)

Date Found:

4/2/2015

Time Found:

10:15 PM

CSO:

Date:

CSO-086

Receiving Water: Cuyahoga River

Approximate Discharge (Gallons):

158,125

Description of Problem:

Power outage at the Pump Station.

Community with Maintenance Responsibility:

Cleveland Electric Illuminating Company

Contact Person:

Cleveland Illuminating Company (800) 544-4877

Additional Information:

Site does not have a back-up emergency generator. CEI was able to restore power

prior to initiating bypass pumping.

Original advisory incorrectly noted that maintenance responsibility was with

Cleveland Public Power.

Date Corrected:

4/3/2016

Time Corrected:

8:03 AM

Duration Of Discharge:

9.8 hours

Work Order Number:

1609626-01

Note: This is not a dry weather overflow caused by a malfunctioning combined sewer overflow regulator.



To: Erm Gomes From: Michael J. Zapior

Ohio EPA

****REVISED COPY**** Date: 4/5/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Advisory
Upset Condition Pursuant to Section 40 CFR 122.41(n)

χ Initial Advisory

χ Five-Day Status Report

Structure Mary Street Pump Station (West 3rd/Mary St.)

Date Found: 4/2/2015 **Time Found:** 10:15 PM **CSO:** CSO-086

Receiving Water: Cuyahoga River

Approximate Discharge (Gallons): 158,125

Description of Problem: Power outage at the Pump Station.

Community with Maintenance Responsibility: Cleveland Public Power

Contact Person: Cleveland Public Power (216) 664-4600

Additional Information: Site does not have a back-up emergency generator. CCP was able to restore power

prior to initiating bypass pumping.

Date Corrected: 4/3/2016 **Time Corrected:** 8:03 AM

Duration Of Discharge: 9.8 hours

Work Order Number: 1609626-01

Note: This is not a dry weather overflow caused by a malfunctioning combined sewer overflow regulator.



10:	Erm Gomes Ohio EPA				From:	Brian Stapleton
		Dry W	Ohio Regional Sewer Teather Overflow Adv In Pursuant to Section	visory	Date:	1/6/2016
			Initial Advisory			
		X	Five-Day Status Re	eport		
Struct	ture Her	nninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	ving Water:	Big Creek				
Appro	oximate Disch	arge (Gallons): Le	ess than 10 GPM			
Descr	iption of Prob	llem: Possible sar	nitary cross connection	on into storm sewe	er	
Comn	nunity with M	laintenance Responsil	bility: Clevelan	d		
Conta	ict Person:	Elie Ramy WPC (216)	664-2750			
Addit	ional Informa	oman amea	nt of sanitary flow in corm sewer. WPC is w rmined.	•		
Date	Corrected:		Time Corrected:			
Durat	ion Of Discha	rge:				
Work	Order Numbe	er: 1519601-01				
Note:	This is not a c	lry weather overflow	caused by a malfunct	ioning combined s	ewer ove	rflow regulator.
This d	lischarge, how	ever, is considered an	upset pursuant to 40	O CFR part 122.41(n).	



То:	Erm Gomes Ohio EPA					From:	Brian Stapleton	
		Dry	st Ohio Region Weather Over tion Pursuant t	rflow Adviso		Date:	1/20/2016	
			Initial Ad	lvisory				
		Х	Five-Day	Status Repo	ort			
Struct	ure Henn	inger Rd. West of	Pearl					
Date F	Found:	7/28/2015	Time Fou	ınd:	12:00 PM	CSO:	CSO-050	
Receiv	ving Water: E	Big Creek						
Appro	ximate Dischai	ge (Gallons):	Less than 10 (GPM				
Descri	ption of Proble	em: Possible	sanitary cross	connection i	into storm sew	er		
Comme	oveite Ma	intanana Basna	acibilit	Cleveland				
	•	intenance Respo	,	Cievelanu				
		lie Ramy WPC (2		_			_	
Additi	onal Informati	upstrean		-			o CSO-050 from rsion until the cause	
Date 0	Corrected:		Time Cor	rected:				
Durati	ion Of Discharg	e:						
Work	Order Number	: 1519601-01						

The Northeast Ohio Regional Sewer District's mission is to provide progressive sewage and stormwater management through innovation, fiscal responsibility and community partnerships.

Note: This is not a dry weather overflow caused by a malfunctioning combined sewer overflow regulator.



То:	Erm Gomes Ohio EPA				From:	Brian Stapleton
	0.110 2.71	Dry W	Ohio Regional Sewer eather Overflow Ad n Pursuant to Section	visory	Date:	1/28/2016
			Initial Advisory			
		X	Five-Day Status R	eport		
Struc	ture Her	ninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050
Recei	iving Water:	Big Creek				
	oximate Discn		ess than 10 GPM nitary cross connecti	on into storm sewe	r	
Comr	munity with M	aintenance Responsil	bility: Clevelar	nd		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	•	nt of sanitary flow in corm sewer. WPC is v rmined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numbe	er: 1519601-01				
		lry weather overflow		_		rflow regulator.
THIS C	aischarge, now	ever, is considered an	i upset pursuant to 4	u CFK part 122.41(r	1).	



То:	Erm Gomes Ohio EPA				From:	Brian Stapleton
		Dry We	hio Regional Sewer D ather Overflow Advi Pursuant to Section	sory	Date:	2/9/2016
			Initial Advisory			
		X	Five-Day Status Rep	oort		
Struc	ture Her	nninger Rd. West of Pea	arl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	iving Water:	Big Creek				
	oximate Disch		ss than 10 GPM tary cross connection	n into storm sewe	r	
Comr	munity with M	aintenance Responsib	ility: Cleveland			
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	• · · · · · · · · · · · · · · · · · · ·	nt of sanitary flow inte orm sewer. WPC is wo mined.	•		
Date	Corrected:		Time Corrected:			
Durat	tion Of Discha	rge:				
Work	c Order Numbe	er: 1519601-01				
		lry weather overflow ca	· · · · · · · · · · · · · · · · · · ·	_		rflow regulator.
11115 (aischarge, now	ever, is considered and	upset pursudiit to 40	CEN Part 122.41(f)	ı,.	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry W	Ohio Regional Sewer Jeather Overflow Ad n Pursuant to Section	visory	Date:	2/15/2016
			Initial Advisory			
		Х	Five-Day Status R	eport		
Struc	ture Her	nninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons): Le	ess than 10 GPM			
Desci	ription of Prob	llem: Possible sar	nitary cross connecti	on into storm sewe	r	
Comr	munity with M	laintenance Responsi	bility: Clevelar	ıd		
Conta	act Person:	Elie Ramy WPC (216) 664-2750			
Addit	tional Informa		int of sanitary flow in torm sewer. WPC is v ermined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numbe	er: 1519601-01				
Note	: This is not a c	lry weather overflow	caused by a malfunct	cioning combined se	ewer ove	rflow regulator.
This o	discharge, how	ever, is considered ar	n upset pursuant to 4	0 CFR part 122.41(r	າ).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry W	Ohio Regional Sewer eather Overflow Adv n Pursuant to Section	visory	Date:	2/20/2016
			Initial Advisory			
		Х	Five-Day Status Re	eport		
Struc	ture Her	nninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons): Le	ess than 10 GPM			
Desci	ription of Prob	lem: Possible san	itary cross connection	on into storm sewe	er	
Comr	munity with M	aintenance Responsil	oility: Clevelan	d		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	•	nt of sanitary flow intorm sewer. WPC is wormined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numbe	er: 1519601-01				
Note	: This is not a c	lry weather overflow o	caused by a malfunct	ioning combined s	ewer ove	rflow regulator.
This o	discharge, how	ever, is considered an	upset pursuant to 40	O CFR part 122.41(n).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry V	Ohio Regional Sewer Veather Overflow Adv on Pursuant to Section	visory	Date:	2/25/2016
			Initial Advisory			
		Х	Five-Day Status Re	eport		
Struc	ture Her	nninger Rd. West of F	Pearl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons):	ess than 10 GPM			
Desci	ription of Prob	lem: Possible sa	nitary cross connection	on into storm sew	er	
Comr	munity with M	aintenance Respons	ibility: Clevelan	d		
Conta	act Person:	Elie Ramy WPC (216	5) 664-2750			
Addit	tional Informa	• • • • • • • • • • • • • • • • • • • •	unt of sanitary flow in storm sewer. WPC is w ermined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numbe	er: 1519601-01				
Note	: This is not a c	lry weather overflow	caused by a malfunct	ioning combined s	ewer ove	rflow regulator.
This o	discharge, how	ever, is considered a	n upset pursuant to 40	O CFR part 122.41(n).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry W	Ohio Regional Sewer Teather Overflow Adv In Pursuant to Section	visory	Date:	3/1/2016
			Initial Advisory			
		X	Five-Day Status R	eport		
Struc	ture Her	nninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050
Rece	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons): Le	ess than 10 GPM			
Desc	ription of Prob	Possible sar	nitary cross connection	on into the storm se	wer.	
Comi	munity with N	laintenance Responsi	bility: Clevelan	d		
Cont	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	upstream st	ints of sanitary flow intorm sewer. Clevelan an be determined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numb	er: 1519601-01				
Note	: This is not a	dry weather overflow	caused by a malfunct	ioning combined se	wer ove	rflow regulator.
This o	discharge, how	vever, is considered ar	upset pursuant to 4	0 CFR part 122.41(r	1).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry W	Ohio Regional Sewer Teather Overflow Ad In Pursuant to Section	visory	Date:	3/6/2016
			Initial Advisory			
		X	Five-Day Status R	eport		
Struc	ture Her	nninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons): Le	ess than 10 GPM			
Desci	ription of Prob	Possible sar	nitary cross connection	on into the storm se	ewer.	
Comr	munity with M	laintenance Responsi	bility: Clevelar	nd		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	upstream st	nts of sanitary flow i torm sewer. Clevelan an be determined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numbe	er: 1519601-01				
Note	: This is not a c	dry weather overflow	caused by a malfunct	tioning combined se	ewer ove	rflow regulator.
This o	discharge, how	ever, is considered an	upset pursuant to 4	0 CFR part 122.41(r	າ).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry W	Ohio Regional Sewer Teather Overflow Ad In Pursuant to Sectio	visory	Date:	3/11/2016
			Initial Advisory			
		X	Five-Day Status R	eport		
Struc	cture Her	nninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Rece	iving Water:	Big Creek				
	oximate Disch		ess than 10 GPM nitary cross connection	on into the storm s	ewer.	
	munity with M act Person:	laintenance Responsil Elie Ramy WPC (216)		nd		
	tional Informa	tion: Small amou upstream st	nts of sanitary flow i corm sewer. Clevelar an be determined.			
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	k Order Numb	er: 1519601-01				
		dry weather overflow	•	•		rflow regulator.
inis (uischarge, now	ever, is considered an	i upset pursuant to 4	U CFK part 122.41(n).	



То:	Erm Gomes Ohio EPA				From: Date:	Michael J. Zapior 3/16/2016
	Northeast Ohio Regional Sewer District Dry Weather Overflow Advisory Upset Condition Pursuant to Section 40 CFR 122.41(n)					3/10/2010
			Initial Advisory			
		Х	Five-Day Status R	eport		
Struc	ture Her	nninger Rd. West of Pea	arl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons): Les	s than 10 GPM			
Desci	ription of Prob	Possible sani	tary cross connecti	on into storm sewe	er	
Comr	munity with M	laintenance Responsib	ility: Clevelar	nd		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	• · · · · · · · · · · · · · · · · · · ·				o CSO-050 from rsion until the cause
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	Order Numbe	er: 1519601-01				
Note	: This is not a d	dry weather overflow ca	aused by a malfunc	tioning combined s	ewer ove	rflow regulator.
This o	discharge, how	ever, is considered an i	upset pursuant to 4	0 CFR part 122.41(n).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry	st Ohio Regional Sewer Weather Overflow Adv tion Pursuant to Section	risory	Date:	3/21/2016
			Initial Advisory			
		х	Five-Day Status Re	eport		
Struc	ture Her	ninger Rd. West o	f Pearl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons):	Less than 10 GPM			
Desci	ription of Prob	lem: Possible	sanitary cross connection	on into storm sew	er	
Comr	munity with M	aintenance Respo	nsibility: Cleveland	d		
Conta	act Person:	Elie Ramy WPC (2	16) 664-2750			
Addit	tional Informa	upstrean	nount of sanitary flow int n storm sewer. WPC is w etermined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numbe	er: 1519601-01				
Note	: This is not a c	lry weather overflo	ow caused by a malfunct	ioning combined s	sewer ove	rflow regulator.
This o	discharge, how	ever, is considered	I an upset pursuant to 40) CFR part 122.41	(n).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
	Northeast Ohio Regional Sewer District Dry Weather Overflow Advisory Upset Condition Pursuant to Section 40 CFR 122.41(n)				Date:	3/26/2016
			Initial Advisory			
		X	Five-Day Status R	eport		
Struc	ture Her	nninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons): Le	ess than 10 GPM			
Desci	ription of Prob	Possible san	nitary cross connection	on into storm sewe	er	
Comr	munity with M	laintenance Responsil	bility: Clevelan	d		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	2	nt of sanitary flow in form sewer. WPC is w rmined.			
Date	Corrected:		Time Corrected:			
Durat	tion Of Discha	rge:				
Work	c Order Numb	er: 1519601-01				
Note	: This is not a d	dry weather overflow (caused by a malfunct	ioning combined s	ewer ove	rflow regulator.
This c	discharge, how	vever, is considered an	upset pursuant to 4	0 CFR part 122.41(n).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior		
Northeast Ohio Regional Sewer District Dry Weather Overflow Advisory Upset Condition Pursuant to Section 40 CFR 122.41(n)					Date:	3/31/2016		
			Initial Advisory					
		X	Five-Day Status Rep	oort				
Struc	ture Her	nninger Rd. West of Pea	arl					
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050		
Recei	iving Water:	Big Creek						
	Approximate Discharge (Gallons): Less than 10 GPM Description of Problem: Possible sanitary cross connection into storm sewer							
Comr	munity with M	laintenance Responsib	ility: Cleveland					
Conta	act Person:	Elie Ramy WPC (216)	664-2750					
Addit	tional Informa	•	t of sanitary flow inteorm sewer. WPC is womined.	•				
Date	Corrected:		Time Corrected:					
Durat	tion Of Discha	rge:						
Work	c Order Numbe	er: 1519601-01						
		dry weather overflow ca	•	_		rflow regulator.		
11115 (aischarge, HOW	ever, is considered an i	upset pursudiit to 40 '	Ci iv hair 177:41([1).			



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry We	hio Regional Sewer Deather Overflow Advi Pursuant to Section	isory	Date:	4/15/2016
			Initial Advisory			
		X	Five-Day Status Re	port		
Struc	ture He	nninger Rd. West of Pea	arl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	narge (Gallons): Les	ss than 10 GPM			
Desci	ription of Prol	olem: Possible sani	tary cross connectio	n into storm sewe	r	
Comr	munity with N	Naintenance Responsib	ility: Cleveland	i		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	• • • • • • • • • • • • • • • • • • • •	nt of sanitary flow into orm sewer. WPC is wo mined.	•		
Date	Corrected:		Time Corrected:			
Durat	tion Of Discha	irge:				
Work	Order Numb	er: 1610879-01				
Note	: This is not a	dry weather overflow c	aused by a malfunction	oning combined se	ewer ove	rflow regulator.
This c	discharge, how	vever, is considered an	upset pursuant to 40	CFR part 122.41(r	າ).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
	Northeast Ohio Regional Sewer District Dry Weather Overflow Advisory Upset Condition Pursuant to Section 40 CFR 122.41(n)		Date:	4/20/2016		
			Initial Advisory			
		X	Five-Day Status R	eport		
Struc	ture Her	nninger Rd. West of Pea	arl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	ving Water:	Big Creek				
Appro	oximate Disch	arge (Gallons): Les	s than 10 GPM			
Descr	ription of Prob	Possible sani	tary cross connect	ion into storm sewe	er	
Comn	nunity with N	laintenance Responsib	ility: Clevelar	nd		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	ional Informa	Siliali allieali	orm sewer. WPC is	ntermittently discha working on a tempo		o CSO-050 from rsion until the cause
Date	Corrected:		Time Corrected:			
Durat	tion Of Discha	rge:				
Work	Order Numb	er: 1610879-01				
Note:	: This is not a d	dry weather overflow ca	aused by a malfunc	tioning combined s	ewer ove	rflow regulator.
This d	lischarge, how	vever, is considered an i	upset pursuant to 4	0 CFR part 122.41(ı	า).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry W	Ohio Regional Sewer eather Overflow Adv n Pursuant to Section	visory	Date:	4/25/2016
			Initial Advisory			
		Х	Five-Day Status R	eport		
Struc	ture Her	nninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050
Recei	iving Water:	Big Creek				
	oximate Disch		ess than 10 GPM hitary cross connecti	on into storm sewe	r	
Comr	munity with M	aintenance Responsil	bility: Clevelar	nd		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	•	nt of sanitary flow in orm sewer. WPC is v rmined.	· ·		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numbe	er: 1610879-01				
		Iry weather overflow o	· ·	_		rflow regulator.
11115 (aischarge, now	ever, is considered an	upset pursudiit to 4	U CEN PAIT 122.41([]	١).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry \	Ohio Regional Sewer Weather Overflow Adv on Pursuant to Section	visory	Date:	4/30/2016
			Initial Advisory			
		Х	Five-Day Status Re	eport		
Struc	ture Her	nninger Rd. West of I	Pearl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons):	Less than 10 GPM			
Desci	ription of Prob	lem: Possible sa	anitary cross connection	on into storm sew	er	
Comr	munity with M	aintenance Respons	sibility: Clevelan	d		
Conta	act Person:	Elie Ramy WPC (21	6) 664-2750			
Addit	tional Informa	5 a a	ount of sanitary flow in storm sewer. WPC is w cermined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numbe	er: 1610879-01				
Note	: This is not a c	lry weather overflow	v caused by a malfunct	ioning combined s	sewer ove	rflow regulator.
This o	discharge, how	ever, is considered a	an upset pursuant to 40	O CFR part 122.41((n).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry W	Phio Regional Sewer I eather Overflow Adv n Pursuant to Section	isory	Date:	5/10/2016
			Initial Advisory			
		Х	Five-Day Status Re	port		
Struc	ture Her	nninger Rd. West of Pe	arl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons): Le	ss than 10 GPM			
Desci	ription of Prob	lem: Possible san	itary cross connection	on into storm sewe	r	
Comr	munity with M	laintenance Responsik	cleveland	d		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa		nt of sanitary flow int orm sewer. WPC is w rmined.			
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numbe	er: 1610879-01				
Note	: This is not a d	dry weather overflow o	caused by a malfuncti	oning combined se	ewer ove	rflow regulator.
This o	discharge, how	ever, is considered an	upset pursuant to 40	CFR part 122.41(r	1).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry W	Ohio Regional Sewer eather Overflow Adv n Pursuant to Section	visory	Date:	5/15/2016
			Initial Advisory			
		Х	Five-Day Status Re	eport		
Struc	ture Her	nninger Rd. West of Pe	arl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons): Le	ss than 10 GPM			
Desci	ription of Prob	lem: Possible san	itary cross connection	on into storm sewe	r	
Comi	munity with M	laintenance Responsik	clevelan	d		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	• • • • • • • • • • • • • • • • • • • •	nt of sanitary flow into orm sewer. WPC is w rmined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numb	er: 1610879-01				
Note	: This is not a	dry weather overflow o	caused by a malfunct	ioning combined se	wer ove	rflow regulator.
This o	discharge, how	vever, is considered an	upset pursuant to 40	O CFR part 122.41(r	ı).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry W	Ohio Regional Sewer Teather Overflow Ad In Pursuant to Section	visory	Date:	5/20/2016
			Initial Advisory			
		Х	Five-Day Status R	eport		
Struc	ture Her	nninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons): Le	ess than 10 GPM			
Desci	ription of Prob	lem: Possible sar	nitary cross connecti	on into storm sewe	r	
Comr	munity with M	laintenance Responsi	bility: Clevelar	nd		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	533	nt of sanitary flow in torm sewer. WPC is v rmined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:				
Work	c Order Numbe	er: 1610879-01				
Note	: This is not a c	dry weather overflow	caused by a malfunct	tioning combined se	ewer ove	rflow regulator.
This o	discharge, how	ever, is considered ar	upset pursuant to 4	0 CFR part 122.41(r	ı).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry V	Ohio Regional Sewer Veather Overflow Adv on Pursuant to Section	visory	Date:	5/25/2016
			Initial Advisory			
		X	Five-Day Status Re	eport		
Struc	ture Her	nninger Rd. West of P	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons): L	ess than 10 GPM			
Desci	ription of Prob	lem: Possible sa	nitary cross connection	on into storm sew	er	
Comr	munity with M	laintenance Respons	ibility: Clevelan	d		
Conta	act Person:	Elie Ramy WPC (216	6) 664-2750			
Addit	tional Informa	• • • • • • • • • • • • • • • • • • • •	unt of sanitary flow in storm sewer. WPC is wermined.	•		
Date	Corrected:		Time Corrected:			
Durat	tion Of Discha	rge:				
Work	c Order Numbe	er: 1610879-01				
Note	: This is not a c	lry weather overflow	caused by a malfunct	ioning combined s	sewer ove	rflow regulator.
This c	discharge, how	ever, is considered a	n upset pursuant to 40	O CFR part 122.41(n).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior				
		Dry We	hio Regional Sewer I eather Overflow Adv Pursuant to Section	isory	Date:	5/30/2016				
			Initial Advisory							
		х	Five-Day Status Re	port						
Struc	ture Her	nninger Rd. West of Pe	arl							
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050				
Recei	ving Water:	Big Creek								
Approximate Discharge (Gallons): Less than 10 GPM										
Description of Problem: Possible sanitary cross connection into storm sewer										
Comn	nunity with M	aintenance Responsib	oility: Cleveland	d						
Contact Person: Elie Ramy WPC (216) 664-2750										
Additional Information: Small amount of sanitary flow intermittently discharging into CSO-050 from upstream storm sewer. WPC is working on a temporary diversion until the cause can be determined.										
Date	Corrected:		Time Corrected:							
Duration Of Discharge:										
Work	Order Numbe	er: 1610879-01								
Note:	: This is not a c	lry weather overflow o	aused by a malfuncti	oning combined s	ewer ove	rflow regulator.				
This d	lischarge, how	ever, is considered an	upset pursuant to 40	CFR part 122.41(n).					



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior				
		Dry W	Ohio Regional Sewer /eather Overflow Ad n Pursuant to Sectio	visory	Date:	6/4/2016				
			Initial Advisory							
		Х	Five-Day Status R	eport						
Struc	cture Her	nninger Rd. West of Pe	earl							
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050				
Rece	iving Water:	Big Creek								
Approximate Discharge (Gallons): Less than 10 GPM										
Description of Problem: Possible sanitary cross connection into storm sewer										
Comi	munity with N	laintenance Responsi	bility: Clevelar	nd						
Contact Person: Elie Ramy WPC (216) 664-2750										
			nt of sanitary flow intermittently discharging into CSO-050 from orm sewer. WPC is working on a temporary diversion until the cause rmined.							
Date	Corrected:		Time Corrected:							
Dura	tion Of Discha	rge:								
Work	k Order Numb	er: 1610879-01								
Note	: This is not a	dry weather overflow	caused by a malfunc	tioning combined s	sewer ove	rflow regulator.				
This o	discharge, how	ever, is considered ar	n upset pursuant to 4	0 CFR part 122.41	(n).					



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry We	ather Overflow Advi	isory	Date:	6/9/2016
			Initial Advisory			
		Х	Five-Day Status Re	port		
Struc	ture He	nninger Rd. West of Pea	arl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	narge (Gallons): Les	ss than 10 GPM			
Desci	ription of Prol	Dlem: Possible sani	tary cross connectio	n into storm sewe	r	
Comr	munity with N	Maintenance Responsib	ility: Cleveland	I		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	upstream sto	orm sewer. WPC is w	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	Northeast Ohio Regional Sewer District Dry Weather Overflow Advisory Upset Condition Pursuant to Section 40 CFR 122.41(n) Initial Advisory X				
Work	Order Numb	er: 1610879-01				
			•	_		rflow regulator.
This o	discharge, hov	vever, is considered an	upset pursuant to 40	CFR part 122.41(n	ı).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
	Olilo El A	Dry W	Ohio Regional Sewer Teather Overflow Adv n Pursuant to Section	visory	Date:	6/14/2016
			Initial Advisory			
		Х	Five-Day Status R	eport		
Struc	ture Her	nninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	ving Water:	Big Creek				
Appro	oximate Disch	arge (Gallons): Le	ess than 10 GPM			
Descr	iption of Prob	lem: Possible sar	nitary cross connecti	on into storm sewe	er	
Comr	nunity with M	laintenance Responsi	bility: Clevelan	d		
Conta	act Person:	Elie Ramy WPC (216) 664-2750			
Addit	ional Informa		int of sanitary flow in torm sewer. WPC is v ermined.	-		
Date	Corrected:		Time Corrected:			
Durat	tion Of Discha	rge:				
Work	Order Numbe	er: 1610879-01				
Note:	: This is not a c	lry weather overflow	caused by a malfunct	ioning combined s	ewer ove	rflow regulator.
This c	lischarge, how	ever, is considered ar	n upset pursuant to 4	0 CFR part 122.41(n).	



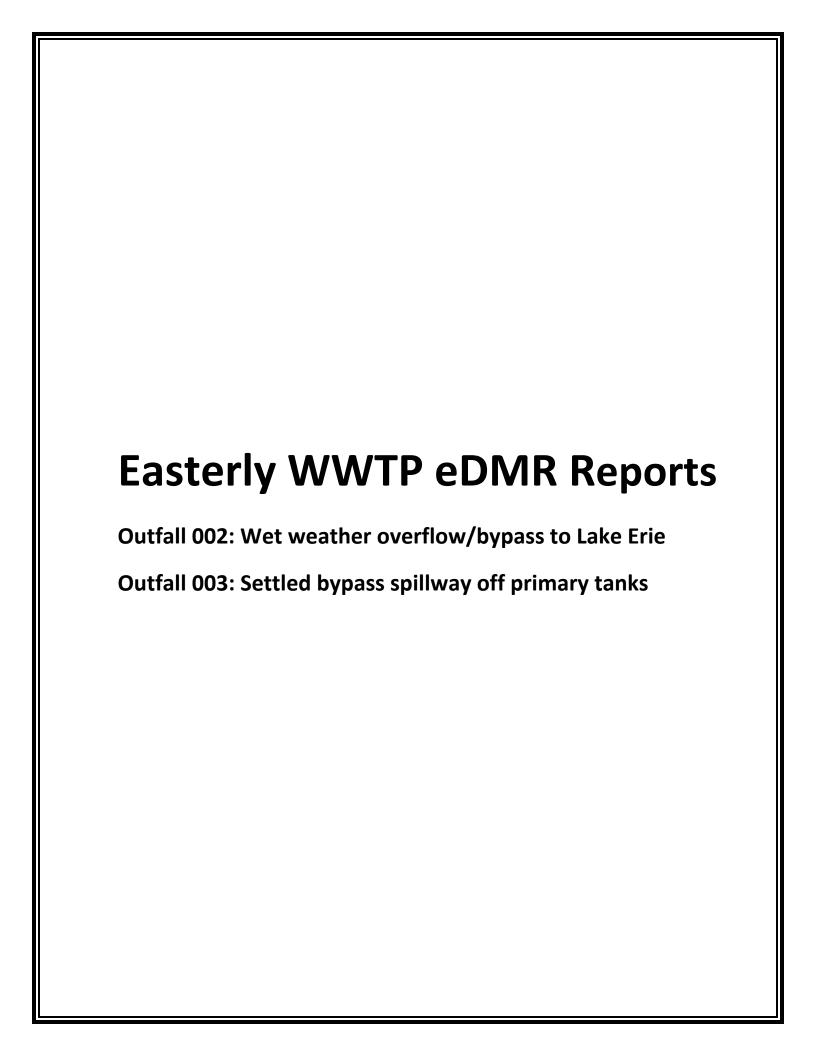
То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry We	hio Regional Sewer I eather Overflow Adv Pursuant to Section	isory	Date:	6/19/2016
			Initial Advisory			
		X	Five-Day Status Re	port		
Struc	ture He	nninger Rd. West of Pea	arl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	narge (Gallons): Les	ss than 10 GPM			
Desci	ription of Prol	blem: Possible sani	tary cross connectio	n into storm sewe	r	
Comr	munity with N	Naintenance Responsib	ility: Cleveland	i		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	• • • • • • • • • • • • • • • • • • • •	nt of sanitary flow int orm sewer. WPC is w mined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	arge:				
Work	Order Numb	er: 1610879-01				
		dry weather overflow c	•	_		rflow regulator.
This c	discharge, hov	vever, is considered an	upset pursuant to 40	CFR part 122.41(r	າ).	



То:	Erm Gomes Ohio EPA				From: Date:	Michael J. Zapior 6/24/2016
		Dry \	t Ohio Regional Sewer Weather Overflow Adv on Pursuant to Section	visory		0/24/2010
			Initial Advisory			
		Х	Five-Day Status R	eport		
Struc	ture He	nninger Rd. West of	Pearl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	CSO:	CSO-050
Recei	iving Water:	Big Creek				
Appr	oximate Disch	arge (Gallons):	Less than 10 GPM			
Desci	ription of Prol	plem: Possible sa	anitary cross connecti	on into storm sew	er	
Comr	munity with N	Maintenance Respon	sibility: Clevelan	d		
Conta	act Person:	Elie Ramy WPC (21	6) 664-2750			
Addit	tional Informa	• · · · · · · · · · · · · · · · · · · ·	ount of sanitary flow in storm sewer. WPC is vermined.	•		
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	irge:				
Work	Order Numb	er: 1610879-01				
Note	: This is not a	dry weather overflov	v caused by a malfunct	ioning combined s	sewer ove	rflow regulator.
This o	discharge, hov	vever, is considered a	an upset pursuant to 4	0 CFR part 122.41(n).	



То:	Erm Gomes Ohio EPA				From:	Michael J. Zapior
		Dry W	eather Overflow Adv	visory	Date:	6/29/2016
			Initial Advisory			
		Х	Five-Day Status R	eport		
Struc	ture Her	ninger Rd. West of Pe	earl			
Date	Found:	7/28/2015	Time Found:	12:00 PM	cso:	CSO-050
Recei	iving Water:	Big Creek				
	oximate Disch			on into storm sewe	r	
Comr	munity with M	aintenance Responsil	oility: Clevelan	nd		
Conta	act Person:	Elie Ramy WPC (216)	664-2750			
Addit	tional Informa	upstream st	orm sewer. WPC is v			
Date	Corrected:		Time Corrected:			
Dura	tion Of Discha	rge:	Northeast Ohio Regional Sewer District Dry Weather Overflow Advisory Upset Condition Pursuant to Section 40 CFR 122.41(n) Initial Advisory X Five-Day Status Report Ger Rd. West of Pearl			
Work	c Order Numbe	er: 1610879-01				
			•	_		rflow regulator.
11115 (aisciiai ge, 110W	ever, is considered dil	upset pursualit to 4	U CEN PAIT 144.41([]	1.	



SUBMISSION ID: 557454

FACILITY: NE Ohio Regional S D Easterly STP

14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS:

3PF00001*LD PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB: **2016-01-01** To: **2016-01-31** NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended	CBOD 5 day	Bypass Occurrence	Bypass Total Hours	Bypass Volume		
PARAMETER CODE	Solids 00530	80082	00051	Per Day 00052	51428	 	
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL	 	
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
SAMPLING TYPE	Grab	Grab	24hr Total	24hr Total	24hr Total	 	
2016-01-01	AC	AC	AC	AC	AC	 	
2016-01-02	AC	AC	AC	AC	AC	<u> </u>	
2016-01-03	AC	AC	AC	AC	AC		
2016-01-04	AC	AC	AC	AC	AC		
2016-01-05	AC	AC	AC	AC	AC		
2016-01-06	AC	AC	AC	AC	AC		
2016-01-07	AC	AC	AC	AC	AC		
2016-01-08	AC	AC	AC	AC	AC		
2016-01-09	AC	AC	AC	AC	AC		
2016-01-10	AC	AC	AC	AC	AC		
2016-01-11	AC	AC	AC	AC	AC		
2016-01-12	AC	AC	AC	AC	AC		
2016-01-13	AC	AC	AC	AC	AC		
2016-01-14	AC	AC	AC	AC	AC		
2016-01-15	AC	AC	AC	AC	AC		
2016-01-16	98	61	1	2.30	8.5		
2016-01-17	AC	AC	AC	AC	AC		
2016-01-18	AC	AC	AC	AC	AC		
2016-01-19	AC	AC	AC	AC	AC		
2016-01-20	AC	AC	AC	AC	AC		
2016-01-21	AC	AC	AC	AC	AC		
2016-01-22	AC	AC	AC	AC	AC		
2016-01-23	AC	AC	AC	AC	AC		
2016-01-24	AC	AC	AC	AC	AC		
2016-01-25	AC	AC	AC	AC	AC		
2016-01-26	AC	AC	AC	AC	AC		
2016-01-27	AC	AC	AC	AC	AC		
2016-01-28	AC	AC	AC	AC	AC		
2016-01-29	AC	AC	AC	AC	AC		
2016-01-30	AC	AC	AC	AC	AC		
2016-01-31	AC	AC	AC	AC	AC		
Minimum	98.0	61.0	1.0	2.3	8.5		
Maximum	98.0	61.0	1.0	2.3	8.5		
Average Count	98 1	61	1	2.3	8.5 1	 	
Name of Responsible Officia		,	•			e Official or Authorized	Submission
Robert Bonnett	with the information s individuals immediate submitted information	submitted herein and bely responsible for obtaining its true, accurate and for submitting false information.	e personally examined an pased on my inquiry of th aining the information, I complete. I am aware that formation, including the p	ose believe the it there are	nature of Responsion Represe		2016-02- 15 12:02

SUBMISSION ID: 557454 STATUS:

FACILITY: PERMIT NUMBER: 3PF00001*LD

002 LOCATION:

NE Ohio Regional S D Easterly STP 14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga STATION CODE: MONITORING PERIOD: REPORTING LAB: **2016-01-01** To: **2016-01-31** NEORSD Analytical Services COUNTY: ANALYST: Mark Citriglia Manager of Analytical Services

NO DISCHARGE INDICATOR: AL DISTRICT: NEDO

Original

PARAMETER	Total Suspended	CBOD 5 day	Overflow	Overflow Volum	Duration of		
	Solids		Occurrence		Discharge	<u> </u>	
PARAMETER CODE UNITS	00530 mg/l	80082 mg/l	74062 No./Month	74063 Million Gallons	82517 Hours	 	
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	 	
SAMPLING TYPE	Grab	Grab	Total	24hr Total	24hr Total		
2016-01-01							
2016-01-02							
2016-01-03							
2016-01-04							
2016-01-05							
2016-01-06							
2016-01-07							
2016-01-08							
2016-01-09							
2016-01-10							
2016-01-11							
2016-01-12							
2016-01-13							
2016-01-14				1			
2016-01-15				1			
2016-01-16			1	i		1	
2016-01-17				1		1	
2016-01-18							
2016-01-19							
2016-01-20							
2016-01-21							
2016-01-22							
2016-01-23							
2016-01-24						 	
2016-01-25							
2016-01-26						 	
2016-01-27						 	
2016-01-28			 	1	1	 	
2016-01-29					1	 	
2016-01-30					1	 	
2016-01-31					 	 	
Minimum							
Maximum			<u> </u>	<u>i </u>	<u> </u>		
Average							
Count							
Name of Responsible Officia or Authorized Representative	I certify under the per	nalty of law that I have	personally examined a	and am familiar	Signature of Responsibl Represe		Submission Date/Time
Robert Bonnett	individuals immediate submitted information	ely responsible for obta is true, accurate and c or submitting false info	ining the information, omplete. I am aware the	I believe the nat there are			2016-02- 15 12:02

SUBMISSION ID: 564938

FACILITY: NE Ohio Regional S D Easterly STP

14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga LOCATION: COUNTY:

DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PF00001*LD

003

STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-02-01 To: 2016-02-29 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Hours Per Day	Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052	51428		
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL		
FREQUENCY SAMPLING TYPE	When Disch. Grab	When Disch. Grab	When Disch. 24hr Total	When Disch. 24hr Total	When Disch. 24hr Total		
2016-02-01	AC	AC	AC	AC	AC		
2016-02-02	AC	AC	AC	AC	AC		
2016-02-03	AC	AC	AC	AC	AC		
2016-02-04	AC	AC	AC	AC	AC		
2016-02-05	AC	AC	AC	AC	AC		
2016-02-06	AC	AC	AC	AC	AC		
2016-02-07	AC	AC	AC	AC	AC		
2016-02-08	AC	AC	AC	AC	AC		
2016-02-09	AC	AC	AC	AC	AC		
2016-02-10	AC	AC	AC	AC	AC		
2016-02-11	AC	AC	AC	AC	AC		
2016-02-12	AC	AC	AC	AC	AC		
2016-02-13	AC	AC	AC	AC	AC		
2016-02-14	AC	AC	AC	AC	AC		
2016-02-15	AC	AC	AC	AC	AC		
2016-02-16	AC	AC	AC	AC	AC		
2016-02-17	AC	AC	AC	AC	AC		
2016-02-18	AC	AC	AC	AC	AC		
2016-02-19	AC	AC	AC	AC	AC		
2016-02-20	AC	AC	AC	AC	AC		
2016-02-21	AC	AC	AC	AC	AC		
2016-02-22	AC	AC	AC	AC	AC		
2016-02-23	AC	AC	AC	AC	AC		
2016-02-24	136	40	1	15.15	47.5		
2016-02-25	AC	AC	AC	AC	AC		
2016-02-26	AC	AC	AC	AC	AC		
2016-02-27	AC	AC	AC	AC	AC		
2016-02-28	AC	AC	AC	AC	AC		
2016-02-29	AC	AC	AC	AC	AC		
Minimum	136.0	40.0	1.0	15.15	47.5		
Maximum Average	136.0	40.0 40	1.0	15.15	47.5 47.5	 	
Count	136	1	1 1	15.15	47.5		
Name of Responsible Officia	. 1		personally examined and			Official or Authorized	Submission
or Authorized Representativ Robert Bonnett	with the information s individuals immediate submitted information	submitted herein and basely responsible for obtain is true, accurate and coor submitting false info	personary examined and assed on my inquiry of tho uining the information, I be complete. I am aware that ormation, including the po	se believe the there are	Represe		2016-03- 15 15:03

SUBMISSION ID: 564938

FACILITY: NE Ohio Regional S D Easterly STP

14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PF00001*LD

002

STATION CODE: MONITORING PERIOD: REPORTING LAB: 002 2016-02-01 To: 2016-02-29 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	CBOD 5 day	Overflow Occurrence	Overflow Volume	Duration of Discharge		
PARAMETER CODE	00530	80082	74062	74063	82517		
UNITS	mg/l	mg/l	No./Month	Million Gallons	Hours		
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
SAMPLING TYPE	Grab	Grab	Total	24hr Total	24hr Total		
2016-02-01	AC	AC	AC	AC	AC		
2016-02-02	158	38	1	1.29	0.27		
2016-02-03	181	34	0	97.45	9.75		
2016-02-04	AC	AC	AC	AC	AC		
2016-02-05	AC	AC	AC	AC	AC		
2016-02-06	AC	AC	AC	AC	AC		
2016-02-07	AC	AC	AC	AC	AC		
2016-02-08	42	99	1	35.80	10.83		
2016-02-09	7	4	0	2.43	2.35		
2016-02-10	AC	AC	AC	AC	AC		
2016-02-11	AC	AC	AC	AC	AC		
2016-02-12	AC	AC	AC	AC	AC		
2016-02-13	AC	AC	AC	AC	AC		
2016-02-14	AC	AC	AC	AC	AC		
2016-02-15	AC	AC	AC	AC	AC		
2016-02-16	AC	AC	AC	AC	AC		
2016-02-17	AC	AC	AC	AC	AC		
2016-02-18	AC	AC	AC	AC	AC		
2016-02-19	344	223	1	65.76	9.40		
2016-02-20	70	129	0	52.27	8.38		
2016-02-21	AC	AC	AC	AC	AC		
2016-02-22	AC	AC	AC	AC	AC		
2016-02-23	AC	AC	AC	AC	AC		
2016-02-24	254	62	1	147.29	16.72		
2016-02-25	96	95	0	38.62	3.15		
2016-02-26	AC	AC	AC	AC	AC		
2016-02-27	AC	AC	AC	AC	AC		
2016-02-28	AC	AC	AC	AC	AC		
2016-02-29	AC	AC	AC	AC	AC		
Minimum	7.0	4.0	0.0	1.29	0.27		
Maximum	344.0	223.0	1.0	147.29	16.72	 	
Average Count	144 8	85.5 8	0.5 8	55.11375 8	7.60625 8	+	
Name of Responsible Officia	, 1					le Official or Authorized	Submission
or Authorized Representativ Robert Bonnett	with the information s individuals immediate submitted information	alty of law that I have pubmitted herein and ba ely responsible for obtain is true, accurate and corr submitting false infort.	sed on my inquiry of the ining the information, I complete. I am aware the	believe the at there are		entative Addivided	2016-03- 15 15:03

SUBMISSION ID: 572098

FACILITY: NE Ohio Regional S D Easterly STP

14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PF00001*LD

003

STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-03-01 To: 2016-03-31 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Hours Per Day	Bypass Volume				
PARAMETER CODE	00530	80082	00051	00052	51428				
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL				
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.				
SAMPLING TYPE	Grab	Grab	24hr Total	24hr Total	24hr Total				
2016-03-01	AC	AC	AC	AC	AC				
2016-03-02	AC	AC	AC	AC	AC				
2016-03-03	AC	AC	AC	AC	AC				
2016-03-04	AC	AC	AC	AC	AC				
2016-03-05	AC	AC	AC	AC	AC				
2016-03-06	AC	AC	AC	AC	AC				
2016-03-07	AC	AC	AC	AC	AC				
2016-03-08	AC	AC	AC	AC	AC				
2016-03-09	AC	AC	AC	AC	AC				
2016-03-10	110	54	1	10.08	39.8				
2016-03-11	86	32	0	4.88	16.8				
2016-03-12	AC	AC	AC	AC	AC				
2016-03-13	43	38	1	5.25	13.8				
2016-03-14	48	36	0	18.08	51.3				
2016-03-15	95	24	0	7.02	24.7				
2016-03-16	AC	AC	AC	AC	AC				
2016-03-17	AC	AC	AC	AC	AC				
2016-03-18	AC	AC	AC	AC	AC				
2016-03-19	AC	AC	AC	AC	AC				
2016-03-20	AC	AC	AC	AC	AC				
2016-03-21	AC	AC	AC	AC	AC				
2016-03-22	AC	AC	AC	AC	AC				
2016-03-23	AC	AC	AC	AC	AC				
2016-03-24	80	58	1	1.00	2.3				
2016-03-25	70	58	0	2.83	11.3				
2016-03-26	AC	AC	AC	AC	AC				
2016-03-27	AC	AC	AC	AC	AC				
2016-03-28	84	34	1	10.70	34.1				
2016-03-29	AC	AC	AC	AC	AC				
2016-03-30	AC	AC	AC	AC	AC				
2016-03-31	AC	AC	AC	AC	AC				
Minimum	43.0	24.0	0.0	1.0	2.3				
Maximum	110.0	58.0	1.0	18.08	51.3				
Average	77	41.75	0.5	7.48	24.2625				
Count Name of Responsible Officia	8	8	8	8	8 	Official or Authorized	Submission		
or Authorized Representativ Robert Bonnett	with the information s individuals immediate submitted information significant penalties f	submitted herein and ba ely responsible for obtain is true, accurate and co or submitting false info	personally examined and sed on my inquiry of the ning the information, I to implete. I am aware that rmation, including the per-	ose believe the there are	Represe		2016-04- 15 15:04		
fine and imprisonment. Page 55									

SUBMISSION ID: 572098

FACILITY: NE Ohio Regional S D Easterly STP

14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga LOCATION:

DISTRICT: NEDO

COUNTY:

STATUS: Original

PERMIT NUMBER: 3PF00001*LD

002 2016-03-01 To: 2016-03-31 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services STATION CODE: MONITORING PERIOD: REPORTING LAB: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	CBOD 5 day	Overflow Occurrence	Overflow Volume	Duration of Discharge		
PARAMETER CODE	00530	80082	74062	74063	82517		
UNITS	mg/l	mg/l	No./Month	Million Gallons	Hours		
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
SAMPLING TYPE	Grab	Grab	Total	24hr Total	24hr Total		
2016-03-01	55	74	1	31.33	4.87		
2016-03-02	AC	AC	AC	AC	AC		
2016-03-03	AC	AC	AC	AC	AC		
2016-03-04	AC	AC	AC	AC	AC		
2016-03-05	AC	AC	AC	AC	AC		
2016-03-06	AC	AC	AC	AC	AC		
2016-03-07	AC	AC	AC	AC	AC		
2016-03-08	AC	AC	AC	AC	AC		
2016-03-09	AC	AC	AC	AC	AC		
2016-03-10	184	136	1	147.29	14.63		
2016-03-11	74	121	0	6.09	2.08		
2016-03-12	AC	AC	AC	AC	AC		
2016-03-13	46	39	1	5.89	1.25		
2016-03-14	122	26	0	88.16	7.84		
2016-03-15	202	40	0	23.53	3.65		
2016-03-16	364	44	1	24.01	5.73		
2016-03-17	AC	AC	AC	AC	AC		
2016-03-18	AC	AC	AC	AC	AC		
2016-03-19	AC	AC	AC	AC	AC		
2016-03-20	AC	AC	AC	AC	AC		
2016-03-21	AC	AC	AC	AC	AC		
2016-03-22	AC	AC	AC	AC	AC		
2016-03-23	AC	AC	AC	AC	AC		
2016-03-24	656	179	1	22.20	2.82		
2016-03-25	64	39	0	0.51	0.57		
2016-03-26	AC	AC	AC	AC	AC		
2016-03-27	AC	AC	AC	AC	AC		
2016-03-28	278	40	1	71.34	6.35		
2016-03-29	AC	AC	AC	AC	AC		
2016-03-30	AC	AC	AC	AC	AC		
2016-03-31	AC	AC	AC	AC	AC		
Minimum	46.0	26.0	0.0	0.51	0.57		
Maximum	656.0	179.0	1.0	147.29	14.63		
Average	204.5	73.8	0.6	42.035	4.979		
Count	10	10	10	10	10		
Name of Responsible Officia or Authorized Representativ	with the information s individuals immediate submitted information	nalty of law that I have p submitted herein and basely responsible for obtain is true, accurate and co	sed on my inquiry of the ning the information, I omplete. I am aware that	ose believe the t there are	gnature of Responsible Represe	e Official or Authorized entative	Submission Date/Time
Robert Bonnett		or submitting false infor				Page 66	15 15:04

SUBMISSION ID: 579401

FACILITY: NE Ohio Regional S D Easterly STP

14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PF00001*LD

003

STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-04-01 To: 2016-04-30 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Hours Per Day	Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052	51428		
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL		
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
SAMPLING TYPE	Grab	Grab	24hr Total	24hr Total	24hr Total		
2016-04-01	AC	AC	AC	AC	AC		
2016-04-02	AC	AC	AC	AC	AC		
2016-04-03	AC	AC	AC	AC	AC		
2016-04-04	AC	AC	AC	AC	AC		
2016-04-05	AC	AC	AC	AC	AC		
2016-04-06	AC	AC	AC	AC	AC		
2016-04-07	44	8	1	16.85	34.8		
2016-04-08	41	27	0	24.00	35.6		
2016-04-09	45	87	0	24.00	66.5		
2016-04-10	44	41	1	11.15	18.8		
2016-04-11	32	35	0	24.00	97.1		
2016-04-12	36	21	0	21.05	37.6		
2016-04-13	AC	AC	AC	AC	AC		
2016-04-14	AC	AC	AC	AC	AC		
2016-04-15	AC	AC	AC	AC	AC		
2016-04-16	AC	AC	AC	AC	AC		
2016-04-17	AC	AC	AC	AC	AC		
2016-04-18	AC	AC	AC	AC	AC		
2016-04-19	AC	AC	AC	AC	AC		
2016-04-20	AC	AC	AC	AC	AC		
2016-04-21	AC	AC	AC	AC	AC		
2016-04-22	AC	AC	AC	AC	AC		
2016-04-23	AC	AC	AC	AC	AC		
2016-04-24	AC	AC	AC	AC	AC		
2016-04-25	AC	AC	AC	AC	AC		
2016-04-26	154	55	1	5.90	19.2		
2016-04-27	AC	AC	AC	AC	AC		
2016-04-28	72	41	1	3.32	9.4		
2016-04-29	AC	AC	AC	AC	AC		
2016-04-30	65	27	1	2.65	7.7		
Minimum	32.0	8.0	0.0	2.65	7.7		
Maximum	154.0	87.0	1.0	24.0	97.1		
Average Count	59.22222	38 9	0.55556	14.76889 9	36.3	 	
Name of Responsible Officia	<u>. </u>		personally examined and			e Official or Authorized	Submission
or Authorized Representativ	with the information s	ubmitted herein and b	ased on my inquiry of the	ose	Represe		Date/Time
Robert Bonnett	submitted information	is true, accurate and or or submitting false info	aining the information, I to complete. I am aware that formation, including the po	there are			2016-05- 17 13:05

SUBMISSION ID: 579401

FACILITY: NE Ohio Regional S D Easterly STP

14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PF00001*LD

002 2016-04-01 To: 2016-04-30 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services STATION CODE: MONITORING PERIOD: REPORTING LAB: ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER COPE	PARAMETER	Total Suspended Solids	CBOD 5 day	Overflow Occurrence	Overflow Volume	Duration of Discharge		
Name Disch. When Disch. When Disch. When Disch. When Disch. When Disch. SamPlink Type. Gab. Gab. Gab. Total 24 Final	PARAMETER CODE	,	80082	·	74063		 	
SAMPLING TYPE		mg/l	mg/l		Million Gallons	Hours		
2016-04-01								
2016-04-02		1		i e			+	
2016-04-03		_						
2016-04-04					_			
2016-04-05		—		ł	_			
2016-04-06		\vdash						
2016-04-07								
2016-04-08				_	_			
2016-04-09 92 49 0 13.01 5.73		423		 	132.27	20.51		
2016-04-10	2016-04-08	120	82	0	11.52	4.87		
2016-04-11	2016-04-09	92	49	0	13.01	5.73		
2016-04-12	2016-04-10	AC	AC	AC	AC	AC		
2016-04-13	2016-04-11	54	16	1	128.73	19.94		
2016-04-14	2016-04-12	40	29	0	1.27	1.00		
2016-04-15	2016-04-13	AC	AC	AC	AC	AC		
2016-04-16	2016-04-14	AC	AC	AC	AC	AC		
2016-04-17 AC AC AC AC AC AC AC	2016-04-15	AC	AC	AC	AC	AC		
2016-04-18	2016-04-16	AC	AC	AC	AC	AC		
2016-04-19	2016-04-17	AC	AC	AC	AC	AC		
2016-04-20	2016-04-18	AC	AC	AC	AC	AC		
2016-04-21	2016-04-19	AC	AC	AC	AC	AC		
2016-04-22	2016-04-20	AC	AC	AC	AC	AC		
2016-04-23	2016-04-21	AC	AC	AC	AC	AC		
2016-04-24 AC AC AC AC AC AC AC A	2016-04-22	AC	AC	AC	AC	AC		
2016-04-25 AC AC AC AC AC AC AC A	2016-04-23	AC	AC	AC	AC	AC		
2016-04-26	2016-04-24	AC	AC	AC	AC	AC		
2016-04-27 AC AC AC AC AC AC AC	2016-04-25	AC	AC	AC	AC	AC		
2016-04-28 AC AC AC AC AC AC AC A	2016-04-26	68	6	1	19.41	2.65		
2016-04-29 AC AC AC AC AC AC AC 2016-04-30 356 76 1 24.84 2.67	2016-04-27	AC	AC	AC	AC	AC		
2016-04-30 356 76 1 24.84 2.67	2016-04-28	AC	AC	AC	AC	AC	1	
Minimum 40.0 6.0 0.0 1.27 1.0 Maximum 423.0 82.0 1.0 132.27 20.51 Average 164.71429 43.42857 0.57143 47.29286 8.19571 Count 7 7 7 7 7 7 7 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 17 13:05	2016-04-29	AC	AC	AC	AC	AC	1	
Maximum 423.0 82.0 1.0 132.27 20.51 Average 164.71429 43.42857 0.57143 47.29286 8.19571 Count 7 7 7 7 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 17 13:05 Signature of Responsible Official or Authorized Representative Submission Date/Time	2016-04-30	356	76	1	24.84	2.67		
Average 164.71429 43.42857 0.57143 47.29286 8.19571 Count 7 7 7 7 7 Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 17 13:05	Minimum	40.0	6.0	0.0	1.27	1.0		
Count 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7								
Name of Responsible Official or Authorized Representative Robert Bonnett Rob	<u>~</u>	-		<u> </u>			 	
or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 17 13:05			7	7				1 ~
Robert Bonnett Robert Bonnett		r certify under the pen	alty of law that I have	personally examined ar	ia ani raninia			Submission Date/Time
Page 66	•	individuals immediate submitted information significant penalties for	ely responsible for obta is true, accurate and co or submitting false info	ining the information, I omplete. I am aware that	believe the at there are	Repres		2016-05- 17 13:05

SUBMISSION ID: 587375

FACILITY: NE Ohio Regional S D Easterly STP

14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PF00001*LD

003

STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-05-01 To: 2016-05-31 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	E. coli	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Hours Per Day	Bypass Volume	
PARAMETER CODE	31648	00530	80082	00051	00052	51428	
UNITS	#/100 ml	mg/l	mg/l	No./Day	Hrs/Day	MGAL	
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	
SAMPLING TYPE	Grab	Grab	Grab	24hr Total	24hr Total	24hr Total	
2016-05-01	АН	67	17	0	12.60	37.9	
2016-05-02	416667	43	37	1	21.13	62.8	
2016-05-03	AC	AC	AC	AC	AC	AC	
2016-05-04	AC	AC	AC	AC	AC	AC	
2016-05-05	AC	AC	AC	AC	AC	AC	
2016-05-06	AC	AC	AC	AC	AC	AC	
2016-05-07	AC	AC	AC	AC	AC	AC	
2016-05-08	AC	AC	AC	AC	AC	AC	
2016-05-09	AC	AC	AC	AC	AC	AC	
2016-05-10	AC	AC	AC	AC	AC	AC	
2016-05-11	AC	AC	AC	AC	AC	AC	
2016-05-12	AC	AC	AC	AC	AC	AC	
2016-05-13	AC	AC	AC	AC	AC	AC	
2016-05-14	735500	51	31	1	3.37	10.4	
2016-05-15	760000	30	24	1	17.83	62.4	
2016-05-16	AC	AC	AC	AC	AC	AC	
2016-05-17	AC	AC	AC	AC	AC	AC	
2016-05-18	AC	AC	AC	AC	AC	AC	
2016-05-19	AC	AC	AC	AC	AC	AC	
2016-05-20	AC	AC	AC	AC	AC	AC	
2016-05-21	AC	AC	AC	AC	AC	AC	
2016-05-22	AC	AC	AC	AC	AC	AC	
2016-05-23	AC	AC	AC	AC	AC	AC	
2016-05-24	AC	AC	AC	AC	AC	AC	
2016-05-25	AC	AC	AC	AC	AC	AC	
2016-05-26	AC	AC	AC	AC	AC	AC	
2016-05-27	AC	AC	AC	AC	AC	AC	
2016-05-28	AC	AC	AC	AC	AC	AC	
2016-05-29	AC	AC	AC	AC	AC	AC	
2016-05-30	AC	AC	AC	AC	AC	AC	
2016-05-31	AC	AC	AC	AC	AC	AC	
Minimum	416667.0	30.0	17.0	0.0	3.37	10.4	
Maximum	760000.0	67.0	37.0	1.0	21.13	62.8	
Average	637389	47.75	27.25	0.75	13.7325	43.375	
Count	3	4	4	4	4	4	
Name of Responsible Officia or Authorized Representative	with the information individuals immediat	nalty of law that I have p submitted herein and basely responsible for obtain	sed on my inquiry of th ning the information, I	ose believe the	gnature of Responsible Represer	Official or Authorized ntative	Submission Date/Time
Robert Bonnett		n is true, accurate and co for submitting false infor at.					2016-06- 20 10:06
						Page 55	

SUBMISSION ID: 587375

FACILITY: NE Ohio Regional S D Easterly STP

14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga LOCATION: COUNTY:

DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PF00001*LD

002

STATION CODE: MONITORING PERIOD: REPORTING LAB: 2016-05-01 To: 2016-05-31 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	E. coli	Total Suspended Solids	CBOD 5 day	Overflow Occurrence	Overflow Volume	Duration of Discharge	
PARAMETER CODE	31648	00530	80082	74062	74063	82517	
UNITS	#/100 ml	mg/l	mg/l	No./Month	Million Gallons	Hours	
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	
2016-05-01	Grab AH	Grab 88	Grab 18	Total 0	24hr Total 38.44	24hr Total 5.09	
2016-05-02	440000	296	20	1	135.57	9.35	
2016-05-03	AC	AC	AC	AC	AC	AC	
2016-05-04	AC	AC	AC	AC	AC	AC	
2016-05-05	AC	AC	AC	AC	AC	AC	
2016-05-06	AC	AC	AC	AC	AC	AC	
2016-05-07	AC	AC	AC	AC	AC	AC	
2016-05-08	AC	AC	AC	AC	AC	AC	
2016-05-09	AC	AC	AC	AC	AC	AC	
2016-05-10	AC	AC	AC	AC	AC	AC	
2016-05-11	AC	AC	AC	AC	AC	AC	
2016-05-12	AH	AH	АН	1	0.96	0.25	
2016-05-13	AE	278	92	0	78.70	7.25	
2016-05-14	AH	АН	АН	1	0.01	0.05	
2016-05-15	342857	70	36	1	82.34	12.42	
2016-05-16	AC	AC	AC	AC	AC	AC	
2016-05-17	AC	AC	AC	AC	AC	AC	
2016-05-18	AC	AC	AC	AC	AC	AC	
2016-05-19	AC	AC	AC	AC	AC	AC	
2016-05-20	AC	AC	AC	AC	AC	AC	
2016-05-21	AC	AC	AC	AC	AC	AC	
2016-05-22	AC	AC	AC	AC	AC	AC	
2016-05-23	AC	AC	AC	AC	AC	AC	
2016-05-24	AC	AC	AC	AC	AC	AC	
2016-05-25	AC	AC	AC	AC	AC	AC	
2016-05-26	AC	AC	AC	AC	AC	AC	
2016-05-27	AC	AC	AC	AC	AC	AC	
2016-05-28	AC	AC	AC	AC	AC	AC	
2016-05-29	AH	460	194	1	18.78	2.02	
2016-05-30	AH	346	91	0	17.05	2.82	
2016-05-31	AC	AC	AC	AC	AC	AC	
Minimum Maximum	342857.0 440000.0	70.0 460.0	18.0 194.0	0.0	0.01 135.57	0.05 12.42	
Average	391428.5	256.33333	75.16667	0.625	46.48125	4.90625	
Count	2	6	6	8	8	8	
Name of Responsible Officia or Authorized Representativ	with the information	nalty of law that I have p submitted herein and basely responsible for obtain	sed on my inquiry of the	ose	ignature of Responsible Represe	Official or Authorized ntative	Submission Date/Time
Robert Bonnett	submitted information	n is true, accurate and co for submitting false infor	mplete. I am aware that	there are			2016-06- 20 10:06
				l l		Page 66	

FACILITY: NE Ohio Regional S D Easterly STP LOCATION: 14021 Lakeshore Blvd

14021 Lakeshore Blvd Cleveland, OH 44115 PERMIT NUMBER: MONITORING PERIOD :

3PF00001*LD 2016-05-01 To: 2016-05-31

GENERAL REPORT COMMENT:

Plant operational data including Temp, DO, pH Flow and Chl. Res is approved and validated by the plant Superintendents. Analytical Data is approved by the Laboratory Manager. All analytical data generated by the Laboratory is NELAP compliant DEP Lab ID #68-03670

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
001	E. coli	31648	2016-05-13	#/100 ml	METHOD OC WAS NOT FOLLOWED
001	CBOD 5 day	80082	2016-05-18	mg/l	STANDARDS DID NOT MEET OC CRITERIA
001	CBOD 5 day	80082	2016-05-23	mg/l	STANDARDS DID NOT MEET OC CRITERIA
001	CBOD 5 day	80082	2016-05-25	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-05-26	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-05-27	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-05-28	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-05-31	mg/l	STANDARDS DID NOT MEET QC CRITERIA
003	E. coli	31648	2016-05-01	#/100 ml	SAMPLE PASSED HOLDING TIME
002	E. coli	31648	2016-05-01	#/100 ml	SAMPLE PASSED HOLDING TIME
002	E. coli	31648	2016-05-12	#/100 ml	NO SAMPLE COLLECTED DUE TO A SHORT DURATION EVENT
002	E. coli	31648	2016-05-13	#/100 ml	METHOD QC CRITERIA WAS NOT FOLLOWED
002	E. coli	31648	2016-05-14	#/100 ml	NO SAMPLE COLLECTED DUE TO A SHORT DURATION EVENT
002	E. coli	31648	2016-05-29	#/100 ml	SAMPLE PASSED HOLDING TIME
002	E. coli	31648	2016-05-30	#/100 ml	SAMPLE PASSED HOLDING TIME
002	Total Suspended Solids	00530	2016-05-12	mg/l	NO SAMPLE COLLECTED DUE TO A SHORT DURATION EVENT
002	Total Suspended Solids	00530	2016-05-14	mg/l	NO SAMPLE COLLECTED DUE TO A SHORT DURATION EVENT
002	CBOD 5 day	80082	2016-05-12	mg/l	NO SAMPLE COLLECTED DUE TO A SHORT DURATION EVENT
002	CBOD 5 day	80082	2016-05-14	mg/l	NO SAMPLE COLLECTED DUE TO A SHORT DURATION EVENT
601	CBOD 5 day	80082	2016-05-15	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-17	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-18	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-23	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-25	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-26	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-27	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-28	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-31	mg/l	STANDARDS DID NOT MEET QC CRITERIA

SUBMISSION ID: 592989

FACILITY: NE Ohio Regional S D Easterly STP

14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PF00001*LD

003

STATION CODE: MONITORING PERIOD: REPORTING LAB: MONITORING PERIOD: 2016-06-01 To: 2016-06-30 REPORTING LAB: NEORSD Analytical Services Mark Citriglia Manager of Analytical Services NO DISCHARGE INDICATOR: AL

PARAMETER	E. coli	Total Suspended Solids	CBOD 5 day	Bypass Occ	urrence	Bypass Total Hours Per Day	Bypass Volume	
PARAMETER CODE	31648	00530	80082	0005	1	00052	51428	
UNITS	#/100 ml	mg/l	mg/l	No./Da		Hrs/Day	MGAL	
FREQUENCY SAMPLING TYPE	When Disch. Grab	When Disch. Grab	When Disch. Grab	When D		When Disch. 24hr Total	When Disch. 24hr Total	
2016-06-01	Grab	Giao	Grau	24111 10	лаг	24III 10tai	24III Total	
2016-06-02				1				
2016-06-03								
2016-06-04								
2016-06-05								
2016-06-06								
2016-06-07								
2016-06-08								
2016-06-09								
2016-06-10								
2016-06-11								
2016-06-12								
2016-06-13								
2016-06-14								
2016-06-15								
2016-06-16								
2016-06-17								
2016-06-18								
2016-06-19								
2016-06-20								
2016-06-21								
2016-06-22								
2016-06-23								
2016-06-24								
2016-06-25								
2016-06-26								
2016-06-27								
2016-06-28								
2016-06-29								
2016-06-30								
Minimum								
Maximum Average		-		+				
Count		<u> </u>		+			+	
Name of Responsible Official		nalty of law that I have p	ersonally examined a	nd am familiar	Si		Official or Authorized	Submission
or Authorized Representative	with the information	submitted herein and bastely responsible for obtain	sed on my inquiry of the	hose		Represer	ntative	Date/Time
Robert Bonnett	submitted informatio	n is true, accurate and co for submitting false infor	mplete. I am aware th	at there are				2016-07- 14 09:07
	imprisonnic	Page 55						

SUBMISSION ID: 592989

FACILITY: NE Ohio Regional S D Easterly STP LOCATION:

14021 Lakeshore Blvd Cleveland, OH 44115 Cuyahoga COUNTY:

DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PF00001*LD 002

STATION CODE: MONITORING PERIOD: REPORTING LAB: 002 2016-06-01 To: 2016-06-30 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER CODE Sloids Solids Solids Color Courence Color	PARAMETER	on of rge	
FREQUENCY	PARAMETER CODE		
SAMPLING TYPE			
2016-06-01			
2016-06-02			
2016-06-03			
2016-06-04 AC			
2016-06-05			
2016-06-07 AC	2016-06-05	2	
2016-06-08 AC	2016-06-06	2	
2016-06-09 AC	2016-06-07		
2016-06-10 AC AC AC AC AC AC 2016-06-11 AC AC AC AC AC AC AC 2016-06-12 AC AC AC AC AC AC AC 2016-06-13 AC AC AC AC AC AC AC 2016-06-14 AC AC AC AC AC AC AC 2016-06-15 AC AC AC AC AC AC AC 2016-06-15 AC AC AC AC AC AC AC 2016-06-16 AC AC AC AC AC AC AC AC 2016-06-17 AC AC <td< td=""><td>2016-06-08</td><td></td><td></td></td<>	2016-06-08		
2016-06-11 AC	2016-06-09		
2016-06-12 AC AC AC AC AC AC 2016-06-13 AC AC AC AC AC AC AC 2016-06-14 AC AC AC AC AC AC AC 2016-06-15 AC AC AC AC AC AC AC 2016-06-16 AC AC AC AC AC AC AC 2016-06-17 AC AC AC AC AC AC AC 2016-06-18 AC AC AC AC AC AC AC 2016-06-19 AC AC AC AC AC AC AC 2016-06-20 AC AC AC AC AC AC AC 2016-06-21 AC AC AC AC AC AC AC AC 2016-06-22 AC AC AC AC AC AC AC <td>2016-06-10</td> <td></td> <td></td>	2016-06-10		
2016-06-13 AC	2016-06-11		
2016-06-14 AC	2016-06-12	2	
2016-06-15 AC	2016-06-13	2	
2016-06-16 AC	2016-06-14	2	
2016-06-17 AC	2016-06-15	3	
2016-06-18 AC	2016-06-16	3	
2016-06-19 AC	2016-06-17		
2016-06-20 AC	2016-06-18	2	
2016-06-21 AC	2016-06-19	,	
2016-06-22 AC	2016-06-20		
2016-06-23 AC	2016-06-21	2	
2016-06-24 AC	2016-06-22	2	
2016-06-25 AC	2016-06-23	,	
2016-06-26 AC	2016-06-24	2	
2016-06-27 AC	2016-06-25		
2016-06-28 AC	2016-06-26		
2016-06-29 AC AC AC AC AC AC AC 2016-06-30 AC AC AC AC AC AC AC Minimum 43.0 11.0 1.0 23.93 4.32	2016-06-27		
2016-06-30 AC AC AC AC AC AC AC Minimum 43.0 11.0 1.0 23.93 4.32	2016-06-28		
Minimum 43.0 11.0 1.0 23.93 4.32	2016-06-29		
	2016-06-30		
<u>Maximum</u> 43.0 11.0 1.0 23.93 4.32			
Average 43 11 1 23.93 4.32			
Average 45 11 1 25.95 4.52 Count 1 1 1 1 1 1		-+	
Name of Responsible Official certify under the penalty of law that I have personally examined and am familiar Signature of Responsible Official or Au	ame of Responsible Official	uthorized Sul	bmission
or Authorized Representative with the information submitted herein and based on my inquiry of those Representative	Authorized Representative		te/Time
individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.	Robert Bonnett		016-07- 4 09:07

FACILITY: NE Ohio Regional S D Easterly STP LOCATION: 14021 Lakeshore Blvd

14021 Lakeshore Blvd Cleveland, OH 44115 PERMIT NUMBER: MONITORING PERIOD :

3PF00001*LD 2016-06-01 To: 2016-06-30

GENERAL REPORT COMMENT:

Plant operational data including Temp, DO, pH Flow and Chl. Res is approved and validated by the plant Superintendents. Analytical Data is approved by the Laboratory Manager. All analytical data generated by the Laboratory is NELAP compliant DEP Lab ID #68-03670

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
001	E. coli	31648	2016-06-13	#/100 ml	TEST METHOD WAS NOT FOLLOWED
001	CBOD 5 day	80082	2016-06-01	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-02	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-03	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-04	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-10	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-11	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-16	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-17	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-18	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-24	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-25	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-26	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-06-30	mg/l	STANDARDS DID NOT MEET QC CRITERIA
002	E. coli	31648	2016-06-05	#/100 ml	SAMPLE PASSED HOLDING TIME
601	CBOD 5 day	80082	2016-06-01	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-02	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-03	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-04	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-10	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-11	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-13	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-16	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-17	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-18	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-24	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-25	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-26	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-06-30	mg/l	STANDARDS DID NOT MEET QC CRITERIA



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information			
Name of permittee:	Easterly Wastewater Treatment Plant		
NPDES Permit number:	3PF00001*LD		
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent		
Contact telephone number:	(216) 531-4892		
Date and time of discharge			
Date and time(s) of discharge:	January 16, 2016 (12:49 AM – 3:07 AM)		
Date and time discharge discovered:	Same as Above		
Description of discharge			
Approximate amount of discharge:	8.5 MG		
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003		
Stream(s) affected by discharge			
Provide the name of all streams			
affected by the discharge:	Lake Erie		
Circumstances that created the discharge	e		
Describe the circumstances that			
created the discharge:	Wet Weather		
Contact person with knowledge of discha			
Name:	Alvin Howard		
Telephone number:	(216) 531-4892		
Remedial steps			
Describe all remedial steps which are			
or will be taken to address the	None at this time		
discharge:			
Person responsible for implementing remedial steps			
Name:	N/A		
Telephone number:	N/A		



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information			
Name of permittee:	Easterly Wastewater Treatment Plant		
NPDES Permit number:	3PF00001*LD		
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent		
Contact telephone number:	(216) 531-4892		
Date and time of discharge			
Date and time(s) of discharge:	February 24, 2016 (8:23 AM – 11:32 PM)		
Date and time discharge discovered:	Same as Above		
Description of discharge			
Approximate amount of discharge:	47.50 MG		
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003		
Stream(s) affected by discharge			
Provide the name of all streams			
affected by the discharge:	Lake Erie		
Circumstances that created the discharge			
Describe the circumstances that			
created the discharge:	Wet Weather		
Contact person with knowledge of discha			
Name:	Kevin Arth		
Telephone number:	(216) 531-4892		
Remedial steps			
Describe all remedial steps which are			
or will be taken to address the	None at this time		
discharge:			
Person responsible for implementing remedial steps			
Name:	N/A		
Telephone number:	N/A		



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information				
Name of permittee:	Easterly Wastewater Treatment Plant			
NPDES Permit number:	3PF00001*LD			
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent			
Contact telephone number:	(216) 531-4892			
Date and time of discharge				
Date and time(s) of discharge:	March 10, 2016 (1:55 PM – 12:00 AM)			
Date and time discharge discovered:	Same as Above			
Description of discharge				
Approximate amount of discharge:	39.8 MG			
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003			
Stream(s) affected by discharge				
Provide the name of all streams				
affected by the discharge:	Lake Erie			
Circumstances that created the discharge	e			
Describe the circumstances that				
created the discharge:	Wet Weather			
Contact person with knowledge of discha				
Name:	Mark Gabor			
Telephone number:	(216) 531-4892			
Remedial steps				
Describe all remedial steps which are				
or will be taken to address the	None at this time			
discharge:				
Person responsible for implementing remedial steps				
Name:	N/A			
Telephone number:	N/A			



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information			
Name of permittee:	Easterly Wastewater Treatment Plant		
NPDES Permit number:	3PF00001*LD		
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent		
Contact telephone number:	(216) 531-4892		
Date and time of discharge			
Date and time(s) of discharge:	March 11, 2016 (12:00 AM – 04:53 AM)		
Date and time discharge discovered:	Same as Above		
Description of discharge			
Approximate amount of discharge:	16.8 MG		
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003		
Stream(s) affected by discharge			
Provide the name of all streams			
affected by the discharge:	Lake Erie		
Circumstances that created the discharge	e		
Describe the circumstances that			
created the discharge:	Wet Weather		
Contact person with knowledge of discha	rge (if different than above)		
Name:	Kevin Arth		
Telephone number:	(216) 531-4892		
Remedial steps			
Describe all remedial steps which are			
or will be taken to address the	None at this time		
discharge:			
Person responsible for implementing remedial steps			
Name:	N/A		
Telephone number:	N/A		



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information			
Name of permittee:	Easterly Wastewater Treatment Plant		
NPDES Permit number:	3PF00001*LD		
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent		
Contact telephone number:	(216) 531-4892		
Date and time of discharge			
Date and time(s) of discharge:	March 13, 2016 (4:06 PM – 7:08 PM) (9:41PM – 12:00AM)		
Date and time discharge discovered:	Same as Above		
Description of discharge			
Approximate amount of discharge:	14.4 MG		
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003		
Stream(s) affected by discharge			
Provide the name of all streams			
affected by the discharge:	Lake Erie		
Circumstances that created the discharge	e		
Describe the circumstances that			
created the discharge:	Wet Weather		
Contact person with knowledge of discha			
Name:	Rawley Ross Alvin Howard		
Telephone number:	(216) 531-4892		
Remedial steps			
Describe all remedial steps which are			
or will be taken to address the	None at this time		
discharge:			
Person responsible for implementing remedial steps			
Name:	N/A		
Telephone number:	N/A		



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant	
NPDES Permit number:	3PF00001*LD	
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent	
Contact telephone number:	(216) 531-4892	
Date and time of discharge		
Date and time(s) of discharge:	March 14, 2016 (12:00 AM – 2:20 PM) (8:15 PM – 12:00 AM)	
Date and time discharge discovered:	Same as Above	
Description of discharge		
Approximate amount of discharge:	51.27 MG	
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003	
Stream(s) affected by discharge		
Provide the name of all streams		
affected by the discharge:	Lake Erie	
Circumstances that created the discharge		
Describe the circumstances that		
created the discharge:	Wet Weather	
Contact person with knowledge of discharge (if different than above)		
Name:	Mark Gabor	
Telephone number:	(216) 531-4892	
Remedial steps		
Describe all remedial steps which are		
or will be taken to address the	None at this time	
discharge:		
Person responsible for implementing remedial steps		
Name:	N/A	
Telephone number:	N/A	



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	March 15, 2016 (12:00 AM – 7:01 AM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	24.70 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discharge (if different than above)	
Name:	Mark Gabor
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	March 24, 2016 (11:00 PM – 12:00 AM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	2.30 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discharge (if different than above)	
Name:	Kevin Arth
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	March 24, 2016 (11:00 PM – 12:00 AM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	2.30 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discharge (if different than above)	
Name:	Kevin Arth
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	March 25, 2016 (12:00AM – 02:50AM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	11.30 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	
Name:	Thomas Wenger
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	March 28, 2016 (4:57AM – 3:39PM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	34.10 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discharge (if different than above)	
Name:	Alvin Howard
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov
Southwest District Office: swdo24hournpdes@epa.ohio.gov
Northwest District Office: nwdo24hournpdes@epa.ohio.gov
Northeast District Office: nedo24hournpdes@epa.ohio.gov
Central Office: co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	April 7, 2016 (7:09 AM – 12:00 AM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	34.8 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	e
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	
Name:	Kevin Arth , Mark Gabor
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office:

sedo24hournpdes@epa.ohio.gov

Southwest District Office:

swdo24hournpdes@epa.ohio.gov

Northwest District Office:

nwdo24hournpdes@epa.ohio.gov

Northeast District Office:

nedo24hournpdes@epa.ohio.gov

Central District Office: Central Office: cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	A 110 0040 (40:00 AM 40:00 AM
Date and time(s) of discharge:	April 8, 2016 (12:00 AM – 12:00AM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	35.60 MG
naracteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	rge (if different than above)
Name:	Cathy Glisic
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing rem	nedial steps
Name:	N/A
Telephone number:	N/A



Division of Surface Water Non-compliance Notification for

Bypasses and Upsets

Use this form to report non-compliance that is the result of any unanticipated bypass or upset resulting in an exceedance of any effluent limit in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: Southwest District Office: sedo24hournpdes@epa.ohio.gov

Northwest District Office:

swdo24hournpdes@epa.ohio.gov

Northwest District Office: Northeast District Office:

nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov

Central District Office:

cdo24hournpdes@epa.ohio.gov

Central Office:

co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	April 9, 2016 (12:00 AM – 12:00 AM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	66.5 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	rge (if different than above)
Name:	Alvin Howard, Rawley Ross
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing rem	
Name:	N/A
Telephone number:	N/A



Division of Surface Water Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any unanticipated bypass or upset resulting in an exceedance of any effluent limit in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: Southwest District Office:

sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov

Northwest District Office: Northwest District Office: Northeast District Office: nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov

Central District Office: Central Office: cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	April 10, 2016 (12:00 AM - 3:10 AM) and (4:01 PM - 12:00 AM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	18.80 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	rge (if different than above)
Name:	Alvin Howard
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are or will be taken to address the discharge:	None at this time
Person responsible for implementing rem	edial steps
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

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Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	April 11, 2016 (12:00 AM – 12:00 Midnight)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	97.10 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discharge (if different than above)	
Name:	Kevin Arth
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	April 12, 2016 (12:00 AM – 9:03 PM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	37.60 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	
Name:	Kevin Arth
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing rem	-
Name:	N/A
Telephone number:	N/A



Division of Surface Water Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any unanticipated bypass or upset resulting in an exceedance of any effluent limit in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office:

sedo24hournpdes@epa.ohio.gov

Southwest District Office:

swdo24hournpdes@epa.ohio.gov

Northwest District Office: Northeast District Office: nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov

Central District Office:

Central Office:

cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	April 26, 2016 (4:47 AM – 10:41 AM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	19.20 MG
haracteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of dischar	ge (if different than above)
Name:	Kevin Arth
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing rem	
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	April 28, 2016 (4:03 PM – 7:22 PM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	9.4 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	e
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	
Name:	Mark Gabor and Rawley Ross
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing rem	
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	4/30/16 (9:21 pm – 12:00 Midnight)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	7.72MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	9
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	
Name:	Thomas Wenger
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing rem	
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	May 1, 2016 (12:00 AM – 12:36 PM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	37.88 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	
Name:	Thomas Wenger
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing rem	-
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov
Southwest District Office: swdo24hournpdes@epa.ohio.gov
Northwest District Office: nwdo24hournpdes@epa.ohio.gov
Northeast District Office: nedo24hournpdes@epa.ohio.gov
Central Office: co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	May 2, 2016 (2:28 AM – 11:36 PM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	62.80 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	e
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	
Name:	Mark Gabor
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing rem	
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov
Southwest District Office: swdo24hournpdes@epa.ohio.gov
Northwest District Office: nwdo24hournpdes@epa.ohio.gov
Northeast District Office: nedo24hournpdes@epa.ohio.gov
Central Office: co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	May 2, 2016 (2:28 AM – 11:36 PM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	62.80 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	e
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	
Name:	Mark Gabor
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing rem	
Name:	N/A
Telephone number:	N/A



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	May 14, 2016 (08:19 AM – 11:41 AM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	10.40 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	e
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	rge (if different than above)
Name:	Thomas Wenger
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing rem	
Name:	N/A
Telephone number:	N/A

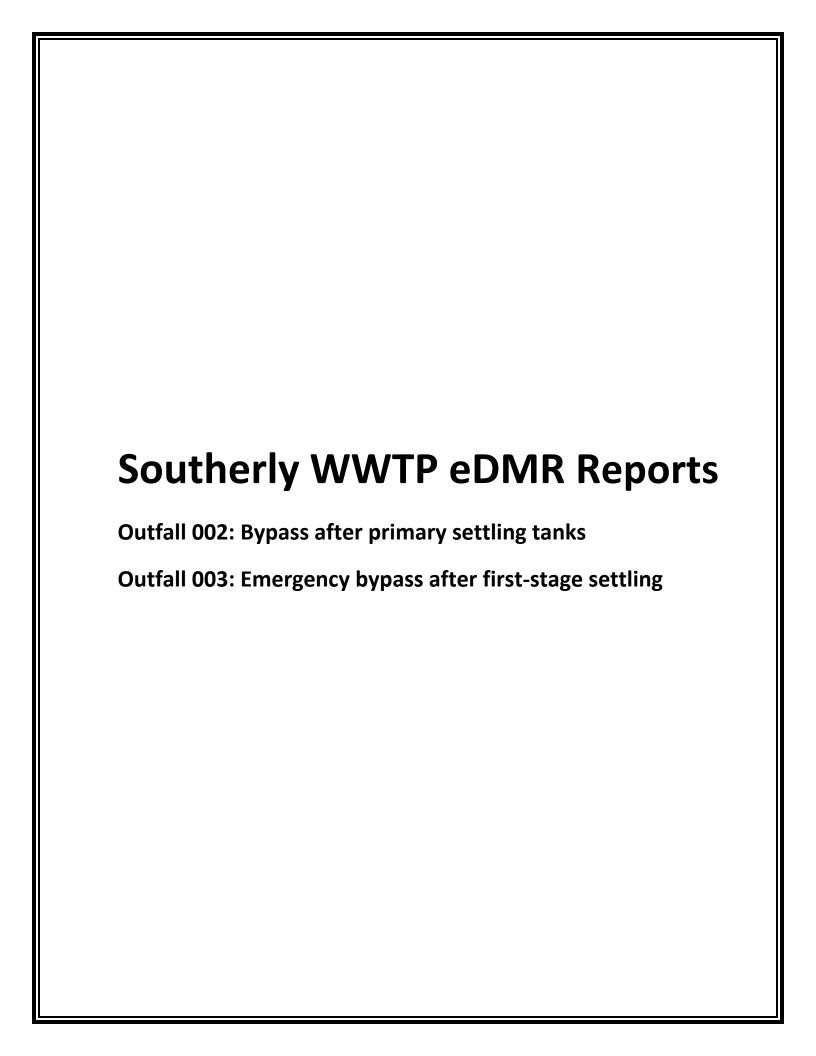


Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov swdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nwdo24hournpdes@epa.ohio.gov nedo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov cdo24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	Easterly Wastewater Treatment Plant
NPDES Permit number:	3PF00001*LD
Contact name for permittee:	Robert M. Bonnett, Plant Superintendent
Contact telephone number:	(216) 531-4892
Date and time of discharge	
Date and time(s) of discharge:	May 15, 2016 (5:54 AM – 11:44 PM)
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	62.40 MG
Characteristics of discharge:	Settled Sewage at Station Number 3PF00001003
Stream(s) affected by discharge	
Provide the name of all streams	
affected by the discharge:	Lake Erie
Circumstances that created the discharge	e
Describe the circumstances that	
created the discharge:	Wet Weather
Contact person with knowledge of discha	
Name:	Kevin Arth
Telephone number:	(216) 531-4892
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	None at this time
discharge:	
Person responsible for implementing rem	
Name:	N/A
Telephone number:	N/A



SUBMISSION ID:

FACILITY:

COUNTY:

557605 Southerly Wastewater Trtmnt Ctr, NEORSD

LOCATION: 6000 Canal Road

Cuyahoga Heights, OH 44124 Cuyahoga

DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PF00002*MD

STATION CODE:

MONITORING PERIOD : REPORTING LAB: **2016-01-01** To: **2016-01-31** NEORSD Analytical Services ANALYST: Mark Citriglia Manager of Analytical Services
NO DISCHARGE INDICATOR: AL

	I m i a	r	10 DISCHARGE				ſ		
PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Per Day		Bypass Volume			
PARAMETER CODE	00530	80082	00051	00052		51428			
UNITS	mg/l	mg/l	No./Day	Hrs/Day		MGAL When Disch.			
FREQUENCY SAMPLING TYPE	When Disch. Grab	When Disch. Grab	When Disch. 24hr Total	When Disc 24hr Tota		24hr Total			
2016-01-01									
2016-01-02									
2016-01-03									
2016-01-04									
2016-01-05									
2016-01-06									
2016-01-07									
2016-01-08									
2016-01-09									
2016-01-10									
2016-01-11									
2016-01-12									
2016-01-13									
2016-01-14									
2016-01-15									
2016-01-16									
2016-01-17									
2016-01-18									
2016-01-19									
2016-01-20									
2016-01-21									
2016-01-22									
2016-01-23									
2016-01-24									
2016-01-25									
2016-01-26									
2016-01-27									
2016-01-28									
2016-01-29									
2016-01-30									
2016-01-31									
Minimum									
Maximum	ļ		ļ						
Average			+		\longrightarrow				
Count	1	<u> </u>	1			-4£D "	Official and discussion	91.	
Name of Responsible Officia or Authorized Representativ		nalty of law that I have submitted herein and b	personally examined and ased on my inquiry of the	d am familiar	Sign	ature of Responsible Represe	Official or Authorized ntative	Submi Date/I	
Terry Robinson	individuals immediately responsible for obtaining the information, I believe the						2016 15 16		
							Page 55		

SUBMISSION ID:

FACILITY:

LOCATION:

COUNTY:

DISTRICT:

557605 Southerly Wastewater Trtmnt Ctr, NEORSD

6000 Canal Road

Cuyahoga Heights, OH 44124

Cuyahoga

NEDO

STATUS: Original

PERMIT NUMBER: 3PF00002*MD

STATION CODE:

MONITORING PERIOD : REPORTING LAB: **2016-01-01** To: **2016-01-31** NEORSD Analytical Services ANALYST: Mark Citriglia Manager of Analytical Services
NO DISCHARGE INDICATOR: AL

DADAMETER CORE	Solids		Bypass Occurrence	Per Da	937	Bypass Volume			
PARAMETER CODE	00530	80082	00051	0005		51428			
UNITS	mg/l	mg/l	No./Day	Hrs/Da		MGAL			
FREQUENCY SAMPLING TYPE	When Disch. Grab	When Disch. Grab	When Disch. Grab	When Di 24hr To		1/Month 24hr Total			
2016-01-01	Grue	Grae	Giab	2411 10	Juli	2-111 Total			
2016-01-02									
2016-01-03									
2016-01-04									
2016-01-05									
2016-01-06									
2016-01-07									
2016-01-08									
2016-01-09									
2016-01-10									
2016-01-11									
2016-01-12									
2016-01-13									
2016-01-14									
2016-01-15									
2016-01-16									
2016-01-17									
2016-01-18									
2016-01-19									
2016-01-20									
2016-01-21									
2016-01-22									
2016-01-23									
2016-01-24									
2016-01-25									
2016-01-26									
2016-01-27									
2016-01-28									
2016-01-29									
2016-01-30									
2016-01-31									
Minimum									
Maximum Average		-	+						
Count			1						
Name of Responsible Officia or Authorized Representativ		nalty of law that I have	personally examined and	am familiar	Sig	gnature of Responsible Represe	Official or Authorized	l	Submission Date/Time
Terry Robinson	individuals immediately responsible for obtaining the information, I believe the						2016-02- 15 16:02		

SUBMISSION ID:

FACILITY:

565293 Southerly Wastewater Trtmnt Ctr, NEORSD

LOCATION: 6000 Canal Road

Cuyahoga Heights, OH 44124

COUNTY: Cuyahoga DISTRICT: NEDO

STATUS: Original

PERMIT NUMBER: 3PF00002*MD

STATION CODE: 002

MONITORING PERIOD : REPORTING LAB: 2016-02-01 To: 2016-02-29 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Hours Per Day	Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052	51428		
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL		
FREQUENCY SAMPLING TYPE	When Disch.	When Disch.	When Disch. 24hr Total	When Disch.	When Disch.		
2016-02-01	Grab AC	Grab AC	AC	24hr Total AC	24hr Total AC		
2016-02-02	AC	AC	AC	AC	AC		
2016-02-03	AC	AC	AC	AC	AC		
	-		.				
2016-02-04	AC	AC	AC	AC	AC		
2016-02-05	AH	AH	1	0.05	0.1		
2016-02-06	AC	AC	AC	AC	AC		
2016-02-07	AC	AC	AC	AC	AC		
2016-02-08	AC	AC	AC	AC	AC		
2016-02-09	AC	AC	AC	AC	AC		
2016-02-10	AC	AC	AC	AC	AC		
2016-02-11	AC	AC	AC	AC	AC		
2016-02-12	AC	AC	AC	AC	AC		
2016-02-13	AC	AC	AC	AC	AC		
2016-02-14	AC	AC	AC	AC	AC		
2016-02-15	AC	AC	AC	AC	AC		
2016-02-16	AC	AC	AC	AC	AC		
2016-02-17	AC	AC	AC	AC	AC		
2016-02-18	AC	AC	AC	AC	AC		
2016-02-19	AC	AC	AC	AC	AC		
2016-02-20	AC	AC	AC	AC	AC		
2016-02-21	AC	AC	AC	AC	AC		
2016-02-22	AC	AC	AC	AC	AC		
2016-02-23	AC	AC	AC	AC	AC		
2016-02-24	117	30	1	14.63	98.2		
2016-02-25	AC	AC	AC	AC	AC		
2016-02-26	AC	AC	AC	AC	AC		
2016-02-27	AC	AC	AC	AC	AC		
2016-02-28	AC	AC	AC	AC	AC		
2016-02-29	AC	AC	AC	AC	AC		
Minimum	117.0	30.0	1.0	0.05	0.1		
Maximum	117.0	30.0	1.0	14.63	98.2		
Average Count	117 1	30	1 2	7.34	49.15	 	
Name of Responsible Officia	<u>, </u>		•	G:		Official or Authorized	Submission
or Authorized Representativ			personally examined and ased on my inquiry of the	ani minima	Represe		Date/Time
Terry Robinson	individuals immediate submitted information	ly responsible for obta is true, accurate and or or submitting false info	anining the information, I be complete. I am aware that permation, including the po	believe the there are			2016-03- 16 16:03

Page 55

SUBMISSION ID:

565293 Southerly Wastewater Trtmnt Ctr, NEORSD FACILITY:

Cuyahoga

LOCATION: 6000 Canal Road

Cuyahoga Heights, OH 44124

DISTRICT: NEDO

COUNTY:

STATUS: Original

PERMIT NUMBER: 3PF00002*MD

STATION CODE: 003

MONITORING PERIOD : REPORTING LAB: **2016-02-01** To: **2016-02-29** NEORSD Analytical Services ANALYST: Mark Citriglia Manager of Analytical Services
NO DISCHARGE INDICATOR: AL

				INDICATOR				
PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Per Day		Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052		51428		
UNITS	mg/l	mg/l	No./Day	Hrs/Day		MGAL		
FREQUENCY SAMPLING TYPE	When Disch. Grab	When Disch. Grab	When Disch. Grab	When Dis 24hr Tot		1/Month 24hr Total		
2016-02-01	5740	Giab	- Grae	2 10.		2111110111		
2016-02-02								
2016-02-03								
2016-02-04								
2016-02-05								
2016-02-06								
2016-02-07								
2016-02-08								
2016-02-09								
2016-02-10								
2016-02-11								
2016-02-12								
2016-02-13								
2016-02-14								
2016-02-15								
2016-02-16								
2016-02-17								
2016-02-18								
2016-02-19								
2016-02-20								
2016-02-21								
2016-02-22								
2016-02-23								
2016-02-24								
2016-02-25								
2016-02-26								
2016-02-27								
2016-02-28								
2016-02-29								
Minimum			1					
Maximum			1	<u> </u>				
Average Count			+		-+		 	
Name of Responsible Official	1	1. 61 3 77	11		Sian	nature of Responsible	Official or Authorized	Submission
or Authorized Representative	e with the information s	ubmitted herein and b	personally examined and ased on my inquiry of the	ose	- Gigii	Represe		Date/Time
Terry Robinson	submitted information	is true, accurate and or or submitting false info	aining the information, I lead to complete. I am aware that formation, including the p	there are				2016-03- 16 16:03

Page 1414

FACILITY: Southerly Wastewater Trimit Ctr, NEORSD PERMIT NUMBER: 3PF00002*MD LOCATION: 6000 Canal Road MONITORING PERIOD: 2016-02-01 To: 2016-02-29

Cuyahoga Heights, OH 44124

GENERAL REPORT COMMENT:

Plant operational data including Temp, DO, pH Flow and Chl. Res is approved and validated by the plant Superintendents. Analytical Data is approved by the Laboratory Manager. All analytical data generated by the Laboratory is NELAP compliant DEP Lab ID #68-03670 On 2/25/2016 the incineration process was down for part of the day and there was a total of 0.8 tons sent to the incinerator. Sample was not collected and the average %TS for the month was used to calculate the dry tons for that day.(03/16/2016)

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
001	CBOD 5 day	80082	2016-02-07	mg/l	BLANKS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-02-10	mg/l	STANDARD DID NOT MEET QC CRITERIA.
001	CBOD 5 day	80082	2016-02-11	mg/l	STANDARD DID NOT MEET QC CRITERIA.
001	CBOD 5 day	80082	2016-02-28	mg/l	STANDARD DID NOT MEET QC CRITERIA.
002	Total Suspended Solids	00530	2016-02-05	mg/l	SAMPLE NOT COLLECTED DUE TO A SHORT DURATION EVENT
002	CBOD 5 day	80082	2016-02-05	mg/l	SAMPLE NOT COLLECTED DUE TO A SHORT DURATION EVENT
601	CBOD 5 day	80082	2016-02-07	mg/l	BLANKS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-02-10	mg/l	STANDARD DID NOT MEET QC CRITERIA.
601	CBOD 5 day	80082	2016-02-11	mg/l	STANDARD DID NOT MEET QC CRITERIA.
601	CBOD 5 day	80082	2016-02-26	mg/l	BLANKS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-02-27	mg/l	BLANKS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-02-28	mg/l	STANDARD DID NOT MEET QC CRITERIA.

SUBMISSION ID:

FACILITY:

572132 Southerly Wastewater Trtmnt Ctr, NEORSD

LOCATION: 6000 Canal Road

Cuyahoga Heights, OH 44124

COUNTY: Cuyahoga DISTRICT: NEDO

STATUS: Original

PERMIT NUMBER: 3PF00002*MD

002

STATION CODE: MONITORING PERIOD : REPORTING LAB: 2016-03-01 To: 2016-03-31 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Hours Per Day	Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052	51428		
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL		
FREQUENCY CAMPLING TYPE	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
2016-03-01	Grab AC	Grab AC	24hr Total AC	24hr Total AC	24hr Total AC		
2016-03-02	AC	AC	AC	AC	AC		
2016-03-03	AC	AC	AC	AC	AC		
2016-03-04	AC	AC	AC	AC	AC		
2016-03-05	AC	AC	AC	AC	AC		
2016-03-06	AC	AC	AC	AC	AC		
2016-03-07	AC	AC	AC	AC	AC		
2016-03-08	AC	AC	AC	AC	AC		
2016-03-09	AC	AC	AC	AC	AC		
2016-03-10	86	19	1	6.55	37.8		
2016-03-11	35	19	0	1.67	3.5		
2016-03-12	AC	AC	AC	AC	AC		
2016-03-13	AC	AC	AC	AC	AC		
2016-03-14	165	31	1	1.25	8.9		
2016-03-15	АН	AH	0	3.75	14.9		
2016-03-16	AC	AC	AC	AC	AC		
2016-03-17	AC	AC	AC	AC	AC		
2016-03-18	AC	AC	AC	AC	AC		
2016-03-19	AC	AC	AC	AC	AC		
2016-03-20	AC	AC	AC	AC	AC		
2016-03-21	AC	AC	AC	AC	AC		
2016-03-22	AC	AC	AC	AC	AC		
2016-03-23	AC	AC	AC	AC	AC		
2016-03-24	AC	AC	AC	AC	AC		
2016-03-25	AC	AC	AC	AC	AC		
2016-03-26	AC	AC	AC	AC	AC		
2016-03-27	AC	AC	AC	AC	AC		
2016-03-28	AC	AC	AC	AC	AC		
2016-03-29	AC	AC	AC	AC	AC		
2016-03-30	AC	AC	AC	AC	AC		
2016-03-31	AC	AC	AC	AC	AC		
Minimum Maximum	35.0 165.0	19.0 31.0	0.0 1.0	1.25 6.55	3.5 37.8		
Average	95.33333	23	0.5	3.305	16.275	 	
Count	3	3	4	4	4	 	
Name of Responsible Official	T		<u> </u>		<u> </u>	e Official or Authorized	Submission
or Authorized Representative Terry Robinson	with the information s individuals immediate submitted information	th the information submitted herein and based on my inquiry of those lividuals immediately responsible for obtaining the information, I believe the omitted information is true, accurate and complete. I am aware that there are					
	fine and imprisonmen		,	· [15 16:04

SUBMISSION ID:

FACILITY:

COUNTY:

DISTRICT:

572132 Southerly Wastewater Trtmnt Ctr, NEORSD

LOCATION: 6000 Canal Road

Cuyahoga Heights, OH 44124

Cuyahoga

NEDO

STATUS: Original

PERMIT NUMBER: 3PF00002*MD

STATION CODE:

MONITORING PERIOD : REPORTING LAB: **2016-03-01** To: **2016-03-31** NEORSD Analytical Services ANALYST: Mark Citriglia Manager of Analytical Services
NO DISCHARGE INDICATOR: AL

PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2016-03-01 2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-10 2016-03-11 2016-03-12 2016-03-14 2016-03-15	Solids 00530 mg/I When Disch. Grab	CBOD 5 day 80082 mg/I When Disch. Grab	Bypass Occurrence 00051 No./Day When Disch. Grab	Per Day 00052 Hrs/Day When Disch. 24hr Total	Bypass Volume 51428 MGAL 1/Month 24hr Total		
UNITS FREQUENCY SAMPLING TYPE 2016-03-01 2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14	mg/l When Disch.	mg/l When Disch.	No./Day When Disch.	Hrs/Day When Disch.	MGAL 1/Month		
\$\frac{\text{SAMPLING TYPE}}{2016-03-01}\$ \tag{2016-03-02}\$ \tag{2016-03-03}\$ \tag{2016-03-04}\$ \tag{2016-03-05}\$ \tag{2016-03-06}\$ \tag{2016-03-07}\$ \tag{2016-03-08}\$ \tag{2016-03-09}\$ \tag{2016-03-10}\$ \tag{2016-03-11}\$ \tag{2016-03-12}\$ \tag{2016-03-14}\$							
2016-03-01 2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14	Grab	Grab	Grab	Z4iir Totai	24nr Total		
2016-03-02 2016-03-03 2016-03-04 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14							
2016-03-03 2016-03-04 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14							
2016-03-04 2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-09 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14							
2016-03-05 2016-03-06 2016-03-07 2016-03-08 2016-03-09 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14							
2016-03-06 2016-03-07 2016-03-08 2016-03-09 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14					<u> </u>		
2016-03-07 2016-03-08 2016-03-09 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14							
2016-03-08 2016-03-09 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14			+				
2016-03-09 2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14					+		
2016-03-10 2016-03-11 2016-03-12 2016-03-13 2016-03-14			+	-	+	-	
2016-03-11 2016-03-12 2016-03-13 2016-03-14			+				
2016-03-12 2016-03-13 2016-03-14							
2016-03-13 2016-03-14			+				
2016-03-14			 		-		
			 		-		
2016-03-15			 		-		
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2016-03-16			 				
2016-03-17							
2016-03-18							
2016-03-19							
2016-03-20							
2016-03-21							
2016-03-22							
2016-03-23							
2016-03-24							
2016-03-25							
2016-03-26							
2016-03-27							
2016-03-28							
2016-03-29							
2016-03-30							
2016-03-31							
Minimum							
Maximum			+		+	 	
Average Count			+	 	+	 	
Name of Responsible Official Toort	h h	nalty of law that I have	personally examined and	l am familiar S	Signature of Responsible	Official and discussion	Submission
or Authorized Representative with	rtify under the pen						
Terry Robinson signi fine a	h the information s	submitted herein and b	ased on my inquiry of the aining the information, I b	ose	Represe		Date/Time

FACILITY:Southerly Wastewater Trimit Ctr, NEORSDPERMIT NUMBER:3PF00002*MDLOCATION:6000 Canal RoadMONITORING PERIOD:2016-03-01 To: 2016-03-31

Cuyahoga Heights, OH 44124

GENERAL REPORT COMMENT:

Plant operational data including Temp, DO, pH Flow and Chl. Res is approved and validated by the plant Superintendents. Analytical Data is approved by the Laboratory Manager. All analytical data generated by the Laboratory is NELAP compliant DEP Lab ID #68-03670

PARAMETER COMMENTS:

THE TER CO.	REAMETER COMMENTS.								
Station Code	Parameter Name	Parameter Code	Date	Unit	Comment				
001	CBOD 5 day	80082	2016-03-08	mg/l	STANDARD DID NOT MEET QC CRITERIA				
002	Total Suspended Solids	00530	2016-03-15	mg/l	NO SAMPLE COLLECTED				
002	CBOD 5 day	80082	2016-03-15	mg/l	NO SAMPLE COLLECTED				
601	CBOD 5 day	80082	2016-03-08	mg/l	STANDARD DID NOT MEET QC CRITERIA				
601	CBOD 5 day	80082	2016-03-17	mg/l	STANDARD DID NOT MEET QC CRITERIA				
601	CBOD 5 day	80082	2016-03-22	mg/l	STANDARD DID NOT MEET QC CRITERIA				
601	CBOD 5 day	80082	2016-03-29	mg/l	STANDARD DID NOT MEET QC CRITERIA				

SUBMISSION ID:

580739 Southerly Wastewater Trtmnt Ctr, NEORSD FACILITY:

6000 Canal Road LOCATION:

Cuyahoga Heights, OH 44124

COUNTY: Cuyahoga DISTRICT: NEDO

STATUS: Original

PERMIT NUMBER: 3PF00002*ND

STATION CODE:

MONITORING PERIOD: 2016-04-01 To: 2016-04-30 REPORTING LAB: NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR: AL

NO DISCHARGE INDICATOR: AL							
PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total H Per Day	Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052	51428		
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL		
FREQUENCY SAMPLING TYPE	When Disch. Grab	When Disch. Grab	When Disch. 24hr Total	When Disch 24hr Total			
2016-04-01	Giab	Giab	24III 10tai	24111 10181	24III 10tai	+	
2016-04-02			 				
2016-04-03							
2016-04-04			+		_		
2016-04-05							
2016-04-06			1				
2016-04-07							
2016-04-08							
2016-04-09							
2016-04-10							
2016-04-11							
2016-04-12							
2016-04-13							
2016-04-14							
2016-04-15			†				
2016-04-16			†				
2016-04-17							
2016-04-18							
2016-04-19							
2016-04-20							
2016-04-21							
2016-04-22							
2016-04-23							
2016-04-24							
2016-04-25							
2016-04-26							
2016-04-27							
2016-04-28							
2016-04-29							
2016-04-30							
Minimum							
Maximum							
Average		 	+	 		 	
Count Name of Responsible Officia	1	1	1		Signature of Responsibl	a Official or Authorized	Submission
Name of Responsible Officia or Authorized Representative Terry Robinson	individuals immediat submitted information significant penalties f	submitted herein and be ely responsible for obta n is true, accurate and co or submitting false info	personally examined and ased on my inquiry of the aining the information, I complete. I am aware that ormation, including the p	believe the there are	Represe	entative	2016-05- 20 14:05
TOTTY KOUIIISOII	significant penalties f fine and imprisonmen		ormation, including the p	ossibility of		Page 55	20 14:05

SUBMISSION ID:

FACILITY:

LOCATION:

COUNTY:

DISTRICT:

580739 Southerly Wastewater Trtmnt Ctr, NEORSD

6000 Canal Road

Cuyahoga Heights, OH 44124

Cuyahoga NEDO

STATUS: Original

PERMIT NUMBER: 3PF00002*ND

STATION CODE:

MONITORING PERIOD : REPORTING LAB: 2016-04-01 To: 2016-04-30 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Per Day	Hours	Bypass Volume			
PARAMETER CODE	00530	80082	00051	00052		51428			
UNITS	mg/l	mg/l	No./Day	Hrs/Day		MGAL			
FREQUENCY SAMPLING TYPE	When Disch. Grab	When Disch. Grab	When Disch. Grab	When Dis 24hr Tot		1/Month 24hr Total			\dashv
2016-04-01	Giab	Giab	Grab	2411 100	41	24III 10tai			\dashv
2016-04-02									\dashv
2016-04-03									
2016-04-04									
2016-04-05									
2016-04-06									
2016-04-07									
2016-04-08									
2016-04-09									
2016-04-10									
2016-04-11									
2016-04-12									
2016-04-13									
2016-04-14									
2016-04-15									
2016-04-16									
2016-04-17									
2016-04-18									
2016-04-19									
2016-04-20									
2016-04-21									
2016-04-22									
2016-04-23									
2016-04-24									
2016-04-25									
2016-04-26									
2016-04-27									
2016-04-28									
2016-04-29									
2016-04-30									
Minimum									二
Maximum Average			+	 					\dashv
Count			1						-
Name of Responsible Officia or Authorized Representative	with the information	submitted herein and b	personally examined and ased on my inquiry of the aining the information, I	ose	Sig	nature of Responsible Represe	Official or Authorized ntative	Submis Date/T	
Terry Robinson	submitted information	n is true, accurate and or or submitting false info	complete. I am aware that compartion, including the p	t there are				2016-0 20 14:	
							Page 14	1.4	

Page 1414

SUBMISSION ID:

586459 Southerly Wastewater Trtmnt Ctr, NEORSD FACILITY:

LOCATION: 6000 Canal Road

Cuyahoga Heights, OH 44124

COUNTY: Cuyahoga DISTRICT: NEDO

STATUS: Original

PERMIT NUMBER: 3PF00002*ND

STATION CODE: 002

MONITORING PERIOD : REPORTING LAB: 2016-05-01 To: 2016-05-31 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Hours Per Day	Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052	51428		
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL		
FREQUENCY CAMPLING TYPE	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
2016-05-01	Grab AC	Grab AC	24hr Total AC	24hr Total AC	24hr Total AC		
2016-05-02	76	12	1	6.15	32.3		
2016-05-03	AC	AC	AC	AC	AC		
2016-05-04	AC	AC	AC	AC	AC		
2016-05-05	AC	AC	AC	AC	AC		
2016-05-06	AC	AC	AC	AC	AC		
2016-05-07	AC	AC	AC	AC	AC		
2016-05-08	AC	AC	AC	AC	AC		
2016-05-09	AC	AC	AC	AC	AC		
2016-05-10	AC	AC	AC	AC	AC		
2016-05-11	AC	AC	AC	AC	AC		
2016-05-12	AC	AC	AC	AC	AC		
2016-05-13	AC	AC	AC	AC	AC		
2016-05-14	AC	AC	AC	AC	AC		
2016-05-15	AC	AC	AC	AC	AC		
2016-05-16	AC	AC	AC	AC	AC		
2016-05-17	AC	AC	AC	AC	AC		
2016-05-18	AC	AC	AC	AC	AC		
2016-05-19	AC	AC	AC	AC	AC		
2016-05-20	AC	AC	AC	AC	AC		
2016-05-21	AC	AC	AC	AC	AC		
2016-05-22	AC	AC	AC	AC	AC		
2016-05-23	AC	AC	AC	AC	AC		
2016-05-24	AC	AC	AC	AC	AC		
2016-05-25	AC	AC	AC	AC	AC		
2016-05-26	AC	AC	AC	AC	AC		
2016-05-27	AC	AC	AC	AC	AC		
2016-05-28	AC	AC	AC	AC	AC		
2016-05-29	AC	AC	AC	AC	AC		
2016-05-30	AC	AC	AC	AC	AC		
2016-05-31	AC	AC	AC	AC	AC		
Minimum Maximum	76.0 76.0	12.0 12.0	1.0	6.15 6.15	32.3 32.3		
Average	76.0	12.0	1.0	6.15	32.3		
Count	1	1	1	1	1		
Name of Responsible Official				am familiar Si			Submission
or Authorized Representative Terry Robinson	with the information s individuals immediate submitted information	th the information submitted herein and based on my inquiry of those lividuals immediately responsible for obtaining the information, I believe the omitted information is true, accurate and complete. I am aware that there are inficant penalties for submitting false information, including the possibility of					2016-06- 16 15:06

SUBMISSION ID:

586459 Southerly Wastewater Trtmnt Ctr, NEORSD 6000 Canal Road

STATUS: Original PERMIT NUMBER: 3PF00002*ND

FACILITY: LOCATION:

003

Cuyahoga Heights, OH 44124 Cuyahoga COUNTY:

STATION CODE: MONITORING PERIOD: REPORTING LAB: **2016-05-01** To: **2016-05-31** NEORSD Analytical Services

NEDO DISTRICT:

ANALYST: Mark Citriglia Manager of Analytical Services
NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Tota Per Da	l Hours	Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052		51428		
UNITS	mg/l	mg/l	No./Day	Hrs/Da	y	MGAL		
FREQUENCY	When Disch.	When Disch.	When Disch.	When Di		1/Month		
SAMPLING TYPE	Grab	Grab	Grab	24hr To	tal	24hr Total		
2016-05-01								
2016-05-02								
2016-05-03								
2016-05-04								
2016-05-05								
2016-05-06								
2016-05-07								
2016-05-08								
2016-05-09								
2016-05-10								
2016-05-11								
2016-05-12								
2016-05-13								
2016-05-14								
2016-05-15								
2016-05-16								
2016-05-17								
2016-05-18								
2016-05-19								
2016-05-20								
2016-05-21								
2016-05-22								
2016-05-23								
2016-05-24								
2016-05-25								
2016-05-26								
2016-05-27								
2016-05-28								
2016-05-29								
2016-05-30								
2016-05-31								
Minimum								
Maximum								
Average						<u> </u>		
Count								
Name of Responsible Official		nalty of law that I have	personally examined and	l am familiar	Sig			mission
or Authorized Representative Terry Robinson	with the information s individuals immediate submitted information	ith the information submitted herein and based on my inquiry of those dividuals immediately responsible for obtaining the information, I believe the obmitted information is true, accurate and complete. I am aware that there are gnificant penalties for submitting false information, including the possibility of					016-06- 015:06	

SUBMISSION ID:

592905 Southerly Wastewater Trtmnt Ctr, NEORSD

STATUS: Original PERMIT NUMBER:

FACILITY:

DISTRICT:

6000 Canal Road

NEDO

3PF00002*ND 002

LOCATION:

STATION CODE: Cuyahoga Heights, OH 44124

COUNTY: Cuyahoga

MONITORING PERIOD : REPORTING LAB: 2016-06-01 To: 2016-06-30 NEORSD Analytical Services ANALYST: Mark Citriglia Manager of Analytical Services
NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended	CBOD 5 day	Bypass Occurrence	Bypass Total Ho	ours Bypass Volume		
PARAMETER CODE	Solids	<u> </u>	00051	Per Day 00052	**		
UNITS	00530 mg/l	80082 mg/l	No./Day	Hrs/Day	51428 MGAL		
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
SAMPLING TYPE	Grab	Grab	24hr Total	24hr Total	24hr Total		
2016-06-01							
2016-06-02							
2016-06-03							
2016-06-04							
2016-06-05							
2016-06-06							
2016-06-07							
2016-06-08							
2016-06-09							
2016-06-10							
2016-06-11							
2016-06-12							
2016-06-13							
2016-06-14							
2016-06-15							
2016-06-16							
2016-06-17							
2016-06-18							
2016-06-19							
2016-06-20							
2016-06-21							
2016-06-22							
2016-06-23							
2016-06-24							
2016-06-25							
2016-06-26							
2016-06-27							
2016-06-28							
2016-06-29							
2016-06-30							
Minimum							
Maximum							
Average				 			
Count Name of Responsible Officia	1	1. 61	1		Signature of Responsible	Official or Authorized	Submission
or Authorized Representativ Terry Robinson	with the information individuals immediat submitted information	submitted herein and b ely responsible for obta n is true, accurate and o	personally examined and ased on my inquiry of the aining the information, I complete. I am aware tha	believe the	Represer		2016-07-
Teny Roomson	significant penalties f fine and imprisonmen	nificant penalties for submitting false information, including the possibility of					

SUBMISSION ID:

592905 Southerly Wastewater Trtmnt Ctr, NEORSD

STATUS: Original PERMIT NUMBER:

FACILITY:

3PF00002*ND

LOCATION: 6000 Canal Road Cuyahoga Heights, OH 44124 STATION CODE: 003

COUNTY: Cuyahoga DISTRICT: NEDO

MONITORING PERIOD : REPORTING LAB: **2016-06-01** To: **2016-06-30** NEORSD Analytical Services ANALYST: Mark Citriglia Manager of Analytical Services
NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Hou Per Day	Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052	51428		
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL		
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	1/Month		
SAMPLING TYPE	Grab	Grab	Grab	24hr Total	24hr Total		
2016-06-01			1				
2016-06-02			<u> </u>				
2016-06-03							
2016-06-04							
2016-06-05							
2016-06-06							
2016-06-07							
2016-06-08							
2016-06-09							
2016-06-10							
2016-06-11							
2016-06-12							
2016-06-13							
2016-06-14							
2016-06-15							
2016-06-16							
2016-06-17							
2016-06-18							
2016-06-19							
2016-06-20							
2016-06-21							
2016-06-22							
2016-06-23							
2016-06-24							
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2016-06-28							
2016-06-29							
2016-06-30							
Minimum							
Maximum			1				
Average Count			+		-	 	
Name of Responsible Officia	I Logify under the ner	alty of law that I have	personally examined and	am familiar	Signature of Responsible	Official or Authorized	Submission
or Authorized Representativ	e with the information s	submitted herein and b	ased on my inquiry of the	se	Represe	ntative	Date/Time
Terry Robinson	individuals immediately responsible for obtaining the information, I believe the						2016-07- 13 16:07

Page 1616



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

Southeast District Office: sedo24hournpdes@epa.ohio.gov
Southwest District Office: swdo24hournpdes@epa.ohio.gov
Northwest District Office: nedo24hournpdes@epa.ohio.gov
Central Office: co24hournpdes@epa.ohio.gov
Central Office: co24hournpdes@epa.ohio.gov

Permittee Information	
Name of permittee:	NEORSD- Southerly WWTP
NPDES Permit number:	3PF00002*MD
Contact name for permittee:	George Schur
Contact telephone number:	(216) 641-3200
Date and time of discharge	
Date and time(s) of discharge:	2/05/16 11:25 – 11:28 hrs
Date and time discharge discovered:	2/05/16 11:25 hrs
Description of discharge	
Approximate amount of discharge:	0.10 MG
Characteristics of discharge:	Settled Sewage
Stream(s) affected by discharge	
Provide the name of all streams	Cuyahoga River
affected by the discharge:	
Circumstances that created the discharge	
Describe the circumstances that	Unanticipated bypass
created the discharge:	
Contact person with knowledge of discha	- '
Name:	Mary Garapic
Telephone number:	(216) 641-3200
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	
discharge:	
Person responsible for implementing rem	edial steps
Name:	
Telephone number:	



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

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Southwest District Office: swdo24hournpdes@epa.state.oh.us
Northwest District Office: nwdo24hournpdes@epa.state.oh.us
Northeast District Office: nedo24hournpdes@epa.state.oh.us
Central District Office: co24hournpdes@epa.state.oh.us
Central Office: co24hournpdes@epa.state.oh.us

Permittee Information	
Name of permittee:	NEORSD- Southerly WWTP
NPDES Permit number:	3PF00002*MD
Contact name for permittee:	George Schur
Contact telephone number:	216-641-3200
Date and time of discharge	
Date and time(s) of discharge:	02/24/16 @ 09:45 hrs 02/24/16 @ 23:23 hrs.
Date and time discharge discovered:	02/24/16 @ 09:45 hrs
Description of discharge	
Approximate amount of discharge:	98.15 MG
Characteristics of discharge:	Settled sewage
Stream(s) affected by discharge	
Provide the name of all streams	Cuyahoga River
affected by the discharge:	
Circumstances that created the discharge	е
Describe the circumstances that	Exceeded the plant's hydraulic capacity
created the discharge:	
Contact person with knowledge of discha	
Name:	Ben Tedrick
Telephone number:	216-641-3200
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	
discharge:	
Person responsible for implementing rem	nedial steps
Name:	
Telephone number:	



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

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Northeast District Office: nedo24hournpdes@epa.state.oh.us
Central District Office: co24hournpdes@epa.state.oh.us
Central Office: co24hournpdes@epa.state.oh.us

Permittee Information	
Name of permittee:	NEORSD- Southerly WWTP
NPDES Permit number:	3PF00002*MD
Contact name for permittee:	George Schur
Contact telephone number:	216-641-3200
Date and time of discharge	
Date and time(s) of discharge:	3/10/16 @ 17:27 hr. to 3/11/16 @ 01:40 hr.
Date and time discharge discovered:	3/10/16 @ 17:27 hr.
Description of discharge	
Approximate amount of discharge:	41.21 M.G.
Characteristics of discharge:	Settled sewage
Stream(s) affected by discharge	
Provide the name of all streams	Cuyahoga River
affected by the discharge:	
Circumstances that created the discharge	е
Describe the circumstances that	Exceeded the plant's hydraulic capacity
created the discharge:	
Contact person with knowledge of discha	
Name:	Mary Garapic
Telephone number:	216-641-3200
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	
discharge:	
Person responsible for implementing rem	nedial steps
Name:	
Telephone number:	



Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

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Southwest District Office: swdo24hournpdes@epa.state.oh.us
Northwest District Office: nwdo24hournpdes@epa.state.oh.us
Northeast District Office: nedo24hournpdes@epa.state.oh.us
Central District Office: co24hournpdes@epa.state.oh.us
Central Office: co24hournpdes@epa.state.oh.us

Permittee Information	
Name of permittee:	NEORSD- Southerly WWTP
NPDES Permit number:	3PF00002*MD
Contact name for permittee:	George Schur
Contact telephone number:	216-641-3200
Date and time of discharge	
Date and time(s) of discharge:	3/14/16 @ 22:24 hr. to 3/15/16 @ 03:45 hr.
Date and time discharge discovered:	3/14/16 @ 22:24 hr.
Description of discharge	
Approximate amount of discharge:	23.73 MG
Characteristics of discharge:	Settled sewage
Stream(s) affected by discharge	
Provide the name of all streams	Cuyahoga River
affected by the discharge:	
Circumstances that created the discharge	e
Describe the circumstances that	Exceeded the plant's hydraulic capacity
created the discharge:	
Contact person with knowledge of discha	
Name:	Mary Garapic
Telephone number:	216-641-3200
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	
discharge:	
Person responsible for implementing rem	nedial steps
Name:	
Telephone number:	

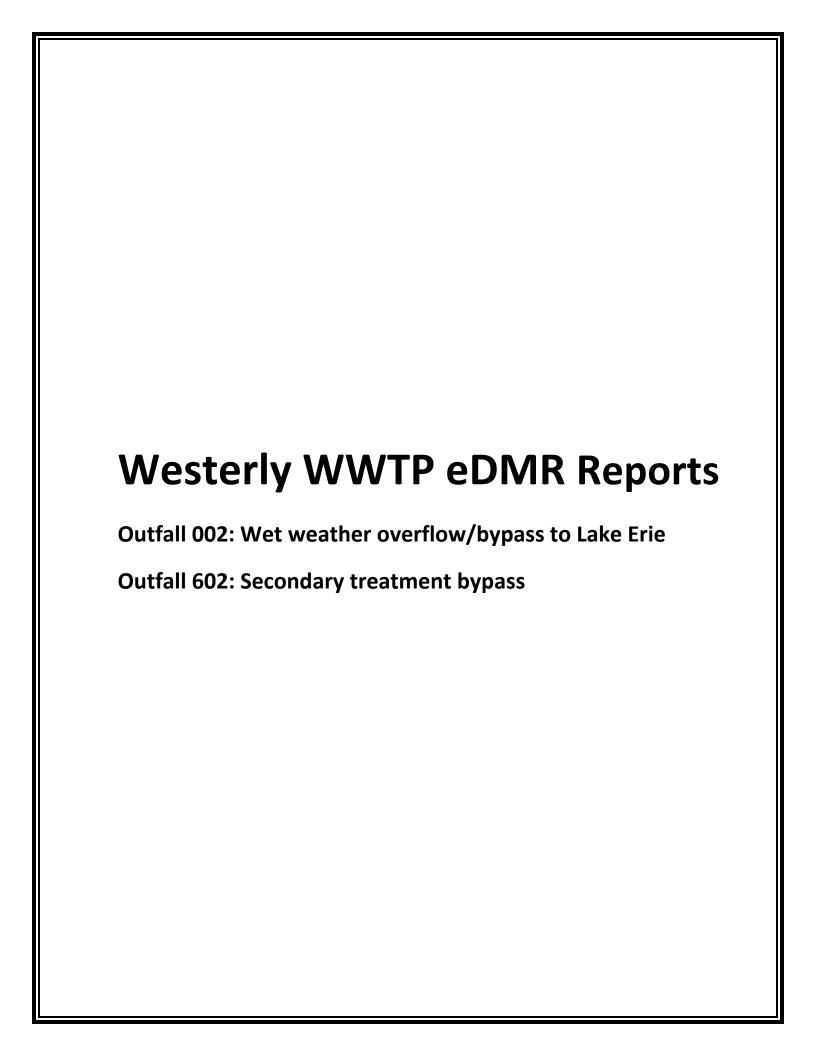


Non-compliance Notification for Bypasses and Upsets

Use this form to report non-compliance that is the result of any **unanticipated bypass** or **upset** resulting in an exceedance of any **effluent limit** in your NPDES permit (see Part III, Section 12 of your NPDES permit for details). The form should be completed and emailed to the appropriate Ohio EPA inspector, or Ohio EPA office using one of the following addresses:

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Permittee Information	
Name of permittee:	NEORSD- Southerly WWTP
NPDES Permit number:	3PF00002*ND
Contact name for permittee:	George Schur
Contact telephone number:	(216) 641-3200
Date and time of discharge	
Date and time(s) of discharge:	5/2/16 from 06:11 hrs to 12:20 hrs
Date and time discharge discovered:	5/2/16 @ 06:11 hrs
Description of discharge	
Approximate amount of discharge:	32.34 MG
Characteristics of discharge:	Settled Sewage
Stream(s) affected by discharge	
Provide the name of all streams	Cuyahoga River
affected by the discharge:	
Circumstances that created the discharge	
Describe the circumstances that	Exceeded the plant's hydraulic capacity
created the discharge:	
Contact person with knowledge of discha	
Name:	Travis Pitts
Telephone number:	(216) 641-3200
Remedial steps	
Describe all remedial steps which are	
or will be taken to address the	
discharge:	
Person responsible for implementing rem	nedial steps
Name:	
Telephone number:	



SUBMISSION ID: 557780

FACILITY: NEORSD Westerly WWTP 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PE00001*PD

002

STATION CODE: MONITORING PERIOD: REPORTING LAB: MONITORING PERIOD: 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORSD Analytical Services
ANALYST: Mark Citriglia Manager of
Analytical Services
NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended Solids	CBOD 5 day	Overflow Occurrence	Overflow V	olume	Duration of Discharge			
PARAMETER CODE	00530	80082	74062	7406		82517			
UNITS	mg/l	mg/l	No./Month	Million Ga		Hours			
FREQUENCY	When Disch.	When Disch.	When Disch.	When D		When Disch. 24hr Total			
2016-01-01	Grab	Grab	Total	24hr To	otai	24nr 10tai			
2016-01-02									
2016-01-03			<u> </u>						
2016-01-04									
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2016-01-29									
2016-01-30				ļ					
2016-01-31									
Minimum									
Maximum									
Average Count			 						
Name of Responsible Officia	T contifu y = 1 - 1 - 1 - 1	andtry of lawy 45 - 4 T for	namanally arraying 1	1 om for::1:-	Sic	pnature of Resnonsible	Official or Authorized	Subm	nission
or Authorized Representativ Andy Rossiter	Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are							2016	/Time 6-02-
significant penalties for submitting false information, including the possibility of fine and imprisonment. Page 55							161	12:02	

SUBMISSION ID: 557780

NEORSD Westerly WWTP FACILITY: 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga

LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PE00001*PD

FERMIT NUMBER: 3PE00001*PD

STATION CODE: 602

MONITORING PERIOD: 2016-01-01 To: 2016-01-31

REPORTING LAB: NEORSD Analytical Services

ANALYST: Mark Citriglia Manager of Analytical Services

NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Hor Per Day	urs Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052	51428		
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL		
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
SAMPLING TYPE	24hr Composite	24hr Composite	24hr Total	24hr Total	24hr Total	-	
2016-01-01							
2016-01-02							
2016-01-03			-				
2016-01-04							
2016-01-05							
2016-01-06							
2016-01-07							
2016-01-08							
2016-01-09							
2016-01-10							
2016-01-11							
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2016-01-21							
2016-01-22							
2016-01-23					1		
2016-01-24							
2016-01-25							
2016-01-26			<u> </u>			+	
2016-01-27			<u> </u>			+	
2016-01-28			†		_	 	
2016-01-29					+	 	
2016-01-30						 	
2016-01-31							
Minimum			 		+	-	
Maximum			†		1	 	
Average							
Count							
Name of Responsible Officia or Authorized Representative		nalty of law that I have	personally examined and ased on my inquiry of the	am familiar	Signature of Responsible Represe	Official or Authorized ntative	Submission Date/Time
Andy Rossiter	individuals immediate submitted information	ely responsible for obta in is true, accurate and c for submitting false info	ining the information, I to omplete. I am aware that ormation, including the position	elieve the there are		Page 101	2016-02- 16 12:02

Page 1010

SUBMISSION ID: 564009

FACILITY: NEORSD Westerly WWTP 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga

LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PE00001*PD

002

STATION CODE: MONITORING PERIOD: REPORTING LAB: 002 2016-02-01 To: 2016-02-29 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

	Solids	CBOD 5 day	Overflow Occurrence	Overflow Volume	Duration of Discharge		
PARAMETER CODE	00530	80082	74062	74063	82517	1 	
UNITS	mg/l	mg/l	No./Month	Million Gallons	Hours		
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
SAMPLING TYPE	Grab	Grab	Total	24hr Total	24hr Total	+	
2016-02-01	AC	AC	AC	AC	AC		
2016-02-02	AC	AC	AC	AC	AC		
2016-02-03	AC	AC	AC	AC	AC		
2016-02-04	AC	AC	AC	AC	AC		
2016-02-05	AC	AC	AC	AC	AC		
2016-02-06	AC	AC	AC	AC	AC		
2016-02-07	AC	AC	AC	AC	AC		
2016-02-08	AC	AC	AC	AC	AC		
2016-02-09	AC	AC	AC	AC	AC		
2016-02-10	AC	AC	AC	AC	AC		
2016-02-11	AC	AC	AC	AC	AC		
2016-02-12	AC	AC	AC	AC	AC		
2016-02-13	AC	AC	AC	AC	AC		
2016-02-14	AC	AC	AC	AC	AC		
2016-02-15	AC	AC	AC	AC	AC		
2016-02-16	AC	AC	AC	AC	AC		
2016-02-17	AC	AC	AC	AC	AC		
2016-02-18	AC	AC	AC	AC	AC		
2016-02-19	AC	AC	AC	AC	AC		
2016-02-20	AC	AC	AC	AC	AC		
2016-02-21	AC	AC	AC	AC	AC		
2016-02-22	AC	AC	AC	AC	AC		
2016-02-23	AC	AC	AC	AC	AC		
2016-02-24	348	63	1	23.6	7.50		
2016-02-25	AC	AC	AC	AC	AC		
2016-02-26	AC	AC	AC	AC	AC		
2016-02-27	AC	AC	AC	AC	AC		
2016-02-28	AC	AC	AC	AC	AC		
2016-02-29	AC	AC	AC	AC	AC		
Minimum	348.0	63.0	1.0	23.6	7.5		
Maximum	348.0	63.0	1.0	23.6	7.5 7.5	+	
Average Count	348	63	1	23.6	1.5	+	
Name of Responsible Officia	: 1					le Official or Authorized	Submission
or Authorized Representation Andy Rossiter	with the information s individuals immediate submitted information	alty of law that I have ubmitted herein and ba ely responsible for obtation is true, accurate and corruste submitting false infort.	sed on my inquiry of the ining the information, lomplete. I am aware th	nose [believe the at there are		Page 55	2016-03- 11 09:03

STATUS: SUBMISSION ID: 564009 Original

NEORSD Westerly WWTP FACILITY: PERMIT NUMBER: 3PE00001*PD

LOCATION:

FERMIT NUMBER: 3PE00001*PD

STATION CODE: 602

MONITORING PERIOD: 2016-02-01 To: 2016-02-29

REPORTING LAB: NEORSD Analytical Services

ANALYST: Mark Citriglia Manager of Analytical Services

NO DISCHARGE INDICATOR: AL 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga COUNTY: DISTRICT: NEDO

PARAMETER Total Suspended PARAMETER (ODE) CBOD 5 day store Bypass Occurrence PARAMETER (ODE) ODES 1428 CHATTOR (ALTER) CHATTOR (ALTER) <th></th> <th></th> <th></th> <th>No Dischange</th> <th></th> <th></th> <th></th> <th></th>				No Dischange				
MINTS	PARAMETER		CBOD 5 day	Bypass Occurrence		Bypass Volume		
Memble		00530	80082					
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2016-02-10	2016-02-08							
2016-02-11	2016-02-09		ì					
2016-02-13	2016-02-10							
2016-02-14	2016-02-11							
2016-02-15	2016-02-12							
2016-02-16	2016-02-13							
2016-02-17	2016-02-14							
2016-02-17	2016-02-15							
2016-02-19	2016-02-16							
2016-02-19	2016-02-17							
2016-02-21 2016-02-22 2016-02-23 2016-02-24 2016-02-25 2016-02-25 2016-02-26 2016-02-27 2016-02-27 2016-02-28 2016-02-29 Minimum Maximum Average Count Name of Responsible Official or Authorized Representative Visit the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant repealates for submitting false information, I believe the submitted information is true, accurate and complete. I am aware that there are significant repealates for submitting false information, I believe the submitted information is true, accurate and complete. I am aware that there are significant repealates for submitting false information, I believe the submitted information is true, accurate and complete. I am aware that there are significant repealates for submitting false information, I believe the submitted information is true, accurate and complete. I am aware that there are significant repealates for submitting false information, I believe the submitted information is true, accurate and complete. I am aware that there are significant repealates for submitting false information, I believe the submitted information is true, accurate and complete. I am aware that there are significant repealates for submitting false information, I believe the submitted information is true, accurate and complete. I am aware that there are significant repealates for submitting false information, I believe the submitted information is true, accurate and complete. I am aware that there are significant repealates for submitting false information, I believe the submitted false information, I believe the submitted false information, I believe the submitted false information, I believe the submitted false information, I believe the submitted false information, I believe the submitted false information, I believe the submitted false information, I believe the submitted false informat	2016-02-18							
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2016-02-23 2016-02-24 2016-02-25 2016-02-26 2016-02-27 2016-02-27 2016-02-28 2016-02-29	2016-02-20							
2016-02-24 2016-02-25 2016-02-26 2016-02-27 2016-02-28 2016-02-29 Minimum Maximum Average Count Name of Responsible Official or Authorized Representative I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of significant penalties for submitting false information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of significant penalties for submitting false information.	2016-02-21							
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2016-02-25 2016-02-26 2016-02-27 2016-02-28 2016-02-29 Minimum Maximum Average Count Name of Responsible Official or Authorized Representative Andy Rossiter Andy Rossiter Andy Rossiter Significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitting false information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information, including the possibility of significant penalties for submitted information submitted information submitted information submitted information submitted information submitted information submitted information su	2016-02-23							
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2016-02-28 2016-02-29 Minimum Maximum Average Count Name of Responsible Official or Authorized Representative Andy Rossiter Andy Rossiter Andy Rossiter Andy Rossiter Andy Rossiter Telephone and the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 1109:03 Telephone Authorized Representative Signature of Responsible Official or Authorized Representative Signature of Responsible Official or Authorized Representative Signature of Responsible Official or Authorized Representative 1109:03								
Minimum Maximum Average Count Name of Responsible Official or Authorized Representative Andy Rossiter Andy Rossiter Andy Rossiter Andy Rossiter Minimum Average Count Signature of Responsible Official or Authorized with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am a ware that there are significant penalties for submitting false information, including the possibility of 1109:03	2016-02-27							
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Maximum Average Count Name of Responsible Official or Authorized Representative Andy Rossiter Andy Rossiter Maximum Average Count I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 11 09:03	2016-02-29		<u> </u>	ļ				
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Name of Responsible Official or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am a ware that there are significant penalties for submitting false information, including the possibility of 11 09:03		-	 	 	 	+		
or Authorized Representative with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am a ware that there are significant penalties for submitting false information, including the possibility of 11 09:03		I r			1 6:1:	Signature of Responsible	Official or Authorized	Submission
Individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of 11 09:03	or Authorized Representativ				a dili fallilita			
		individuals immediat submitted information significant penalties f	ely responsible for obta n is true, accurate and c for submitting false info	ining the information, I lomplete. I am aware that	believe the there are			

Page 1010

SUBMISSION ID: 572302

FACILITY: NEORSD Westerly WWTP 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga

LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PE00001*PD

002

STATION CODE: MONITORING PERIOD: REPORTING LAB: 002 2016-03-01 To: 2016-03-31 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	CBOD 5 day	Overflow Occurrence	Overflow Volume	Duration of Discharge		
PARAMETER CODE	00530	80082	74062	74063	82517		
UNITS	mg/l	mg/l	No./Month	Million Gallons	Hours		
FREQUENCY CAMPLING TYPE	When Disch. Grab	When Disch. Grab	When Disch. Total	When Disch.	When Disch.		
2016-03-01	AC	AC	AC	24hr Total AC	24hr Total AC		
2016-03-02	AC	AC	AC	AC	AC		
2016-03-03	AC	AC	AC	AC	AC		
2016-03-04	AC	AC	AC	AC	AC		
2016-03-05	AC	AC	AC	AC	AC		
2016-03-06	AC	AC	AC	AC	AC		
2016-03-07	AC	AC	AC	AC	AC		
2016-03-08	AC	AC	AC	AC	AC		
2016-03-09	AC	AC	AC	AC	AC		
2016-03-10	69	23	1	0.8	1.90		
2016-03-11	AC	AC	AC	AC	AC	 	
2016-03-12	AC	AC	AC	AC	AC		
2016-03-13	AC	AC	AC	AC	AC		
2016-03-14	69	19	1	11.1	5.20		
2016-03-15	AC	AC	AC	AC	AC		
2016-03-16	AC	AC	AC	AC	AC		
2016-03-17	AC	AC	AC	AC	AC		
2016-03-18	AC	AC	AC	AC	AC		
2016-03-19	AC	AC	AC	AC	AC		
2016-03-20	AC	AC	AC	AC	AC		
2016-03-21	AC	AC	AC	AC	AC		
2016-03-22	AC	AC	AC	AC	AC		
2016-03-23	AC	AC	AC	AC	AC		
2016-03-24	AC	AC	AC	AC	AC		
2016-03-25	AC	AC	AC	AC	AC		
2016-03-26	AC	AC	AC	AC	AC		
2016-03-27	AC	AC	AC	AC	AC		
2016-03-28	142	43	1	3.6	1.30		
2016-03-29	AC	AC	AC	AC	AC		
2016-03-30	AC	AC	AC	AC	AC		
2016-03-31	AC	AC	AC	AC	AC		
Minimum	69.0	19.0	1.0	0.8	1.3		
Maximum	142.0	43.0	1.0	11.1	5.2		
Average	93.33333	28.33333	1	5.16667	2.8	 	
Count	3	3	3	3	3		10
Name of Responsible Officia or Authorized Representativ	with the information sindividuals immediate	nalty of law that I have p submitted herein and ba ely responsible for obtain is true, accurate and co	sed on my inquiry of the ning the information, I	believe the	Signature of Responsible Represe		Submission Date/Time
Andy Rossiter		or submitting false info				Page 55	18 09:04

STATUS: SUBMISSION ID: 572302 Original

FACILITY: NEORSD Westerly WWTP PERMIT NUMBER: 3PE00001*PD

LOCATION:

FERMIT NUMBER: 3PE00001*PD

STATION CODE: 602

MONITORING PERIOD: 2016-03-01 To: 2016-03-31

REPORTING LAB: NEORSD Analytical Services

ANALYST: Mark Citriglia Manager of Analytical Services

NO DISCHARGE INDICATOR: AL 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga COUNTY: DISTRICT: NEDO

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Hours Per Day	Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052	51428	 	
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL		
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
2016-03-01	24hr Composite	24hr Composite	24hr Total	24hr Total	24hr Total	+	
					+	-	
2016-03-02					<u> </u>	+	
2016-03-04			1		 	+	
2016-03-05							
2016-03-06							
2016-03-07			+		†	+	
2016-03-08		<u> </u>					
2016-03-09			+		†	+	
2016-03-10					<u> </u>	+	
2016-03-11					1		
2016-03-12							
2016-03-13							
2016-03-14							
2016-03-15							
2016-03-16							
2016-03-17					1		
2016-03-18							
2016-03-19							
2016-03-20							
2016-03-21							
2016-03-22							
2016-03-23							
2016-03-24							
2016-03-25							
2016-03-26							
2016-03-27							
2016-03-28							
2016-03-29							
2016-03-30							
2016-03-31							
Minimum							
Maximum		ļ	ļ		ļ		
Average		 	 		 	 	
Count Name of Responsible Officia	1		1		ignature of Doman-il-1	e Official or Authorized	Submission
or Authorized Representativ	e with the information	submitted herein and ba	personally examined and used on my inquiry of the	se	Ignature of Responsible Represe	entative	Date/Time
Andy Rossiter	individuals immediate submitted information	ely responsible for obta n is true, accurate and c for submitting false info	ining the information, I to omplete. I am aware that ormation, including the po	pelieve the there are			2016-04- 18 09:04
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SUBMISSION ID: 572302

FACILITY: NEORSD Westerly WWTP 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga

LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PE00001*PD

002

STATION CODE: MONITORING PERIOD: REPORTING LAB: 002 2016-03-01 To: 2016-03-31 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended Solids	CBOD 5 day	Overflow Occurrence	Overflow Volume	Duration of Discharge		
PARAMETER CODE	00530	80082	74062	74063	82517		
UNITS	mg/l	mg/l	No./Month	Million Gallons	Hours		
FREQUENCY CAMPLING TYPE	When Disch. Grab	When Disch. Grab	When Disch. Total	When Disch.	When Disch.		
2016-03-01	AC	AC	AC	24hr Total AC	24hr Total AC		
2016-03-02	AC	AC	AC	AC	AC		
2016-03-03	AC	AC	AC	AC	AC		
2016-03-04	AC	AC	AC	AC	AC		
2016-03-05	AC	AC	AC	AC	AC		
2016-03-06	AC	AC	AC	AC	AC		
2016-03-07	AC	AC	AC	AC	AC		
2016-03-08	AC	AC	AC	AC	AC		
2016-03-09	AC	AC	AC	AC	AC		
2016-03-10	69	23	1	0.8	1.90		
2016-03-11	AC	AC	AC	AC	AC	 	
2016-03-12	AC	AC	AC	AC	AC		
2016-03-13	AC	AC	AC	AC	AC		
2016-03-14	69	19	1	11.1	5.20		
2016-03-15	AC	AC	AC	AC	AC		
2016-03-16	AC	AC	AC	AC	AC		
2016-03-17	AC	AC	AC	AC	AC		
2016-03-18	AC	AC	AC	AC	AC		
2016-03-19	AC	AC	AC	AC	AC		
2016-03-20	AC	AC	AC	AC	AC		
2016-03-21	AC	AC	AC	AC	AC		
2016-03-22	AC	AC	AC	AC	AC		
2016-03-23	AC	AC	AC	AC	AC		
2016-03-24	AC	AC	AC	AC	AC		
2016-03-25	AC	AC	AC	AC	AC		
2016-03-26	AC	AC	AC	AC	AC		
2016-03-27	AC	AC	AC	AC	AC		
2016-03-28	142	43	1	3.6	1.30		
2016-03-29	AC	AC	AC	AC	AC		
2016-03-30	AC	AC	AC	AC	AC		
2016-03-31	AC	AC	AC	AC	AC		
Minimum	69.0	19.0	1.0	0.8	1.3		
Maximum	142.0	43.0	1.0	11.1	5.2		
Average	93.33333	28.33333	1	5.16667	2.8	 	
Count	3	3	3	3	3		10
Name of Responsible Officia or Authorized Representativ	with the information sindividuals immediate	nalty of law that I have p submitted herein and ba ely responsible for obtain is true, accurate and co	sed on my inquiry of the ning the information, I	believe the	Signature of Responsible Represe		Submission Date/Time
Andy Rossiter		or submitting false info				Page 55	18 09:04

STATUS: SUBMISSION ID: 572302 Original

FACILITY: NEORSD Westerly WWTP PERMIT NUMBER: 3PE00001*PD

LOCATION:

FERMIT NUMBER: 3PE00001*PD

STATION CODE: 602

MONITORING PERIOD: 2016-03-01 To: 2016-03-31

REPORTING LAB: NEORSD Analytical Services

ANALYST: Mark Citriglia Manager of Analytical Services

NO DISCHARGE INDICATOR: AL 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga COUNTY: DISTRICT: NEDO

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Hours Per Day	Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052	51428	 	
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL		
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
2016-03-01	24hr Composite	24hr Composite	24hr Total	24hr Total	24hr Total	+	
					+	-	
2016-03-02					<u> </u>	+	
2016-03-04			1		 	+	
2016-03-05							
2016-03-06							
2016-03-07			+		†	+	
2016-03-08		<u> </u>					
2016-03-09			+		†	+	
2016-03-10					<u> </u>	+	
2016-03-11					1		
2016-03-12							
2016-03-13							
2016-03-14							
2016-03-15							
2016-03-16							
2016-03-17					1		
2016-03-18							
2016-03-19							
2016-03-20							
2016-03-21							
2016-03-22							
2016-03-23							
2016-03-24							
2016-03-25							
2016-03-26							
2016-03-27							
2016-03-28							
2016-03-29							
2016-03-30							
2016-03-31							
Minimum							
Maximum		ļ	ļ		ļ		
Average		 	 		 	 	
Count Name of Responsible Officia	1		1		ignature of Doman-il-1	e Official or Authorized	Submission
or Authorized Representativ	e with the information	submitted herein and ba	personally examined and used on my inquiry of the	se	Ignature of Responsible Represe	entative	Date/Time
Andy Rossiter	individuals immediate submitted information	ely responsible for obta n is true, accurate and c for submitting false info	ining the information, I to omplete. I am aware that ormation, including the po	pelieve the there are			2016-04- 18 09:04
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SUBMISSION ID: 586784

FACILITY: NEORSD Westerly WWTP 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PE00001*PD

002

STATION CODE: MONITORING PERIOD: REPORTING LAB: 002 2016-05-01 To: 2016-05-31 NEORSD Analytical Services Mark Citriglia Manager of Analytical Services ANALYST:

NO DISCHARGE INDICATOR:

PARAMETER	E. coli	Total Suspended Solids	CBOD 5 day	Overflow Occurrence	Overflow Volume	Duration of Discharge	
PARAMETER CODE	31648	00530	80082	74062	74063	82517	
UNITS	#/100 ml	mg/l	mg/l	No./Month	Million Gallons	Hours	
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	
SAMPLING TYPE	Grab	Grab	Grab	Total	24hr Total	24hr Total	
2016-05-01	AC	AC	AC 25	AC	AC	AC	
2016-05-02	260000	176	25	1	26.5	5.10	
2016-05-03	AC	AC	AC	AC	AC	AC	
2016-05-04	AC	AC	AC	AC	AC	AC	
2016-05-05	AC	AC	AC	AC	AC	AC	
2016-05-06	AC	AC	AC	AC	AC	AC	
2016-05-07	AC	AC	AC	AC	AC	AC	
2016-05-08	AC	AC	AC	AC	AC	AC	
2016-05-09	AC	AC	AC	AC	AC	AC	
2016-05-10	AC	AC	AC	AC	AC	AC	
2016-05-11	AC	AC	AC	AC	AC	AC	
2016-05-12	AC	AC	AC	AC	AC	AC	
2016-05-13	AC	AC	AC	AC	AC	AC	
2016-05-14	AC	AC	AC	AC	AC	AC	
2016-05-15	258600	62	26	1	2.0	2.00	
2016-05-16	AC	AC	AC	AC	AC	AC	
2016-05-17	AC	AC	AC	AC	AC	AC	
2016-05-18	AC	AC	AC	AC	AC	AC	
2016-05-19	AC	AC	AC	AC	AC	AC	
2016-05-20	AC	AC	AC	AC	AC	AC	
2016-05-21	AC	AC	AC	AC	AC	AC	
2016-05-22	AC	AC	AC	AC	AC	AC	
2016-05-23	AC	AC	AC	AC	AC	AC	
2016-05-24	AC	AC	AC	AC	AC	AC	
2016-05-25	AC	AC	AC	AC	AC	AC	
2016-05-26	AC	AC	AC	AC	AC	AC	
2016-05-27	AC	AC	AC	AC	AC	AC	
2016-05-28	AC	AC	AC	AC	AC	AC	
2016-05-29	AH	108	49	1	2.4	0.90	
2016-05-30	AC	AC	AC	AC	AC	AC	
		<u> </u>		-	AC AC		
2016-05-31	AC	AC	AC	AC		AC	
Minimum Maximum	258600.0 260000.0	62.0 176.0	25.0 49.0	1.0	2.0 26.5	0.9 5.1	
Average	259300	115.33333	33.33333	1.0	10.3	2.66667	
Count	2	3	3	3	3	3	
Name of Responsible Officia	L certify under the pe	nalty of law that I have p		•	Signature of Responsible	Official or Authorized	Submission
or Authorized Representativ	with the information individuals immedia submitted information	submitted herein and bast tely responsible for obtain on is true, accurate and co for submitting false infor	ted on my inquiry of the ning the information, I mplete. I am aware tha	believe the there are	Represe	ntative	2016-06- 17 14:06
	fine and imprisonment.						17 14.00

SUBMISSION ID: 586784

FACILITY: NEORSD Westerly WWTP 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PE00001*PD

FERMIT NUMBER: 3PE00001*PD

STATION CODE: 602

MONITORING PERIOD: 2016-05-01 To: 2016-05-31

REPORTING LAB: NEORSD Analytical Services

ANALYST: Mark Citriglia Manager of Analytical Services

NO DISCHARGE INDICATOR: AL

PARAMETER	Total Suspended Solids	CBOD 5 day	Bypass Occurrence	Bypass Total Ho Per Day	Bypass Volume		
PARAMETER CODE	00530	80082	00051	00052	51428		
UNITS	mg/l	mg/l	No./Day	Hrs/Day	MGAL		
FREQUENCY	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.		
SAMPLING TYPE	24hr Composite	24hr Composite	24hr Total	24hr Total	24hr Total		
2016-05-01							
2016-05-02							
2016-05-03			-				
2016-05-04							
2016-05-05							
2016-05-06							
2016-05-07							
2016-05-08							
2016-05-09							
2016-05-10							
2016-05-11							
2016-05-12							
2016-05-13							
2016-05-14							
2016-05-15							
2016-05-16							
2016-05-17							
2016-05-18							
2016-05-19							
2016-05-20							
2016-05-21							
2016-05-22							
2016-05-23							
2016-05-24							
2016-05-25							
2016-05-26							
2016-05-27							
2016-05-28					1		
2016-05-29					1		
2016-05-30					1		
2016-05-31			1		+	+	
Minimum							
Maximum							
Average			ļ				
Count							
Name of Responsible Officia or Authorized Representativ		nalty of law that I have	personally examined and ased on my inquiry of the	am familiar	Signature of Responsible Represe	Official or Authorized ntative	Submission Date/Time
Andy Rossiter	individuals immediate submitted information	ely responsible for obta in is true, accurate and c for submitting false info	ining the information, I to omplete. I am aware that ormation, including the position	elieve the there are	,	Page 101	2016-06- 17 14:06

FACILITY: NEORSD Westerly WWTP PERMIT NUMBER: 3PE00001*PD LOCATION: 5800 Cleveland Memorial Shoreway NW MONITORING PERIOD: 2016-05-01 To: 2016-05-31

Cleveland, OH 44115

GENERAL REPORT COMMENT:

Plant operational data including Temp, DO, pH Flow and Chl. Res is approved and validated by the plant Superintendents. Analytical Data is approved by the Laboratory Manager. All analytical data generated by the Laboratory is NELAP compliant DEP Lab ID #68-03670

PARAMETER COMMENTS:

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
001	E. coli	31648	2016-05-13	#/100 ml	METHOD QC CRITERIA WAS NOT FOLLOWED
001	CBOD 5 day	80082	2016-05-15	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-05-18	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-05-23	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-05-25	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-05-26	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-05-27	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-05-28	mg/l	STANDARDS DID NOT MEET QC CRITERIA
001	CBOD 5 day	80082	2016-05-31	mg/l	STANDARDS DID NOT MEET QC CRITERIA
002	E. coli	31648	2016-05-29	#/100 ml	SAMPLE PASSED HOLDING TIME
601	CBOD 5 day	80082	2016-05-15	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-17	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-18	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-23	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-25	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-26	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-27	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-28	mg/l	STANDARDS DID NOT MEET QC CRITERIA
601	CBOD 5 day	80082	2016-05-31	mg/l	STANDARDS DID NOT MEET QC CRITERIA

SUBMISSION ID: 593440

FACILITY: NEORSD Westerly WWTP 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PE00001*PD

002

STATION CODE: MONITORING PERIOD: REPORTING LAB: MONITORING PERIOD: 2016-06-01 To: 2016-06-30 REPORTING LAB: NEORSD Analytical Services Mark Citriglia Manager of Analytical Services NO DISCHARGE INDICATOR: AL

PARAMETER	E. coli	Total Suspended Solids	CBOD 5 day	Overfl Occurre		Overflow Volume	Duration of Discharge	
PARAMETER CODE	31648	00530	80082	7406		74063	82517	
UNITS	#/100 ml	mg/l	mg/l	No./Mo		Million Gallons	Hours	
FREQUENCY CAMPLING TYPE	When Disch.	When Disch.	When Disch.	When D		When Disch.	When Disch.	
2016-06-01	Grab	Grab	Grab	Tota	Ц	24hr Total	24hr Total	
2016-06-02				†				
2016-06-03								
2016-06-04								
2016-06-05								
2016-06-06								
2016-06-07								
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Name of Responsible Officia		nalty of law that I have p	ersonally examined an	d am familiər	Si	gnature of Responsible		Submission
or Authorized Representative	with the information	submitted herein and bas	sed on my inquiry of th	ose	Representative			Date/Time
Andy Rossiter	Andy Rossiter Andy R							2016-07- 15 13:07
	<u> </u>				Page 55			

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SUBMISSION ID: 593440

FACILITY: NEORSD Westerly WWTP 5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115 Cuyahoga LOCATION:

COUNTY: DISTRICT: NEDO STATUS: Original

PERMIT NUMBER: 3PE00001*PD

602

STATION CODE: MONITORING PERIOD: REPORTING LAB: MONITORING PERIOD: 2016-06-01 To: 2016-06-30 REPORTING LAB: NEORSD Analytical Services Mark Citriglia Manager of Analytical Services NO DISCHARGE INDICATOR: AL

PARAMETER CODE UNITS	Solids 00530	00000		Per Da				
		80082	00051	00052		51428		
	mg/l	mg/l	No./Day	Hrs/Da		MGAL		
FREQUENCY SAMPLING TYPE	When Disch. 24hr Composite	When Disch. 24hr Composite	When Disch. 24hr Total	When Di 24hr To		When Disch. 24hr Total		
2016-06-01	2-mi Composite	2-iii Composite	2-Hii Totai	2411 10	, tui	2-m Total		
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Count								
Name of Responsible Official or Authorized Representative					Signature of Responsible Official or Authorized Representative			Submission Date/Time
Andy Rossiter								2016-07- 15 13:07

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