



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

NEORSD Semi-Annual Progress Report No. 9
Period from January 1, 2016 to June 30, 2016

January 27, 2016

Chief, Environmental Enforcement Section
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Washington, D.C. 20044-7611

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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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NEORSD Semi-Annual Progress Report No. 9
 Period from January 1, 2016 to June 30, 2016

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	Calendar 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	<p>In compliance:</p> <p>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.</p> <p>12 collections occurred during the reporting period (2 per month) at a NEORSD expenditure of \$59,549.27.</p> <p>To date, 122 collections have occurred at a NEORSD expenditure of \$700,180.20</p>

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Table 1: Current Reporting Period CD Requirements

Reference	Description	Milestone(s) in CD	Calendar Milestone(s)	Compliance Status
Consent Decree Paragraph 36/ Appendix 6	State Supplemental Environmental Project – Canal Pump Station Operation and Maintenance	<p>Commence operation and maintenance of pump station following completion of Canal Pump Station construction</p> <p>Or</p> <p>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</p>	TBD	<p>In compliance:</p> <p>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.</p>

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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.

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Table 1: Current Reporting Period CD Requirements

Reference	Description	Milestone(s) in CD	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”.

NEORSD Semi-Annual Progress Report No. 9
 Period from January 1, 2016 to June 30, 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 3	Implementation of GI Plan	Implementation of GI Plan within eight (8) years of Entry of Decree	July 7, 2019	<p>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.</p> <p>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.</p> <p>Continued construction of the Green Ambassador Fairhill/MLK project. The estimated post-gray CSO reduction for this project is 2.4 MG.</p> <p>Continued construction of the Green Ambassador Urban Agriculture project. The estimated post-gray CSO reduction for this project is 1.6 MG.</p> <p>Advertised and opened bids for the E. 140th Street Consolidation Sewer on March 30th and June 7th, respectively. The estimated post-gray CSO reduction for this project is 5.8 MG.</p> <p>Continued design of the Union/Buckeye GI Project.</p> <p>Continued the design of the Woodland Central GI project.</p>
Appendix 3	GI Anticipated Co-Benefits Report	Submit within three years following EPA approval of the GI Plan	March 30, 2015	<p>Revised report submitted on October 7, 2015.</p> <p>Acceptance letter received February 19, 2016.</p>

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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.

NEORSD Semi-Annual Progress Report No. 9
 Period from January 1, 2016 to June 30, 2016

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

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

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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.

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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.

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 Period from January 1, 2016 to June 30, 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 24	CSO 063 Relief/Consolidation Sewer	Bid Year 2013 Achievement of Full Operation 2014	December 31, 2013 December 31, 2014	<p>Completed performance compliance modeling evaluation and commenced development of Control Measure Report.</p> <p>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.</p>

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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.

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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	<p>Continue site-specific post-construction monitoring of the Green Ambassador Slavic Village Demonstration Project. The monitoring period is anticipated to be completed July 2017.</p> <p>Continue construction of the Fleet Avenue GI Project. Construction completion is scheduled for July 2016. Achievement of Full Operation anticipated in October 2016.</p> <p>Continue construction of the Urban Agriculture GI Project. Construction completion is scheduled for December 2016. Achievement of Full Operation anticipated in 2017.</p> <p>Continue construction of the Fairhill-MLK GI Project. Construction completion scheduled for December 2016. Achievement of Full Operation anticipated in 2017.</p> <p>Commence construction of the E. 140th GI Project.</p> <p>Continue design of the Union/Buckeye GI Project.</p> <p>Continue design of the Woodland Central GI project.</p>
Appendix 1 Control Measure 1	Increase Secondary Treatment Capacity	<p>Bid Year: 2014</p> <p>Achievement of Full Operation: 2016</p>	<p>December 31, 2014</p> <p>December 31, 2016</p>	Achieve Full Operation by December 31, 2016.

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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.

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 Period from January 1, 2016 to June 30, 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 6	Euclid Creek Tunnel/Dugway Storage System	Achievement of Full Operation 2020	December 31, 2020	<p>Euclid Creek Tunnel (ECT): Commence operation upon completion of Easterly Tunnel Dewatering Pump Station (TDPS).</p> <p>Easterly TDPS: Construction is scheduled to be complete in 2016.</p> <p>Dugway West Interceptor Relief Sewer: Continue construction.</p> <p>Euclid Creek Pump Station/Lakeshore Boulevard Relief Sewer (ECPS/LBRS): Construction complete. CSO benefits upon completion of ECT and Easterly TDPS.</p> <p>Dugway Storage Tunnel (DST): Continue construction.</p> <p>East 140th Consolidation and Relief Sewer: Commence construction.</p> <p>Dugway South Relief and Consolidation Sewer: Continue construction.</p> <p>London Road Relief Sewer: Commence design.</p> <p>Dugway Regulators/Relief: Commence design.</p>

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 Period from January 1, 2016 to June 30, 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 8	Doan Valley Tunnel System	Bid Year 2017	December 31, 2017	Doan Valley Tunnel: Continue design.
		Achievement of Full Operation 2021	December 31, 2021	Doan Valley Relief and Consolidation Sewer: Commence design.
Appendix 1 Control Measure 9	Superior Avenue Pump Station Upgrade	Bid Year 2016	December 31, 2016	Commence construction.
		Achievement of Full Operation 2018	December 31, 2018	
Appendix 1 Control Measure 10	Stones Levee Pump Station Upgrade	Bid Year 2016	December 31, 2016	Commence construction.
		Achievement of Full Operation 2017	December 31, 2017	
Appendix 1 Control Measure 11	Canal Road In-Line Storage	Bid Year 2017	December 31, 2017	Commence construction.
		Achievement of Full Operation 2018	December 31, 2018	
Appendix 1 Control Measure 14	Westerly Tunnel System	Bid Year 2020	December 31, 2020	Westerly Tunnel & Pump Station: Continue design.
		Achievement of Full Operation 2024	December 31, 2024	Westerly Low Level Relief Sewer: Continue design.
Appendix 1 Control Measure 15	Columbus Road Storage Tank	Bid Year 2018	December 31, 2018	Westerly Low Level Relief Sewer: Continue design.
		Achievement of Full Operation 2019	December 31, 2019	

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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.

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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.”

CSO Permit eDMR Reports

First Half of 2016

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 025
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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						
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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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 035
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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						
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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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	558282	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave	STATION CODE:	038
	CLEVELAND, OH 44115	MONITORING PERIOD :	<u>2016-01-01</u> To: <u>2016-01-31</u>
COUNTY:	Cuyahoga	REPORTING LAB:	
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						
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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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 040
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORSD
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.
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						1	0.35025
2016-01-09							
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						3	4
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 040
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
PARAMETER CODE	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						
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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
		Thomas Madej	2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 044
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 045
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 056
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-01-01						
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	1	0.6181				
2016-01-11						
2016-01-12						
2016-01-13						
2016-01-14						
2016-01-15	1	0.056				
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	0.056				
Maximum	1.0	0.6181				
Average	1	0.33705				
Count	2	2				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 058
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-01-01						
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	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	1.0	0.0525				
Average	1	0.0525				
Count	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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
			2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 059
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 069
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 072
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 080
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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							
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 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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 080
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
ANALYST:
NO DISCHARGE INDICATOR: AL

PARAMETER	CBOD 5 day					
PARAMETER CODE	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						
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 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.	Signature of Responsible Official or Authorized Representative			Submission Date/Time	
Thomas Madej					2016-02-17 16:02	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 088
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

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				
2016-01-01	AH	AH				
2016-01-02	AH	AH				
2016-01-03	AH	AH				
2016-01-04	AH	AH				
2016-01-05	AH	AH				
2016-01-06	AH	AH				
2016-01-07	AH	AH				
2016-01-08	AH	AH				
2016-01-09	AH	AH				
2016-01-10	AH	AH				
2016-01-11	AH	AH				
2016-01-12	AH	AH				
2016-01-13	AH	AH				
2016-01-14	AH	AH				
2016-01-15	AH	AH				
2016-01-16	AH	AH				
2016-01-17	AH	AH				
2016-01-18	AH	AH				
2016-01-19	AH	AH				
2016-01-20	AH	AH				
2016-01-21	AH	AH				
2016-01-22	AH	AH				
2016-01-23	AH	AH				
2016-01-24	AH	AH				
2016-01-25	AH	AH				
2016-01-26	AH	AH				
2016-01-27	AH	AH				
2016-01-28	AH	AH				
2016-01-29	AH	AH				
2016-01-30	AH	AH				
2016-01-31	AH	AH				
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 200
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORS
ANALYST: NEORS
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
2016-01-01							
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						1.0	0.1183
Maximum						1.0	0.5027
Average						1	0.3105
Count						2	2
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 200
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
PARAMETER CODE	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						
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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 202
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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							
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 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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 202
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
ANALYST:
NO DISCHARGE INDICATOR: AL

PARAMETER	CBOD 5 day					
PARAMETER CODE	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						
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 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.	Signature of Responsible Official or Authorized Representative				Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 206
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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							
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 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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 206
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
ANALYST:
NO DISCHARGE INDICATOR: AL

PARAMETER	CBOD 5 day					
PARAMETER CODE	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						
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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 211
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-01-01						
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	1.0	0.28				
Average	1	0.20067				
Count	3	3				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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							
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 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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
ANALYST:
NO DISCHARGE INDICATOR: AL

PARAMETER	CBOD 5 day					
PARAMETER CODE	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						
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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 232
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence per Year	Overflow Volume				
PARAMETER CODE	51709	74063				
UNITS	No./Year	Million Gallons				
FREQUENCY	When Disch.	When Disch.				
SAMPLING TYPE	Total Estimate	Total Estimate				
2016-01-01	AH	AH				
2016-01-02	AH	AH				
2016-01-03	AH	AH				
2016-01-04	AH	AH				
2016-01-05	AH	AH				
2016-01-06	AH	AH				
2016-01-07	AH	AH				
2016-01-08	AH	AH				
2016-01-09	AH	AH				
2016-01-10	AH	AH				
2016-01-11	AH	AH				
2016-01-12	AH	AH				
2016-01-13	AH	AH				
2016-01-14	AH	AH				
2016-01-15	AH	AH				
2016-01-16	AH	AH				
2016-01-17	AH	AH				
2016-01-18	AH	AH				
2016-01-19	AH	AH				
2016-01-20	AH	AH				
2016-01-21	AH	AH				
2016-01-22	AH	AH				
2016-01-23	AH	AH				
2016-01-24	AH	AH				
2016-01-25	AH	AH				
2016-01-26	AH	AH				
2016-01-27	AH	AH				
2016-01-28	AH	AH				
2016-01-29	AH	AH				
2016-01-30	AH	AH				
2016-01-31	AH	AH				
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 239
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORS
ANALYST: NEORS
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
2016-01-01							
2016-01-02							
2016-01-03							
2016-01-04							
2016-01-05							
2016-01-06							
2016-01-07							
2016-01-08						1	0.0027
2016-01-09							
2016-01-10						1	0.0331
2016-01-11							0.7576
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	0.0027
Maximum						1.0	0.7576
Average						1	0.26447
Count						2	3

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
			2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 239
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
PARAMETER CODE	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						
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 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.	Signature of Responsible Official or Authorized Representative				Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 242
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 558282
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 258
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB:
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-02-17 16:02

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

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

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

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

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.

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 025
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB:
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				
2016-02-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 035
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-02-01						
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	0.1011				
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	1	0.1011				
Count	1	1				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 038
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB:
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				
2016-02-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 040
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORS
ANALYST: NEORS
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						1	0.0913
2016-02-02						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							
2016-02-24						1	9.8825
2016-02-25							
2016-02-26							
2016-02-27							
2016-02-28							
2016-02-29						1	0.1853
Minimum						1.0	0.0913
Maximum						1.0	9.8825
Average						1	2.96828
Count						6	8

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
		Thomas Madej	2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 040
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
PARAMETER CODE	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 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.	Signature of Responsible Official or Authorized Representative			Submission Date/Time	
Thomas Madej					2016-03-18 09:03	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 044
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB:
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				
2016-02-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 045
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-02-01						
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	1	0.6				
Count	1	1				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 056
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-02-01						
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	1.0	5.6167				
Average	1	1.45647				
Count	4	6				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 058
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-02-01						
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				
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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 059
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB:
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				
2016-02-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 069
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB:
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				
2016-02-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 072
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB:
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				
2016-02-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 080
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
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.
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	1.502
Count						2	3
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 080
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
PARAMETER CODE	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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 088
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

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				
2016-02-01						
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	0.0505				
2016-02-25						
2016-02-26						
2016-02-27						
2016-02-28						
2016-02-29						
Minimum		0.0505				
Maximum		0.0505				
Average		0.0505				
Count		1				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 200
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
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.
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						1.0	1.1791
Average						1	0.39442
Count						4	5
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 200
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
PARAMETER CODE	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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 202
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
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.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	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	0.0157
2016-02-25							
2016-02-26							
2016-02-27							
2016-02-28							
2016-02-29							
Minimum						1.0	0.0157
Maximum						1.0	0.0157
Average						1	0.0157
Count						1	1
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 202
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
PARAMETER CODE	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 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.	Signature of Responsible Official or Authorized Representative				Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 206
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORS
ANALYST: NEORS
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							
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	1.9866
2016-02-25							
2016-02-26							
2016-02-27							
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 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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 206
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
PARAMETER CODE	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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 211
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-02-01						
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	1	0.784				
Count	5	6				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
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.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-02-01							
2016-02-02						1	0.0590
2016-02-03							0.0588
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	0.7626
2016-02-25							
2016-02-26							
2016-02-27							
2016-02-28							
2016-02-29							
Minimum						1.0	0.0588
Maximum						1.0	0.7626
Average						1	0.29347
Count						2	3
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
PARAMETER CODE	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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 232
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence per Year	Overflow Volume				
PARAMETER CODE	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	AH	AH				
2016-02-08	AH	AH				
2016-02-09	AH	AH				
2016-02-10	AH	AH				
2016-02-11	AH	AH				
2016-02-12	AH	AH				
2016-02-13	AH	AH				
2016-02-14	AH	AH				
2016-02-15	AH	AH				
2016-02-16	AH	AH				
2016-02-17	AH	AH				
2016-02-18	AH	AH				
2016-02-19	AH	AH				
2016-02-20	AH	AH				
2016-02-21	AH	AH				
2016-02-22	AH	AH				
2016-02-23	AH	AH				
2016-02-24	AH	AH				
2016-02-25	AH	AH				
2016-02-26	AH	AH				
2016-02-27	AH	AH				
2016-02-28	AH	AH				
2016-02-29	AH	AH				
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 239
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORSD
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.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Total	24hr Total
2016-02-01							
2016-02-02						1	0.2495
2016-02-03							2.4485
2016-02-04							
2016-02-05							
2016-02-06							
2016-02-07							
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						6	10

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
			2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 239
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
PARAMETER CODE	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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 242
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB:
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				
2016-02-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 565824
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 258
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB:
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				
2016-02-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-03-18 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

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

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.

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 025
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-03-01						
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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
			2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	035
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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				
2016-03-01						
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						
2016-03-26						
2016-03-27						
2016-03-28	1	0.2514				
2016-03-29						
2016-03-30						
2016-03-31						
Minimum	1.0	0.0668				
Maximum	1.0	0.2514				
Average	1	0.15797				
Count	3	3				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	038
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-03-01						
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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 040
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: Mark Citriglia
ANALYST: Mark Citriglia
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
2016-03-01						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							
2016-03-26							
2016-03-27							
2016-03-28						1	3.9423
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	103.5	1.097	4.493	0.741	0.608	1	2.9368
Count	1	1	1	1	1	9	11
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 040
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: Mark Citriglia
ANALYST: Mark Citriglia
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
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	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	13.7					
Average	13.7					
Count	1					
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 044
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB:
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				
2016-03-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	045
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-03-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: **3PA00002*HD**
STATION CODE: 056
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-03-01	1	0.8066				
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	2.3594				
2016-03-11		0.0128				
2016-03-12						
2016-03-13	1	1.4406				
2016-03-14	1	3.0030				
2016-03-15		0.1149				
2016-03-16	1	0.0675				
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	0.8899				
2016-03-25						
2016-03-26						
2016-03-27						
2016-03-28	1	1.6662				
2016-03-29						
2016-03-30						
2016-03-31	1	0.0296				
Minimum	1.0	0.0128				
Maximum	1.0	3.003				
Average	1	1.03905				
Count	8	10				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	058
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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				
2016-03-01	1	0.0423				
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	0.0643				
2016-03-11						
2016-03-12						
2016-03-13	1	0.0703				
2016-03-14	1	0.0300				
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	0.0133				
2016-03-25						
2016-03-26						
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				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	059
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-03-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	069
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-03-01						
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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	072
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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				
2016-03-01						
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	0.0673				
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	0.0384				
2016-03-29						
2016-03-30						
2016-03-31						
Minimum	1.0	0.0384				
Maximum	1.0	0.0673				
Average	1	0.05285				
Count	2	2				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 080
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: Mark Citriglia
ANALYST: Mark Citriglia
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
2016-03-01						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							
2016-03-13						1	0.8572
2016-03-14						1	2.355
2016-03-15							
2016-03-16						1	0.1308
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	0.7739
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
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: **3PA00002*HD**
STATION CODE: 080
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: Mark Citriglia
ANALYST: Mark Citriglia
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
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	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						
Minimum	66.7					
Maximum	66.7					
Average	66.7					
Count	1					
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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 088
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

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				
2016-03-01						
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		6				

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.	Signature of Responsible Official or Authorized Representative		Submission Date/Time
				2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 200
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: NEORS
ANALYST: NEORS
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
2016-03-01							
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							
2016-03-30							
2016-03-31							
Minimum						1.0	1.8426
Maximum						1.0	1.8426
Average						1	1.8426
Count						1	1

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
		Thomas Madej	2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	200
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		NO DISCHARGE INDICATOR:	

PARAMETER	CBOD 5 day					
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						
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 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.			Signature of Responsible Official or Authorized Representative	Submission Date/Time	
Thomas Madej					2016-04-19 18:04	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 202
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: NEORS
ANALYST: NEORS
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
2016-03-01							
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							
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							
Minimum						1.0	0.0503
Maximum						1.0	0.2759
Average						1	0.13863
Count						3	3

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.	Signature of Responsible Official or Authorized Representative		Submission Date/Time
				2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	202
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		NO DISCHARGE INDICATOR:	

PARAMETER	CBOD 5 day					
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						
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 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.			Signature of Responsible Official or Authorized Representative	Submission Date/Time	
Thomas Madej					2016-04-19 18:04	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	206
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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
2016-03-01							
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	1.4235
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	1.918
2016-03-29							
2016-03-30							
2016-03-31							
Minimum						1.0	1.4235
Maximum						1.0	1.918
Average						1	1.67075
Count						2	2

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	206
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		NO DISCHARGE INDICATOR:	

PARAMETER	CBOD 5 day					
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						
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 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.			Signature of Responsible Official or Authorized Representative	Submission Date/Time	
Thomas Madej					2016-04-19 18:04	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 211
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-03-01	1	0.658				
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	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	1.0	2.114				
Average	1	0.78556				
Count	8	9				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: NEORS
ANALYST: NEORS
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
2016-03-01						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							
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						7	7

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.	Signature of Responsible Official or Authorized Representative		Submission Date/Time
				2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day						
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							
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 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.	Signature of Responsible Official or Authorized Representative					Submission Date/Time
Thomas Madej							2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 232
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence per Year	Overflow Volume				
PARAMETER CODE	51709	74063				
UNITS	No./Year	Million Gallons				
FREQUENCY	When Disch.	When Disch.				
SAMPLING TYPE	Total Estimate	Total Estimate				
2016-03-01	AH	AH				
2016-03-02	AH	AH				
2016-03-03	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	AH	AH				
2016-03-15	AH	AH				
2016-03-16	AH	AH				
2016-03-17	AH	AH				
2016-03-18	AH	AH				
2016-03-19	AH	AH				
2016-03-20	AH	AH				
2016-03-21	AH	AH				
2016-03-22	AH	AH				
2016-03-23	AH	AH				
2016-03-24	AH	AH				
2016-03-25	AH	AH				
2016-03-26	AH	AH				
2016-03-27	AH	AH				
2016-03-28	AH	AH				
2016-03-29	AH	AH				
2016-03-30	AH	AH				
2016-03-31	AH	AH				
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 239
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: Mark Citriglia
ANALYST: Mark Citriglia
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
2016-03-01						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							
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 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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 573143
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 239
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: Mark Citriglia
ANALYST: Mark Citriglia
NO DISCHARGE INDICATOR:

PARAMETER	CBOD 5 day					
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	27.4					
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	27.4					
Maximum	27.4					
Average	27.4					
Count	1					
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	242
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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				
2016-03-01						
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	0.3604				
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	1.0605				
2016-03-29						
2016-03-30						
2016-03-31						
Minimum	1.0	0.3604				
Maximum	1.0	1.0605				
Average	1	0.71045				
Count	2	2				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-04-19 18:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	573143	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	258
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-03-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-04-19 18:04

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.

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	025
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-04-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579473
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 035
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-04-01						
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	1.0	0.0026				
Average	1	0.0026				
Count	1	1				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	038
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-04-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	040
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		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	When Disch.	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							
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	158					230775	1
Count	1					1	6
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.			Signature of Responsible Official or Authorized Representative			Submission Date/Time
Thomas Madej							2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	040
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-04-01 To: 2016-04-30
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	Mark Citriglia
		NO DISCHARGE INDICATOR:	

PARAMETER	Overflow Volume	CBOD 5 day				
PARAMETER CODE	74063	80082				
UNITS	Million Gallons	mg/l				
FREQUENCY	When Disch.	When Disch.				
SAMPLING TYPE	24hr Total	Grab				
2016-04-01	0.0595					
2016-04-02	0.4203					
2016-04-03	0.0003					
2016-04-04						
2016-04-05						
2016-04-06						
2016-04-07	4.0563					
2016-04-08	0.6238					
2016-04-09	2.0795					
2016-04-10	0.0735					
2016-04-11	11.691	12.6				
2016-04-12	0.3035					
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	1.0613					
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				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	044
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-04-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	045
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-04-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	056
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-04-01 To: 2016-04-30
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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				
2016-04-01						
2016-04-02						
2016-04-03						
2016-04-04						
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				
Average	1	1.10126				
Count	3	5				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	058
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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				
2016-04-01						
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	0.02753				
Count	4	4				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	059
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-04-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	069
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-04-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	072
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-04-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	080
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-04-01 To: 2016-04-30
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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
2016-04-01							
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							1
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							1.0
Maximum							1.0
Average							1
Count							4
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579473
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 080
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB: NEORS
 NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
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						
2016-04-03						
2016-04-04						
2016-04-05						
2016-04-06						
2016-04-07	1.5276					
2016-04-08						
2016-04-09						
2016-04-10						
2016-04-11	0.0324					
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	1.271					
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	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
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579473
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 088
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

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				
2016-04-01						
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		0.09595				
Count		2				
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.			Signature of Responsible Official or Authorized Representative	Submission Date/Time	
Thomas Madej					2016-05-17 16:05	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	200
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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
2016-04-01							
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 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.			Signature of Responsible Official or Authorized Representative			Submission Date/Time
Thomas Madej							2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579473
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 200
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB:
ANALYST:
NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Volume	CBOD 5 day				
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						
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	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
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	202
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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
2016-04-01							
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							
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							1
Count							2
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579473
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 202
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
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						
2016-04-03						
2016-04-04						
2016-04-05						
2016-04-06						
2016-04-07	0.0018					
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						
Minimum	0.0018					
Maximum	0.029					
Average	0.0154					
Count	2					
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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	206
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-04-01 To: 2016-04-30
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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
2016-04-01							
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
2016-04-27							
2016-04-28							
2016-04-29							
2016-04-30							
Minimum							1.0
Maximum							1.0
Average							1
Count							1
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579473
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 206
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
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						
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	0.3423					
2016-04-27						
2016-04-28						
2016-04-29						
2016-04-30						
Minimum	0.3423					
Maximum	0.3423					
Average	0.3423					
Count	1					
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	211
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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				
2016-04-01						
2016-04-02	1	0.12				
2016-04-03						
2016-04-04						
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						
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	0.38				
2016-04-27						
2016-04-28	1	0.09				
2016-04-29						
2016-04-30	1	0.43				
Minimum	1.0	0.02				
Maximum	1.0	0.84				
Average	1	0.3525				
Count	7	8				
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.			Signature of Responsible Official or Authorized Representative	Submission Date/Time	
Thomas Madej					2016-05-17 16:05	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579473
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB: NEORS
ANALYST: NEORS
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
2016-04-01							
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							1
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							1.0
Maximum							1.0
Average							1
Count							4
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579473
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB: NEORS
 NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
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						
2016-04-03						
2016-04-04						
2016-04-05						
2016-04-06						
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						
2016-04-16						
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	0.1627					
2016-04-27						
2016-04-28						
2016-04-29						
2016-04-30	0.0528					
Minimum	0.0528					
Maximum	0.1627					
Average	0.09735					
Count	4					
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579473
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 232
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence per Year	Overflow Volume				
PARAMETER CODE	51709	74063				
UNITS	No./Year	Million Gallons				
FREQUENCY	When Disch.	When Disch.				
SAMPLING TYPE	Total Estimate	Total Estimate				
2016-04-01	AH	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	AH				
2016-04-08	AH	AH				
2016-04-09	AH	AH				
2016-04-10	AH	AH				
2016-04-11	AH	AH				
2016-04-12	AH	AH				
2016-04-13	AH	AH				
2016-04-14	AH	AH				
2016-04-15	AH	AH				
2016-04-16	AH	AH				
2016-04-17	AH	AH				
2016-04-18	AH	AH				
2016-04-19	AH	AH				
2016-04-20	AH	AH				
2016-04-21	AH	AH				
2016-04-22	AH	AH				
2016-04-23	AH	AH				
2016-04-24	AH	AH				
2016-04-25	AH	AH				
2016-04-26	AH	AH				
2016-04-27	AH	AH				
2016-04-28	AH	AH				
2016-04-29	AH	AH				
2016-04-30	AH	AH				
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	239
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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
2016-04-01							
2016-04-02							1
2016-04-03							
2016-04-04							
2016-04-05							
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							1.0
Average							1
Count							8
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579473
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 239
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
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					
Maximum	2.5149					
Average	0.59302					
Count	9					
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	579473	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	242
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-04-01</u> To: <u>2016-04-30</u>
DISTRICT:	NEDO	REPORTING LAB:	
		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				
2016-04-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-05-17 16:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579473
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 258
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB:
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				
2016-04-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-05-17 16:05

232	Overflow Volume	74063	2016-04-30	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.
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Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 025
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-05-01						
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						
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 035
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-05-01						
2016-05-02	1	0.2193				
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	0.0128				
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	1.0	0.2193				
Average	1	0.09328				
Count	3	4				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 038
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-05-01						
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						
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 040
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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							
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							5
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 040
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
PARAMETER CODE	74063	80082				
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						
2016-05-28						
2016-05-29	1.4338					
2016-05-30						
2016-05-31						
Minimum	0.2743					
Maximum	6.812					
Average	2.33221					
Count	7					

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 044
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-05-01						
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						
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 045
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-05-01						
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	1	0.53				
Count	1	1				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 056
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-05-01						
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	1.0	1.8382				
Average	1	0.94625				
Count	2	2				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 058
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-05-01						
2016-05-02	1	13.5165				
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	3.1630				
2016-05-14						
2016-05-15	1	2.4800				
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	0.2813				
2016-05-30						
2016-05-31						
Minimum	1.0	0.2813				
Maximum	1.0	13.5165				
Average	1	4.8602				
Count	4	4				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 059
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-05-01						
2016-05-02	1	0.1664				
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	0.05616				
2016-05-13		0.00767				
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	0.32383				
2016-05-30						
2016-05-31						
Minimum	1.0	0.00767				
Maximum	1.0	0.32383				
Average	1	0.13852				
Count	3	4				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 069
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-05-01						
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						
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 072
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-05-01						
2016-05-02	1	0.4545				
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	0.0338				
2016-05-30						
2016-05-31						
Minimum	1.0	0.0338				
Maximum	1.0	0.4545				
Average	1	0.24415				
Count	2	2				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 080
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORS
ANALYST: NEORS
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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 080
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
PARAMETER CODE	74063	80082				
UNITS	Million Gallons	mg/l				
FREQUENCY	When Disch.	When Disch.				
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					
2016-05-14	0.0027					
2016-05-15	0.108					
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	1.711					
2016-05-30						
2016-05-31						
Minimum	0.0027					
Maximum	2.8996					
Average	0.93454					
Count	7					

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 088
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

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		0.10605				
Count		4				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 200
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORS
ANALYST: NEORS
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							
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							1
2016-05-30							
2016-05-31							
Minimum							1.0
Maximum							1.0
Average							1
Count							1
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 200
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
PARAMETER CODE	74063	80082				
UNITS	Million Gallons	mg/l				
FREQUENCY	When Disch.	When Disch.				
SAMPLING TYPE	24hr Total	Grab				
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	4.6118					
2016-05-30						
2016-05-31						
Minimum	4.6118					
Maximum	4.6118					
Average	4.6118					
Count	1					

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 202
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORS
ANALYST: NEORS
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							
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							1.0
Maximum							1.0
Average							1
Count							3
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 202
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
PARAMETER CODE	74063	80082				
UNITS	Million Gallons	mg/l				
FREQUENCY	When Disch.	When Disch.				
SAMPLING TYPE	24hr Total	Grab				
2016-05-01						
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	2.3368					
Average	1.3668					
Count	3					
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	586593	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave	STATION CODE:	206
	CLEVELAND, OH 44115	MONITORING PERIOD :	2016-05-01 To: 2016-05-31
COUNTY:	Cuyahoga	REPORTING LAB:	NEORSD
DISTRICT:	NEDO	ANALYST:	NEORSD
		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							
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							1.0
Average							1
Count							1
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 206
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
PARAMETER CODE	74063	80082				
UNITS	Million Gallons	mg/l				
FREQUENCY	When Disch.	When Disch.				
SAMPLING TYPE	24hr Total	Grab				
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	1.5677					
Average	1.5677					
Count	1					
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 211
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-05-01	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						
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	0.42				
2016-05-30						
2016-05-31						
Minimum	1.0	0.238				
Maximum	1.0	1.484				
Average	1	0.6475				
Count	4	4				

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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							
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							1.0
Maximum							1.0
Average							1
Count							4
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
PARAMETER CODE	74063	80082				
UNITS	Million Gallons	mg/l				
FREQUENCY	When Disch.	When Disch.				
SAMPLING TYPE	24hr Total	Grab				
2016-05-01						
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	0.7426					
Average	0.25826					
Count	5					

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 232
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Occurrence per Year	Overflow Volume				
PARAMETER CODE	51709	74063				
UNITS	No./Year	Million Gallons				
FREQUENCY	When Disch.	When Disch.				
SAMPLING TYPE	Total Estimate	Total Estimate				
2016-05-01	AH	AH				
2016-05-02	AH	AH				
2016-05-03	AH	AH				
2016-05-04	AH	AH				
2016-05-05	AH	AH				
2016-05-06	AH	AH				
2016-05-07	AH	AH				
2016-05-08	AH	AH				
2016-05-09	AH	AH				
2016-05-10	AH	AH				
2016-05-11	AH	AH				
2016-05-12	AH	AH				
2016-05-13	AH	AH				
2016-05-14	AH	AH				
2016-05-15	AH	AH				
2016-05-16	AH	AH				
2016-05-17	AH	AH				
2016-05-18	AH	AH				
2016-05-19	AH	AH				
2016-05-20	AH	AH				
2016-05-21	AH	AH				
2016-05-22	AH	AH				
2016-05-23	AH	AH				
2016-05-24	AH	AH				
2016-05-25	AH	AH				
2016-05-26	AH	AH				
2016-05-27	AH	AH				
2016-05-28	AH	AH				
2016-05-29	AH	AH				
2016-05-30	AH	AH				
2016-05-31	AH	AH				
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 239
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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							
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							5
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej							

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 239
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
PARAMETER CODE	74063	80082				
UNITS	Million Gallons	mg/l				
FREQUENCY	When Disch.	When Disch.				
SAMPLING TYPE	24hr Total	Grab				
2016-05-01	0.5852					
2016-05-02	4.2454					
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	0.0729					
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					
Maximum	4.2454					
Average	0.84089					
Count	7					

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej			2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 586593
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 242
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: NEORSD
ANALYST: NEORSD
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				
2016-05-01						
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						
2016-05-29						
2016-05-30						
2016-05-31						
Minimum	1.0	0.2249				
Maximum	1.0	0.5955				
Average	1	0.4102				
Count	2	2				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	586593	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave	STATION CODE:	258
	CLEVELAND, OH 44115	MONITORING PERIOD :	2016-05-01 To: 2016-05-31
COUNTY:	Cuyahoga	REPORTING LAB:	NEORSD
DISTRICT:	NEDO	ANALYST:	NEORSD
		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				
2016-05-01						
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						
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-06-17 08:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

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

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.

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 025
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-06-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	594503	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	035
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-06-01</u> To: <u>2016-06-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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						
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	1.0	0.0653				
Average	1	0.0446				
Count	2	2				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 038
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-06-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 040
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: Mark Citriglia
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	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-06-01							
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	1
Count	1	1	1	1	1	1	2
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.			Signature of Responsible Official or Authorized Representative			Submission Date/Time
Thomas Madej							2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 040
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: Mark Citriglia
ANALYST: Mark Citriglia
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
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						
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						
2016-06-24						
2016-06-25						
2016-06-26						
2016-06-27						
2016-06-28						
2016-06-29						
2016-06-30						
Minimum	0.4378	72.0				
Maximum	1.7075	72.0				
Average	1.07265	72				
Count	2	1				
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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 044
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-06-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 045
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-06-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 056
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
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						
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						
2016-06-28						
2016-06-29						
2016-06-30						
Minimum	1.0	2.0E-4				
Maximum	1.0	0.1732				
Average	1	0.0867				
Count	2	2				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 058
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
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						
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						
2016-06-28						
2016-06-29						
2016-06-30						
Minimum	1.0	0.2823				
Maximum	1.0	2.7355				
Average	1	1.5089				
Count	2	2				
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 059
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-06-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	594503	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	069
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-06-01</u> To: <u>2016-06-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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				
2016-06-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 072
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-06-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 080
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: Mark Citriglia
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	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.	When Disch.
SAMPLING TYPE	Grab	Grab	Grab	Grab	Grab	Grab	Total
2016-06-01							
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	49	1.631	4.532	0.834	0.616	487100	1
Count	1	1	1	1	1	1	2
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.			Signature of Responsible Official or Authorized Representative			Submission Date/Time
Thomas Madej							2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 080
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: Mark Citriglia
ANALYST: Mark Citriglia
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
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						
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				
Average	0.8392	37.5				
Count	2	1				
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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 088
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

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				
2016-06-01						
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						
2016-06-14						
2016-06-15						
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						
2016-06-29						
2016-06-30						
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 200
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR: AL

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
2016-06-01							
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 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.			Signature of Responsible Official or Authorized Representative			Submission Date/Time
Thomas Madej							2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 200
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Volume	CBOD 5 day				
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						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	594503	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	202
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-06-01</u> To: <u>2016-06-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		NO DISCHARGE INDICATOR:	AL

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
2016-06-01							
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Thomas Madej						2016-07-19 11:07	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 202
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Volume	CBOD 5 day				
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						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 206
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR: AL

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
2016-06-01							
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Thomas Madej						2016-07-19 11:07	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	594503	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	206
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-06-01</u> To: <u>2016-06-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		NO DISCHARGE INDICATOR:	AL

PARAMETER	Overflow Volume	CBOD 5 day				
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						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 211
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORSD
ANALYST: NEORSD
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						
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	1	1				
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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR: AL

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
2016-06-01							
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Thomas Madej						2016-07-19 11:07	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 218
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR: AL

PARAMETER	Overflow Volume	CBOD 5 day				
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						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	594503	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	232
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-06-01</u> To: <u>2016-06-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORSD
		ANALYST:	NEORSD
		NO DISCHARGE INDICATOR:	

PARAMETER	Overflow Occurrence per Year	Overflow Volume				
PARAMETER CODE	51709	74063				
UNITS	No./Year	Million Gallons				
FREQUENCY	When Disch.	When Disch.				
SAMPLING TYPE	Total Estimate	Total Estimate				
2016-06-01	AH	AH				
2016-06-02	AH	AH				
2016-06-03	AH	AH				
2016-06-04	AH	AH				
2016-06-05	AH	AH				
2016-06-06	AH	AH				
2016-06-07	AH	AH				
2016-06-08	AH	AH				
2016-06-09	AH	AH				
2016-06-10	AH	AH				
2016-06-11	AH	AH				
2016-06-12	AH	AH				
2016-06-13	AH	AH				
2016-06-14	AH	AH				
2016-06-15	AH	AH				
2016-06-16	AH	AH				
2016-06-17	AH	AH				
2016-06-18	AH	AH				
2016-06-19	AH	AH				
2016-06-20	AH	AH				
2016-06-21	AH	AH				
2016-06-22	AH	AH				
2016-06-23	AH	AH				
2016-06-24	AH	AH				
2016-06-25	AH	AH				
2016-06-26	AH	AH				
2016-06-27	AH	AH				
2016-06-28	AH	AH				
2016-06-29	AH	AH				
2016-06-30	AH	AH				
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative	Submission Date/Time	
Thomas Madej					2016-07-19 11:07	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	594503	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	239
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-06-01</u> To: <u>2016-06-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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
2016-06-01							
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							
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							1.0
Average							1
Count							4
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.			Signature of Responsible Official or Authorized Representative			Submission Date/Time
Thomas Madej							2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 239
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
NO DISCHARGE INDICATOR:

PARAMETER	Overflow Volume	CBOD 5 day				
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						
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					
Average	0.12596					
Count	5					
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	594503	STATUS:	Original
FACILITY:	Northeast Ohio Regional SD	PERMIT NUMBER:	3PA00002*HD
LOCATION:	3826 Euclid Ave CLEVELAND, OH 44115	STATION CODE:	242
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-06-01</u> To: <u>2016-06-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORS
		ANALYST:	NEORS
		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				
2016-06-01						
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 594503
FACILITY: Northeast Ohio Regional SD
LOCATION: 3826 Euclid Ave
 CLEVELAND, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PA00002*HD
STATION CODE: 258
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS
ANALYST: NEORS
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				
2016-06-01						
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 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.				Signature of Responsible Official or Authorized Representative	Submission Date/Time
Thomas Madej						2016-07-19 11:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

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

PERMIT NUMBER: 3PA00002*HD
MONITORING PERIOD : 2016-06-01 To: 2016-06-30

PARAMETER COMMENTS:

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 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.

CSO & Stream Assessment Annual Report

2015



Northeast Ohio Regional Sewer District

COMBINED SEWER OVERFLOW & STREAM ASSESSMENT ANNUAL REPORT

2015

NPDES PERMIT 3PA00002*GD

April 21, 2016

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Attachments

A	2015 Observed Rainfall Statistics by District Rain Gauge
B	Thiessen Polygon Tool in ArcGIS to Spatially Distribute Rain Gauge Data
C	2015 Qualitative Habitat Evaluation Index Sheets
D	2015 Macroinvertebrate Field Sheets
E	2015 Fish Data Sheets
F	2015 Water Chemistry Results
G	2015 Surface Water Condition Sampling Field Sheets

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.

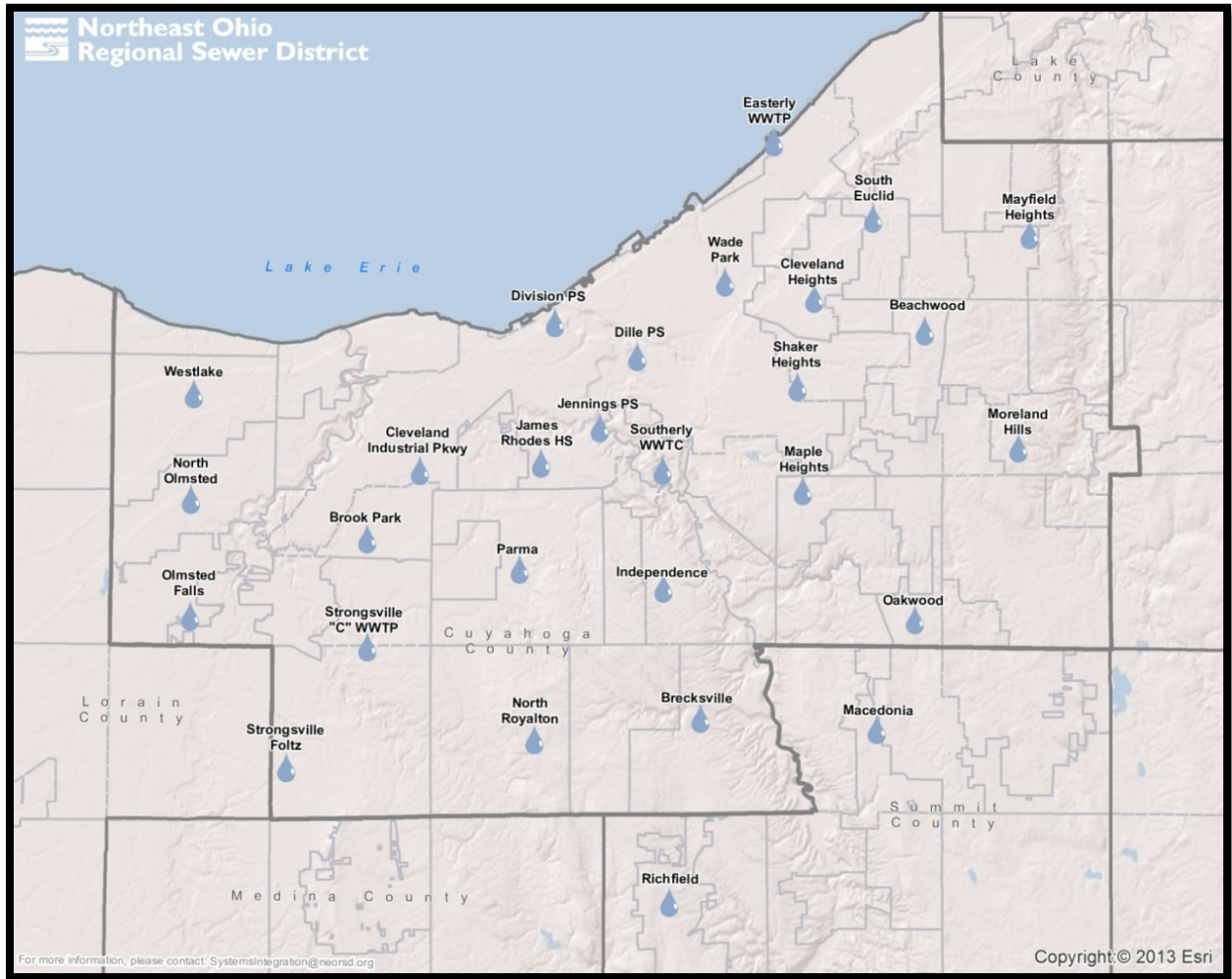


Figure 1. NEORSD's Rain Gauge Network

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

Rain Gauge	Total Rainfall Depth (in)	Rainfall 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. Rain gauge was removed from service on 12/11/2015 due to building construction.

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

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.

Table 2. District's Baseline Condition Models

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

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 & Reporting

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

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

Outfall Name	Baseline Conditions Model	Model-Estimated		Monitored		Annual Total	
		# 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	AH	AH	AH	AH	AH	AH
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

Outfall Name	Baseline Conditions Model	Model-Estimated		Monitored		Annual Total	
		# of Overflows	Volume (MG)	# of Overflows	Volume (MG)	# of Overflows	Volume (MG)
CSO 069¹	Westerly	N/A	N/A	3	6.5	3	6.5
CSO 071	Westerly	0	0	N/A	N/A	0	0
CSO 072¹	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 080¹	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 200¹	Easterly	18	32.5	36	82.2	54	114.7
CSO 201	Easterly	32	23.3	N/A	N/A	32	23.3
CSO 202¹	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

Outfall Name	Baseline Conditions Model	Model-Estimated		Monitored		Annual Total	
		# 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

Outfall Name	Baseline Conditions Model	Model-Estimated		Monitored		Annual Total	
		# 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 258¹	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.

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

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

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

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

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.

- 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.

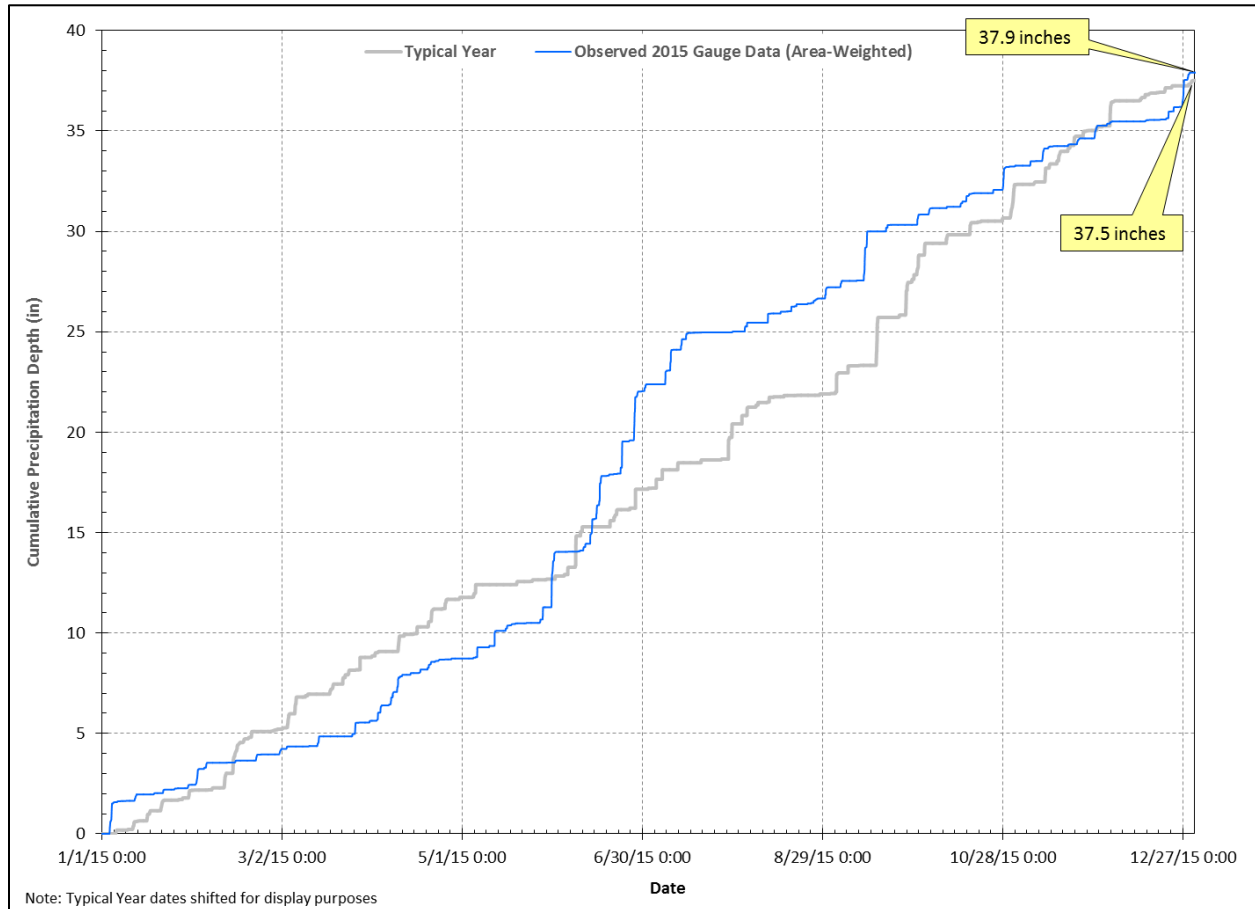


Figure 2. Comparison of Cumulative Precipitation Depth

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.

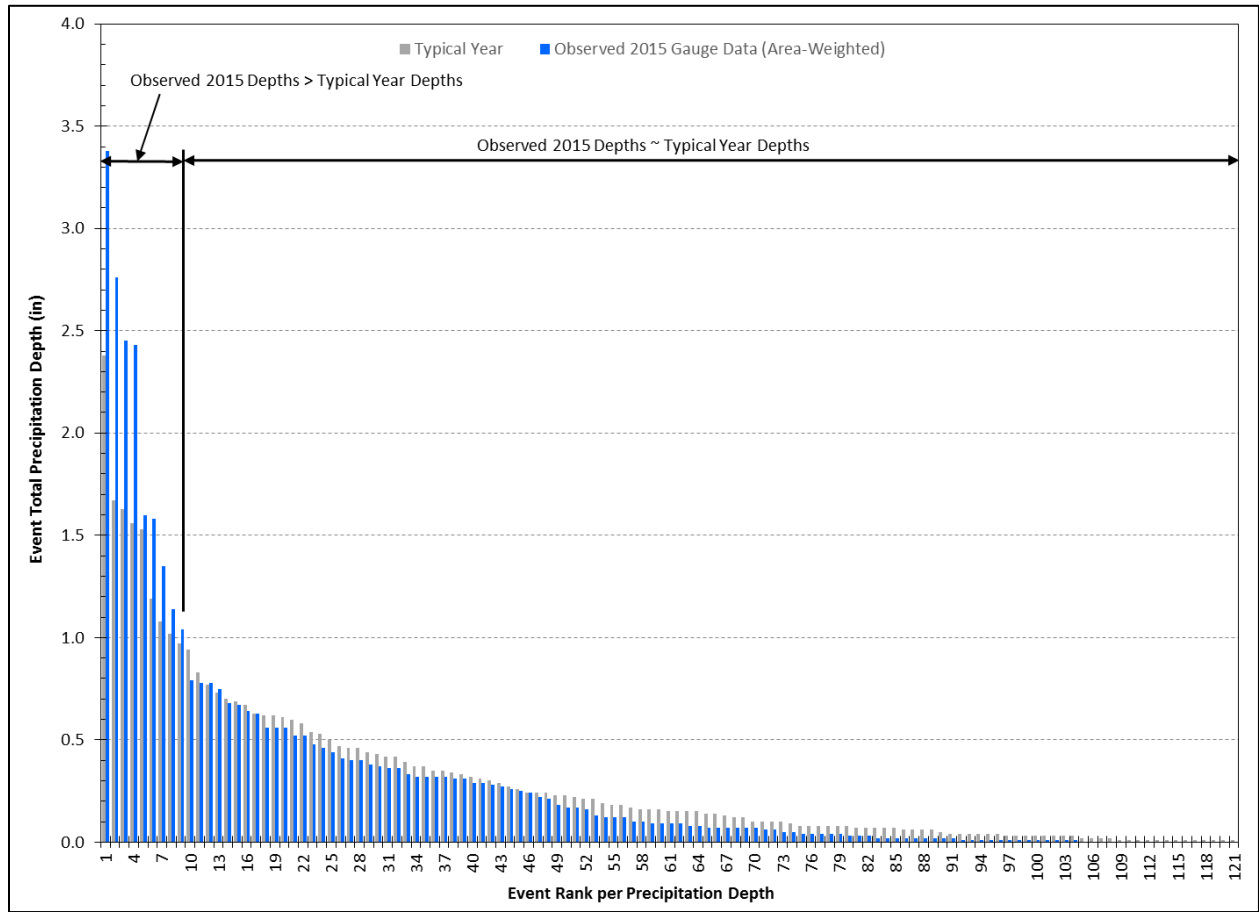


Figure 3. Precipitation Events Ranked by Total Depth

The peak hourly intensity per event was also ranked and compared between the observed, area-weighted 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.

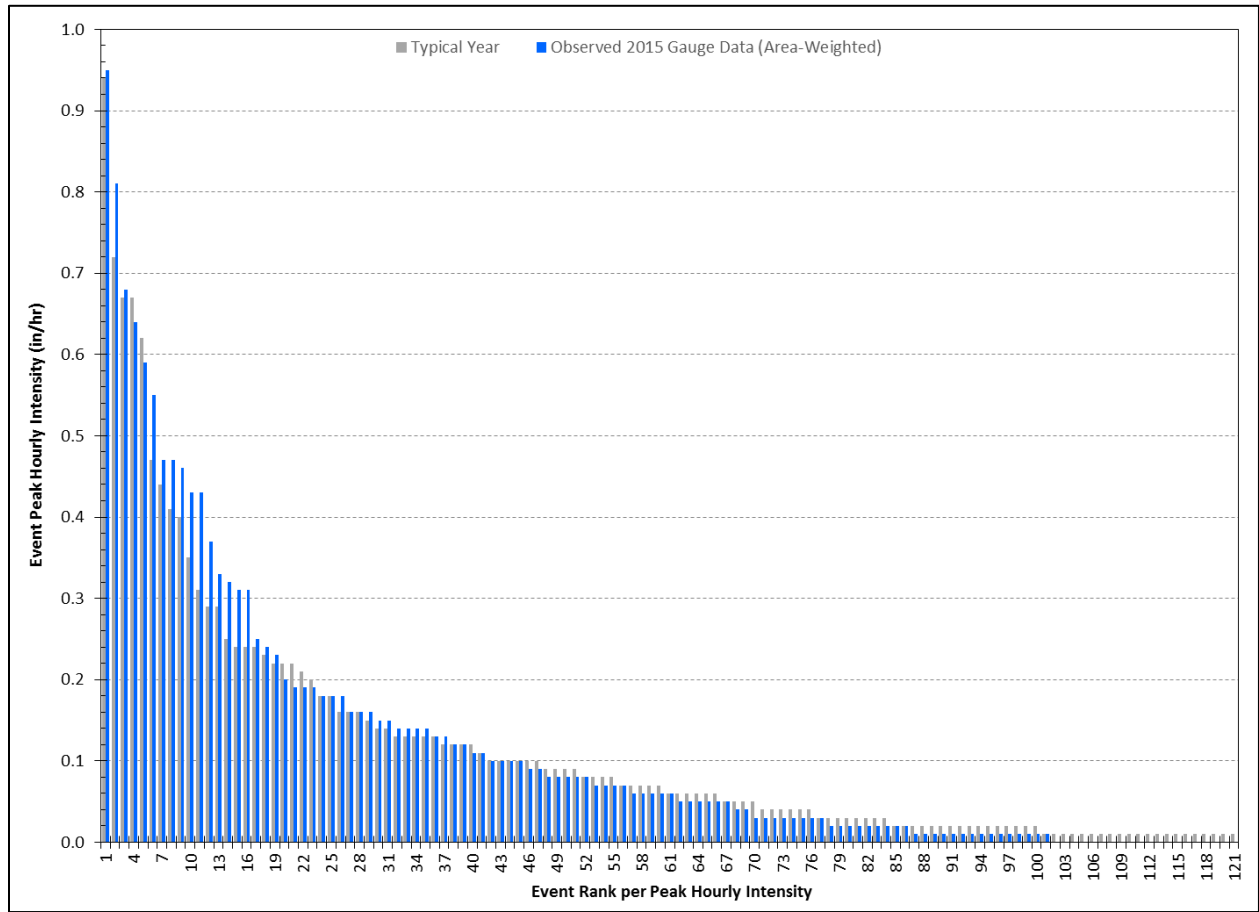


Figure 4. Precipitation Events Ranked by Peak Hourly Intensity

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.

Table 6. Typical Year CSO Volumes & Activations

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

Outfall Name	# of Overflows	Volume (MG)	Baseline 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

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

Outfall Name	# of Overflows	Volume (MG)	Baseline Conditions Model
CSO 215	0	0	Easterly
CSO 216	0	0	Easterly
CSO 217	39	5.8	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	

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.

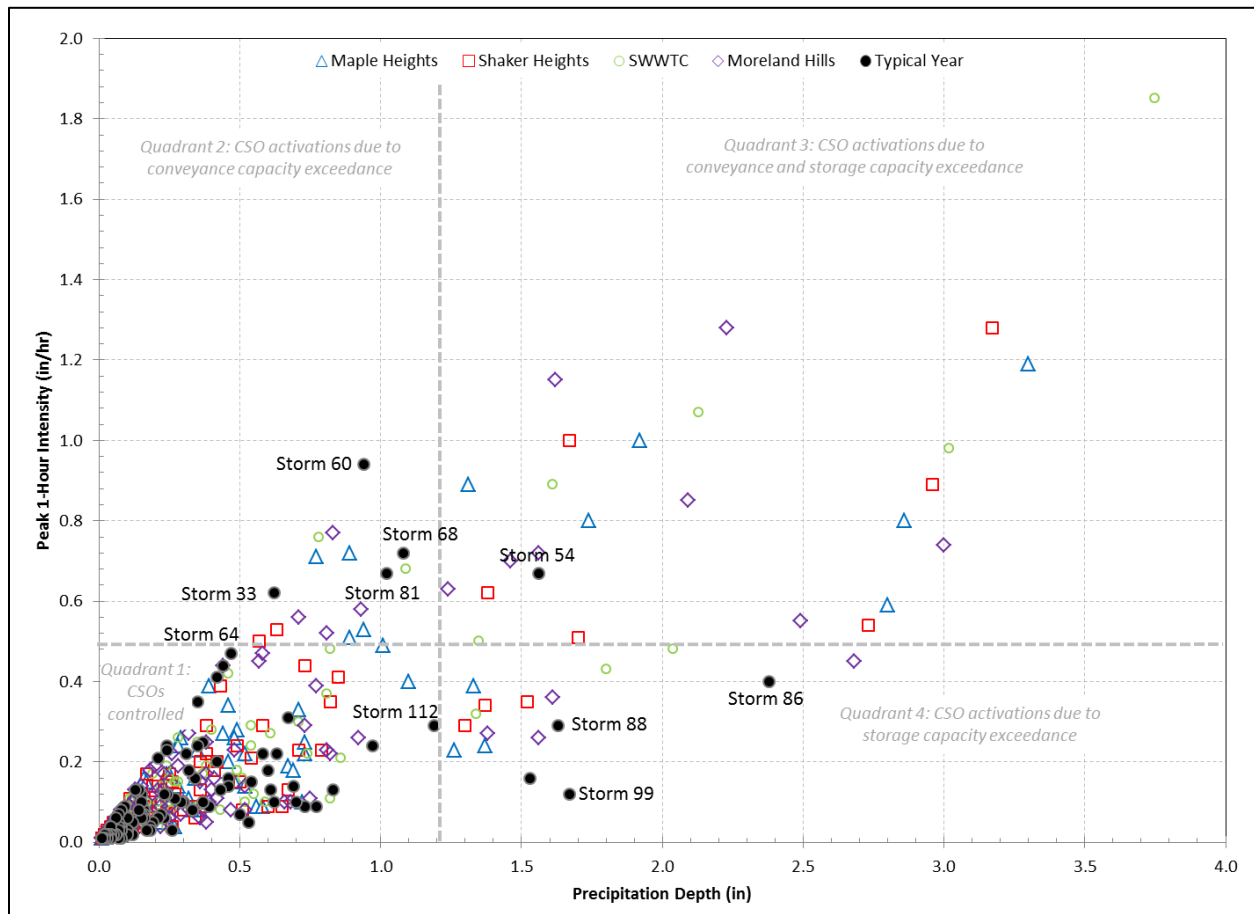


Figure 5. Comparison of 2015 Precipitation Events in the Mill Creek Service Area to District’s Typical Year Storms

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

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.

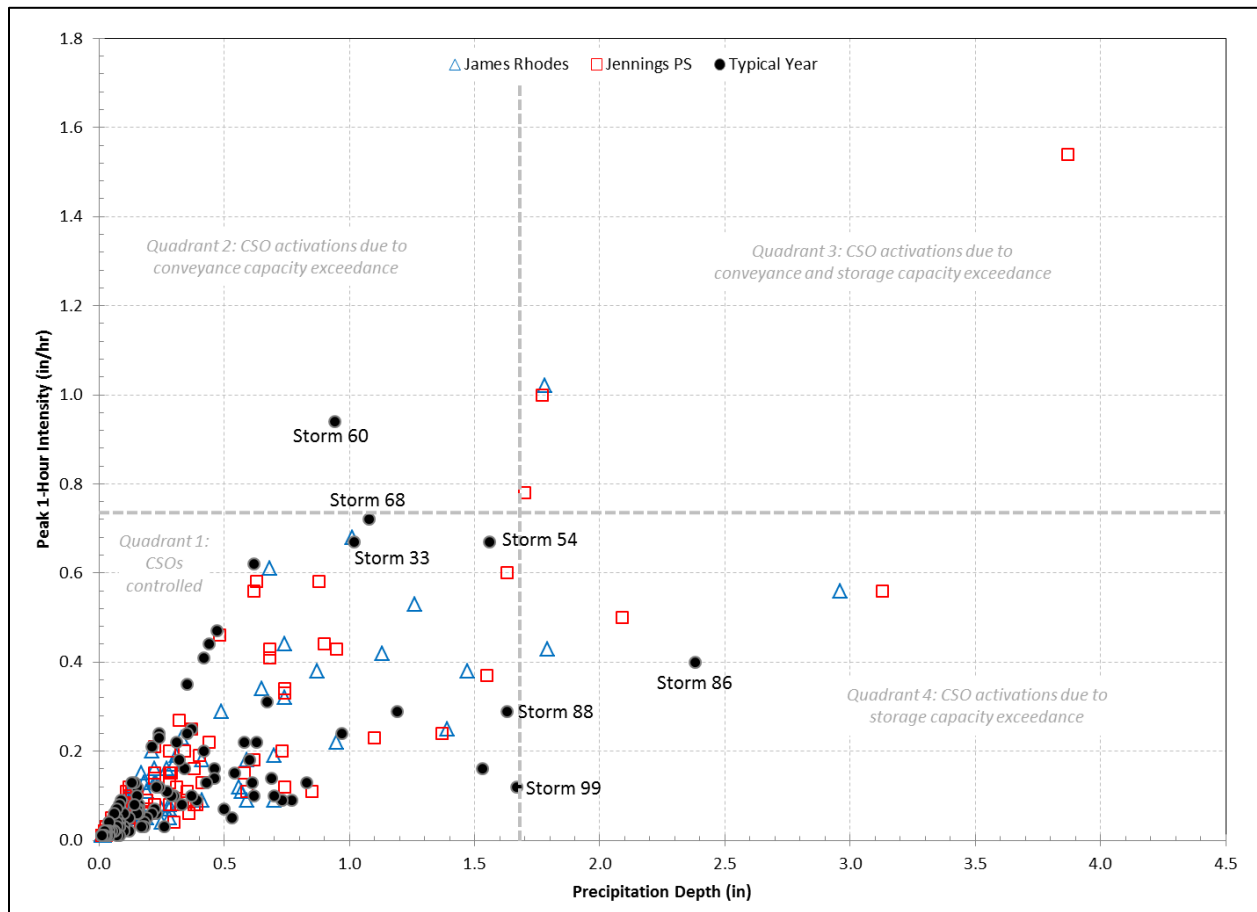


Figure 6. Comparison of 2015 Precipitation Events in the CM24/CSO063RCS Service Area to District’s Typical Year Storms

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

- 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 Creek**. 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.

Table 7. 2015 Biological & Habitat Results

Stream	Site	IBI		MIwb		ICI		QHEI	
		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	Fair ⁴	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

Attachment A
2015 Observed Rainfall Statistics
by District Rain Gauge

Beachwood Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:55	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

Beachwood Rain Gauge					
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

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

Brecksville Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:45	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

Brecksville Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
42	4/27/2015 8:10	0.09	3.25	0.06	2.1
43	4/30/2015 22:30	0.02	1.17	0.01	3.5
44	5/4/2015 16:55	0.11	1.17	0.10	3.7
45	5/5/2015 7:20	0.02	7.92	0.01	0.6
46	5/10/2015 8:35	0.02	0.42	0.02	4.7
47	5/15/2015 9:45	0.13	22.42	0.08	5.0
48	5/17/2015 8:05	0.01	0.08	0.01	1.0
49	5/26/2015 19:15	0.14	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	0.7
55	6/18/2015 6:15	0.01	0.08	0.01	1.9
56	6/18/2015 20:15	0.09	1.92	0.06	0.6
57	6/20/2015 9:00	0.08	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

Brecksville Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
83	9/28/2015 6:35	0.01	0.08	0.01	8.6
84	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

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

Brook Park Rain Gauge					
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

Brook Park Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Cleveland Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:50	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

Cleveland Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent 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

Cleveland Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Cleveland Industrial Parkway 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	1.65	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

Cleveland Industrial Parkway Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Cleveland Industrial Parkway Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Dille Ave PS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:30	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

Dille Ave PS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent 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

Dille Ave PS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Division Ave PS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:20	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

Division Ave PS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
42	5/15/2015 9:05	0.24	13.08	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	5/22/2015 7:05	0.01	0.08	0.01	1.2
46	5/26/2015 23:50	0.08	3.08	0.07	4.7
47	5/27/2015 18:20	0.43	4.83	0.24	0.6
48	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	0.02	0.50	0.02	3.4
51	6/9/2015 4:00	0.04	1.83	0.02	0.6
52	6/10/2015 7:15	0.23	26.67	0.10	1.1
53	6/12/2015 14:40	0.18	20.08	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 13:35	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 16:10	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

Division Ave PS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent 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	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	0.06	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
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
114	12/28/2015 11:00	0.47	19.17	0.13	0.9

Easterly WWTP Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:35	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

Easterly WWTP Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Easterly WWTP Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Independence Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:45	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

Independence Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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	6/29/2015 19:10	0.07	2.75	0.06	1.2
65	6/30/2015 16:10	1.39	10.75	1.04	0.8
66	7/7/2015 14:40	0.59	11.50	0.39	6.5
67	7/9/2015 5:45	0.98	10.67	0.59	1.2
68	7/10/2015 10:15	0.01	0.08	0.01	0.7
69	7/12/2015 17:45	0.46	11.17	0.20	2.3
70	7/14/2015 14:00	0.46	18.00	0.33	1.4
71	7/17/2015 9:10	0.03	11.83	0.02	2.1
72	7/19/2015 18:05	0.01	0.08	0.01	1.9
73	7/21/2015 10:05	0.04	0.17	0.04	1.7
74	7/29/2015 20:50	0.02	0.17	0.02	8.4
75	8/3/2015 2:25	0.13	3.83	0.08	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

Independence Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

James Rhodes HS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

James Rhodes HS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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	8/3/15 1:45	0.01	0.08	0.01	4.2
69	8/14/15 23:40	0.09	8.33	0.06	11.9
70	8/18/15 14:00	0.21	2.92	0.20	3.3
71	8/19/15 18:00	0.01	0.08	0.01	1.0
72	8/20/15 7:10	0.07	0.25	0.07	0.5
73	8/23/15 23:30	0.01	0.08	0.01	3.7
74	8/25/15 23:55	0.13	18.67	0.05	2.0
75	8/27/15 7:50	0.01	0.08	0.01	0.6
76	8/30/15 1:00	0.31	9.25	0.19	2.7
77	9/3/15 23:55	0.49	8.67	0.29	4.6
78	9/9/15 8:05	0.04	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	0.41	13.00	0.09	3.1

James Rhodes HS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Jennings PS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:40	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

Jennings PS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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	3.87	32.42	1.54	2.7
53	6/9/2015 4:05	0.09	2.17	0.05	8.1
54	6/10/2015 7:00	0.41	22.17	0.13	1.0
55	6/12/2015 14:40	1.70	17.08	0.78	1.4
56	6/14/2015 4:25	0.88	17.17	0.58	0.9
57	6/15/2015 12:55	1.63	24.75	0.60	0.6
58	6/18/2015 2:50	0.12	19.33	0.07	1.6
59	6/20/2015 9:35	0.03	0.25	0.03	1.5
60	6/22/2015 17:40	1.77	14.58	1.00	2.3
61	6/25/2015 13:35	0.03	1.67	0.02	2.2
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

Jennings PS Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Macedonia Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:35	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

Macedonia Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Macedonia Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Maple Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:50	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

Maple Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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	7/17/2015 9:20	0.01	0.08	0.01	2.1
70	7/29/2015 20:55	0.02	0.17	0.02	12.5
71	8/3/2015 2:15	0.09	4.08	0.05	4.2
72	8/10/2015 14:20	1.31	5.75	0.89	7.3
73	8/16/2015 20:10	0.16	0.83	0.16	6.0
74	8/18/2015 14:50	0.39	0.58	0.39	1.7
75	8/20/2015 7:35	0.09	1.58	0.08	1.7
76	8/24/2015 1:25	0.01	0.08	0.01	3.7
77	8/25/2015 4:35	0.01	0.08	0.01	1.1
78	8/26/2015 0:00	0.22	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	0.46	11.33	0.34	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

Maple Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Mayfield Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:55	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	0.10	2.83	0.09	11.0
24	3/26/2015 6:05	0.52	6.83	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	4/2/2015 11:40	0.53	11.50	0.41	2.1
28	4/3/2015 16:30	0.40	11.17	0.13	0.7
29	4/6/2015 11:35	0.62	50.92	0.13	2.3
30	4/9/2015 6:50	0.78	26.08	0.28	0.7
31	4/10/2015 22:50	0.13	2.67	0.09	0.6
32	4/13/2015 18:00	0.07	2.17	0.05	2.7
33	4/16/2015 11:20	0.27	15.08	0.13	2.6
34	4/19/2015 10:25	0.59	27.08	0.22	2.3
35	4/22/2015 0:10	0.06	2.33	0.03	1.4
36	4/22/2015 23:05	0.02	0.58	0.02	0.9
37	4/27/2015 7:50	0.06	1.50	0.05	4.3
38	4/30/2015 22:20	0.01	0.08	0.01	3.5
39	5/4/2015 16:50	0.07	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

Mayfield Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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	0.02	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	0.03	0.75	0.03	1.2
50	5/22/2015 6:30	0.05	0.83	0.05	3.6
51	5/26/2015 19:40	0.24	5.08	0.19	4.5
52	5/27/2015 18:30	0.83	4.50	0.50	0.7
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	6/22/2015 17:55	1.21	12.67	0.86	1.1
64	6/25/2015 15:15	0.04	13.75	0.02	2.4
65	6/27/2015 3:00	2.20	32.58	0.52	0.9
66	6/29/2015 22:25	0.03	2.17	0.02	1.5
67	6/30/2015 16:45	0.47	13.42	0.18	0.7
68	7/7/2015 15:00	0.86	11.00	0.56	6.4
69	7/9/2015 5:45	0.96	10.83	0.48	1.2
70	7/12/2015 19:55	0.34	7.92	0.15	3.1
71	7/14/2015 12:35	0.75	18.42	0.50	1.4
72	7/17/2015 9:05	0.02	0.17	0.02	2.1
73	7/29/2015 20:55	0.07	4.17	0.05	12.5
74	8/3/2015 1:55	0.12	4.58	0.07	4.0
75	8/3/2015 20:25	0.31	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

Mayfield Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Moreland Hills Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:45	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	3/25/2015 6:45	0.14	3.50	0.09	10.9
26	3/26/2015 6:10	0.52	8.33	0.14	0.8
27	3/27/2015 6:15	0.03	10.67	0.01	0.7
28	3/30/2015 1:35	0.01	0.08	0.01	2.4
29	3/31/2015 3:05	0.12	5.92	0.10	1.1
30	4/2/2015 11:45	0.38	11.33	0.25	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	0.22	2.4
33	4/9/2015 6:50	0.81	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	0.13	2.08	0.11	2.6
37	4/17/2015 1:35	0.13	0.92	0.13	0.5
38	4/19/2015 10:05	0.92	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	0.11	3.58	0.07	4.0
41	4/30/2015 21:50	0.01	0.08	0.01	3.4

Moreland Hills Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Moreland Hills Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
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 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	0.02	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
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
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
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
118	12/28/2015 12:10	0.39	19.33	0.10	0.9

North Olmsted Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:00	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

North Olmsted Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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	5/26/2015 23:35	0.41	23.42	0.17	8.3
50	5/30/2015 18:20	2.02	26.83	0.67	2.8
51	6/8/2015 14:35	0.01	0.08	0.01	7.7
52	6/10/2015 6:45	0.17	4.92	0.09	1.7
53	6/12/2015 15:30	1.13	16.25	0.58	2.2
54	6/14/2015 4:05	0.46	17.58	0.29	0.9
55	6/15/2015 14:10	1.23	18.08	0.68	0.7
56	6/18/2015 19:00	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	0.04	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	0.03	3.33	0.02	0.6
64	7/7/2015 14:45	0.44	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

North Olmsted Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

North Royalton Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:40	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

North Royalton Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
42	4/30/2015 23:40	0.01	0.08	0.01	3.6
43	5/4/2015 17:05	0.05	0.67	0.05	3.7
44	5/5/2015 12:30	0.01	0.08	0.01	0.8
45	5/9/2015 23:20	0.07	9.33	0.04	4.5
46	5/11/2015 18:40	0.52	4.92	0.40	1.4
47	5/15/2015 9:35	0.11	11.42	0.08	3.4
48	5/17/2015 7:00	0.01	0.08	0.01	1.4
49	5/18/2015 14:30	0.02	0.17	0.02	1.3
50	5/26/2015 19:05	0.19	6.33	0.11	8.2
51	5/27/2015 18:40	0.52	7.75	0.28	0.7
52	5/30/2015 12:10	4.07	36.58	0.96	2.4
53	6/10/2015 7:30	0.14	4.00	0.12	9.3
54	6/12/2015 14:35	0.78	16.83	0.41	2.1
55	6/14/2015 2:55	0.59	19.25	0.47	0.8
56	6/15/2015 14:55	1.19	18.25	0.52	0.7
57	6/18/2015 5:55	0.24	16.25	0.16	1.9
58	6/20/2015 9:00	0.06	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	0.37	12.42	0.26	1.0
61	6/25/2015 12:45	0.02	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	0.19	1.25	0.18	0.8
65	7/1/2015 10:00	0.01	0.08	0.01	0.7
66	7/7/2015 15:05	0.38	6.08	0.28	6.2
67	7/9/2015 5:50	0.92	24.08	0.58	1.4
68	7/12/2015 21:05	0.05	5.75	0.03	2.6
69	7/14/2015 14:20	0.44	18.83	0.16	1.5
70	7/17/2015 9:00	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	0.08	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

North Royalton Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Oakwood Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:40	1.46	33.08	0.30	2.5
2	1/6/2015 2:05	0.04	2.50	0.02	1.2
3	1/7/2015 6:05	0.01	0.08	0.01	1.1
4	1/8/2015 21:45	0.02	4.08	0.01	1.7
5	1/11/2015 20:05	0.24	16.67	0.04	2.8
6	1/18/2015 6:20	0.05	5.75	0.02	5.7
7	1/20/2015 10:55	0.01	0.08	0.01	2.0
8	1/21/2015 7:05	0.15	7.83	0.06	0.8
9	1/24/2015 17:55	0.04	11.58	0.03	3.1
10	1/25/2015 21:15	0.05	11.75	0.02	0.7
11	1/29/2015 11:05	0.16	19.75	0.04	3.1
12	2/1/2015 3:35	0.60	20.75	0.09	1.9
13	2/3/2015 23:40	0.07	3.17	0.04	2.0
14	2/4/2015 15:45	0.18	6.50	0.08	0.5
15	2/8/2015 22:30	0.07	1.92	0.05	4.0
16	2/11/2015 21:25	0.03	1.58	0.02	2.9
17	2/14/2015 8:20	0.06	5.50	0.02	2.4
18	2/21/2015 6:55	0.22	8.50	0.07	6.7
19	3/1/2015 1:00	0.28	16.08	0.04	7.4
20	3/3/2015 10:15	0.11	8.25	0.06	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

Oakwood Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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	7/7/2015 16:00	0.35	9.75	0.19	6.6
69	7/9/2015 6:05	0.79	21.92	0.54	1.2
70	7/12/2015 18:30	0.78	10.25	0.32	2.6
71	7/14/2015 14:15	0.97	11.83	0.75	1.4
72	7/17/2015 9:25	0.14	12.17	0.10	2.3
73	7/19/2015 18:20	0.02	0.25	0.02	1.9
74	7/21/2015 10:25	0.01	0.08	0.01	1.7
75	7/29/2015 20:55	0.03	0.25	0.03	8.4
76	8/3/2015 6:10	0.01	0.08	0.01	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	0.02	0.17	0.02	3.6
80	8/26/2015 0:40	0.13	32.58	0.04	2.0
81	8/29/2015 18:35	0.22	16.42	0.12	2.4
82	9/4/2015 0:35	0.16	8.42	0.11	4.6

Oakwood Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Olmsted Falls Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:10	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	3/31/2015 2:45	0.04	0.75	0.04	1.1
30	4/2/2015 11:45	0.29	10.75	0.21	2.3
31	4/3/2015 16:05	0.37	10.67	0.15	0.7
32	4/6/2015 12:35	0.48	35.83	0.19	2.4
33	4/9/2015 6:50	0.66	25.92	0.25	1.3
34	4/10/2015 22:50	0.03	0.67	0.03	0.6
35	4/13/2015 17:35	0.12	1.92	0.08	2.8
36	4/16/2015 23:20	0.11	14.42	0.07	3.2
37	4/19/2015 19:35	0.22	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	0.01	0.08	0.01	1.3
40	4/25/2015 3:15	0.12	3.00	0.05	1.8
41	4/27/2015 8:20	0.03	0.75	0.03	2.1

Olmsted Falls Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Olmsted Falls Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Parma Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:35	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

Parma Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Parma Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Richfield Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:35	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

Richfield Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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
44	5/11/2015 19:00	0.29	7.83	0.16	1.7
45	5/15/2015 9:50	0.11	29.17	0.06	3.3
46	5/17/2015 5:15	0.02	1.75	0.01	0.6
47	5/18/2015 14:50	0.02	0.17	0.02	1.3
48	5/26/2015 19:05	0.57	5.17	0.33	8.2
49	5/27/2015 19:55	0.98	10.58	0.77	0.8
50	5/30/2015 13:15	2.96	32.08	0.78	2.3
51	6/10/2015 7:50	0.03	0.17	0.03	9.4
52	6/12/2015 14:40	0.61	16.92	0.37	2.3
53	6/13/2015 20:05	0.46	26.33	0.36	0.5
54	6/15/2015 19:00	0.53	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	0.23	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

Richfield Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Shaker Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:50	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

Shaker Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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	1.70	16.92	0.51	1.4
56	6/14/2015 3:55	0.85	19.92	0.41	0.8
57	6/15/2015 13:15	1.67	19.58	1.00	0.6
58	6/18/2015 3:20	0.02	0.42	0.02	1.8
59	6/18/2015 18:25	0.05	3.50	0.04	0.6
60	6/20/2015 6:10	0.02	3.75	0.01	1.3
61	6/22/2015 17:50	1.38	13.75	0.62	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 5:25	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

Shaker Heights Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Southerly WWTC Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:50	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

Southerly WWTC Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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	8/3/2015 1:50	0.17	4.42	0.10	4.1
69	8/10/2015 18:40	0.78	4.83	0.76	7.5
70	8/15/2015 2:00	0.01	0.08	0.01	4.1
71	8/18/2015 13:55	0.13	1.25	0.12	3.5
72	8/19/2015 17:45	0.04	0.25	0.04	1.1
73	8/20/2015 7:20	0.05	0.67	0.05	0.6
74	8/25/2015 23:55	0.21	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	0.25	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	0.35	14.08	0.09	2.8
82	10/6/2015 10:10	0.01	0.08	0.01	2.6

Southerly WWTC Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

South Euclid Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:45	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	0.08	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	4/22/2015 0:25	0.02	1.75	0.01	1.4
30	4/22/2015 23:30	0.01	0.08	0.01	0.9
31	4/27/2015 8:10	0.02	0.58	0.02	4.4
32	5/4/2015 16:40	0.02	1.08	0.02	7.3
33	5/5/2015 10:00	0.01	0.08	0.01	0.7
34	5/5/2015 22:45	0.69	2.33	0.41	0.5
35	5/10/2015 0:00	0.10	1.83	0.09	4.0
36	5/11/2015 18:40	0.54	6.92	0.46	1.7
37	5/15/2015 9:30	0.33	15.67	0.17	3.3
38	5/16/2015 16:00	0.01	0.08	0.01	0.6
39	5/17/2015 7:30	0.21	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	0.23	7.25	0.15	4.5

South Euclid Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

South Euclid Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Strongsville 'C' WWTP Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:30	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

Strongsville 'C' WWTP Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Strongsville 'C' WWTP Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Strongsville Foltz Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (Days)
1	1/3/2015 11:35	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

Strongsville Foltz Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Strongsville Foltz Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Wade 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 11:30	1.67	39.08	0.29	2.5
2	1/6/2015 1:50	0.05	3.33	0.03	1.0
3	1/7/2015 5:20	0.01	0.08	0.01	1.0
4	1/8/2015 23:30	0.02	2.17	0.01	1.8
5	1/11/2015 20:15	0.33	16.83	0.05	2.8
6	1/18/2015 6:05	0.06	6.25	0.03	5.7
7	1/21/2015 7:35	0.18	9.17	0.08	2.8
8	1/24/2015 17:50	0.08	12.50	0.04	3.0
9	1/29/2015 12:05	0.15	7.67	0.06	4.2
10	2/1/2015 3:45	0.86	26.67	0.11	2.3
11	2/3/2015 23:35	0.08	3.50	0.04	1.7
12	2/4/2015 15:10	0.24	7.42	0.06	0.5
13	2/14/2015 7:55	0.08	3.92	0.04	9.4
14	2/19/2015 18:55	0.01	0.08	0.01	5.3
15	2/21/2015 6:15	0.32	10.42	0.08	1.5
16	2/22/2015 18:50	0.01	0.08	0.01	1.1
17	2/26/2015 10:30	0.01	0.08	0.01	3.7
18	3/1/2015 1:05	0.27	16.08	0.04	2.6
19	3/3/2015 9:25	0.13	6.92	0.05	1.7
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	0.12	3.33	0.09	11.0
23	3/26/2015 5:40	0.58	8.50	0.16	0.8
24	3/31/2015 3:00	0.09	4.17	0.08	4.5
25	4/2/2015 11:45	0.47	11.08	0.38	2.2
26	4/3/2015 16:35	0.36	10.67	0.17	0.7
27	4/6/2015 12:50	0.69	40.08	0.19	2.4
28	4/9/2015 6:30	0.87	26.08	0.41	1.1
29	4/10/2015 22:45	0.08	2.33	0.06	0.6
30	4/13/2015 17:55	0.06	2.08	0.04	2.7
31	4/16/2015 19:20	0.17	6.83	0.11	3.0
32	4/19/2015 10:20	0.35	29.42	0.14	2.3
33	4/22/2015 0:00	0.03	1.67	0.02	1.3
34	4/22/2015 23:45	0.04	10.17	0.03	0.9
35	4/27/2015 8:10	0.02	0.83	0.02	3.9
36	5/4/2015 16:35	0.03	0.33	0.03	7.3
37	5/5/2015 12:10	0.86	14.42	0.54	0.8
38	5/9/2015 23:55	0.13	0.50	0.13	3.9
39	5/11/2015 18:25	0.66	8.50	0.56	1.8
40	5/15/2015 9:25	0.24	15.42	0.10	3.3
41	5/17/2015 7:05	0.05	4.00	0.03	1.3

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

Wade Park Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Westlake 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	1.74	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

Westlake Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent Dry Period (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

Westlake Rain Gauge					
Event	Start Date/ Time	Depth (In)	Duration (Hrs)	Peak 1-hr Intensity (In/Hr)	Antecedent 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

Attachment B

Thiessen Polygon Tool in ArcGIS to Spatially Distribute Rain Gauge Data

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.

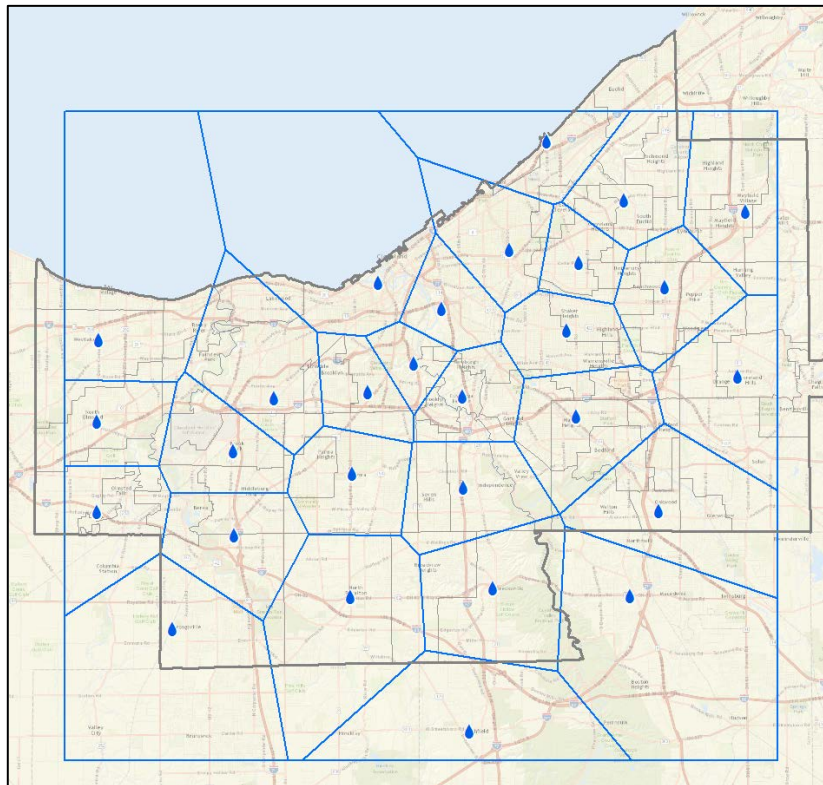


Figure B1. Rain Gauge Boundaries generated using the Thiessen Polygon tool in ArcGIS

- 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.

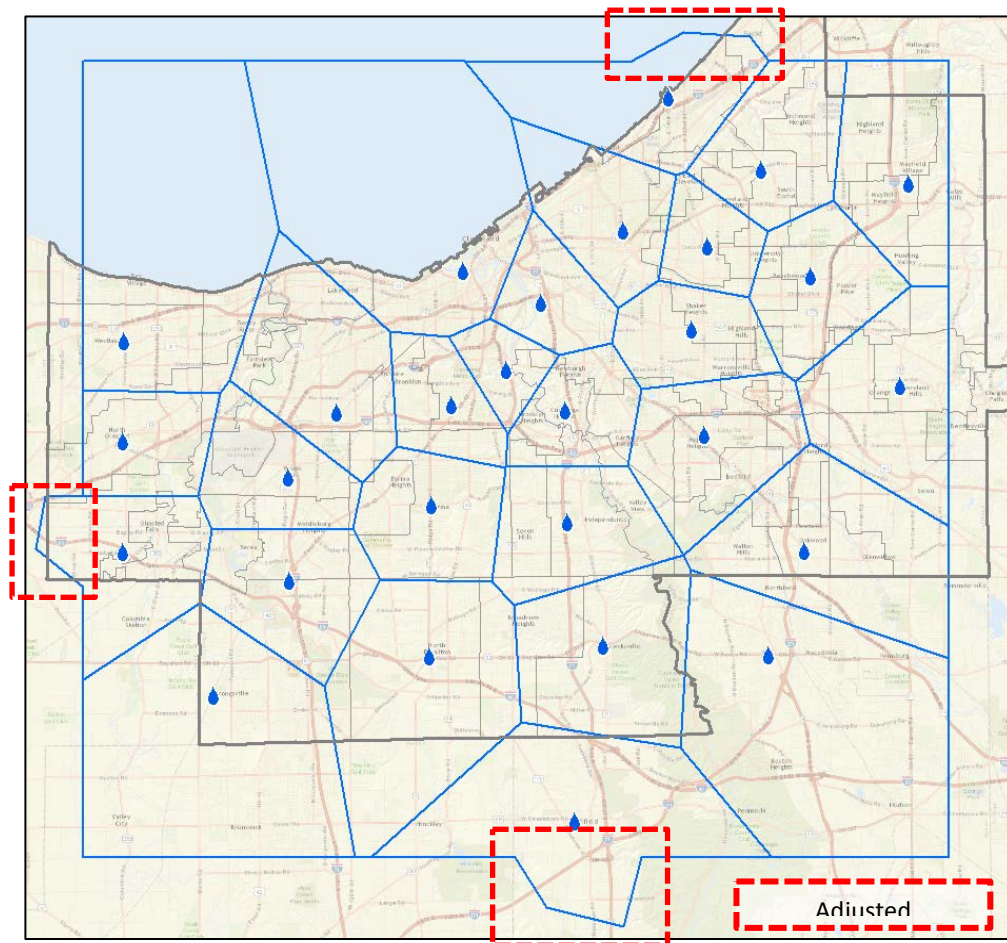


Figure B2. Rain Gauge Boundaries Manually Adjusted in ArcGIS to overlap model subcatchments.

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.

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**).

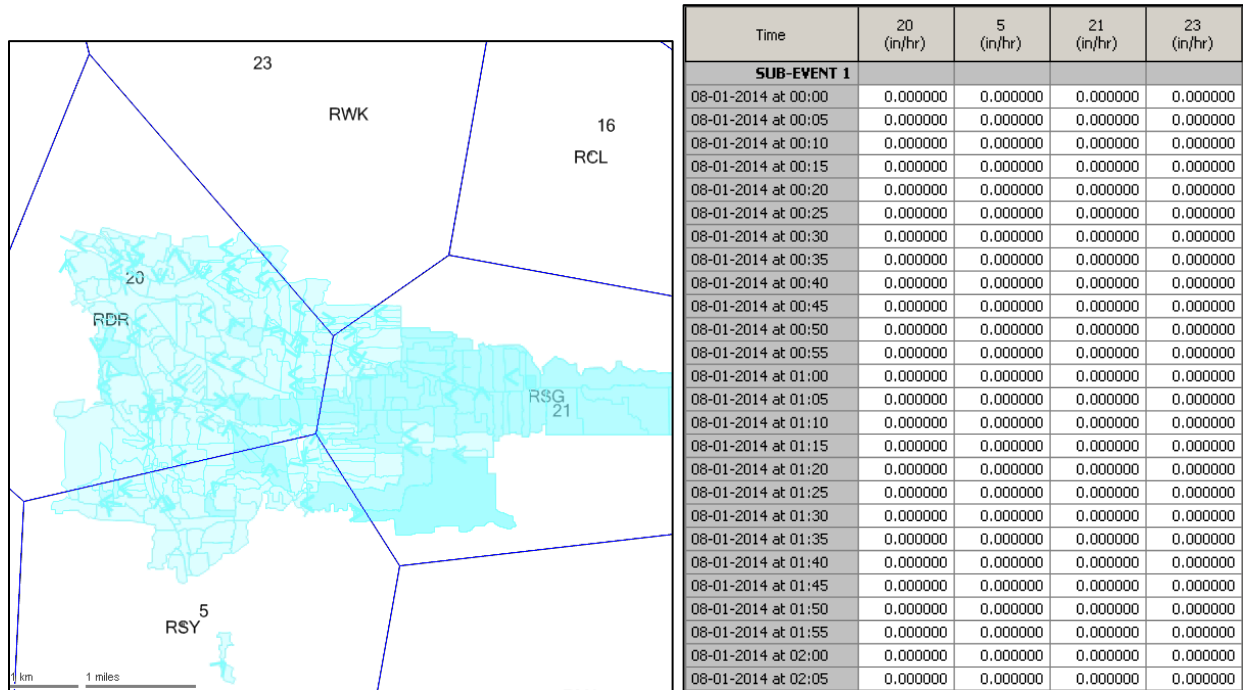


Figure B3. Confirm Rainfall Profile Names are Consistent with Rain Gauge Boundary Profile IDs

- 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.

- 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
<input type="checkbox"/>
<input type="checkbox"/>

- 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.

Use area-averaged rain
<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>

- 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.

Attachment C

**2015 Qualitative Habitat Evaluation Index & Use
Assessment Field Sheets**

Stream & Location: Big Creek Memphis Tiedema RM: 4.40 Date: 8/14/15

Main Branch East Branch Zablony River Code: STORET #: 125 Lat./ Long.: 41.4460181, 75.40 Office verified location

1) SUBSTRATE Check ONLY Two substrate TYPE BOXES. estimate % or note every type present

Best Types: BOULDER [9], COBBLE [8], GRAVEL [7], SAND [6], BEDROCK [5]. Other Types: HARDPAN [4], DETRITUS [3], MUCK [2], SILT [2], ARTIFICIAL [0]. Origin: LIMESTONE [1], TILLS [1], WETLANDS [0], SANDSTONE [0], RIP/RAP [0], LACUSTURINE [0], SHALE [-1], COAL FINES [-2]. Quality: HEAVY [-2], MODERATE [-1], NORMAL [0], FREE [1], EXTENSIVE [-2], MODERATE [-1], NORMAL [0], NONE [1].

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.

Undercut Banks [1], Overhanging Vegetation [1], Shallows [1], Rootmats [1]. Pools > 70cm [2], Rootwads [1], Boulders [1]. Oxbows, Backwaters [1], Aquatic Macrophytes [1], Logs or Woody Debris [1]. Amount: SPARSE 5-25% [3].

3) CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average)

Sinuosity: LOW [2], NONE [1]. Development: GOOD [5], FAIR [3], POOR [1]. Channelization: NONE [6], RECOVERED [4], RECOVERING [3], RECENT OR NO RECOVERY [1]. Stability: MODERATE [2], LOW [1].

4) BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank & average)

Erosion: MODERATE [2], HEAVY / SEVERE [1]. Riparian Width: MODERATE 10-50m [3], NARROW 5-10m [2], VERY NARROW < 5m [1]. Flood Plain Quality: RESIDENTIAL, PARK, NEW FIELD [1], FENCED PASTURE [1], OPEN PASTURE, ROWCROP [0].

5) POOL / GLIDE AND RIFFLE / RUN QUALITY

Maximum Depth: 0.7 < 1m [4]. Channel Width: POOL WIDTH > RIFFLE WIDTH [2]. Current Velocity: MODERATE [1]. Recreation Potential: Primary Contact, Secondary Contact.

Indicate for functional riffles; Best areas must be large enough to support a population of riffle-obligate species: Check ONE (Or 2 & average) NO RIFFLE [metric=0]

Riffle Depth: BEST AREAS 5-10cm [1]. Run Depth: MAXIMUM < 50cm [1]. Riffle/Run Substrate: MOD. STABLE [1]. Riffle/Run Embeddedness: MODERATE [0].

6) GRADIENT (17.6 ft/mi) DRAINAGE AREA (19.3 mi2). VERY LOW - LOW [2-4], MODERATE [6-10], HIGH - VERY HIGH [10-6]. %POOL, %GLIDE, %RUN, %RIFFLE.

A) SAMPLED REACH

Check ALL that apply

Comment RE: Reach consistency/Is reach typical of stream? Recreation/ Observed - Inferred. Other/ Sampling observations. Concerns. Access directions, etc.

METHOD

- BOAT
- WADE
- L. LINE
- OTHER

DISTANCE

- 0.5 Km
- 0.2 Km
- 0.15 Km
- 0.12 Km
- OTHER

STAGE

- 1st--sample pass-- 2nd
- HIGH
- UP
- NORMAL
- LOW
- DRY

CLARITY

- 1st--sample pass-- 2nd
- < 20 cm
- 20-<40 cm
- 40-70 cm
- > 70 cm/ CTB
- SECCHI DEPTH

B) AESTHETICS

- NUISANCE ALGAE
- INVASIVE MACROPHYTES
- EXCESS TURBIDITY
- DISCOLORATION
- FOAM/ SCUM
- OIL SHEEN
- TRASH/ LITTER
- NUISANCE ODOR
- SLUDGE DEPOSITS
- CSOSISSOS/OUTFALLS

D) 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
- ARMOURRED / SLUMPS
- ISLANDS / SCoured
- IMPOUNDED / DESICCATED
- FLOOD CONTROL / DRAINAGE

E) ISSUES

- WWTP / CSO / NPDES / INDUSTRY
- HARDENED / URBAN / DIRT&GRIME
- CONTAMINATED / LANDFILL
- BMPs-CONSTRUCTION-SEDIMENT
- LOGGING / IRRIGATION / COOLING
- BANK / EROSION / SURFACE
- FALSE BANK / MANURE / LAGOON
- WASH H₂O / TILE / H₂O TABLE
- ACID / MINE / QUARRY / FLOW
- NATURAL / WETLAND / STAGNANT
- PARK / GOLF / LAWN / HOME
- ATMOSPHERE / DATA PAUCITY

F) MEASUREMENTS

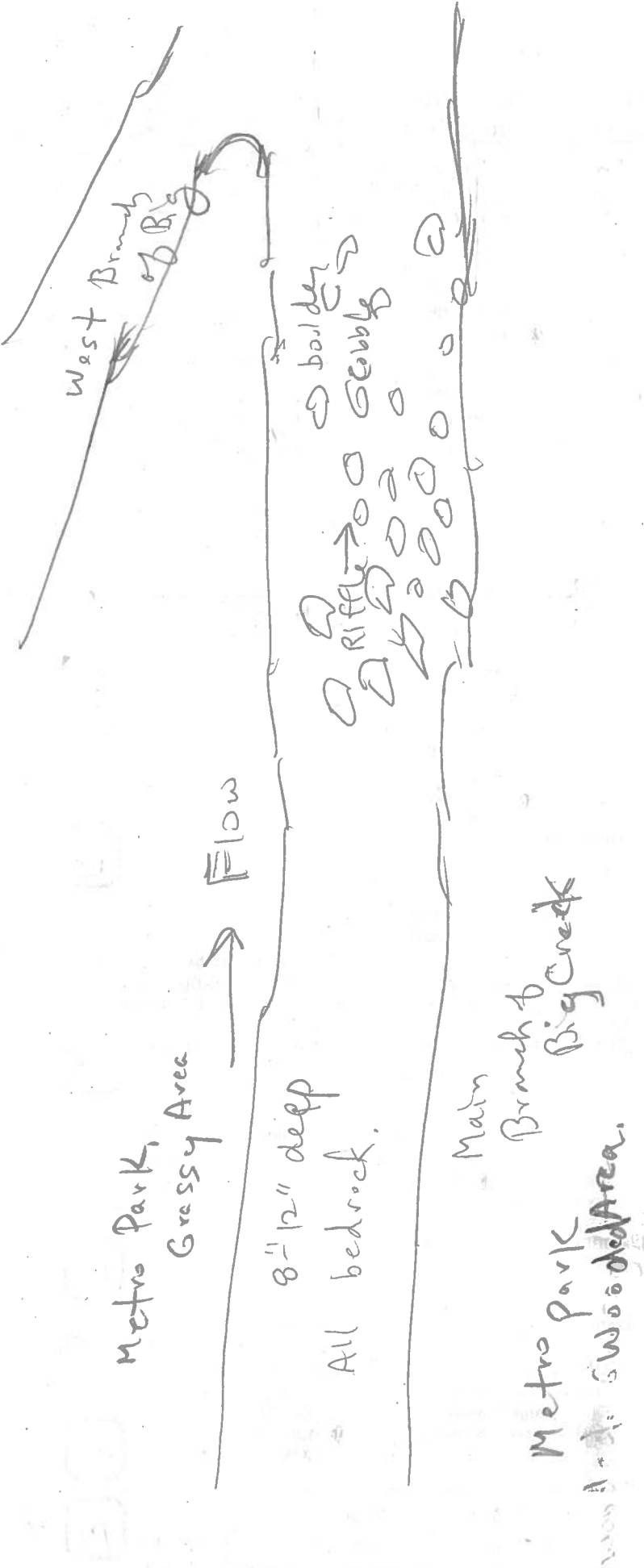
- \bar{x} width
- \bar{x} depth
- max. depth
- \bar{x} bankfull width
- bankfull \bar{x} depth
- W/D ratio
- bankfull max. depth
- floodprone \bar{x}^2 width
- entrench. ratio

- > 85%- OPEN
- 55%-<85%
- 30%-<55%
- 10%-<30%
- <10%- CLOSED

C) RECREATION

- AREA
- DEPTH
- POOL: >100ft² >3ft

Stream Drawing:



Stream & Location: Zabotny, Big Creek, Jennings Rd. RM: 0.15 Date: 9/10/15

River Code: STORET #: Lat./Long.: 41.4460 181.6865 Office verified location

1] SUBSTRATE Check ONLY Two substrate TYPE BOXES; estimate % or note every type present. Check ONE (Or 2 & average). BEST TYPES: BLDR/SLABS, BOULDER, COBBLE, GRAVEL, SAND, BEDROCK. OTHER TYPES: HARDPAN, DETRITUS, MUCK, SILT, ARTIFICIAL. ORIGIN: LIMESTONE, TILLS, WETLANDS, HARDPAN, SANDSTONE, RIP/RAP, LACUSTURINE, SHALE, COAL FINES. QUALITY: HEAVY, MODERATE, NORMAL, FREE, EXTENSIVE, MODERATE, NORMAL, NONE.

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. AMOUNT: EXTENSIVE >75%, MODERATE 25-75%, SPARSE 5-<25%, NEARLY ABSENT <5%. UNDERCUT BANKS, OVERHANGING VEGETATION, SHALLOWS, ROOTMATS, POOLS, ROOTWADS, BOULDERS, OXBOWS, AQUATIC MACROPHYTES, LOGS OR WOODY DEBRIS.

3] CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average). SINUOSITY: HIGH, MODERATE, LOW, NONE. DEVELOPMENT: EXCELLENT, GOOD, FAIR, POOR. CHANNELIZATION: NONE, RECOVERED, RECOVERING, RECENT OR NO RECOVERY. STABILITY: HIGH, MODERATE, LOW.

4] BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank & average). RIVER RIGHT LOOKING DOWNSTREAM. EROSION: NONE/LITTLE, MODERATE, HEAVY/SEVERE. RIPARIAN WIDTH: WIDE, MODERATE, NARROW, VERY NARROW, NONE. FLOOD PLAIN QUALITY: FOREST, SHRUB, RESIDENTIAL, FENCED PASTURE, OPEN PASTURE, CONSERVATION TILLAGE, URBAN OR INDUSTRIAL, MINING/CONSTRUCTION.

5] POOL / GLIDE AND RIFFLE / RUN QUALITY MAXIMUM DEPTH: >1m, 0.7-<1m, 0.4-<0.7m, 0.2-<0.4m, <0.2m. CHANNEL WIDTH: POOL WIDTH > RIFFLE WIDTH, POOL WIDTH = RIFFLE WIDTH, POOL WIDTH < RIFFLE WIDTH. CURRENT VELOCITY: TORRENTIAL, VERY FAST, FAST, MODERATE, SLOW, INTERSTITIAL, INTERMITTENT, EDDIES.

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: BEST AREAS >10cm, BEST AREAS 5-10cm, BEST AREAS <5cm. RUN DEPTH: MAXIMUM >50cm, MAXIMUM <50cm. RIFFLE / RUN SUBSTRATE: STABLE, MOD. STABLE, UNSTABLE. RIFFLE / RUN EMBEDDEDNESS: NONE, LOW, MODERATE, EXTENSIVE.

6] GRADIENT (17.6 ft/mi) DRAINAGE AREA (37.1 mi^2). VERY LOW - LOW, MODERATE, HIGH - VERY HIGH. %POOL, %GLIDE, %RUN, %RIFFLE. Gradient Maximum 10.

AJ SAMPLED REACH

Check ALL that apply

- METHOD**
- BOAT
 - WADE
 - L. LINE
 - OTHER
- DISTANCE**
- 0.5 Km
 - 0.2 Km
 - 0.15 Km
 - 0.12 Km
 - OTHER

- STAGE**
- HIGH
 - UP
 - NORMAL
 - LOW
 - DRY

- CLARITY**
- 1st --sample pass-- 2nd
- < 20 cm
 - 20-40 cm
 - 40-70 cm
 - > 70 cm/ CTB
 - SECCHI DEPTH

- CANOPY**
- 1st _____ cm
- 2nd _____ cm
- > 85% - OPEN
 - 55% - 85%
 - 30% - 55%
 - 10% - 30%
 - < 10% - CLOSED

CJ RECREATION AREA DEPTH
 POOL: >100ft² >3ft

Comment RE: Reach consistency/ Is reach typical of stream?, Recreation/ Observed - Inferred, Other/ Sampling observations, Concerns, Access directions, etc.

- BJ AESTHETICS**
- NUISANCE ALGAE
 - INVASIVE MACROPHYTES
 - EXCESS TURBIDITY
 - DISCOLORATION
 - FOAM / SCUM
 - OIL SHEEN
 - TRASH / LITTER
 - NUISANCE ODOR
 - SLUDGE DEPOSITS
 - CSOs/SSOs/OUTFALLS

- 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 / SLUMPS
 - ISLANDS / SCOURED
 - IMPOUNDED / DESICCATED
 - FLOOD CONTROL / DRAINAGE

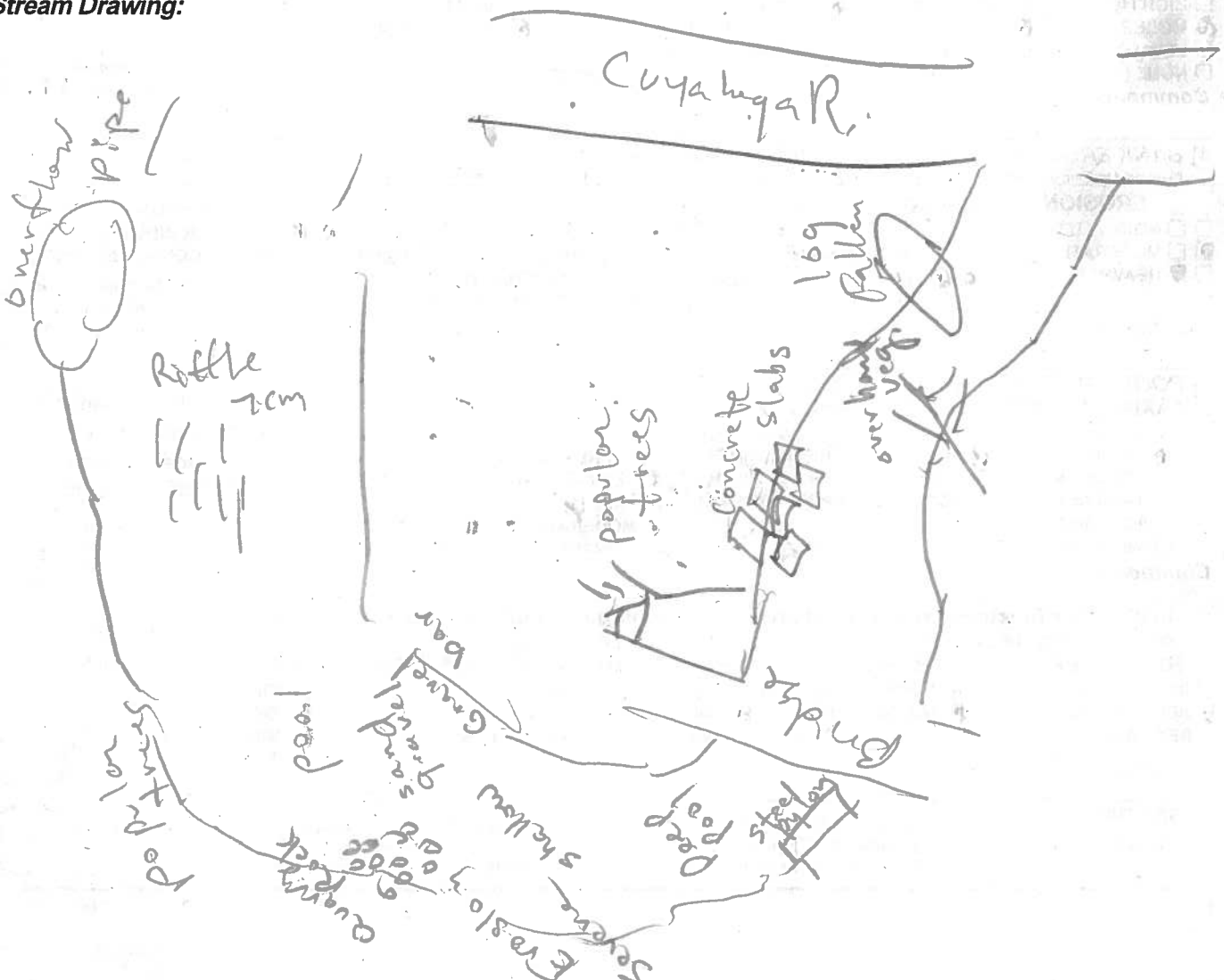
Circle some & COMMENT

- EJ ISSUES**
- WWTP / CSO / NPDES / INDUSTRY
 - HARDENED / URBAN / DIRT&GRIME
 - CONTAMINATED / LANDFILL
 - BMPs-CONSTRUCTION-SEDIMENT
 - LOGGING / IRRIGATION / COOLING
 - BANK / EROSION / SURFACE
 - FALSE BANK / MANURE / LAGOON
 - WASH H₂O / TILE / H₂O TABLE
 - ACID / MINE / QUARRY / FLOW
 - NATURAL / WETLAND / STAGNANT
 - PARK / GOLF / LAWN / HOME
 - ATMOSPHERE / DATA PAUCITY

FJ MEASUREMENTS

- \bar{x} width
- \bar{x} depth
- max. depth
- \bar{x} bankfull width
- bankfull \bar{x} depth
- W/D ratio
- bankfull max. depth
- floodprone \bar{x}^2 width
- entrench. ratio
- Legacy Tree:

Stream Drawing:



Stream & Location: CUYAHOGA RIVER - #1480
CATHY ZAMBORSKY, KNITTLE, RIVERA

RM: 12-1 Date: 8/13/15

Scorers Full Name & Affiliation: Northeast Ohio Regional Sewer District

River Code: STORET #: Lat./ Long.: 18 Office verified location

1] SUBSTRATE Check ONLY Two substrate TYPE BOXES. estimate % or note every type present

Check ONE (Or 2 & average)

Table with columns: BEST TYPES, OTHER TYPES, POOL RIFFLE, ORIGIN, QUALITY. Includes checkboxes for BLDR/SLABS, BOULDER, COBBLE, GRAVEL, SAND, BEDROCK, etc. and a score of 14.5.

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.

AMOUNT

Check ONE (Or 2 & average)

Table with columns: UNDERCUT BANKS, OVERHANGING VEGETATION, SHALLOWS, ROOTMATS, POOLS, ROOTWADS, BOULDERS, OXBOWS, AQUATIC MACROPHYTES, LOGS OR WOODY DEBRIS. Includes checkboxes for cover amounts and a score of 8.

3] CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average)

Table with columns: SINUOSITY, DEVELOPMENT, CHANNELIZATION, STABILITY. Includes checkboxes for HIGH, MODERATE, LOW, EXCELLENT, GOOD, FAIR, POOR, NONE, RECOVERED, RECOVERING, RECENT OR NO RECOVERY. Includes handwritten notes and a score of 13.

4] BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank & average)

Table with columns: EROSION, RIPARIAN WIDTH, FLOOD PLAIN QUALITY, CONSERVATION TILLAGE, URBAN OR INDUSTRIAL, MINING / CONSTRUCTION. Includes checkboxes for erosion levels, riparian width, and land use. Includes handwritten notes and a score of 4.5.

5] POOL / GLIDE AND RIFFLE / RUN QUALITY

MAXIMUM DEPTH

CHANNEL WIDTH

CURRENT VELOCITY

Check ONE (ONLY)

Check ONE (Or 2 & average)

Check ALL that apply

Table with checkboxes for maximum depth, channel width, and current velocity. Includes handwritten notes and a score of 12.

Recreation Potential Primary Contact Secondary Contact

Indicate for functional riffles; Best areas must be large enough to support a population of riffle-obligate species:

Check ONE (Or 2 & average)

NO RIFFLE [metric=0]

Table with columns: RIFFLE DEPTH, RUN DEPTH, RIFFLE / RUN SUBSTRATE, RIFFLE / RUN EMBEDDEDNESS. Includes checkboxes for riffle/run quality and a score of 5.5.

6] GRADIENT (6.93 ft/mi) DRAINAGE AREA (709.00 mi^2)

VERY LOW - LOW [2-4] MODERATE [6-10] HIGH - VERY HIGH [10-6]

%POOL: %GLIDE: %RUN: %RIFFLE:

Gradient Maximum 10

A) SAMPLED REACH

Check ALL that apply

Comment RE: Reach consistency/Is reach typical of stream? Recreation/ Observed - Inferred, Other/ Sampling observations, Concerns, Access directions, etc.

METHOD

- BOAT
- WADE
- L. LINE
- OTHER

DISTANCE

- 0.5 Km
- 0.2 Km
- 0.15 Km
- 0.12 Km
- OTHER

STAGE

- 1st-sample pass--2nd
- HIGH
- UP
- NORMAL
- LOW
- DRY

CLARITY

- 1st-sample pass--2nd
- < 20 cm
- 20-40 cm
- 40-70 cm
- > 70 cm/CTB
- SECCHI DEPTH

B) AESTHETICS

- NUISANCE ALGAE
- INVASIVE MACROPHYTES
- EXCESS TURBIDITY
- DISCOLORATION
- FOAM/SCUM
- OIL SHEEN
- TRASH / LITTER
- NUISANCE ODOR
- SLUDGE DEPOSITS
- CSO/SOSS/OUTFALLS

D) 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
- ARMOURD / SLUMPS
- ISLANDS / SCOURD
- IMPOUNDED / DESICCATED
- FLOOD CONTROL / DRAINAGE

Circle some & COMMENT

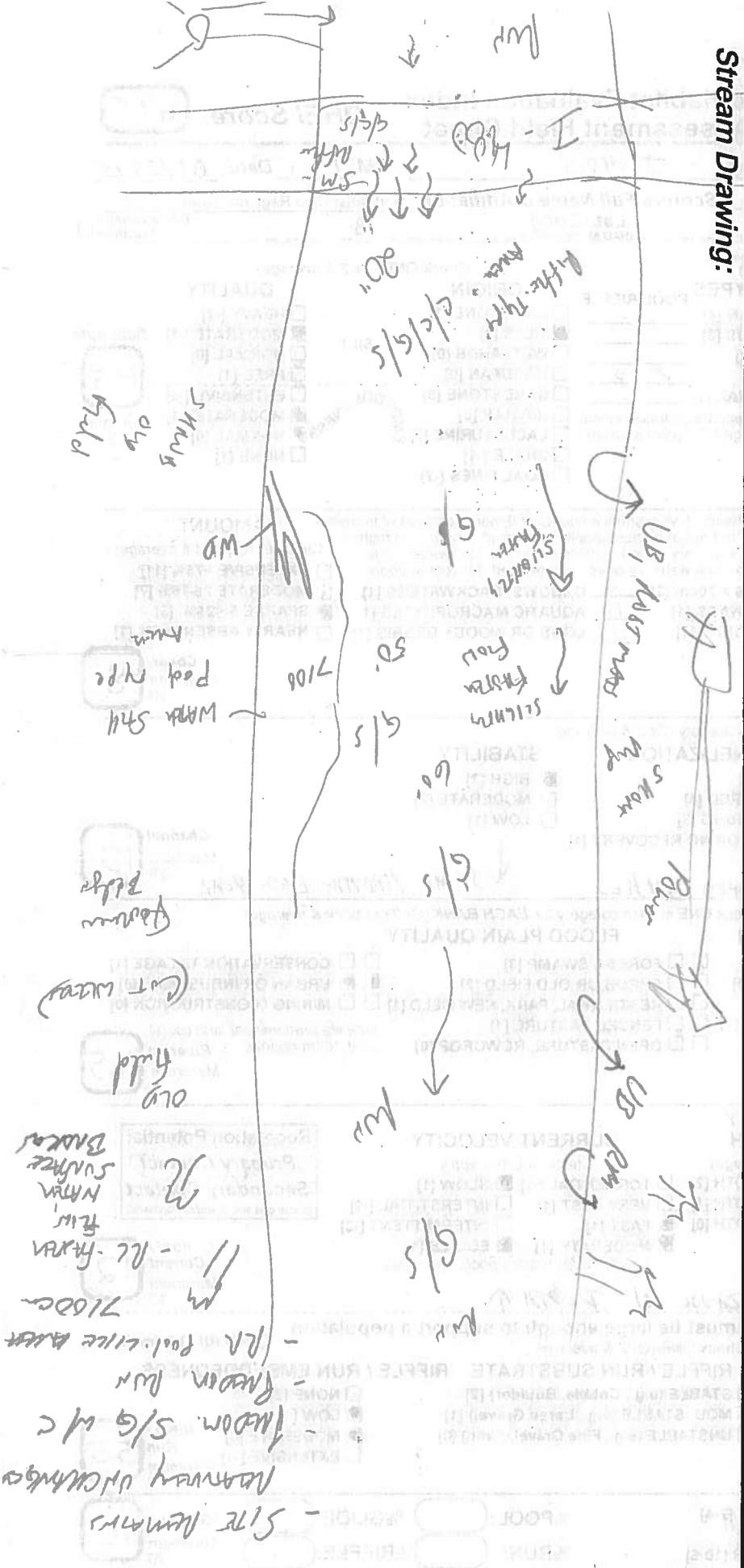
E) ISSUES

- WWTP / CSO / NPDES / INDUSTRY
- HARDENED / URBAN / DIRT&GRIME
- CONTAMINATED / LANDFILL
- BMPs-CONSTRUCTION-SEDIMENT
- LOGGING / IRRIGATION / COOLING
- BANK / EROSION / SURFACE
- FALSE BANK / MANURE / LAGOON
- WASH H₂O / TILE / H₂O TABLE
- ACID / MINE / QUARRY / FLOW
- NATURAL / WETLAND / STAGNANT
- PARK / GOLF / LAWN / HOME
- ATMOSPHERE / DATA PAUCITY

F) MEASUREMENTS

- width
- depth
- max. depth
- bankfull width
- bankfull x depth
- W/D ratio
- bankfull max. depth
- floodprone x² width
- entrench. ratio
- Legacy Tree:

Stream Drawing:





Qualitative Habitat Evaluation Index and Use Assessment Field Sheet

QHEI Score: **70.5**

Stream & Location: Cuyahoga River Lower Harvard Bridge RM: 7.00 Date: 08/06/15
Donna Friedman Scorers Full Name & Affiliation: Northeast Ohio Regional Sewer District

River Code: - STORET #: - Lat./Long.: 41.4497181.6815 Office verified location

1] **SUBSTRATE** Check ONLY Two substrate TYPE BOXES, estimate % or note every type present

BEST TYPES		OTHER TYPES		ORIGIN		QUALITY	
<input type="checkbox"/> BLDR/SLABS [10]	<input checked="" type="checkbox"/> POOL RIFFLE	<input type="checkbox"/> HARDPAN [4]	<input type="checkbox"/> POOL RIFFLE	<input type="checkbox"/> LIMESTONE [1]	<input type="checkbox"/> HEAVY [-2]	<input type="checkbox"/> MODERATE [-1]	Substrate Maximum 20
<input type="checkbox"/> BOULDER [9]	<input checked="" type="checkbox"/>	<input type="checkbox"/> DETRITUS [3]	<input type="checkbox"/>	<input checked="" type="checkbox"/> SILT	<input checked="" type="checkbox"/> NORMAL [0]	<input type="checkbox"/> FREE [1]	
<input checked="" type="checkbox"/> COBBLE [8]	<input checked="" type="checkbox"/>	<input type="checkbox"/> MUCK [2]	<input checked="" type="checkbox"/>	<input type="checkbox"/> WETLANDS [0]	<input type="checkbox"/> EXTENSIVE [-2]	<input type="checkbox"/> MODERATE [-1]	
<input checked="" type="checkbox"/> GRAVEL [7]	<input checked="" type="checkbox"/>	<input type="checkbox"/> SILT [2]	<input checked="" type="checkbox"/>	<input type="checkbox"/> HARDPAN [0]	<input type="checkbox"/> MODERATE [-1]	<input type="checkbox"/> NONE [1]	
<input type="checkbox"/> SAND [6]	<input checked="" type="checkbox"/>	<input type="checkbox"/> ARTIFICIAL [0]	<input checked="" type="checkbox"/>	<input type="checkbox"/> SANDSTONE [0]	<input type="checkbox"/> MODERATE [-1]	<input type="checkbox"/> NONE [1]	
<input type="checkbox"/> BEDROCK [5]	<input type="checkbox"/>			<input type="checkbox"/> RIP/RAP [0]	<input type="checkbox"/> MODERATE [-1]	<input type="checkbox"/> NONE [1]	

NUMBER OF BEST TYPES: 4 or more [2] 3 or less [0] (Score natural substrates; ignore sludge from point-sources)

Comments: 8+7+2

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 roadwad in deep / fast water, or deep, well-defined, functional pools.

<input checked="" type="checkbox"/> UNDERCUT BANKS [1]	<u>2</u> POOLS > 70cm [2]	<input type="checkbox"/> OXBOWS, BACKWATERS [1]	AMOUNT Check ONE (Or 2 & average) <input type="checkbox"/> EXTENSIVE >75% [11] <input checked="" type="checkbox"/> MODERATE 25-75% [7] <input type="checkbox"/> SPARSE 5-<25% [3] <input type="checkbox"/> NEARLY ABSENT <5% [1]
<input checked="" type="checkbox"/> OVERHANGING VEGETATION [1]	<input type="checkbox"/> ROOTWADS [1]	<u>1</u> AQUATIC MACROPHYTES [1]	
<u>1</u> SHALLOWS (IN SLOW WATER) [1]	<u>1</u> BOULDERS [4]	<u>2</u> LOGS OR WOODY DEBRIS [1]	
<input type="checkbox"/> ROOTMATS [1]			

Comments: 8+7

Channel Maximum 20

3] **CHANNEL MORPHOLOGY** Check ONE in each category (Or 2 & average)

SINUOSITY	DEVELOPMENT	CHANNELIZATION	STABILITY
<input type="checkbox"/> HIGH [4]	<input type="checkbox"/> EXCELLENT [7]	<input checked="" type="checkbox"/> NONE [6]	<input checked="" type="checkbox"/> HIGH [3]
<input checked="" type="checkbox"/> MODERATE [3]	<input type="checkbox"/> GOOD [5]	<input type="checkbox"/> RECOVERED [4]	<input checked="" type="checkbox"/> MODERATE [2]
<input type="checkbox"/> LOW [2]	<input checked="" type="checkbox"/> FAIR [3]	<input type="checkbox"/> RECOVERING [3]	<input type="checkbox"/> LOW [1]
<input type="checkbox"/> NONE [1]	<input type="checkbox"/> POOR [1]	<input type="checkbox"/> RECENT OR NO RECOVERY [1]	

Comments: no riffle anymore

Channel Maximum 20

4] **BANK EROSION AND RIPARIAN ZONE** Check ONE in each category for EACH BANK (Or 2 per bank & average)

EROSION	RIPARIAN WIDTH	FLOOD PLAIN QUALITY
<input checked="" type="checkbox"/> NONE / LITTLE [3]	<input type="checkbox"/> WIDE > 50m [4]	<input type="checkbox"/> FOREST, SWAMP [3]
<input type="checkbox"/> MODERATE [2]	<input type="checkbox"/> MODERATE 10-50m [3]	<input type="checkbox"/> SHRUB OR OLD FIELD [2]
<input type="checkbox"/> HEAVY / SEVERE [1]	<input type="checkbox"/> NARROW 5-10m [2]	<input type="checkbox"/> RESIDENTIAL, PARK, NEW FIELD [1]
	<input checked="" type="checkbox"/> VERY NARROW < 5m [1]	<input type="checkbox"/> FENCED PASTURE [1]
	<input type="checkbox"/> NONE [0]	<input type="checkbox"/> OPEN PASTURE, ROWCROP [0]

Comments: 3+2+0

Riparian Maximum 10

5] **POOL / GLIDE AND RIFFLE / RUN QUALITY**

MAXIMUM DEPTH	CHANNEL WIDTH	CURRENT VELOCITY	Recreation Potential Primary Contact Secondary Contact (circle one and comment on back)
Check ONE (ONLY) <input checked="" type="checkbox"/> > 1m [6] <input type="checkbox"/> 0.7-<1m [4] <input type="checkbox"/> 0.4-<0.7m [2] <input type="checkbox"/> 0.2-<0.4m [1] <input type="checkbox"/> < 0.2m [0]	Check ONE (Or 2 & average) <input type="checkbox"/> POOL WIDTH > RIFFLE WIDTH [2] <input checked="" type="checkbox"/> POOL WIDTH = RIFFLE WIDTH [1] <input type="checkbox"/> POOL WIDTH < RIFFLE WIDTH [0]	Check ALL that apply <input type="checkbox"/> TORRENTIAL [-1] <input type="checkbox"/> VERY FAST [1] <input type="checkbox"/> FAST [1] <input type="checkbox"/> MODERATE [1] <input checked="" type="checkbox"/> SLOW [1] <input type="checkbox"/> INTERSTITIAL [-1] <input type="checkbox"/> INTERMITTENT [-2] <input type="checkbox"/> EDDIES [1]	

Comments: no riffle 6+1+1

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). NO RIFFLE metric=0

RIFFLE DEPTH	RUN DEPTH	RIFFLE / RUN SUBSTRATE	RIFFLE / RUN EMBEDDEDNESS
<input type="checkbox"/> BEST AREAS > 10cm [2] <input type="checkbox"/> BEST AREAS 5-10cm [1] <input type="checkbox"/> BEST AREAS < 5cm [metric=0]	<input type="checkbox"/> MAXIMUM > 50cm [2] <input type="checkbox"/> MAXIMUM < 50cm [1]	<input type="checkbox"/> STABLE (e.g., Cobble, Boulder) [2] <input type="checkbox"/> MOD. STABLE (e.g., Large Gravel) [1] <input type="checkbox"/> UNSTABLE (e.g., Fine Gravel, Sand) [0]	<input type="checkbox"/> NONE [2] <input type="checkbox"/> LOW [1] <input type="checkbox"/> MODERATE [0] <input type="checkbox"/> EXTENSIVE [-1]

Comments: no riffle

Riffle / Run Maximum 8

6] **GRADIENT** (2.03 ft/mi) VERY LOW - LOW [2-4] MODERATE [6-10] HIGH - VERY HIGH [10-6]

DRAINAGE AREA (786 mi²)

% POOL: % GLIDE:
% RUN: % RIFFLE:

Gradient Maximum 10

A) SAMPLED REACH

Check ALL that apply

Comment RE: Reach consistency/is reach typical of stream?, Recreation/ Observed - Inferred, Other/ Sampling observations, Concerns, Access directions, etc.

METHOD

- BOAT
- WADE
- L. LINE
- OTHER

DISTANCE

- 0.5 Km
- 0.2 Km
- 0.15 Km
- 0.12 Km
- OTHER

STAGE

- 1st -sample pass- 2nd
- HIGH
- UP
- NORMAL
- LOW
- DRY

CLARITY

- 1st -sample pass- 2nd
- < 20 cm
- 20-40 cm
- 40-70 cm
- > 70 cm/CTB
- SECCHI DEPTH

BJAESTHETICS

- NUISANCE ALGAE
- INVASIVE MACROPHYTES
- EXCESS TURBIDITY
- DISCOLORATION
- FOAM/SCUM
- OIL SHEEN
- TRASH/LITTER
- NUISANCE ODOR
- SLUDGE DEPOSITS
- CSOS/SSOS/OUTFALLS

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
- ARMOURD / SLUMPS
- ISLANDS / SCOURED
- IMPOUNDED / DESICCATED
- FLOOD CONTROL / DRAINAGE

Circle some & COMMENT

EJ ISSUES

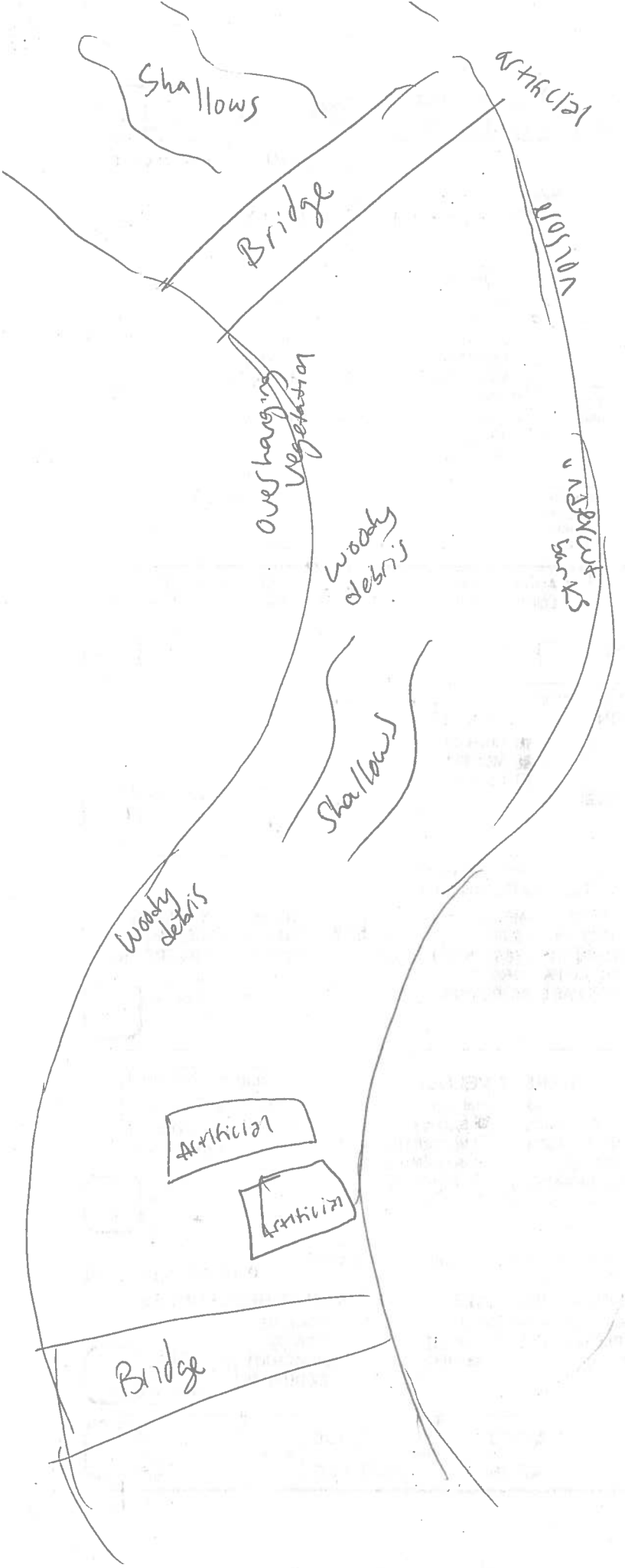
- WWTP / CSO / NPDES / INDUSTRY
- HARDENED / URBAN / DIRT&GRIME
- CONTAMINATED / LANDFILL
- BMPs-CONSTRUCTION-SEDIMENT
- LOGGING / IRRIGATION / COOLING
- BANK / EROSION / SURFACE
- FALSE BANK / MANURE / LAGOON
- WASH H₂O / TILE / H₂O TABLE
- ACID / MINE / QUARRY / FLOW
- NATURAL / WETLAND / STAGNANT
- PARK / GOLF / LAWN / HOME
- ATMOSPHERE / DATA PAUCITY

FJ MEASUREMENTS

- \bar{x} width
- \bar{x} depth
- max. depth
- \bar{x} bankfull width
- bankfull \bar{x} depth
- W/D ratio
- bankfull max. depth
- floodprone \bar{x}^2 width
- entrench. ratio

Legacy Tree:

Stream Drawing:





Qualitative Habitat Evaluation Index and Use Assessment Field Sheet

QHEI Score: 79.5

Stream & Location: Euclid Creek LS of St. Clair

RM: 1.65 **Date:** 07/06/15

Hotham, Zaboltn, Sochalen

Scorers Full Name & Affiliation: Northeast Ohio Regional Sewer District

River Code: - **STORET #:** -

Lat./ Long.: 41.5741 181.5467

Office verified location

1] SUBSTRATE Check ONLY Two substrate TYPE BOXES; estimate % or note every type present

Check ONE (Or 2 & average)

BEST TYPES		OTHER TYPES		ORIGIN		QUALITY	
<input type="checkbox"/> BLDR/SLABS [10]	<input checked="" type="checkbox"/> POOL	<input type="checkbox"/> HARDPAN [4]	<input type="checkbox"/> RIFFLE	<input type="checkbox"/> LIMESTONE [1]	<input type="checkbox"/> SILT	<input type="checkbox"/> HEAVY [-2]	Substrate <input checked="" type="checkbox"/> 17 Maximum 20
<input type="checkbox"/> BOULDER [9]	<input checked="" type="checkbox"/>	<input type="checkbox"/> DETRITUS [3]	<input type="checkbox"/>	<input checked="" type="checkbox"/> TILLS [1]	<input type="checkbox"/>	<input type="checkbox"/> MODERATE [-1]	
<input checked="" type="checkbox"/> COBBLE [8]	<input checked="" type="checkbox"/>	<input type="checkbox"/> MUCK [2]	<input type="checkbox"/>	<input type="checkbox"/> WETLANDS [0]	<input type="checkbox"/>	<input checked="" type="checkbox"/> NORMAL [0]	
<input type="checkbox"/> GRAVEL [7]	<input checked="" type="checkbox"/>	<input type="checkbox"/> SILT [2]	<input type="checkbox"/>	<input type="checkbox"/> HARDPAN [0]	<input type="checkbox"/>	<input type="checkbox"/> FREE [1]	
<input checked="" type="checkbox"/> SAND [6]	<input checked="" type="checkbox"/>	<input type="checkbox"/> ARTIFICIAL [0]	<input checked="" type="checkbox"/>	<input type="checkbox"/> SANDSTONE [0]	<input type="checkbox"/>	<input type="checkbox"/> EXTENSIVE [-2]	
<input type="checkbox"/> BEDROCK [5]	<input checked="" type="checkbox"/>	(Score natural substrates; ignore sludge from point-sources)		<input type="checkbox"/> RIP/RAP [0]	<input type="checkbox"/>	<input type="checkbox"/> MODERATE [-1]	

NUMBER OF BEST TYPES: 4 or more [2] 3 or less [0]

Comments

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.

AMOUNT

Check ONE (Or 2 & average)

<input type="checkbox"/> UNDERCUT BANKS [1]	<input type="checkbox"/> POOLS > 70cm [2]	<input type="checkbox"/> OXBOWS, BACKWATERS [1]	Channel <input checked="" type="checkbox"/> 14 Maximum 20
<input type="checkbox"/> OVERHANGING VEGETATION [1]	<input type="checkbox"/> ROOTWADS [1]	<input type="checkbox"/> AQUATIC MACROPHYTES [1]	
<input type="checkbox"/> SHALLOWS (IN SLOW WATER) [1]	<input type="checkbox"/> BOULDERS [1]	<input type="checkbox"/> LOGS OR WOODY DEBRIS [1]	
<input type="checkbox"/> ROOTMATS [1]			

Comments

3] CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average)

SINUOSITY	DEVELOPMENT	CHANNELIZATION	STABILITY
<input type="checkbox"/> HIGH [4]	<input type="checkbox"/> EXCELLENT [7]	<input checked="" type="checkbox"/> NONE [8]	<input checked="" type="checkbox"/> HIGH [3]
<input type="checkbox"/> MODERATE [3]	<input type="checkbox"/> GOOD [5]	<input type="checkbox"/> RECOVERED [4]	<input type="checkbox"/> MODERATE [2]
<input checked="" type="checkbox"/> LOW [2]	<input type="checkbox"/> FAIR [3]	<input type="checkbox"/> RECOVERING [3]	<input type="checkbox"/> LOW [1]
<input type="checkbox"/> NONE [1]	<input type="checkbox"/> POOR [1]	<input type="checkbox"/> RECENT OR NO RECOVERY [1]	

Comments

4] BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank & average)

EROSION	RIPARIAN WIDTH	FLOOD PLAIN QUALITY	CONSERVATION TILLAGE [1]
<input type="checkbox"/> NONE / LITTLE [3]	<input type="checkbox"/> WIDE > 50m [4]	<input type="checkbox"/> FOREST, SWAMP [3]	<input type="checkbox"/> URBAN OR INDUSTRIAL [0]
<input checked="" type="checkbox"/> MODERATE [2]	<input type="checkbox"/> MODERATE 10-50m [3]	<input type="checkbox"/> SHRUB OR OLD FIELD [2]	<input type="checkbox"/> MINING / CONSTRUCTION [0]
<input type="checkbox"/> HEAVY / SEVERE [1]	<input type="checkbox"/> NARROW 5-10m [2]	<input type="checkbox"/> RESIDENTIAL, PARK, NEW FIELD [1]	
	<input type="checkbox"/> VERY NARROW < 5m [1]	<input type="checkbox"/> FENCED PASTURE [1]	
	<input type="checkbox"/> NONE [0]	<input type="checkbox"/> OPEN PASTURE, ROWCROP [0]	

Comments

5] POOL / GLIDE AND RIFFLE / RUN QUALITY

MAXIMUM DEPTH	CHANNEL WIDTH	CURRENT VELOCITY	Recreation Potential <input checked="" type="checkbox"/> Primary Contact <input type="checkbox"/> Secondary Contact (circle one and comment on back)
Check ONE (ONLY)	Check ONE (Or 2 & average)	Check ALL that apply	
<input type="checkbox"/> > 1m [6]	<input checked="" type="checkbox"/> POOL WIDTH > RIFFLE WIDTH [2]	<input type="checkbox"/> TORRENTIAL [-1]	Pool / Current <input checked="" type="checkbox"/> 10 Maximum 12
<input checked="" type="checkbox"/> 0.7-1m [4]	<input type="checkbox"/> POOL WIDTH = RIFFLE WIDTH [1]	<input type="checkbox"/> VERY FAST [1]	
<input type="checkbox"/> 0.4-0.7m [2]	<input type="checkbox"/> POOL WIDTH < RIFFLE WIDTH [0]	<input type="checkbox"/> INTERSTITIAL [-1]	
<input type="checkbox"/> 0.2-0.4m [1]		<input type="checkbox"/> INTERMITTENT [-2]	

Comments

Indicate for functional riffles; Best areas must be large enough to support a population of riffle-obligate species:

RIFFLE DEPTH	RUN DEPTH	RIFFLE / RUN SUBSTRATE	RIFFLE / RUN EMBEDDEDNESS
<input checked="" type="checkbox"/> BEST AREAS > 10cm [2]	<input checked="" type="checkbox"/> MAXIMUM > 60cm [2]	<input type="checkbox"/> STABLE (e.g., Cobble, Boulder) [2]	<input type="checkbox"/> NONE [2]
<input type="checkbox"/> BEST AREAS 5-10cm [1]	<input type="checkbox"/> MAXIMUM < 60cm [1]	<input type="checkbox"/> MOD. STABLE (e.g., Large Gravel) [1]	<input checked="" type="checkbox"/> LOW [1]
<input type="checkbox"/> BEST AREAS < 5cm [metric=0]		<input type="checkbox"/> UNSTABLE (e.g., Fine Gravel, Sand) [0]	<input type="checkbox"/> MODERATE [0]

Comments

6] GRADIENT (16.20ft/mi) VERY LOW - LOW [2-4] MODERATE [6-10] HIGH - VERY HIGH [10-8]

DRAINAGE AREA (21.80mi²)

% POOL: **% GLIDE:**

% RUN: **% RIFFLE:**

Gradient Maximum 10

AJ SAMPLED REACH

Check ALL that apply

METHOD

- BOAT
 - WADE
 - L. LINE
 - OTHER
- DISTANCE**
- 0.5 Km
 - 0.2 Km
 - 0.15 Km
 - 0.12 Km
 - OTHER

STAGE

- HIGH
- UP
- NORMAL
- LOW
- DRY

CLARITY

- 1st -sample pass- 2nd
- < 20 cm
 - 20-40 cm
 - 40-70 cm
 - > 70 cm/CTB
 - SECCHI DEPTH

meters

CANOPY

- > 85% - OPEN
- 55% - 85%
- 30% - 55%
- 10% - 30%
- < 10% - CLOSED

C1 RECREATION

AREA DEPTH
POOL: > 100ft² > 3ft

BJ AESTHETICS

- NUISANCE ALGAE
- INVASIVE MACROPHYTES
- EXCESS TURBIDITY
- DISCOLORATION
- FOAM / SCUM
- OIL SHEEN
- TRASH / LITTER
- NUISANCE ODOR
- SLUDGE DEPOSITS
- CSOS/ISSOS/OUTFALLS

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 / SLUMPS
- ISLANDS / SCoured
- IMPOUNDED / DESICCATED
- FLOOD CONTROL / DRAINAGE

EJ ISSUES

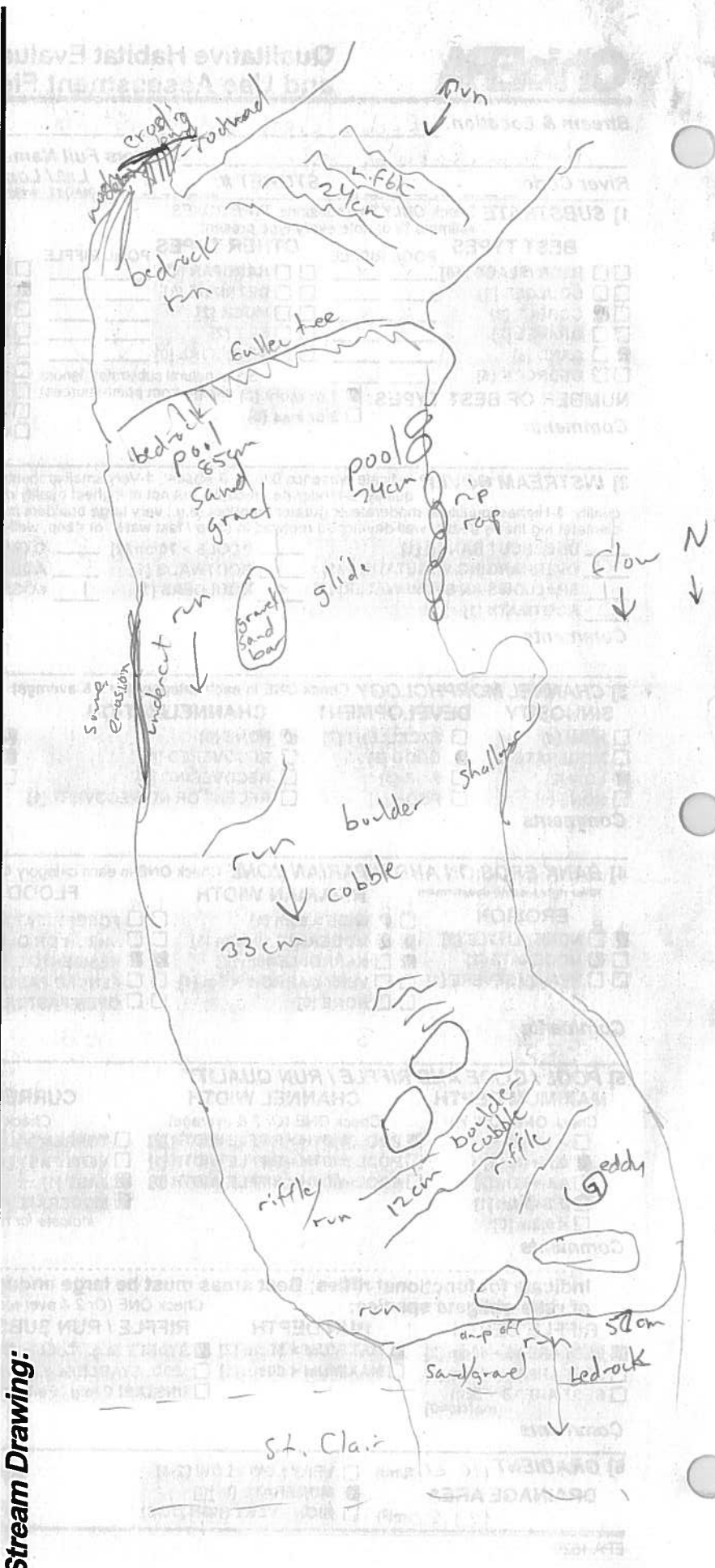
- WWTP / CSO / NPDES / INDUSTRY
- HARDENED / URBAN / DIRT & GRIME
- CONTAMINATED / LANDFILL
- BMPs-CONSTRUCTION-SEDIMENT
- LOGGING / IRRIGATION / COOLING
- BANK / EROSION / SURFACE
- FALSE BANK / MANURE / LAGOON
- WASH H₂O / TILE / H₂O TABLE
- ACID / MINE / QUARRY / FLOW
- NATURAL / WETLAND / STAGNANT
- PARK / GOLF / LAWN / HOME
- ATMOSPHERE / DATA PAUCITY

FJ MEASUREMENTS

- \bar{x} width
- \bar{x} depth
- max. depth
- \bar{x} bankfull width
- bankfull \bar{x} depth
- W/D ratio
- bankfull max. depth
- floodprone \bar{x} width
- entrench. ratio

Legacy Tree:

Stream Drawing:



Comment RE: Reach consistency/ Is reach typical of stream?, Recreation/ Observed - Inferred, Other/ Sampling observations, Concerns, Access directions, etc.



Qualitative Habitat Evaluation Index and Use Assessment Field Sheet

QHEI Score: 62

Stream & Location: Euclid Creek Lakeshore **RM:** 55 **Date:** 7/6/15

Zabotny/Hothen **Scorers Full Name & Affiliation:** Northeast Ohio Regional Sewer District
River Code: 1 **STORET #:** **Lat./ Long.:** 41.5833 181.5594 (NAD 83 - decimal °) **Office verified location**

1] SUBSTRATE Check ONLY two substrate TYPE BOXES; estimate % or note every type present

BEST TYPES		OTHER TYPES		ORIGIN		QUALITY		
<input type="checkbox"/> BLDR/SLABS [10]	<input type="checkbox"/> POOL RIFFLE	<input type="checkbox"/> HARDPAN [4]	<input type="checkbox"/> POOL RIFFLE	<input type="checkbox"/> LIMESTONE [1]	<input type="checkbox"/> TILLS [1]	<input type="checkbox"/> HEAVY [-2]	<input type="checkbox"/> MODERATE [-1]	
<input type="checkbox"/> BOULDER [9]	<input checked="" type="checkbox"/>	<input type="checkbox"/> DETRITUS [3]	<input type="checkbox"/>	<input checked="" type="checkbox"/> WETLANDS [0]	<input type="checkbox"/> WETLANDS [0]	<input type="checkbox"/> NORMAL [0]	<input type="checkbox"/> MODERATE [-1]	
<input type="checkbox"/> COBBLE [8]	<input checked="" type="checkbox"/>	<input type="checkbox"/> MUCK [2]	<input type="checkbox"/>	<input type="checkbox"/> SANDSTONE [0]	<input type="checkbox"/> SANDSTONE [0]	<input type="checkbox"/> FREE [1]	<input type="checkbox"/> EXTENSIVE [-2]	
<input type="checkbox"/> GRAVEL [7]	<input checked="" type="checkbox"/>	<input type="checkbox"/> SILT [2]	<input checked="" type="checkbox"/>	<input type="checkbox"/> RIP/RAP [0]	<input type="checkbox"/> RIP/RAP [0]	<input type="checkbox"/> MODERATE [-1]	<input type="checkbox"/> MODERATE [-1]	
<input checked="" type="checkbox"/> SAND [6]	<input checked="" type="checkbox"/>	<input type="checkbox"/> ARTIFICIAL [0]	<input type="checkbox"/>	<input type="checkbox"/> LACUSTURINE [0]	<input type="checkbox"/> LACUSTURINE [0]	<input type="checkbox"/> NORMAL [0]	<input type="checkbox"/> NORMAL [0]	
<input type="checkbox"/> BEDROCK [5]	<input type="checkbox"/>			<input type="checkbox"/> SHALE [-1]	<input type="checkbox"/> SHALE [-1]	<input checked="" type="checkbox"/> NONE [1]	<input type="checkbox"/> NONE [1]	
NUMBER OF BEST TYPES: <input type="checkbox"/> 4 or more [2] <input type="checkbox"/> 3 or less [0]				EMBEDDEDNESS <input type="checkbox"/>				Substrate 3.5

Comments **Maximum** 20

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.)

<input checked="" type="checkbox"/> UNDERCUT BANKS [1]	<input checked="" type="checkbox"/> POOLS > 70cm [2]	<input checked="" type="checkbox"/> OXBOWS, BACKWATERS [1]	AMOUNT
<input checked="" type="checkbox"/> OVERHANGING VEGETATION [1]	<input checked="" type="checkbox"/> ROOTWADS [1]	<input checked="" type="checkbox"/> AQUATIC MACROPHYTES [1]	<input type="checkbox"/> EXTENSIVE >75% [11]
<input checked="" type="checkbox"/> SHALLOWS (IN SLOW WATER) [1]	<input checked="" type="checkbox"/> BOULDERS [1]	<input checked="" type="checkbox"/> LOGS OR WOODY DEBRIS [1]	<input checked="" type="checkbox"/> MODERATE 25-75% [7]
<input checked="" type="checkbox"/> ROOTMATS [1]			<input type="checkbox"/> SPARSE 5-25% [3]
			<input type="checkbox"/> NEARLY ABSENT <5% [1]

Comments **Cover** 17
Maximum 20

3] CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average)

SINUOSITY	DEVELOPMENT	CHANNELIZATION	STABILITY
<input type="checkbox"/> HIGH [4]	<input type="checkbox"/> EXCELLENT [7]	<input checked="" type="checkbox"/> NONE [6]	<input type="checkbox"/> HIGH [3]
<input type="checkbox"/> MODERATE [3]	<input type="checkbox"/> GOOD [5]	<input type="checkbox"/> RECOVERED [4]	<input checked="" type="checkbox"/> MODERATE [2]
<input checked="" type="checkbox"/> LOW [2]	<input checked="" type="checkbox"/> FAIR [3]	<input type="checkbox"/> RECOVERING [3]	<input checked="" type="checkbox"/> LOW [1]
<input type="checkbox"/> NONE [1]	<input type="checkbox"/> POOR [1]	<input type="checkbox"/> RECENT OR NO RECOVERY [1]	

Comments **Channel** 12.5
Maximum 20

4] BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank & average)

EROSION	RIPARIAN WIDTH	FLOOD PLAIN QUALITY	CONSERVATION TILLAGE [1]
<input checked="" type="checkbox"/> NONE / LITTLE [3]	<input type="checkbox"/> WIDE > 50m [4]	<input type="checkbox"/> FOREST, SWAMP [3]	<input type="checkbox"/> URBAN OR INDUSTRIAL [0]
<input checked="" type="checkbox"/> MODERATE [2]	<input type="checkbox"/> MODERATE 10-50m [3]	<input type="checkbox"/> SHRUB OR OLD FIELD [2]	<input type="checkbox"/> MINING / CONSTRUCTION [0]
<input type="checkbox"/> HEAVY / SEVERE [1]	<input checked="" type="checkbox"/> NARROW 5-10m [2]	<input checked="" type="checkbox"/> RESIDENTIAL, PARK, NEW FIELD [1]	
	<input type="checkbox"/> VERY NARROW < 5m [1]	<input type="checkbox"/> FENCED PASTURE [1]	
	<input type="checkbox"/> NONE [0]	<input type="checkbox"/> OPEN PASTURE, ROWCROP [0]	

Comments **Riparian** 5
Maximum 10

5] POOL / GLIDE AND RIFFLE / RUN QUALITY

MAXIMUM DEPTH	CHANNEL WIDTH	CURRENT VELOCITY	Recreation Potential
Check ONE (ONLY)	Check ONE (Or 2 & average)	Check ALL that apply	Primary Contact
<input checked="" type="checkbox"/> > 1m [8]	<input type="checkbox"/> POOL WIDTH > RIFFLE WIDTH [2]	<input type="checkbox"/> TORRENTIAL [-1]	Secondary Contact
<input type="checkbox"/> 0.7-1m [4]	<input checked="" type="checkbox"/> POOL WIDTH = RIFFLE WIDTH [1]	<input checked="" type="checkbox"/> SLOW [1]	(circle one and comment on back)
<input type="checkbox"/> 0.4-0.7m [2]	<input type="checkbox"/> POOL WIDTH < RIFFLE WIDTH [0]	<input type="checkbox"/> INTERSTITIAL [-1]	
<input type="checkbox"/> 0.2-0.4m [1]		<input type="checkbox"/> INTERMITTENT [-2]	
<input type="checkbox"/> < 0.2m [0]		<input checked="" type="checkbox"/> MODERATE [1]	
		<input type="checkbox"/> EDDIES [1]	

Comments **Pool / Current** 8
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). NO RIFFLE [metric=0]

RIFFLE DEPTH	RUN DEPTH	RIFFLE / RUN SUBSTRATE	RIFFLE / RUN EMBEDDEDNESS
<input type="checkbox"/> BEST AREAS > 10cm [2]	<input type="checkbox"/> MAXIMUM > 50cm [2]	<input type="checkbox"/> STABLE (e.g., Cobble, Boulder) [2]	<input type="checkbox"/> NONE [2]
<input type="checkbox"/> BEST AREAS 5-10cm [1]	<input type="checkbox"/> MAXIMUM < 50cm [1]	<input type="checkbox"/> MOD. STABLE (e.g., Large Gravel) [1]	<input type="checkbox"/> LOW [1]
<input type="checkbox"/> BEST AREAS < 5cm [metric=0]		<input type="checkbox"/> UNSTABLE (e.g., Fine Gravel, Sand) [0]	<input type="checkbox"/> MODERATE [0]
			<input type="checkbox"/> EXTENSIVE [-1]

Comments **Riffle / Run** 0
Maximum 8

6] GRADIENT (5.90 ft/ml) VERY LOW - LOW [2-4] **%POOL:** **%GLIDE:**

DRAINAGE AREA (23.00 mi²) MODERATE [6-10] **%RUN:** **%RIFFLE:**

HIGH - VERY HIGH [10-8] **Gradient** 6
Maximum 10

Comment RE: Reach consistency/ Is reach typical of stream?, Recreation/ Observed - Inferred, Other/ Sampling observations, Concerns, Access directions, etc.

AJ SAMPLED REACH

Check ALL that apply

METHOD

- BOAT
 - WADE
 - L. LINE
 - OTHER
- DISTANCE**
- 0.5 Km
 - 0.2 Km
 - 0.15 Km
 - 0.12 Km
 - OTHER

STAGE

- 1st - sample pass-- 2nd
- HIGH
 - UP
 - NORMAL
 - LOW
 - DRY

CLARITY

- < 20 cm
- 20-40 cm
- 40-70 cm
- > 70 cm/ CTB
- SECCHI DEPTH

CANOPY

- > 85%- OPEN
- 55%-85%
- 30%-55%
- 10%-30%
- <10%- CLOSED

BJ AESTHETICS

- NUISANCE ALGAE
- INVASIVE MACROPHYTES
- EXCESS TURBIDITY
- DISCOLORATION
- FOAM / SCUM
- OIL SHEEN
- TRASH / LITTER
- NUISANCE ODOR
- SLUDGE DEPOSITS
- CSOs/SSOs/OUTFALLS

CJ RECREATION

- AREA DEPTH
- POOL: >100ft² >3ft

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 / SLUMPS
- ISLANDS / SCoured
- IMPOUNDED / DESICCATED
- FLOOD CONTROL / DRAINAGE

EJ ISSUES

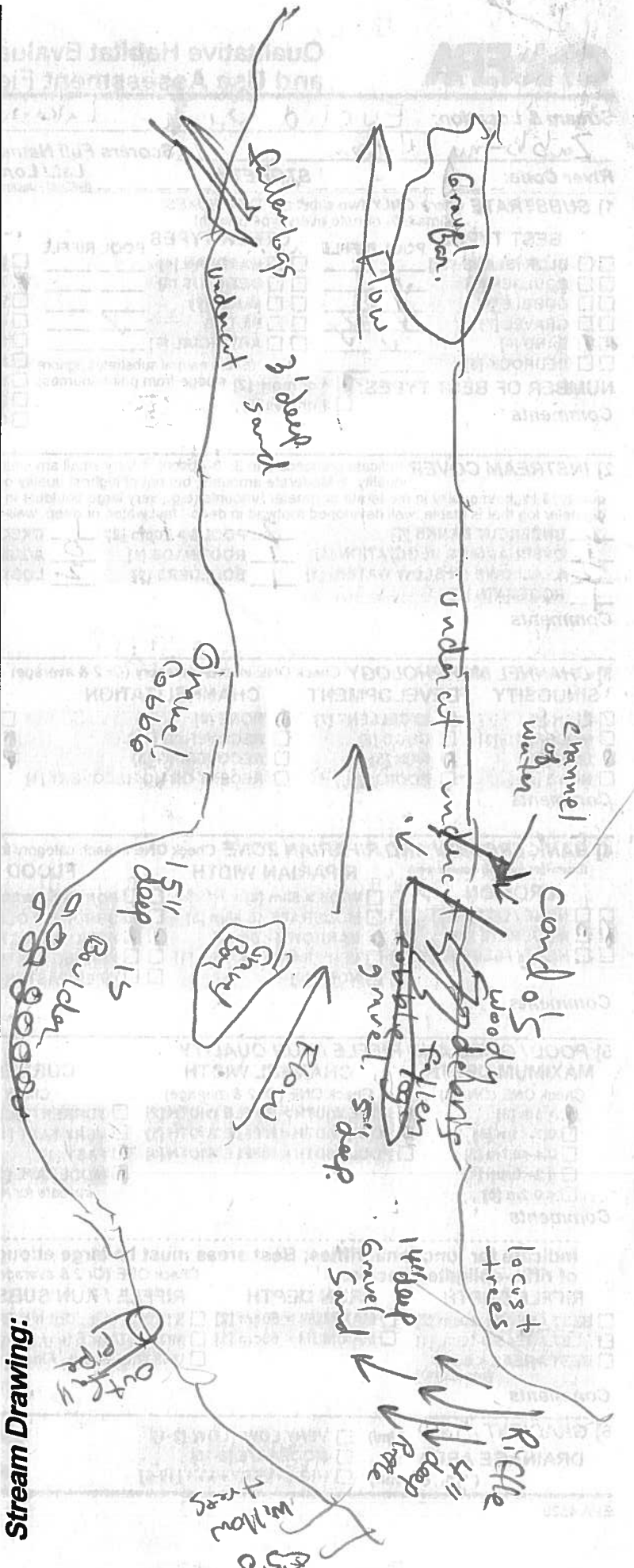
- WWTP / CSO / NPDES / INDUSTRY
- HARDENED / URBAN / DIRT&GRIME
- CONTAMINATED / LANDFILL
- BMPs-CONSTRUCTION-SEDIMENT
- LOGGING / IRRIGATION / COOLING
- BANK / EROSION / SURFACE
- FALSE BANK / MANURE / LAGOON
- WASH H₂O / TILE / H₂O TABLE
- ACID / MINE / QUARRY / FLOW
- NATURAL / WETLAND / STAGNANT
- PARK / GOLF / LAWN / HOME
- ATMOSPHERE / DATA PAUCITY

FJ MEASUREMENTS

- \bar{x} width
- \bar{x} depth
- max. depth
- \bar{x} bankfull width
- bankfull \bar{x} depth
- W/D ratio
- bankfull max. depth
- floodprone \bar{x}^2 width
- entrench. ratio

Legacy Tree:

Stream Drawing:





Qualitative Habitat Evaluation Index and Use Assessment Field Sheet

QHEI Score: 73.5

Stream & Location: Mill Creek 5 Miles Rd. **RM:** 8.30 **Date:** 9/2/15

River Code: Zabolny **Scorers Full Name & Affiliation:** Northeast Ohio Regional Sewer District
Lat./Long.: 41.4305 781.5442 **Office verified location:**

1] SUBSTRATE Check ONLY Two substrate TYPE BOXES: estimate % or note every type present

BEST TYPES		OTHER TYPES		ORIGIN		QUALITY	
<input type="checkbox"/> BLDR /SLABS [10]	<input checked="" type="checkbox"/> POOL RIFFLE	<input type="checkbox"/> HARDPAN [4]	<input checked="" type="checkbox"/> POOL RIFFLE	<input type="checkbox"/> LIMESTONE [1]	<input type="checkbox"/> HEAVY [-2]	<input type="checkbox"/> SILT	<input type="checkbox"/> MODERATE [-1]
<input type="checkbox"/> BOULDER [9]	<input checked="" type="checkbox"/>	<input type="checkbox"/> DETRITUS [3]	<input type="checkbox"/>	<input checked="" type="checkbox"/> TILLS [1]	<input checked="" type="checkbox"/> NORMAL [0]	<input type="checkbox"/> EMBEDDEDNESS	<input type="checkbox"/> EXTENSIVE [-2]
<input checked="" type="checkbox"/> COBBLE [8]	<input checked="" type="checkbox"/>	<input type="checkbox"/> MUCK [2]	<input type="checkbox"/>	<input type="checkbox"/> WETLANDS [0]	<input type="checkbox"/> FREE [1]		<input type="checkbox"/> MODERATE [-1]
<input checked="" type="checkbox"/> GRAVEL [7]	<input checked="" type="checkbox"/>	<input type="checkbox"/> SILT [2]	<input type="checkbox"/>	<input type="checkbox"/> HARDPAN [0]	<input type="checkbox"/> EXTENSIVE [-2]		<input type="checkbox"/> MODERATE [-1]
<input type="checkbox"/> SAND [6]	<input checked="" type="checkbox"/>	<input type="checkbox"/> ARTIFICIAL [0]	<input type="checkbox"/>	<input type="checkbox"/> SANDSTONE [0]	<input type="checkbox"/> MODERATE [-1]		<input type="checkbox"/> MODERATE [-1]
<input type="checkbox"/> BEDROCK [5]	<input type="checkbox"/>			<input type="checkbox"/> RIP/RAP [0]	<input type="checkbox"/> NORMAL [0]		<input type="checkbox"/> NONE [1]
NUMBER OF BEST TYPES: <input checked="" type="checkbox"/> 4 or more [2] <input type="checkbox"/> 3 or less [0]				SCORE natural substrates; ignore sludge from point-sources		<input type="checkbox"/> LACUSTURINE [0]	
Comments				<input type="checkbox"/> SHALE [-1]		<input type="checkbox"/> COAL FINES [-2]	

Substrate
17
Maximum 20

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.

2 UNDERCUT BANKS [1]	1 POOLS > 70cm [2]	0 OXBOWS, BACKWATERS [1]	Check ONE (Or 2 & average)
1 OVERHANGING VEGETATION [1]	1 ROOTWADS [1]	0 AQUATIC MACROPHYTES [1]	<input type="checkbox"/> EXTENSIVE >75% [11]
1 SHALLOWS (IN SLOW WATER) [1]	1 BOULDERS [1]	1 LOGS OR WOODY DEBRIS [1]	<input checked="" type="checkbox"/> MODERATE 25-75% [7]
1 ROOTMATS [1]			<input type="checkbox"/> SPARSE 5-<25% [3]
Comments			<input type="checkbox"/> NEARLY ABSENT <5% [1]

Cover
Maximum 20
16

3] CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average)

SINUOSITY	DEVELOPMENT	CHANNELIZATION	STABILITY
<input type="checkbox"/> HIGH [4]	<input type="checkbox"/> EXCELLENT [7]	<input checked="" type="checkbox"/> NONE [6]	<input type="checkbox"/> HIGH [3]
<input checked="" type="checkbox"/> MODERATE [3]	<input checked="" type="checkbox"/> GOOD [5]	<input type="checkbox"/> RECOVERED [4]	<input checked="" type="checkbox"/> MODERATE [2]
<input type="checkbox"/> LOW [2]	<input type="checkbox"/> FAIR [3]	<input type="checkbox"/> RECOVERING [3]	<input type="checkbox"/> LOW [1]
<input type="checkbox"/> NONE [1]	<input type="checkbox"/> POOR [1]	<input type="checkbox"/> RECENT OR NO RECOVERY [1]	
Comments			

Channel
Maximum 20
16

4] BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank & average)

EROSION	RIPARIAN WIDTH	FLOOD PLAIN QUALITY
<input type="checkbox"/> NONE / LITTLE [3]	<input type="checkbox"/> WIDE > 50m [4]	<input type="checkbox"/> FOREST, SWAMP [3]
<input checked="" type="checkbox"/> MODERATE [2]	<input checked="" type="checkbox"/> MODERATE 10-50m [3]	<input type="checkbox"/> SHRUB OR OLD FIELD [2]
<input checked="" type="checkbox"/> HEAVY / SEVERE [1]	<input type="checkbox"/> NARROW 5-10m [2]	<input checked="" type="checkbox"/> URBAN OR INDUSTRIAL [0]
	<input type="checkbox"/> VERY NARROW < 5m [1]	<input type="checkbox"/> RESIDENTIAL, PARK, NEW FIELD [1]
	<input type="checkbox"/> NONE [0]	<input type="checkbox"/> MINING / CONSTRUCTION [0]
		<input type="checkbox"/> FENCED PASTURE [1]
		<input type="checkbox"/> OPEN PASTURE, ROWCROP [0]
Comments		Indicate predominant land use(s) past 100m riparian

Riparian
Maximum 10
3.5

5] POOL / GLIDE AND RIFFLE / RUN QUALITY

MAXIMUM DEPTH	CHANNEL WIDTH	CURRENT VELOCITY	Recreation Potential
Check ONE (ONLY)	Check ONE (Or 2 & average)	Check ALL that apply	Primary Contact
<input checked="" type="checkbox"/> > 1m [6]	<input type="checkbox"/> POOL WIDTH > RIFFLE WIDTH [2]	<input type="checkbox"/> TORRENTIAL [-1]	Secondary Contact
<input type="checkbox"/> 0.7-<1m [4]	<input checked="" type="checkbox"/> POOL WIDTH = RIFFLE WIDTH [1]	<input checked="" type="checkbox"/> VERY FAST [1]	(circle one and comment on bank)
<input type="checkbox"/> 0.4-<0.7m [2]	<input type="checkbox"/> POOL WIDTH < RIFFLE WIDTH [0]	<input type="checkbox"/> SLOW [1]	
<input type="checkbox"/> 0.2-<0.4m [1]		<input type="checkbox"/> INTERSTITIAL [-1]	
<input type="checkbox"/> < 0.2m [0]		<input checked="" type="checkbox"/> FAST [1]	
Comments		<input checked="" type="checkbox"/> MODERATE [1]	
		<input type="checkbox"/> INTERMITTENT [-2]	
		<input type="checkbox"/> EDDIES [1]	
		<i>Indicate for reach - pools and riffles.</i>	

Pool / Current
Maximum 12
10

Indicate for functional riffles; Best areas must be large enough to support a population of riffle-obligate species:

RIFFLE DEPTH	RUN DEPTH	RIFFLE / RUN SUBSTRATE	RIFFLE / RUN EMBEDDEDNESS
<input type="checkbox"/> BEST AREAS > 10cm [2]	<input type="checkbox"/> MAXIMUM > 50cm [2]	<input type="checkbox"/> STABLE (e.g., Cobble, Boulder) [2]	<input type="checkbox"/> NONE [2]
<input checked="" type="checkbox"/> BEST AREAS 5-10cm [1]	<input checked="" type="checkbox"/> MAXIMUM < 50cm [1]	<input checked="" type="checkbox"/> MOD. STABLE (e.g., Large Gravel) [1]	<input type="checkbox"/> LOW [1]
<input type="checkbox"/> BEST AREAS < 5cm [metric=0]		<input type="checkbox"/> UNSTABLE (e.g., Fine Gravel, Sand) [0]	<input checked="" type="checkbox"/> MODERATE [0]
Comments			<input type="checkbox"/> EXTENSIVE [-1]

Riffle / Run
Maximum 8
3

6] GRADIENT (11.10 ft/mi)	<input type="checkbox"/> VERY LOW - LOW [2-4]	% POOL: <input type="text"/>	% GLIDE: <input type="text"/>	Gradient
DRAINAGE AREA (3.90 mi ²)	<input type="checkbox"/> MODERATE [6-10]	% RUN: <input type="text"/>	% RIFFLE: <input type="text"/>	Maximum
	<input checked="" type="checkbox"/> HIGH - VERY HIGH [10-6]			8

A) SAMPLED REACH

Check ALL that apply

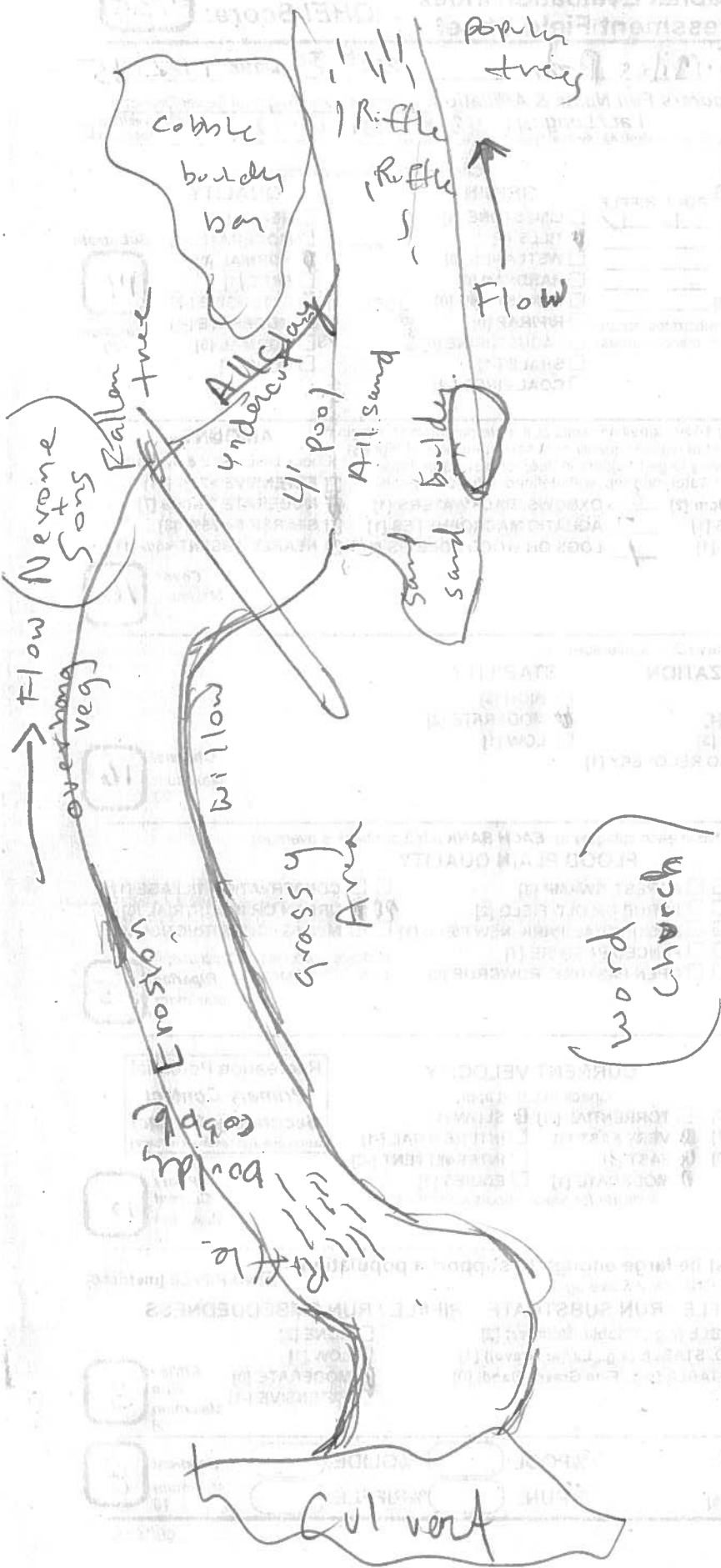
Comment RE: Reach consistency/Is reach typical of stream? Recreation/Observed - Inferred. Other/Sampling observations. Concerns. Access directions, etc.

- METHOD**
- BOAT
 - WADE
 - L. LINE
 - OTHER
- STAGE**
- HIGH
 - UP
 - NORMAL
 - LOW
 - DRY

- DISTANCE**
- 0.5 Km
 - 0.2 Km
 - 0.15 Km
 - 0.12 Km
 - OTHER
- CLARITY**
- 1st - sample pass - 2nd
 - < 20 cm
 - 20-40 cm
 - 40-70 cm
 - > 70 cm/CTB
 - SECCHI DEPTH

- CANOPY**
- > 85% - OPEN
 - 55% - < 85%
 - 30% - < 55%
 - 10% - < 30%
 - < 10% - CLOSED
- C) RECREATION**
- AREA: > 100m² > 3ft
- DEPTH: > 3ft

Stream Drawing:



B) AESTHETICS

- NUISANCE ALGAE
- INVASIVE MACROPHYTES
- EXCESS TURBIDITY
- DISCOLORATION
- FOAM / SCUM
- OIL SHEEN
- TRASH / LITTER
- NUISANCE ODOR
- SLUDGE DEPOSITS
- CSOS/SOS/OUTFALLS

D) 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 / SLUMPS
- ISLANDS / SCoured
- IMPounded / DESICCATED
- FLOOD CONTROL / DRAINAGE

Circle some & COMMENT

E) ISSUES

- WWTP / CSO / NPDES / INDUSTRY
- HARDENED / URBAN / DIRT&GRIME
- CONTAMINATED / LANDFILL
- BMPs-CONSTRUCTION-SEDIMENT
- LOGGING / IRRIGATION / COOLING
- BANK / EROSION / SURFACE
- FALSE BANK / MANURE / LAGOON
- WASH H₂O / TILE / H₂O TABLE
- ACID / MINE / QUARRY / FLOW
- NATURAL / WETLAND / STAGNANT
- PARK / GOLF / LAWN / HOME
- ATMOSPHERE / DATA PAUCITY

F) MEASUREMENTS

- \bar{x} width
 - \bar{x} depth
 - max. depth
 - \bar{x} bankfull width
 - bankfull \bar{x} depth
 - W/D ratio
 - bankfull max. depth
 - floodprone \bar{x}^2 width
 - entrench. ratio
- Legacy Tree:

Stream & Location: Mill Cr @ Canal Rd

RM: 0.12 Date: 08/05/15

Jonathan Brauer, Seth Nothem Scorers Full Name & Affiliation: Northeast Ohio Regional Sewer District

River Code: - STORET #: - Lat./ Long.: 41.4179 / 81.6385 Office verified location

1] SUBSTRATE Check ONLY Two substrate TYPE BOXES; estimate % or note every type present. Check ONE (Or 2 & average). BEST TYPES: BLDR /SLABS [10], BOULDER [9], COBBLE [8], GRAVEL [7], SAND [6], BEDROCK [5]. OTHER TYPES: HARDPAN [4], DETRITUS [3], MUCK [2], SILT [2], ARTIFICIAL [0]. ORIGIN: LIMESTONE [1], TILLS [1], WETLANDS [0], HARDPAN [0], SANDSTONE [0], RIP/RAP [0], LACUSTURINE [0], SHALE [-1], COAL FINES [-2]. QUALITY: HEAVY [-2], MODERATE [-1], NORMAL [0], FREE [1], EXTENSIVE [-2], MODERATE [-1], NORMAL [0], NONE [1]. Substrate Maximum 20. Score: 16.

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. AMOUNT: EXTENSIVE >75% [11], MODERATE 25-75% [7], SPARSE 5-<25% [3], NEARLY ABSENT <5% [1]. Comments: Comments. Cover Maximum 20. Score: 8.

3] CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average). SINUOSITY: HIGH [4], MODERATE [3], LOW [2], NONE [1]. DEVELOPMENT: EXCELLENT [7], GOOD [5], FAIR [3], POOR [1]. CHANNELIZATION: NONE [6], RECOVERED [4], RECOVERING [3], RECENT OR NO RECOVERY [1]. STABILITY: HIGH [3], MODERATE [2], LOW [1]. Channel Maximum 20. Score: 14.

4] BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank & average). River right looking downstream. EROSION: NONE / LITTLE [3], MODERATE [2], HEAVY / SEVERE [1]. RIPARIAN WIDTH: WIDE > 50m [4], MODERATE 10-50m [3], NARROW 5-10m [2], VERY NARROW < 5m [1], NONE [0]. FLOOD PLAIN QUALITY: FOREST, SWAMP [3], SHRUB OR OLD FIELD [2], RESIDENTIAL, PARK, NEW FIELD [1], FENCED PASTURE [1], OPEN PASTURE, ROWCROP [0]. CONSERVATION TILLAGE [1], URBAN OR INDUSTRIAL [0], MINING / CONSTRUCTION [0]. Comments: Comments. Riparian Maximum 10. Score: 6.25.

5] POOL / GLIDE AND RIFFLE / RUN QUALITY MAXIMUM DEPTH: > 1m [6], 0.7-<1m [4], 0.4-<0.7m [2], 0.2-<0.4m [1], < 0.2m [0]. CHANNEL WIDTH: POOL WIDTH > RIFFLE WIDTH [2], POOL WIDTH = RIFFLE WIDTH [1], POOL WIDTH < RIFFLE WIDTH [0]. CURRENT VELOCITY: TORRENTIAL [-1], SLOW [1], VERY FAST [1], INTERSTITIAL [-1], FAST [1], INTERMITTENT [-2], MODERATE [1], EDDIES [1]. Recreation Potential: Primary Contact, Secondary Contact. Pool / Current Maximum 12. Score: 10.

Indicate for functional riffles; Best areas must be large enough to support a population of riffle-obligate species: Check ONE (Or 2 & average). NO RIFFLE [metric=0]. RIFFLE DEPTH: BEST AREAS > 10cm [2], BEST AREAS 5-10cm [1], BEST AREAS < 5cm [metric=0]. RUN DEPTH: MAXIMUM > 50cm [2], MAXIMUM < 50cm [1]. RIFFLE / RUN SUBSTRATE: STABLE [2], MOD. STABLE [1], UNSTABLE [0]. RIFFLE / RUN EMBEDDEDNESS: NONE [2], LOW [1], MODERATE [0], EXTENSIVE [-1]. Riffle / Run Maximum 8. Score: 6.

6] GRADIENT (10.20 ft/mi) DRAINAGE AREA (19.50 mi^2). VERY LOW - LOW [2-4], MODERATE [6-10], HIGH - VERY HIGH [10-6]. %POOL: [] %GLIDE: [] %RUN: [] %RIFFLE: []. Gradient Maximum 10. Score: 10.

AJ SAMPLED REACH

Comment RE: Reach consistency/ Is reach typical of stream?, Recreation/ Observed - Inferred, Other/ Sampling observations, C

Check ALL that apply

METHOD

- BOAT
- WADE
- L. LINE
- OTHER

STAGE

- 1st -sample pass- 2nd
- HIGH
- UP
- NORMAL
- LOW
- DRY

DISTANCE

- 0.5 Km
- 0.2 Km
- 0.15 Km
- 0.12 Km
- OTHER

CLARITY

- 1st --sample pass-- 2nd
- < 20 cm
- 20-<40 cm
- 40-70 cm
- > 70 cm/ CTB
- SECCHI DEPTH

CANOPY

- 1st pass _____ cm
- 2nd pass _____ cm
- > 85%- OPEN
- 55%-<85%
- 30%-<55%
- 10%-<30%
- <10%- CLOSED

CJ RECREATION

AREA DEPTH

POOL: >100ft² >3ft

BJ AESTHETICS

- NUISANCE ALGAE
- INVASIVE MACROPHYTES
- EXCESS TURBIDITY
- DISCOLORATION
- FOAM / SCUM
- OIL SHEEN
- TRASH / LITTER
- NUISANCE ODOR
- SLUDGE DEPOSITS
- CSOs/SSOs/OUTFALLS

DJ MAINTENANCE

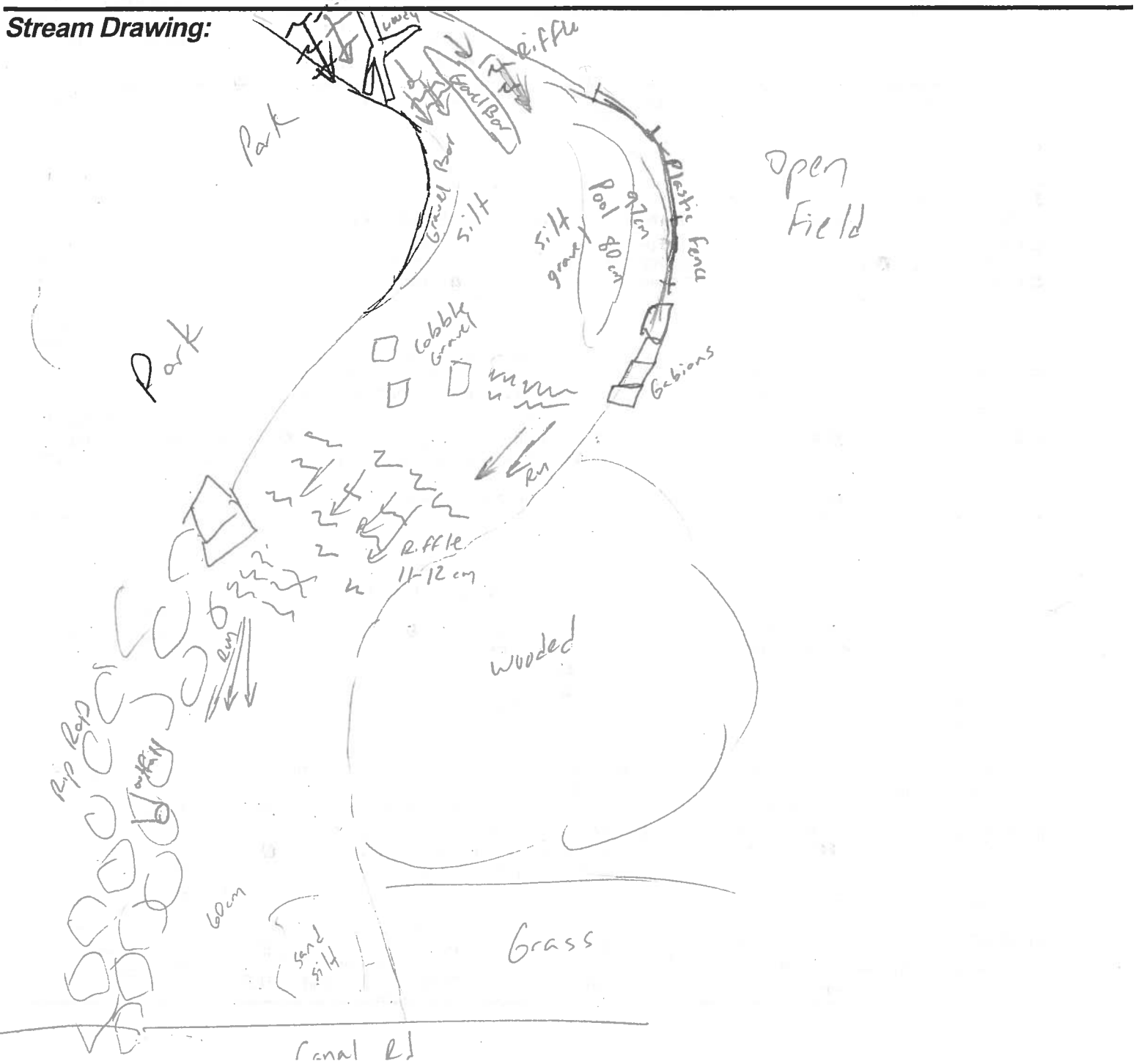
- PUBLIC / PRIVATE / BOTH / NA
- ACTIVE / HISTORIC / BOTH / NA
- YOUNG-SUCCESSION-OLD
- SPRAY / SNAG / REMOVED
- MODIFIED / DIPPED OUT / NA
- LEVEED / ONE SIDED
- RELOCATED / CUTOFFS
- MOVING-BEDLOAD-STABLE
- ARMOURED / SLUMPS
- ISLANDS / SCOURED
- IMPOUNDED / DESICCATED
- FLOOD CONTROL / DRAINAGE

Circle some & COMMENT

EJ ISSUE:

- WWTP / CSO / NPDES /
- HARDENED / URBAN / D
- CONTAMINATED / L/
- BMPs-CONSTRUCTION
- LOGGING / IRRIGATION
- BANK / EROSION / S
- FALSE BANK / MANURE
- WASH H₂O / TILE / H₂
- ACID / MINE / QUARR
- NATURAL / WETLAND /
- PARK / GOLF / LAWN
- ATMOSPHERE / DATA

Stream Drawing:



"excellent"

Stream & Location: West Creek RM 2.10

RM: 2.10 Date: 07/02/15

Donna Friedman

Scorer's Full Name & Affiliation: Northeast Ohio Regional Sewer District

River Code: STORET #:

Lat./Long. 41.103 81.6943

Office verified location

1] SUBSTRATE Check ONLY Two substrate TYPE BOXES; estimate % or note every type present

Check ONE (Or 2 & average)

Substrate assessment grid with categories: BEST TYPES, OTHER TYPES, POOL RIFFLE, ORIGIN, QUALITY. Includes checkboxes for BLDR/SLABS, BOULDER, COBBLE, GRAVEL, SAND, BEDROCK, etc.

NUMBER OF BEST TYPES: 8+10+2

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

AMOUNT

Check ONE (Or 2 & average)

Instream Cover assessment grid with categories: UNDERCUT BANKS, OVERHANGING VEGETATION, SHALLOWS, ROOTMATS, POOLS, ROOTWADS, BOULDERS, OXBOWS, AQUATIC MACROPHYTES, LOGS OR WOODY DEBRIS.

Comments: 6+9

Channel Maximum 20

3] CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average)

Channel Morphology assessment grid with categories: SINUOSITY, DEVELOPMENT, CHANNELIZATION, STABILITY.

Comments: 1+5+4+3

Channel Maximum 20

4] BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank & average)

Bank Erosion and Riparian Zone assessment grid with categories: EROSION, RIPARIAN WIDTH, FLOOD PLAIN QUALITY.

Comments: 2.5+2.5+0

Riparian Maximum 10

5] POOL / GLIDE AND RIFFLE / RUN QUALITY

Pool/Glide and Riffle/Run Quality assessment grid with categories: MAXIMUM DEPTH, CHANNEL WIDTH, CURRENT VELOCITY.

Comments: 6+0+4

Recreation Potential Primary Contact Secondary Contact

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).

NO RIFFLE [metric=0]

Riffle/Run Quality assessment grid with categories: RIFFLE DEPTH, RUN DEPTH, RIFFLE / RUN SUBSTRATE, RIFFLE / RUN EMBEDDEDNESS.

Comments

Riffle / Run Maximum 8

6] GRADIENT (36.4 ft/mi) DRAINAGE AREA (8.7 mi^2)

%POOL: %GLIDE: %RUN: %RIFFLE:

Gradient Maximum 10

AJ SAMPLED REACH

Check ALL that apply

METHOD

- BOAT
 - WADE
 - L. LINE
 - OTHER
- DISTANCE**
- 0.5 Km
 - 0.2 Km
 - 0.15 Km
 - 0.12 Km
 - OTHER

STAGE

- 1st -sample pass-- 2nd
- HIGH
- UP
- NORMAL
- LOW
- DRY

CLARITY

- 1st --sample pass-- 2nd
- < 20 cm
- 20-40 cm
- 40-70 cm
- > 70 cm/ CTB
- SECCHI DEPTH

CANOPY

- > 85%- OPEN
- 55%-85%
- 30%-55%
- 10%-30%
- <10%-CLOSED

CJ RECREATION

- AREA DEPTH
- POOL: >100ft² >3ft

BJAESTHETICS

- NUISANCE ALGAE
- INVASIVE MACROPHYTES
- EXCESS TURBIDITY
- DISCOLORATION
- FOAM/ SCUM
- OIL SHEEN
- TRASH//LITTER
- NUISANCE ODOR
- SLUDGE DEPOSITS
- CSOs/SSOs/OUTFALLS

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 / SLUMPS
- ISLANDS / SCoured
- IMPOUNDED / DESICCATED
- FLOOD CONTROL / DRAINAGE

EJ ISSUES

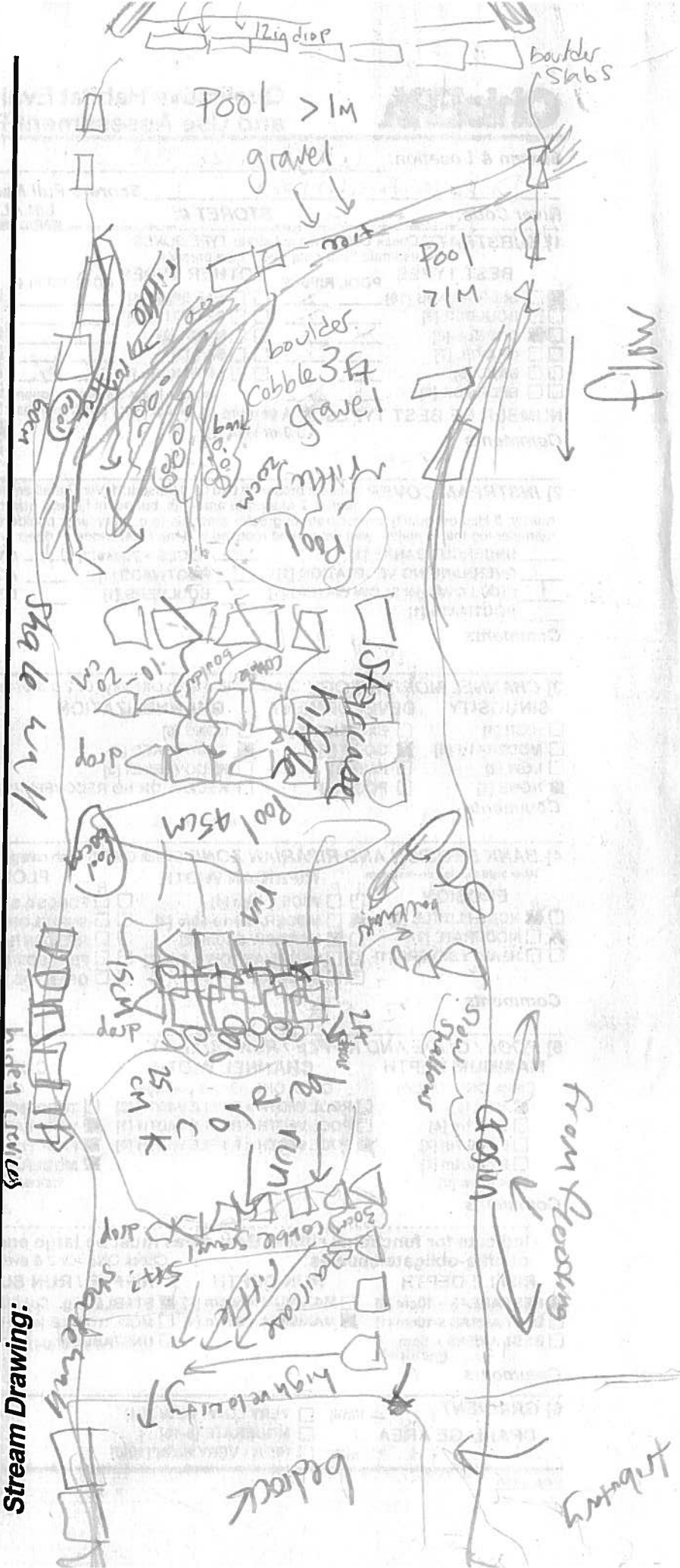
- WWTP / CSO / NPDES / INDUSTRY
- HARDENED / URBAN / DIRT&GRIME
- CONTAMINATED / LANDFILL
- BMPs-CONSTRUCTION-SEDIMENT
- LOGGING / IRRIGATION / COOLING
- BANK / EROSION / SURFACE
- FALSE BANK / MANURE / LAGOON
- WASH H₂O / TILE / H₂O TABLE
- ACID / MINE / QUARRY / FLOW
- NATURAL / WETLAND / STAGNANT
- PARK / GOLF / LAWN / HOME
- ATMOSPHERE / DATA PAUCITY

FJ MEASUREMENTS

- width
- depth
- max. depth
- bankfull width
- bankfull depth
- W/D ratio
- bankfull max. depth
- floodprone x² width
- entrench. ratio

Legacy Tree:

Stream Drawing:



Stream & Location: West Creek

RM: 0.20 Date: 7/24/15

Zublotny/Bogdan

Scorers Full Name & Affiliation: Northeast Ohio Regional Sewer District

River Code: -

STORET #: -

Lat./ Long.: 41.45181, -81.6477

Office verified location

1) SUBSTRATE Check ONLY Two substrate TYPE BOXES; estimate % or note every type present

Check ONE (Or 2 & average)

Substrate assessment grid with categories: BEST TYPES, OTHER TYPES, ORIGIN, and QUALITY. Includes checkboxes for BLDR/SLABS, BOULDER, COBBLE, GRAVEL, SAND, BEDROCK, etc.

NUMBER OF BEST TYPES: 4 or more [2]

Comments

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

AMOUNT

Check ONE (Or 2 & average)

Instream Cover assessment grid with categories: UNDERCUT BANKS, OVERHANGING VEGETATION, SHALLOWS, ROOTMATS, POOLS, ROOTWADS, BOULDERS, OXBOWS, BACKWATERS, AQUATIC MACROPHYTES, LOGS OR WOODY DEBRIS.

Comments

3) CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average)

Channel Morphology assessment grid with categories: SINUOSITY, DEVELOPMENT, CHANNELIZATION, STABILITY.

Comments

4) BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank & average)

Bank Erosion and Riparian Zone assessment grid with categories: EROSION, RIPARIAN WIDTH, FLOOD PLAIN QUALITY.

Comments

5) POOL / GLIDE AND RIFFLE / RUN QUALITY

MAXIMUM DEPTH

CHANNEL WIDTH

CURRENT VELOCITY

Recreation Potential Primary Contact Secondary Contact

Pool/Glide and Riffle/Run Quality assessment grid with checkboxes for depth, width, and velocity.

Comments

Indicate for functional riffles; Best areas must be large enough to support a population of riffle-obligate species:

Check ONE (Or 2 & average)

NO RIFFLE [metric=0]

Riffle/Run Quality assessment grid with categories: RIFFLE DEPTH, RUN DEPTH, RIFFLE / RUN SUBSTRATE, RIFFLE / RUN EMBEDDEDNESS.

Comments

6) GRADIENT (5.4 ft/mi) DRAINAGE AREA (13.2 mi^2)

%POOL: %GLIDE: %RUN: %RIFFLE:

Gradient Maximum 10

AJ SAMPLED REACH

Check ALL that apply

METHOD

- BOAT
- WADE
- L. LINE
- OTHER

DISTANCE

- 0.5 Km
- 0.2 Km
- 0.15 Km
- 0.12 Km
- OTHER

CLARITY

- 1st -sample pass- 2nd
- < 20 cm
- 20-40 cm
- 40-70 cm
- > 70 cm/ CTB
- SECCHI DEPTH

CANOPY

- > 85% - OPEN
- 55% - 85%
- 30% - 55%
- 10% - 30%
- < 10% - CLOSED

CJ RECREATION

AREA DEPTH POOL: > 100ft? > 3ft

BJAESTHETICS

- NUISANCE ALGAE
- INVASIVE MACROPHYTES
- EXCESS TURBIDITY
- DISCOLORATION
- FOAM / SCUM
- OIL SHEEN
- TRASH / LITTER
- NUISANCE ODOR
- SLUDGE DEPOSITS
- CSOs/SSOs/OUTFALLS

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
- ARMOURD / SLUMPS
- ISLANDS / SCoured
- IMPOUNDED / DESICCATED
- FLOOD CONTROL / DRAINAGE

EJ ISSUES

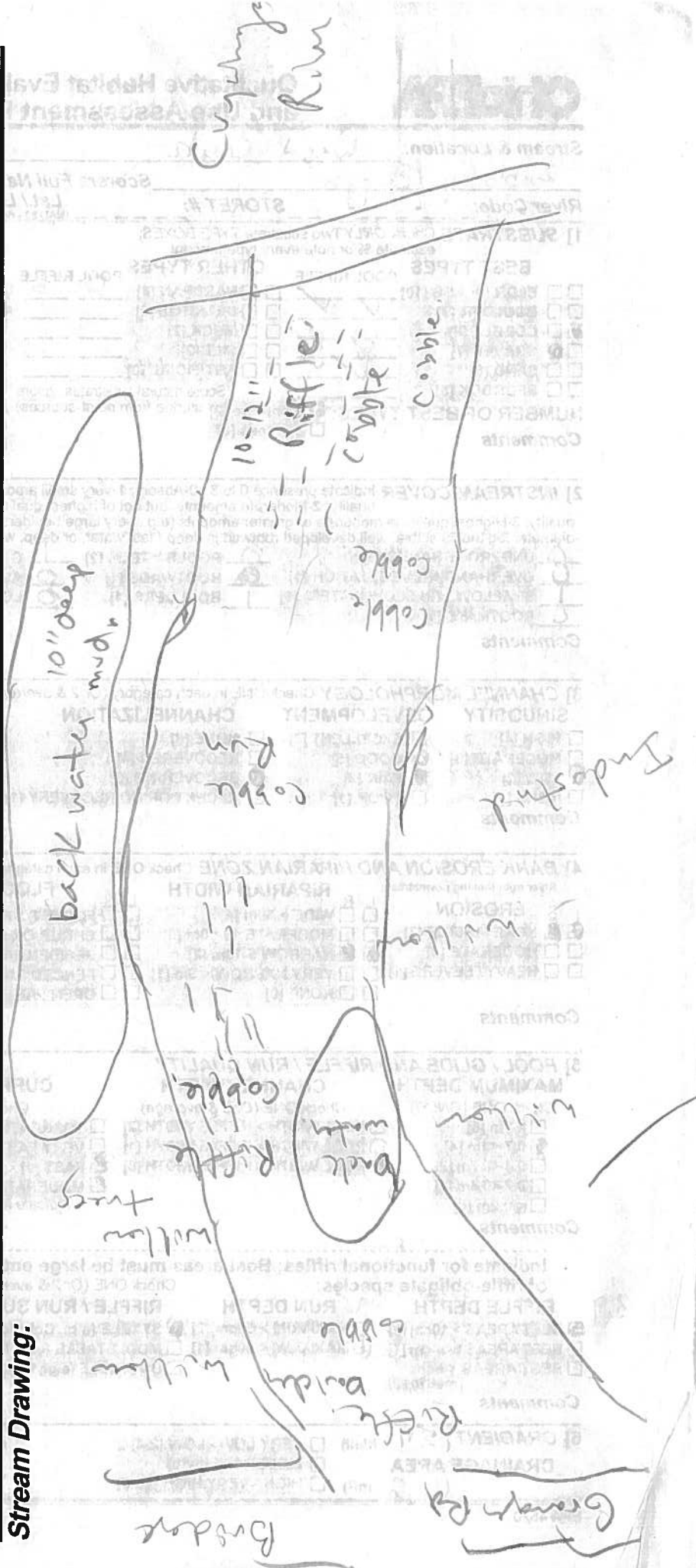
- WWTP / CSO / NPDES / INDUSTRY
- HARDENED / URBAN / DIRT&GRIME
- CONTAMINATED / LANDFILL
- BMPs-CONSTRUCTION-SEDIMENT
- LOGGING / IRRIGATION / COOLING
- BANK / EROSION / SURFACE
- FALSE BANK / MANURE / LAGOON
- WASH H₂O / TILE / H₂O TABLE
- ACID / MINE / QUARRY / FLOW
- NATURAL / WETLAND / STAGNANT
- PARK / GOLF / LAWN / HOME
- ATMOSPHERE / DATA PAUCITY

FJ MEASUREMENTS

- \bar{x} width
- \bar{x} depth
- max. depth
- bankfull width
- bankfull \bar{x} depth
- W/D ratio
- bankfull max. depth
- floodprone \bar{x} width
- entrench. ratio

Legacy Tree:

Stream Drawing:



Comment RE: Reach consistency/Is reach typical of stream?, Recreation/Observed - Inferred, Other/Sampling observations, Concerns, Access directions, etc.

Attachment D
2015 Macroinvertebrate Field Sheets

NEORSD Macroinvertebrate Field Sheet

Stream: Big Creek River Mile: 4.40 Year: 2015
 Location: Memphis Tiedeman Park Project: 2015 Big Creek Enviro. Monitoring
 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. Charles J. Knittle
 Current at HD (fps): 1.25 Depth (cm): 16.5 Pictures Obtained: Yes No
 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. Knittle E. Sochalen*

HD Condition- *not recovered missing* Current (fps): _____ Depth (cm): _____ Water Temp: _____ °F/°C
 Number of HD Blocks Obtained: 3 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): 110
 Habitats Sampled: Pool Riffle Run Margin Backwater

Samples Analyzed By: _____ QDC #: _____ Date: _____

River Sampling Conditions

Flow Condition:	Flood	Above Normal	<u>Normal</u>	Low	Interstitial	Intermittent	Dry
Current Velocity:	<u>Fast</u>	<u>Moderate</u>	<u>Slow</u>	Non-detect			
Channel Morphology:	<u>Natural</u>	<u>Channelized</u>	<u>Channelized (Recovered)</u>	Impounded			
Bank Erosion:	<u>Extensive</u>	<u>Moderate</u>	Slight	None			
Riffle Development:	<u>Extensive</u>	Moderate	Sparse	Absent			
Riffle Quality:	<u>Good</u>	Fair	Poor	Embedded:	Yes	No	
Water Clarity:	<u>Clear</u>	Murky	Turbid	Other:			
Water Color:	<u>None</u>	Green	Brown	Grey	Other:		
Canopy:	<u>Open</u>	75 %	50 %	25 %	Closed		

Comment Section: _____

Physical Characteristics

Substrate Characteristics

	Pool Units	Riffle Units	Run Units
Bedrock		X	X
Boulder		X	X
Rubble		X	X
Coarse Gravel		X	X
Fine Gravel		X	X
Sand		X	X
Silt			
Clay/Hardpan			
Detritus			
Peat			
Muck			
Other			
Macrophytes			
Algae			
Artifacts		X	X
Compaction (F,M,S)		F	F
Depth (Avg)		1'	6"
Width (Avg)		10'	15'

Predominant Land Use (Left, Right or Both)

Forest	Urban	Open Pasture
Shrub	Residential/Park	Closed Pasture
Old Field	Mining/Construction	
Rowcrop	Wetland	
Industrial	Other	

Predominant Riparian Vegetation

Left	Right	Type
_____	_____	Large Trees
_____	_____	Small Trees
_____	X	Shrubs
X	_____	Grass/Weeds
_____	_____	None

Margin Habitat

Margin Quality:	Good	Fair	Poor
Undercut Banks		Root Mats	
Grass		Water Willow	
Shallows		Clay/Hardpan	
Rip Rap		Bulkhead	
Other	_____		

Biological Characteristics

Riffle:

Predominant Organism: Baetidae
 Other Common Organisms: Hydropsychidae
 Density: High Moderate Low
 Diversity: High Moderate Low

Run:

Predominant Organism: Baetidae
 Other Common Organisms: Oligochaeta
 Density: High Moderate Low
 Diversity: High Moderate Low

Pool:

Predominant Organism: _____
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Margin:

Predominant Organism: Damselfly
 Other Common Organisms: Scuds
 Density: High Moderate Low
 Diversity: High Moderate Low

Other Notable Collections:

V= Very Abundant; A= Abundant; C= Common; R= Rare

Overall Amount (V=>151; A= 150-101; C= 100-11; R= 10-1)

1	Porifera, Bryozoa
R/C/R+	Turbellaria, Oligochaeta, Hirudinea
C/C-	Isopoda, Amphipoda
R	Decapoda, Hydracarina
	Ephemeroptera
C+	Baetidae
	Other _____
C-	Zygotera, Anisoptera
	Plecoptera
	Hemiptera
1	Megaloptera, Neuroptera
	Trichoptera
C-	Hydropsychidae
R	Other <u>misc</u>
	Coleoptera
	Elimidae
	Other _____
	Diptera
C-	Chironomidae
R/R	Other <u>mosquito/black fly</u>
1	Gastropoda, Bivalvia
	Other _____
	Other _____
	Other _____

Field Narrative Rating: E VG G MG F P VP

NEORS D Macroinvertebrate Field Sheet

Stream: Big Creek River Mile: 0.15 Year: 2015
 Location: DS of Jennings Rd Project: NEORS D 2015 Big Creek Bio Monitoring
 Drainage Area (mi²): 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. Matichuk E. Spinkman
 Current at HD (fps): 0.31 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: 15H001 Qualitative: 15Q002 Other: _____
 Sampling Date: 09-03-15 @ 1055 Crew (QDC Circled): R. Matichuk D. Phillips

OEPA Comment Field Codes: _____ Water Temp: _____ °C / °F

HD Condition- Current (fps): 0.03 Depth (cm): Surface HD Info: 1-2 HD in water appears one plate dry
 Number of HD Blocks Obtained: _____ Remarks: _____
 Disturbed: Yes No Debris: Yes No Comments: leaves, twigs
 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): 40 X Number of Crew: 2 = Total (min): 80
 Start Time: 11:20am End Time: 12:00pm Notes: _____
 Habitats Sampled: Pool Riffle Run Margin Backwater

River Sampling Conditions

Flow Condition:	Flood	Above Normal	<u>Normal</u>	Low	Interstitial	Intermittent	Dry
Current Velocity:	Fast	Moderate	<u>Slow</u>	Non-detect			
Channel Morphology:	Natural	Channelized	<u>Channelized (Recovered)</u>		Impounded		
Bank Erosion:	<u>Extensive</u>	Moderate	Slight	None			
Riffle Development:	Extensive	Moderate	<u>Sparse</u>	Absent			
Riffle Quality:	Good	Fair	<u>Poor</u>		Embedded:	<u>Yes</u>	No
Water Clarity:	<u>Clear</u>	Murky	Turbid		Other:	_____	
Water Color:	<u>None</u>	Green	Brown	Grey	Other:	_____	
Canopy over HD:	Open	75 %	<u>50 %</u>	25 %	Closed		

Comment Section: Habitat continues to degrade.

Samples Analyzed By: _____ QDC #: _____ Date: _____
 Company/Entity: _____

NEORSD Macroinvertebrate Field Sheet

Physical Characteristics

Substrate Characteristics

	Pool Units	Riffle Units	Run Units
Bedrock			
Boulder			
Rubble			
Coarse Gravel	✓	✓	✓
Fine Gravel	✓	✓	✓
Sand	✓	✓	✓
Silt	✓		
Clay/Hardpan	✓		✓
Detritus			
Peat			
Muck			
Other			
Macrophytes			
Algae		✓	✓
Artifacts	✓	✓	✓
Compaction (F,M,S)	S	M	M
Depth (Avg)	3 ft	6 in	10 in
Width (Avg)	20 ft	8 ft	10 ft

Predominant Land Use (Left, Right or Both)

Forest	Urban	Open Pasture
Shrub	Residential/Park	Closed Pasture
Old Field	Mining/Construction	
Rowcrop	Wetland	
<u>Industrial</u>	Other	

Predominant Riparian Vegetation

Left	Right	Type	Riparian Width
_____	_____	Large Trees	Left: _____
_____	✓	Small Trees	Right: _____
_____	_____	Shrubs	Units: _____
_____	_____	Grass/Weeds	
✓	_____	None	

Margin Habitat

Undercut Banks	<u>Root Mats</u>	Tree Roots	
Grass	Water Willow	<u>Woody Debris</u>	
Shallows	Clay/Hardpan	Macrophytes	
Rip Rap	Bulkhead		
Other	_____		
Margin Quality:	Good	Fair	<u>Poor</u>

Evidence of Pollution: Trash
 Potential Pollution Sources: Urban

Biological Characteristics

Riffle: 20 %
 Predominant Organism: Mayflies
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Run: 40 %
 Predominant Organism: Mayflies
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Pool: 40 %
 Predominant Organism: Midges
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Margin: _____ %
 Predominant Organism: Midges
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

V= Very Abundant; A= Abundant; C= Common; R= Rare
 Overall Amount (V=>151; A= 150-101; C= 100-11; R= 10-1)

/	Porifera, Bryozoa
<u>A/R</u>	Turbellaria, Oligochaeta, Hirudinea
<u>A</u>	Isopoda, Amphipoda
<u>R</u>	Decapoda, Hydracarina
	Ephemeroptera
<u>C</u>	Baetidae
<u>/</u>	Heptageniidae, Leptohiphidae, Caenidae
	Other _____
<u>A</u>	Zygoptera, Anisoptera
	Plecoptera
	Hemiptera
<u>/</u>	Megaloptera, Neuroptera
	Trichoptera
<u>R</u>	Hydropsychidae
<u>R</u>	Hydroptilidae, Leptoceridae
	Other _____
	Coleoptera
	Elimidae
<u>R</u>	Other <u>Halp</u>
	Diptera
<u>C</u>	Chironomidae
<u>A/R</u>	Tipulidae, Simuliidae
<u>R</u>	Other <u>Misc</u>
<u>R</u>	Gastropoda, Bivalvia
	Other _____

Other Notable Collections: _____

Field Narrative Rating: E VG G MG F P VP

NEORSD Macroinvertebrate Field Sheet

Stream: Loyaloga River River Mile: 12.10 Year: 2015
 Location: UP of I-480 Bridge Project: NEORSD 2015 Loyaloga R. Env. Monitoring
 Drainage Area (mi²): 709 Latitude (°N)/Longitude (°W): 41.4077, -81.6336
 Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: EOLP

Hester-Dendy Deployment Information

Install Date: 07-30-15 @ 1053 Crew (QDC Circled): Z. Marchle E. Schinken J. Klopach
 Current at HD (fps): 1.49 Depth (cm): 23 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: 15H029 Qualitative: 15Q030 Other: _____
 Sampling Date: 09-10-15 @ 1415 Crew (QDC Circled): Z. Marchle E. Schinken
 OEPA Comment Field Codes: _____ Water Temp: 24.0 °C °F

HD Condition- Current (fps): 0.92 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): 60 X Number of Crew: 2 = Total (min): 120
 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: Bert Remley QDC #: 00873 Date: 10/27/15
 Company/Entity: Third Rock Consultants, LLC

NEORS Macroinvertebrate Field Sheet

Physical Characteristics

Substrate Characteristics			Predominant Land Use (Left, Right or Both)		
	Pool	Riffle	Forest	Urban	Open Pasture
	Units	Units	Shrub	Residential/Park	Closed Pasture
			Old Field	Mining/Construction	
Bedrock			Rowcrop	Wetland	
Boulder			<u>Industrial</u>	Other	
Rubble					
Coarse Gravel					
Fine Gravel					
Sand					
Silt					
Clay/Hardpan					
Detritus					
Peat					
Muck					
Other					
Macrophytes					
Algae					
Artifacts					
Compaction (F,M,S)					
Depth (Avg)					
Width (Avg)					

Predominant Riparian Vegetation			Riparian Width
Left	Right	Type	Left: _____
_____	_____	Large Trees	
_____	_____	Small Trees	Right: _____
_____	_____	Shrubs	
_____	_____	Grass/Weeds	Units: _____
_____	_____	None	

Margin Habitat			
Undercut Banks	Root Mats	Tree Roots	
Grass	Water Willow	Woody Debris	
Shallows	Clay/Hardpan	Macrophytes	
Rip Rap	Bulkhead		
Other			
Margin Quality:	Good	Fair	Poor

Evidence of Pollution: _____
Potential Pollution Sources: _____

Biological Characteristics

Riffle: _____ %
 Predominant Organism: _____
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Run: 100 %
 Predominant Organism: Baetidae
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Pool: _____ %
 Predominant Organism: _____
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Margin: _____ %
 Predominant Organism: Scuds
 Other Common Organisms: Elmidae
 Density: High Moderate Low
 Diversity: High Moderate Low

V= Very Abundant; A= Abundant; C= Common; R= Rare
 Overall Amount (V=>151; A= 150-101; C= 100-11; R= 10-1)

<u>1R</u>	Porifera, Bryozoa
<u>RTR</u>	Turbellaria, Oligochaeta, Hirudinea
<u>1C</u>	Isopoda, Amphipoda
<u>1R</u>	Decapoda, Hydracarina
	Ephemeroptera
<u>1+</u>	Baetidae
<u>CET</u>	Heptageniidae, Leptohyphidae, Caenidae
	Other _____
<u>R+1B</u>	Zygoptera, Anisoptera
<u>R?</u>	Plecoptera
<u>R</u>	Hemiptera <u>water scorpion and boat wren</u>
<u>1</u>	Megaloptera, Neuroptera
	Trichoptera
<u>1</u>	Hydropsychidae
<u>R/R</u>	Hydroptilidae, Leptoceridae
	Other _____
	Coleoptera
<u>e+</u>	Elmidae
	Other _____
	Diptera
<u>C</u>	Chironomidae
<u>1R+</u>	Tipulidae, Simuliidae
	Other _____
<u>R/R</u>	Gastropoda, Bivalvia
<u>R</u>	Other <u>Mollusca</u>

Other Notable Collections: 2 sp live Dolanidae obtain
Pictura

Field Narrative Rating: E VG G MG F P VP

NEORS D Macroinvertebrate Field Sheet

Stream: Cuyahoga River River Mile: 7.00 Year: 2015
 Location: DS Lower Harbor Project: 2015 NEORS Cuyahoga R. ERM Monitoring
 Drainage Area (mi²): 786 Latitude (°N)/Longitude (°W): 41.4489, -81.6830
 Site Type: WWH EWH LWR Coldwater Lacustrary Eco-Region: EOLP

Hester-Dendy Deployment Information

Install Date: 07-30-15 @ 1443hr Crew (QDC Circled): Z. Maichle E. Sochulka
 Current at HD (fps): 1.42 Depth (cm): 33 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: 15Q019 Other: _____
 Sampling Date: 09-10-15 @ 1030 Crew (QDC Circled): Z. Maichle E. Sochulka
 OEPA Comment Field Codes: X15 (Current < 0.3) Water Temp: 22.9 °C °F

HD Condition- Current (fps): 0.12 Depth (cm): 1.0 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: 5 Remarks: _____
 Disturbed: Yes No Debris: Yes No Comments: _____
 Silt/Solids: None Slight Moderate Heavy

Dipnet- Time Sampled (min): 30 X Number of Crew: 2 = Total (min): 60
 Start Time: 10:45 End Time: 11:15 Notes: _____
 Habitats Sampled: Pool Riffle Run Margin Backwater

River Sampling Conditions

Flow Condition:	Flood	Above Normal	<u>Normal</u>	Low	Interstitial	Intermittent	Dry
Current Velocity:	Fast	Moderate	<u>Slow</u>	Non-detect			
Channel Morphology:	<u>Natural</u>	Channelized	Channelized (Recovered)	Impounded			
Bank Erosion:	<u>Extensive</u>	Moderate	Slight	None			
Riffle Development:	Extensive	Moderate	Sparse	<u>Absent</u>			
Riffle Quality:	Good	Fair	<u>Poor</u>	Embedded:	<u>Yes</u>	No	
Water Clarity:	Clear	<u>Murky</u>	Turbid	Other:			
Water Color:	<u>None</u>	Green	Brown	Grey	Other:		
Canopy over HD:	<u>Open</u>	75 %	50 %	25 %	Closed		

Comment Section: Habitat is poor at this site which has influenced macroinvertebrate populations

Samples Analyzed By: Bert Remley QDC #: 00873 Date: 10/28/15
 Company/Entity: Third Rock Consultants, LLC

NEORS Macroinvertebrate Field Sheet

Physical Characteristics

Substrate Characteristics

	Pool Units	Riffle Units	Run Units
Bedrock			
Boulder			
Rubble			
Coarse Gravel			
Fine Gravel			
Sand	X		X
Silt			X
Clay/Hardpan			
Detritus	X		X
Peat			
Muck			X
Other			
Macrophytes			
Algae			X
Artifacts			X
Compaction (F,M,S)			
Depth (Avg)	5'		4'
Width (Avg)	5'		50'

Predominant Land Use (Left, Right or Both)

Forest	Urban	Open Pasture
Shrub	Residential/Park	Closed Pasture
Old Field	Mining/Construction	
Rowcrop	Wetland	
<u>Industrial</u>	Other	

Predominant Riparian Vegetation

Left	Right	Type	Riparian Width
_____	<u>K</u>	Large Trees	Left: _____
_____	_____	Small Trees	Right: _____
_____	_____	Shrubs	Units: _____
<u>X</u>	_____	Grass/Weeds	
_____	_____	None	

Margin Habitat

Undercut Banks	Root Mats	<u>Tree Roots</u>	
Grass	Water Willow	<u>Woody Debris</u>	
Shallows	<u>Clay/Hardpan</u>	Macrophytes	
Rip Rap	Bulkhead		
Other			
Margin Quality:	Good	Fair	<u>Poor</u>

Evidence of Pollution: _____

Potential Pollution Sources: _____

Biological Characteristics

Riffle: 0 %

Predominant Organism: _____

Other Common Organisms: _____

Density: High Moderate Low

Diversity: High Moderate Low

Run: 95 %

Predominant Organism: Baetidae

Other Common Organisms: _____

Density: High Moderate Low

Diversity: High Moderate Low

Pool: 5 %

Predominant Organism: Midge

Other Common Organisms: _____

Density: High Moderate Low

Diversity: High Moderate Low

Margin: _____ %

Predominant Organism: Midge

Other Common Organisms: Scud

Density: High Moderate Low

Diversity: High Moderate Low

Other Notable Collections: _____

V= Very Abundant; A= Abundant; C= Common; R= Rare

Overall Amount (V=>151; A= 150-101; C= 100-11; R= 10-1)

<u>R/R</u>	Porifera, Bryozoa
<u>R/A/R</u>	Turbellaria, Oligochaeta, Hirudinea
<u>R/B</u>	Isopoda, Amphipoda
<u>IR</u>	Decapoda, Hydracarina
	Ephemeroptera
<u>C-</u>	Baetidae
<u>A*/R</u>	Heptageniidae, Leptohyphidae, Caenidae
	Other _____
<u>R</u>	Zygoptera, Anisoptera
	Plecoptera
	Hemiptera
<u>I</u>	Megaloptera, Neuroptera
	Trichoptera
<u>B+</u>	Hydropsychidae
<u>IA-</u>	Hydroptilidae, Leptoceridae
	Other _____
	Coleoptera
<u>R+</u>	Elmidae
	Other _____
	Diptera
<u>C</u>	Chironomidae
<u>IR</u>	Tipulidae, Simuliidae
	Other _____
<u>I</u>	Gastropoda, Bivalvia
	Other _____

Field Narrative Rating:

E VG G MG F P VP

NEORS D Macroinvertebrate Field Sheet

Stream: EUCLID CREEK River Mile: 1.105 Year: 2015
 Location: US of St. Clair Project: NEORS D 2015 Euclid Creek Env. Monitoring
 Drainage Area (mi²): 21.80 Latitude (°N)/Longitude (°W): 41.574000, -81.54580
 Site Type: WWH EWH LWR Coldwater Lacustrary Eco-Region: ELDP

Hester-Dendy Deployment Information

Install Date: 07-06-15 Crew (QDC Circled): Arthur Soehner
 Current at HD (fps): 1.05 Depth (cm): 23 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. Maichle & Amidon
 OEPA Comment Field Codes: _____ Water Temp: _____ °C / °F

HD Condition- Current (fps): 0.02 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): 40 X Number of Crew: 2 = Total (min): 80
 Start Time: 11:10 End Time: 11:50 Notes: _____
 Habitats Sampled: Pool Riffle Run Margin Backwater

River Sampling Conditions

Flow Condition:	Flood	Above Normal	<u>Normal</u>	Low	Interstitial	Intermittent	Dry
Current Velocity:	Fast	<u>Moderate</u>	Slow	Non-detect			
Channel Morphology:	<u>Natural</u>	Channelized	Channelized (Recovered)	Impounded			
Bank Erosion:	<u>Extensive</u>	Moderate	Slight	None			
Riffle Development:	Extensive	<u>Moderate</u>	Sparse	Absent			
Riffle Quality:	Good	<u>Fair</u>	Poor	Embedded:	<u>Yes</u>	No	
Water Clarity:	<u>Clear</u>	Murky	Turbid	Other: _____			
Water Color:	<u>None</u>	Green	Brown	Grey	Other: _____		
Canopy over HD:	Open	<u>75 %</u>	50 %	25 %	Closed		

Comment Section: Install Flow taken on 07/07/15 by non-QDC

Samples Analyzed By: Bert Remley QDC #: 00937 Date: 9/22/15
 Company/Entity: 3rd Rock Consulting

NEORSD Macroinvertebrate Field Sheet

Physical Characteristics

Substrate Characteristics

	Pool Units	Riffle Units	Run Units
Bedrock	0		
Boulder			
Rubble		X	X
Coarse Gravel		X	X
Fine Gravel	X	X	X
Sand	X	X	X
Silt			
Clay/Hardpan			
Detritus			
Peat			
Muck	X		
Other			
Macrophytes			
Algae		X	X
Artifacts	X	X	X
Compaction (F,M,S)	M	M	M
Depth (Avg)	2 ft	3 in	3 in
Width (Avg)	10 ft	10 ft	10 ft

Predominant Land Use (Left, Right or Both)

Forest	Urban ^R	Open Pasture
Shrub	Residential/Park	Closed Pasture
Old Field	Mining/Construction	
Rowcrop	Wetland	
Industrial ^L	Other	

Predominant Riparian Vegetation

Left	Right	Type	Riparian Width
		Large Trees	Left: _____
X	X	Small Trees	Right: _____
		Shrubs	Units: _____
		Grass/Weeds	
		None	

Margin Habitat

Undercut Banks	Roof Mats	Tree Roots	
Grass	Water Willow	Woody Debris	
Shallows	Clay/Hardpan	Macrophytes	
Rip Rap	Bulkhead		
Other			
Margin Quality:	Good	Fair	Poor

Evidence of Pollution: Artifacts

Potential Pollution Sources: Urban

Biological Characteristics

Riffle: 90 %
 Predominant Organism: Baetidae
 Other Common Organisms: Free-living Caddis
 Density: High Moderate Low
 Diversity: High Moderate Low

Run: 5 %
 Predominant Organism: Baetidae
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Pool: 5 %
 Predominant Organism: midge
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Margin: _____ %
 Predominant Organism: midge
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

V= Very Abundant; A= Abundant; C= Common; R= Rare
 Overall Amount (V=>151; A= 150-101; C= 100-11; R= 10-1)

1	Porifera, Bryozoa
C/R/R	Turbellaria, Oligochaeta, Hirudinea
R+R/R	Isopoda, Amphipoda
1R	Decapoda, Hydracarina
	Ephemeroptera
C	Baetidae
11	Heptageniidae, Leptohyphidae, Caenidae
	Other _____
R1	Zygoptera, Anisoptera
	Plecoptera
	Hemiptera
1	Megaloptera, Neuroptera
	Trichoptera
C	Hydropsychidae
1	Hydroptilidae, Leptoceridae
C	Other <u>Free-living</u>
	Coleoptera
R?	Elimidae
	Other _____
	Diptera
C	Chironomidae
1R	Tipulidae, Simuliidae
R	Other <u>MISC</u>
1	Gastropoda, Bivalvia
	Other _____

Other Notable Collections: _____

Field Narrative Rating: E VG G MG F P VP

NEORS D Macroinvertebrate Field Sheet

Stream: Enclid Creek River Mile: 0.55 Year: 2015
 Location: DS of Lakeshore Blvd Project: 2015 NEORS D Enclid Creek Env. Monitor
 Drainage Area (mi²): 23.00 Latitude (°N)/Longitude (°W): 41.58315, -81.559235
 Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: EDCA

Hester-Dendy Deployment Information

Install Date: 07-06-15 Crew (QDC Circled): Hothorn Soehnlen
 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: 15H033 Qualitative: 15Q034 Other: _____
 Sampling Date: 8/17/15 Crew (QDC Circled): R. MAICHO K. MIDON
 OEPA Comment Field Codes: _____ Water Temp: _____ °C/°F

HD Condition- Current (fps): 1.03 Depth (cm): surface HD Info: _____
 Number of HD Blocks Obtained: 5 Remarks: _____
 Disturbed: Yes* No Debris: Yes No Comments: twigs/artifacts
 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): 49 X Number of Crew: 2 = Total (min): 98
 Start Time: 0930 End Time: 1019 Notes: _____
 Habitats Sampled: Pool Riffle Run Margin Backwater

River Sampling Conditions

Flow Condition:	Flood	Above Normal	<u>Normal</u>	Low	Interstitial	Intermittent	Dry
Current Velocity:	Fast	Moderate	<u>Slow</u>	Non-detect			
Channel Morphology:	Natural	Channelized	<u>Channelized (Recovered)</u>	Impounded			
Bank Erosion:	Extensive	<u>Moderate</u>	Slight	None			
Riffle Development:	Extensive	Moderate	<u>Sparse</u>	Absent			
Riffle Quality:	Good	Fair	<u>Poor</u>	Embedded:	<u>Yes</u>	No	
Water Clarity:	<u>Clear</u>	Murky	Turbid	Other:			
Water Color:	<u>None</u>	Green	Brown	Grey	Other:		
Canopy over HD:	<u>Open</u>	75 %	50 %	25 %	Closed		

Comment Section: Install Flow taken on 07/07/15 by non-QDC

Samples Analyzed By: Bert Remley QDC #: 00837 Date: 9/21/15
 Company/Entity: 3rd Rock Consulting

NEORSD Macroinvertebrate Field Sheet

Physical Characteristics

Substrate Characteristics

	Pool	Riffle	Run
	Units	Units	Units
Bedrock			
Boulder			
Rubble			
Coarse Gravel			
Fine Gravel	X	X	X
Sand	X	X	X
Silt	X	X	X
Clay/Hardpan			
Detritus			X
Peat			
Muck	X	X	X
Other			
Macrophytes			
Algae		X	X
Artifacts	X	X	X
Compaction (F,M,S)	S	S	S
Depth (Avg)	2.5 ft	2 in	8 in
Width (Avg)	10 ft	5 ft	6 ft

Predominant Land Use (Left, Right or Both)

Forest	Urban	Open Pasture
Shrub	Residential/Park ^B	Closed Pasture
Old Field	Mining/Construction	
Rowcrop	Wetland	
Industrial	Other	

Predominant Riparian Vegetation

Left	Right	Type	Riparian Width
_____	_____	Large Trees	Left: _____
_____	_____	Small Trees	Right: _____
_____	X	Shrubs	Units: _____
X	_____	Grass/Weeds	
_____	_____	None	

Margin Habitat

Undercut Banks	Root Mats	Tree Roots	
Grass	Water Willow	Woody Debris	
Shallows	Clay/Hardpan	Macrophytes	
Rip Rap	Bulkhead		
Other			
Margin Quality:	Good	Fair	Poor

Evidence of Pollution: sanitary toilet paper
 Potential Pollution Sources: outfalls

Biological Characteristics

Riffle: 5 %
 Predominant Organism: baetidae
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Run: 50 %
 Predominant Organism: midgc
 Other Common Organisms: flatworm
 Density: High Moderate Low
 Diversity: High Moderate Low

Pool: 4.5 %
 Predominant Organism: midgc
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Margin: _____ %
 Predominant Organism: midgc
 Other Common Organisms: flatworm
 Density: High Moderate Low
 Diversity: High Moderate Low

V= Very Abundant; A= Abundant; C= Common; R= Rare
 Overall Amount (V= >151; A= 150-101; C= 100-11; R= 10-1)

1	Porifera, Bryozoa
C/R/R	Turbellaria, Oligochaeta, Hirudinea
R/R/R	Isopoda, Amphipoda
1	Decapoda, Hydracarina
	Ephemeroptera
C	Baetidae
1/1	Heptageniidae, Leptohyphidae, Caenidae
	Other
R/1	Zygoptera, Anisoptera
	Plecoptera
	Hemiptera
1	Megaloptera, Neuroptera
	Trichoptera
R+	Hydropsychidae
1	Hydroptilidae, Leptoceridae
	Other
	Coleoptera
R-	Elimidae
	Other
	Diptera
C	Chironomidae
1	Tipulidae, Simuliidae
R-	Other <u>MISC</u>
1	Gastropoda, Bivalvia
	Other

Field Narrative Rating: E VG G MG F P VP

NEORS Macroinvertebrate Field Sheet

Stream: M. H. Creek River Mile: 8.30 Year: 2015
 Location: US S. Miles Rd Project: NEORS 2015 M. H. Creek Env. Monitoring
 Drainage Area (mi²): 3.90 Latitude (°N)/Longitude (°W): 41.430877 -81.54422
 Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: ECOP

Hester-Dendy Deployment Information

Install Date: 07-07-15 @ 1425hr Crew (QDC Circled): R. Maichle D. Phillips J. Schiel
 Current at HD (fps): 1.15 Depth (cm): 19 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: 15H051 Qualitative: 15Q052 Other: _____

Sampling Date: 08-18-15 @ 0659 Crew (QDC Circled): R. Maichle D. Phillips J. Schiel
 OEPA Comment Field Codes: x19 (<10mi²) Water Temp: 21.5 (°) °F

HD Condition- Current (fps): 1.02 Depth (cm): 18 HD Info: _____
 Number of HD Blocks Obtained: 5 Remarks: _____
 Disturbed: Yes No Debris: Yes No Comments: gravel/sand/Algae
 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: 2.5 = Total (min): 150
 Start Time: 0920 End Time: 1020 Notes: 2 new individuals
 Habitats Sampled: Pool Riffle Run Margin Backwater

River Sampling Conditions

Flow Condition:	Flood	Above Normal	<u>Normal</u>	Low	Interstitial	Intermittent	Dry
Current Velocity:	Fast	<u>Moderate</u>	Slow	Non-detect			
Channel Morphology:	<u>Natural</u>	Channelized	Channelized (Recovered)		Impounded		
Bank Erosion:	<u>Extensive</u>	Moderate	Slight	None			
Riffle Development:	Extensive	<u>Moderate</u>	Sparse	Absent			
Riffle Quality:	Good	<u>Fair</u>	Poor	Embedded:	<u>Yes</u>	No	
Water Clarity:	<u>Clear</u>	Murky	Turbid	Other: _____			
Water Color:	<u>None</u>	Green	Brown	Grey	Other: _____		
Canopy over HD:	Open	<u>75 %</u>	50 %	25 %	Closed		

Comment Section: _____

Samples Analyzed By: _____ QDC #: _____ Date: _____
 Company/Entity: _____

NEORS Macroinvertebrate Field Sheet

Physical Characteristics

	Substrate Characteristics		
	Pool Units	Riffle Units	Run Units
Bedrock			
Boulder	✓		✓
Rubble	✓	✓	✓
Coarse Gravel	✓	✓	✓
Fine Gravel	✓	✓	✓
Sand	✓	✓	✓
Silt	✓	✓	✓
Clay/Hardpan	✓		
Detritus			
Peat			
Muck			
Other			
Macrophytes			
Algae	✓	✓	✓
Artifacts	✓	✓	✓
Compaction (F,M,S)	5	M	M
Depth (Avg)	1 ft	2 in	8 in
Width (Avg)	4 ft	2 ft	3 ft

Predominant Land Use (Left, Right or Both)		
Forest	Urban	Open Pasture
Shrub	Residential/Park	Closed Pasture
Old Field	Mining/Construction	
Rowcrop	Wetland	
Industrial	Other	

Predominant Riparian Vegetation			Riparian Width
Left	Right	Type	
		Large Trees	Left: _____
		Small Trees	
X	X	Shrubs	Right: _____
		Grass/Weeds	
		None	Units: _____

Margin Habitat		
Undercut Banks	Root Mats	Tree Roots
Grass	Water Willow	Woody Debris
Shallows	Clay/Hardpan	Macrophytes
Rip Rap	Bulkhead	
Other		
Margin Quality: (Good) Fair Poor		

Evidence of Pollution: leachate odor, artifacts
 Potential Pollution Sources: land fill, outfall, 12 bann

Biological Characteristics

Riffle: <u>50</u> %	Predominant Organism: <u>Baetidae</u>
Other Common Organisms: <u>Hydroptilidae</u>	
Density: High	Moderate Low
Diversity: High	Moderate Low
Run: <u>25</u> %	Predominant Organism: <u>Baetidae</u>
Other Common Organisms: <u>Midge</u>	
Density: High	Moderate Low
Diversity: High	Moderate Low
Pool: <u>25</u> %	Predominant Organism: <u>Midge</u>
Other Common Organisms: <u>Baetidae</u>	
Density: High	Moderate Low
Diversity: High	Moderate Low
Margin: _____ %	Predominant Organism: <u>Baetidae</u>
Other Common Organisms: <u>Midge</u>	
Density: High	Moderate Low
Diversity: High	Moderate Low

Overall Amount	
1	Porifera, Bryozoa
1R	Turbellaria, Oligochaeta, Hirudinea
1R	Isopoda, Amphipoda
1R	Decapoda, Hydracarina
	Ephemeroptera
C	Baetidae
11	Heptageniidae, Leptohyphidae, Caenidae
	Other _____
21	Zygoptera, Anisoptera
	Plecoptera
	Hemiptera
1	Megaloptera, Neuroptera
	Trichoptera
2+	Hydropsychidae
C1	Hydroptilidae, Leptoceridae
	Other _____
	Coleoptera
R	Elimidae
	Other _____
	Diptera
C	Chironomidae
1R	Tipulidae, Simuliidae
R	Other <u>Misc</u>
C-1	Gastropoda, Bivalvia
	Other <u>Left hand</u>

Other Notable Collections: _____

Field Narrative Rating: E VG (G-) MG F P VP

NEORS D Macroinvertebrate Field Sheet

Stream: Mill Creek River Mile: 0.12 Year: 2015

Location: DS Canal Rd Project: NEORS 2015 Mill Creek Env. Mon. 4

Drainage Area (mi²): 19.5 Latitude (°N)/Longitude (°W): 41.418273, -81.637254

Site Type: WWH EWH LWR Coldwater Lacustuary Eco-Region: EOLP

Hester-Dendy Deployment Information

Install Date: 07-07-15 @ 1320 hrs Crew (QDC Circled): (T. Maichle) D. Phillips J. Schiel

Current at HD (fps): 1.55 Depth (cm): near surface 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: 15H045 Qualitative: 15Q046 Other: _____

Sampling Date: 8/17/15 @ 1343 Crew (QDC Circled): R. Maichle K. Amidon

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

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): 41 X Number of Crew: 2 = Total (min): 82

Start Time: 1343 End Time: 1424 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: _____ QDC #: _____ Date: _____

Company/Entity: _____

NEORSD Macroinvertebrate Field Sheet

Physical Characteristics

Substrate Characteristics

	Pool Units	Riffle Units	Run Units
Bedrock			
Boulder			
Rubble			
Coarse Gravel			
Fine Gravel			
Sand			
Silt			
Clay/Hardpan			
Detritus			
Peat			
Muck			
Other			
Macrophytes			
Algae			
Artifacts			
Compaction (F,M,S)			
Depth (Avg)	3 ft	2 in	16 in
Width (Avg)	7 ft	5 ft	1 ft

Predominant Land Use (Left, Right or Both)

Forest	Urban	Open Pasture
Shrub	<u>Residential/Park</u> R	Closed Pasture
Old Field	Mining/Construction	
Rowcrop	Wetland	
<u>Industrial</u> L	Other	

Predominant Riparian Vegetation

Left	Right	Type	Riparian Width
		Large Trees	Left: _____
		Small Trees	
<u>Y</u>	<u>Y</u>	Shrubs	Right: _____
		Grass/Weeds	
		None	Units: _____

Margin Habitat

Undercut Banks	<u>Root Mats</u>	Tree Roots
Grass	Water Willow	Woody Debris
Shallows	Clay/Hardpan	Macrophytes
Rip Rap	Bulkhead	
<u>Other</u>	<u>gabions (some failing)</u>	
Margin Quality:	Good	Fair
		<u>Poor</u>

Evidence of Pollution: plastic/artifacts
 Potential Pollution Sources: urban

Biological Characteristics

Riffle: 50 %
 Predominant Organism: Baetidae
 Other Common Organisms: Hydro
 Density: High Moderate Low
 Diversity: High Moderate Low

Run: 10 %
 Predominant Organism: Baetidae
 Other Common Organisms: Hydro
 Density: High Moderate Low
 Diversity: High Moderate Low

Pool: 40 %
 Predominant Organism: midge
 Other Common Organisms: _____
 Density: High Moderate Low
 Diversity: High Moderate Low

Margin: _____ %
 Predominant Organism: micro-caddis
 Other Common Organisms: Caenidae
 Density: High Moderate Low
 Diversity: High Moderate Low

V= Very Abundant, A= Abundant, C= Common, R= Rare
 Overall Amount (V=>151, A= 150-101, C= 100-11, R= 10-1)

	Porifera, Bryozoa
<u>R+R</u>	Turbellaria, Oligochaeta, Hirudinea
<u>R/R</u>	Isopoda, Amphipoda
<u>R/I</u>	Decapoda, Hydracarina
	Ephemeroptera
<u>C</u>	Baetidae
<u>R</u>	Heptageniidae, Leptohyphidae, Caenidae
	Other _____
<u>R-</u>	Zygoptera, Anisoptera
	Plecoptera
	Hemiptera
	Megaloptera, Neuroptera
	Trichoptera
<u>C</u>	Hydropsychidae
<u>C-1</u>	Hydroptilidae, Leptoceridae
	Other _____
	Coleoptera
	Elimidae
	Other _____
	Diptera
<u>C</u>	Chironomidae
<u>I/R+</u>	Tipulidae, Simuliidae
	Other _____
<u>R+1</u>	Gastropoda, Bivalvia
	Other <u>Limpet</u>

Field Narrative Rating: E VG G MG F P VP

NEORS D Macroinvertebrate Field Sheet

Stream: West Creek River Mile: 2.10 Year: 2015
 Location: DS J-480 Project: NEORS D 2015 West Creek Env. Monitoring
 Drainage Area (mi²): 8.70 Latitude (°N)/Longitude (°W): 41.413656, -86.670468
 Site Type: WWH EWH LWR Coldwater Lacustrary Eco-Region: COLA

Hester-Dendy Deployment Information

Install Date: 06-22-15 @ 1040 hrs Crew (QDC Circled): K. Maichle K. Anderson
 Current at HD (fps): 0.44 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: 1511057 Qualitative: 15Q05B Other: _____
 Sampling Date: _____ Crew (QDC Circled): K. Maichle E. Schulten
 OEPA Comment Field Codes: X 19 (10 mi²) Water Temp: _____ °C / °F

HD Condition- Current (fps): _____ Depth (cm): _____ HD Info: _____
 Number of HD Blocks Obtained: _____ Remarks: Missing
 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): 40 X Number of Crew: 2 = Total (min): 80
 Start Time: 1040 End Time: 1120 Notes: _____
 Habitats Sampled: Pool Riffle Run Marginal Backwater

River Sampling Conditions

Flow Condition:	Flood	Above Normal	<input checked="" type="radio"/> Normal	Low	Interstitial	Intermittent	Dry
Current Velocity:	Fast	Moderate	<input checked="" type="radio"/> Slow	Non-detect			
Channel Morphology:	Natural	Channelized	<input checked="" type="radio"/> Channelized (Recovered)	Impounded			
Bank Erosion:	Extensive	Moderate	<input checked="" type="radio"/> Slight	None			
Riffle Development:	Extensive	Moderate	<input checked="" type="radio"/> Sparse	Absent			
Riffle Quality:	Good	Fair	<input checked="" type="radio"/> Poor	Embedded:	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water Clarity:	<input checked="" type="radio"/> Clear	Murky	Turbid	Other:			
Water Color:	<input checked="" type="radio"/> None	Green	Brown	Grey	Other:		
Canopy over HD:	<input checked="" type="radio"/> Open	75 %	50 %	25 %	Closed		

Comment Section: Riffle areas "matured" in and no habitat is available

Samples Analyzed By: Bert Remley QDC #: 00837 Date: 10/20/15
 Company/Entity: 3rd Rock

Date: _____ ID #: 15Q05B Type: Qual
 Surface Water: West Creek
 Coordinates: _____
 Collectors: _____
 RM: 2.10
 DA: 8.7

NEORSD Macroinvertebrate Field Sheet

Physical Characteristics

Substrate Characteristics			Predominant Land Use (Left, Right or Both)		
	Pool	Riffle	Forest	Urban	Open Pasture
	Units	Units	Shrub	Residential/Park	Closed Pasture
			Old Field	Mining/Construction	
			Rowcrop	Wetland	
			Industrial	Other	
Bedrock					
Boulder					
Rubble					
Coarse Gravel	✓	✓			
Fine Gravel	✓	✓			
Sand	✓	✓			
Silt	✓	✓			
Clay/Hardpan					
Detritus					
Peat					
Muck					
Other					
Macrophytes					
Algae	✓	✓			
Artifacts	✓	✓			
Compaction (F,M,S)	M	M			
Depth (Avg)	2 ft	4 ft			
Width (Avg)	5 ft	3 ft			

Predominant Riparian Vegetation			Riparian Width
Left	Right	Type	Left: _____
✓		Large Trees	
		Small Trees	
	✓	Shrubs	Right: _____
		Grass/Weeds	
		None	Units: _____

Margin Habitat		
Undercut Banks	Root Mats	Tree Roots
Grass	Water Willow	Woody Debris
Shallows	Clay/Hardpan	Macrophytes
Rip Rap	Bulkhead	
Other		

Margin Quality: Good Fair Poor

Evidence of Pollution: _____

Potential Pollution Sources: _____

Biological Characteristics

V= Very Abundant; A= Abundant; C= Common; R= Rare

Overall Amount (V=>151; A= 150-101; C= 100-11; R= 10-1)

1	Porifera, Bryozoa
C/R/R	Turbellaria, Oligochaeta, Hirudinea
R/R	Isopoda, Amphipoda
R+	Decapoda, Hydracarina
	Ephemeroptera
C+	Baetidae
1/1	Heptageniidae, Leptohyphidae, Caenidae
	Other
C/	Zygoptera, Anisoptera
	Plecoptera
	Hemiptera
1	Megaloptera, Neuroptera
	Trichoptera
P+	Hydropsychidae
R/	Hydroptilidae, Leptoceridae
R?	Other <u>Trichoptera?</u>
	Coleoptera
R	Elmidae
R	Other <u>MHC</u>
	Diptera
C+	Chironomidae
R/	Tipulidae, Simuliidae
	Other
1	Gastropoda, Bivalvia
	Other

Field Narrative Rating: E VG G MG F P VP

NEORS D Macroinvertebrate Field Sheet

Stream: West Creek River Mile: 0.20 Year: 2015
 Location: DS Grainer Project: NEORS D 2015 West Creek Env. Monitor
 Drainage Area (mi²): 13.20 Latitude (°N)/Longitude (°W): 41.415321, -81.648021
 Site Type: WWH EWH LWR Coldwater Lacustrary Eco-Region: ECOP

Hester-Dendy Deployment Information

Install Date: 07-23-15 @ 1327 Crew (QDC Circled): R. Marchle D. Phillips B. Boggan
 Current at HD (fps): 0.77 Depth (cm): 5 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: 15H053 Qualitative: 15Q054 Other: _____
 Sampling Date: 09-03-15 @ 0855 Crew (QDC Circled): R. Marchle D. Phillips
 OEPA Comment Field Codes: _____ Water Temp: _____ °C / °F

HD Condition- Current (fps): 0.53 Depth (cm): surface HD Info: _____
 Number of HD Blocks Obtained: 5 Remarks: _____
 Disturbed: Yes No Debris: Yes No Comments: stump
 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): 120
 Start Time: 0910 End Time: 1010 Notes: _____
 Habitats Sampled: Pool Riffle Run Margin Backwater

River Sampling Conditions

Flow Condition:	Flood	Above Normal	<input checked="" type="radio"/> Normal	Low	Interstitial	Intermittent	Dry
Current Velocity:	Fast	<input checked="" type="radio"/> Moderate	Slow	Non-detect			
Channel Morphology:	Natural	<input checked="" type="radio"/> Channelized	Channelized (Recovered)	Impounded			
Bank Erosion:	Extensive	Moderate	Slight	<input checked="" type="radio"/> None			
Riffle Development:	Extensive	Moderate	<input checked="" type="radio"/> Sparse	Absent			
Riffle Quality:	<input checked="" type="radio"/> Good	Fair	<input checked="" type="radio"/> Poor	Embedded:	Yes	<input checked="" type="radio"/> No	
Water Clarity:	<input checked="" type="radio"/> Clear	Murky	Turbid	Other: _____			
Water Color:	<input checked="" type="radio"/> None	Green	Brown	Grey	Other: _____		
Canopy over HD:	<input checked="" type="radio"/> Open	75 %	50 %	25 %	Closed		

Comment Section: _____

Samples Analyzed By: Bert Benley QDC #: 00837 Date: 11/30/15
 Company/Entity: 3rd Rock

NEORS D Macroinvertebrate Field Sheet

Physical Characteristics

Substrate Characteristics				Predominant Land Use (Left, Right or Both)		
	Pool	Riffle	Run	Forest	Urban	Open Pasture
	Units	Units	Units	Shrub	Residential/Park	Closed Pasture
Bedrock	[]	[]	[]	Old Field	Mining/Construction (R)	
Boulder	[]	[]	[]	Rowcrop	Wetland	
Rubble	[]	[]	[]	Industrial (L)	Other	
Coarse Gravel	[]	[]	[]	Predominant Riparian Vegetation		
Fine Gravel	[]	[]	[]	Left	Right	Type
Sand	[]	[]	[]	_____	_____	Large Trees
Silt	[]	[]	[]	_____	_____	Small Trees
Clay/Hardpan	[]	[]	[]	_____	_____	Shrubs
Detritus	[]	[]	[]	_____	_____	Grass/Weeds
Peat	[]	[]	[]	_____	_____	None
Muck	[]	[]	[]	Margin Habitat		
Other	[]	[]	[]	Undercut Banks	Root Mats	Tree Roots
Macrophytes	[]	[]	[]	Grass	Water Willow	Woody Debris
Algae	[]	[]	[]	Shallows	Clay/Hardpan	Macrophytes
Artifacts	[]	[]	[]	Rip Rap	Bulkhead	
Compaction (F,M,S)	[]	[]	[]	Other		
Depth (Avg)	15 ft	4 ft	6 ft	Margin Quality: Good Fair Poor		
Width (Avg)	5 ft	3 ft	6 ft			

Evidence of Pollution: _____
 Potential Pollution Sources: Urban

Biological Characteristics

Riffle: <u>20</u> % Predominant Organism: <u>Baetidae</u> Other Common Organisms: <u>Hydropsychidae</u> Density: High Moderate Low Diversity: High Moderate (Low)	V= Very Abundant; A= Abundant; C= Common; R= Rare Overall Amount (V=>151; A= 150-101; C= 100-11; R= 10-1) <table border="0" style="width: 100%;"> <tr><td style="width: 10%; text-align: center;">C/A</td><td>Porifera, Bryozoa</td></tr> <tr><td style="text-align: center;">R/A</td><td>Turbellaria, Oligochaeta, Hirudinea</td></tr> <tr><td style="text-align: center;">/R</td><td>Isopoda, Amphipoda</td></tr> <tr><td style="text-align: center;">/R</td><td>Decapoda, Hydracarina</td></tr> <tr><td style="text-align: center;">/</td><td>Ephemeroptera</td></tr> <tr><td style="text-align: center;">/V</td><td>Baetidae</td></tr> <tr><td style="text-align: center;">A/A</td><td>Heptageniidae, Leptohyphidae, Caenidae</td></tr> <tr><td style="text-align: center;">/</td><td>Other _____</td></tr> <tr><td style="text-align: center;">A/</td><td>Zygotera, Anisoptera</td></tr> <tr><td style="text-align: center;">/</td><td>Plecoptera</td></tr> <tr><td style="text-align: center;">/</td><td>Hemiptera</td></tr> <tr><td style="text-align: center;">/</td><td>Megaloptera, Neuroptera</td></tr> <tr><td style="text-align: center;">/</td><td>Trichoptera</td></tr> <tr><td style="text-align: center;">C/A</td><td>Hydropsychidae</td></tr> <tr><td style="text-align: center;">C/A</td><td>Hydroptilidae, Leptoceridae</td></tr> <tr><td style="text-align: center;">/</td><td>Other <u>free living</u></td></tr> <tr><td style="text-align: center;">/</td><td>Coleoptera</td></tr> <tr><td style="text-align: center;">A</td><td>Elmidae</td></tr> <tr><td style="text-align: center;">/</td><td>Other _____</td></tr> <tr><td style="text-align: center;">/</td><td>Diptera</td></tr> <tr><td style="text-align: center;">C</td><td>Chironomidae</td></tr> <tr><td style="text-align: center;">R/</td><td>Tipulidae, Simuliidae</td></tr> <tr><td style="text-align: center;">P/A</td><td>Other <u>Mg</u></td></tr> <tr><td style="text-align: center;">/</td><td>Gastropoda, Bivalvia</td></tr> <tr><td style="text-align: center;">/</td><td>Other _____</td></tr> </table>	C/A	Porifera, Bryozoa	R/A	Turbellaria, Oligochaeta, Hirudinea	/R	Isopoda, Amphipoda	/R	Decapoda, Hydracarina	/	Ephemeroptera	/V	Baetidae	A/A	Heptageniidae, Leptohyphidae, Caenidae	/	Other _____	A/	Zygotera, Anisoptera	/	Plecoptera	/	Hemiptera	/	Megaloptera, Neuroptera	/	Trichoptera	C/A	Hydropsychidae	C/A	Hydroptilidae, Leptoceridae	/	Other <u>free living</u>	/	Coleoptera	A	Elmidae	/	Other _____	/	Diptera	C	Chironomidae	R/	Tipulidae, Simuliidae	P/A	Other <u>Mg</u>	/	Gastropoda, Bivalvia	/	Other _____
C/A	Porifera, Bryozoa																																																		
R/A	Turbellaria, Oligochaeta, Hirudinea																																																		
/R	Isopoda, Amphipoda																																																		
/R	Decapoda, Hydracarina																																																		
/	Ephemeroptera																																																		
/V	Baetidae																																																		
A/A	Heptageniidae, Leptohyphidae, Caenidae																																																		
/	Other _____																																																		
A/	Zygotera, Anisoptera																																																		
/	Plecoptera																																																		
/	Hemiptera																																																		
/	Megaloptera, Neuroptera																																																		
/	Trichoptera																																																		
C/A	Hydropsychidae																																																		
C/A	Hydroptilidae, Leptoceridae																																																		
/	Other <u>free living</u>																																																		
/	Coleoptera																																																		
A	Elmidae																																																		
/	Other _____																																																		
/	Diptera																																																		
C	Chironomidae																																																		
R/	Tipulidae, Simuliidae																																																		
P/A	Other <u>Mg</u>																																																		
/	Gastropoda, Bivalvia																																																		
/	Other _____																																																		
Run: <u>70</u> % Predominant Organism: <u>Baetidae</u> Other Common Organisms: <u>Micr. Caedis</u> Density: High Moderate Low Diversity: High Moderate (Low)																																																			
Pool: <u>10</u> % Predominant Organism: <u>Midge</u> Other Common Organisms: _____ Density: High Moderate (Low) Diversity: High Moderate (Low)																																																			
Margin: _____ % Predominant Organism: _____ Other Common Organisms: _____ Density: High Moderate Low Diversity: High Moderate Low																																																			
Other Notable Collections: _____																																																			

Field Narrative Rating: E VG G **(MG)** F P VP

Attachment E
2015 Fish Data Sheets



FISH DATA SHEET

Sheet ID For Office Use Only

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New Station (requires lat/long & county)

Mix Zone

Station ID _____ River Code _____ RM 4.40 Date 8-14-15 Time 1230 hrs.

Stream Big Creek Location Main Branch, Memphis Picnic Area

Comments DA: 19.30 mi²

Lat 41.4460 Long -81.7540 County Cuyahoga ALP _____ Time Fished _____

Crew D Friedman Netter V Amidon Others M. Matteson T Zablony Sampler Type E

Distance 0.15 km Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 Big Creek

Fins Code	Number Weighed	Total Counted	Total Weight	Weights		DELTA ANOMALIES					
				Counts		Deformities, Erosions, Lesions, Tumors Multiple DELTs on one fish					
						D	E	L	T	M	*
1 43-044 Central Stoneworm V 10x		341		(89) (51)	(66) (99) (35)						*
2 43-013 Creek Chub V 10x		153		(4) (47) (32)	(77)						*
3 43-011 blacknose dace V 10x		65		(65)							*
4 43-043 bluntnose minnow V 10x		9		(9)							*
5 40-016 white sucker V 10x		18		(17) (1)							*
6 77-009 bluegill sunfish V 10x		1		(1)							*
7 43-034 sand shiner V12 10x		12		(12)							*
8 43-042 fath-head minnow V 10x		3		(2) (1)							*
9 V 10x											*

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



FISH DATA SHEET

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New Station (requires lat/long & county)

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Mix Zone

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Station ID _____ River Code _____ RM 0.15 Date 9/10/15 Time 13.00 hrs.

Stream Big Creek Location Tenney Road

Comments DA = 37.1 mi²

Lat 44.4460 Long -81.6865 County Cuyahoga ALP _____ Time Fished 2120sa

Crew M. Matheson Netter K. Amidon Others T. Zablutny / D. Friedman Shannon. Sampler Type B

Distance 0.2 Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 Big Creek

DELTA ANOMALIES

Deformities, Erosions, Lesions, Tumors Multiple DELTs on one fish

Fins Code	Number Weighed	Total Counted	Total Weight	Weights		Counts											
						D	E	L	T	M	*						
1 82-001 round goby V 10x	6	6	.07	0.020 (3)													
				0.050 (3)													
2 47-004 yellow perch V 10x	7	7	.86	0.010 (1)													
				0.850 (6)													
3 77-004 smallmouth bass V 10x	1	1	.480	0.480 (1)													
4 20-003 gizzard shad V 10x	21	21	0.100	0.100 (21)													
5 40-016 white sucker V 10x	3	3	.091	0.090 (2)													
				0.001 (1)													
6 40-015 hog sucker V 10x	1	1	.200	0.200 (1)													
7 43-012 goldfish V 10x	1	1	.240	0.240 (1)													
8 77-008 green sunfish V 10x	5	5	.100	0.100 (5)													
9 77-014 bluegill pumpkinseed V 10x	1	1	.004	0.004 (1)													

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



FISH DATA SHEET

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New Station (requires lat/long & county)

Mix Zone

Station ID _____ River Code _____ RM 0-15 Date 10/13/15 Time 1:300hrs
 Stream Big Creek Location Downstream of Jennings Rd.
 Comments DA = 37.10 mi²
 Lat 41.4460 Long -81.68165 County Cuyahoga ALP _____ Time Fished _____
 Crew T. Zabolotny Netter M. Matteson Others K. Amidon / D. Friedman Sampler Type B
 Distance 0.5 km Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 Big Creek

Fins Code	Number Weighed	Total Counted	Total Weight	Weights		DELT ANOMALIES									
				Counts		D	E	L	T	M	*				
1 25-002 Rainbow trout V 10x	1	1	2.00	2.00	①										
2 20-003 gizzard shad V 10x	2	2	0.030	0.030	②										
3 43-020 emerald shiner V 10x	323	323	0.511	0.500	③										
07-001 round goby V 10x	9	9	0.110	0.110	④										
5 80-022 rainbow darter V 10x	1	1	0.003	0.003	①										
6 77-004 smallmouth bass V 10x	1	1	0.020	0.020	①										
7 77-006 largemouth bass V 10x	1	1	0.010	0.010	①										
8 47-004 yellow perch V 10x	3	3	0.290	0.290	③										
9 40-014 white sucker V 10x	8	8	0.110	0.110	⑧										



FISH DATA SHEET

Sheet ID For Office Use Only

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New Station (requires lat/long & county)

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Mix Zone

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Page 1 of 2

Station ID _____ River Code _____ RM 7.00 Date 8/6/15 Time 2:00pm

Stream Cuyahoga River Location Lower Harvard Ave. Bridge

Comments DA: 786.00mi²

Lat 41.4497 Long -81.6815 County Cuyahoga ALP _____ Time Fished _____

Crew Matteson Netter Freedman Others Boggan/Zablotny Sampler Type B

Distance 0.50km Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 Cuyahoga River

Fins Code	Number Weighed	Total Counted	Kg Total Weight	Weights (Counts)		DELT ANOMALIES												
						D	E	L	T	M	*							
43-001 Carp	2	2	11.793	8.164 kg 18 (1) LBS	3.629 kg 8 (1)													
V 10x																		
43-015 Northern Hogsucker	2	2	0.499	1.1 (2)	.499 kg													
V 10x																		
40-016 White Sucker	4	4	2.5	0.75 (1)	.3485													
V 10x				1.75 (3)	.793													
40-016 White Sucker																		
V 10x																		
80-015 Greenside darter	3	3	.015	.010 (1)	.004 (1)													
V 10x				.001 (1)														
80-011 Logperch	3	3	0.03	0.03 (3)														
V 10x																		
20-003 Glizzard Shad	103	103	.385	0.385 (103)														
V 10x																		
77-009 Blue gill	2	2	.06	.035 (1)	.025 (1)													
V 10x																		
47-002 Channel Catfish	2	2	1.803	.003 (1)	1.8 (1)													
V 10x																		

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



FISH DATA SHEET

Sheet ID For Office Use Only

New Station (requires lat/long & county) Mix Zone

Station ID _____ River Code _____ RM 7.00 Date 9-23-15 Time 1500 hrs
 Stream Cuyahoga River Location Lower Harvard
 Comments DA: 786 mi²
 Lat 41.4497 Long -81.6815 County Cuyahoga ALP _____ Time Fished 3802 sec
 Crew T. Zablony Netter M. Mattoon Others K. Amidon Sampler Type B
 Distance 15 Km Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 Cuyahoga River

1	Fins Code	Number Weighed	Total Counted	Total Weight	Weights		DELTA ANOMALIES					
					Counts	Counts	Deformities, Erosions, Lesions, Tumors Multiple DELTs on one fish					
							D	E	L	T	M	*
1	77-004 smallmouth bass	9	9	4.485	0.675 (1)	0.525 (1)						
	V 10x				0.900 (1)	0.150 (1)						
					2.235 (5)							
2	40-004 smallmouth buffalo	1	1	1.701	3.75 lbs (1)							
	V 10x											
3	20-003 gizzard shad	225	225	1.90	1.90 (225)							
	V 10x											
4	7-001 round goby	18	18	.140	0.040 (5)							
	V 10x				0.100 (13)							
5	40-008 silver redhorse	1	1	1.80	1.80 (1)							
	V 10x											
6	80-011 logperch darter	1	1	.010	0.010 (1)							
	V 10x											
7	47-002 channel catfish	7	7	6.405	2.00 (1)	1.95 (2)						
	V 10x				0.900 (1)	0.005 (2)						
					1.55 (1)							
8	40-011 shorthead redhorse	1	1	.850	0.850 (1)							
	V 10x											
9	40-010 golden redhorse	4	4	1.052	1.00 (1)	0.024 (1)						
	V 10x				0.008 (1)							
					0.020 (1)							

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



FISH DATA SHEET

Sheet ID For Office Use Only

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New Station (requires lat/long & county)

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Mix Zone

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Station ID _____ River Code _____ RM 7.00 Date 9/23/15 Time 1500hrs

Stream Cuyahoga River Location Lower Harvard

Comments DA = 7816 mi²

Lat 41.4497 Long -81.6815 County Cuyahoga ALP _____ Time Fished 3802 sec

Crew T. Zarobny Netter W. Matteson Others K. Amidon Sampler Type R

Distance 0.50 Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 Cuyahoga River

Fins Code	Number Weighed	Total Counted	Total Weight	Weights		DELT ANOMALIES												
				Counts		Deformities, Erosions, Lesions, Tumors	Multiple DELTs on one fish	D	E	L	T	M	*					
1 77-009 bluegill sunfish V 10x	2	2	.010	0.010	(2)													
2 43-026 Common shiner V2 10x	3	3	0.012	0.002	(1)													
				0.010	(2)													
3 77-008 green sunfish V 10x	3	3	.048	0.048	(3)													
4 43-020 emerald shiner V 10x	11	11	.043	0.042	(10)													
				0.001	(1)													
5																		
V 10x																		
6																		
V 10x																		
7																		
V 10x																		
8																		
V 10x																		
9																		
V 10x																		

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



FISH DATA SHEET

Sheet ID For Office Use Only

New Station (requires lat/long & county)

Mix Zone

Page 1 of 1

Station ID _____ River Code _____ RM 1.65 Date 7/6/15 Time 1:00 PM

Stream Euclid Creek Location 100ft US of St. Clair Ave

Comments DA: 21.80 mi²

Lat 41.5741 Long -81.5467 County Cuyahoga ALP _____ Time Fished 2125 sec

Crew T Zablotny Netter ESaehnen Others S Holman, JK, JS Sampler Type E

Distance 0.20 km Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 Euclid Creek

Fins Code	Number Weighed	Total Counted	Total Weight	Weights		DELT ANOMALIES					
				Counts		Deformities, Erosions, Lesions, Tumors Multiple DELTs on one fish					
1 43-013 CREEK CHUB V 10x	80	80	0.844	.444 (35)		D	E	L	T	M	*
				.4 (51)							
2 43-044 STONEWALLER V 10x	128	128	0.470	.470 (128)		D	E	L	T	M	*
3 43-011 BLACKHOSE DACE V 10x	154	154	0.519	.495 (147)		D	E	L	T	M	*
				.024 (7)							
4 40-016 WHITE SNIKER V 10x	5	5	0.030	.030 (5)		D	E	L	T	M	*
5 25-002 RAINBOW TROUT V 1 10x	1	1	0.006	.006 (1)		D	E	L	T	M	*
6						D	E	L	T	M	*
V 10x											
7						D	E	L	T	M	*
V 10x											
8						D	E	L	T	M	*
V 10x											
9						D	E	L	T	M	*
V 10x											

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



FISH DATA SHEET

Sheet ID For Office Use Only

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New Station (requires lat/long & county)

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Mix Zone

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Page 1 of 1

Station ID _____ River Code _____ RM 1.65 Date 8/21/15 Time 12:15 hrs.

Stream Euclid Creek Location ^{100 ft} Upstream of St. Clair

Comments DA = 21.8 miles² VOY MINK RUNNING AROUND

Lat 41.5741 Long -81.5467 County Cuyahoga ALP _____ Time Fished 2400 sec

Crew D. FRIEDMAN Netter J. RHODES Others E. SOENEN / J. SCHREZ Sampler Type F

Distance 0.20 km Flow _____ Temp. C _____ Secchi _____ Source _____ Project Euclid Creek Env. Monitoring 2015

Fins Code	Number Weighed	Total Counted	Total Weight	Weights	Counts	DELT ANOMALIES Deformities, Erosions, Lesions, Tumors Multiple DELTs on one fish
1 43-013 CREEK CHUBS V 10x	117	117	1.388	0.760 (72) 0.628 (45)		D E L T M *
2 43-011 BLACKNOSE DACE V 10x	225	225	0.86	0.320 (82) 0.540 (143)		D E L T M *
3 43-044 STONELOTEL V 10x	382	382	2.24	1.350 (184) 0.890 (198)		D E L T M *
4 40-016 W. SUCKER V 10x	12	12	.300	0.300 (12)		D E L T M *
5 43-002 GOLDFISH V 10x	1	1	0.28	0.028 (1)		D E L T M *
6 V 10x						D E L T M *
7 V 10x						D E L T M *
8 V 10x						D E L T M *
9 V 10x						D E L T M *

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



FISH DATA SHEET

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New Station (requires lat/long & county)

Mix Zone

Station ID _____ River Code _____ RM 0.55 Date 7/6/15 Time 9:30 a.m.

Stream Euclid Creek Location 150 ft DS of Lakeshore Blvd.

Comments DA: 23.00 mi²

Lat 41.5833 Long -81.5594 County Cuyahoga ALP _____ Time Fished 4026 sec

Crew Eric S Netter Mathem Others JK. T Zabloty J.S. Sampler Type E

Distance 0.20 Km Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 Euclid Creek

Fins Code	Number Weighed	Total Counted	Total Weight	Weights		DELT ANOMALIES					
				Counts		Deformities, Erosions, Lesions, Tumors Multiple DELTs on one fish					
1 43-013 CREEK CHUB V 10x	44	44	0.576	.410 (30)	.004 (1)						
				.158 (12)							
				.004 (1)							
2 43-044 STONE ROLLER V 10x	172	172	0.116	0.05 (6)	.004 (1)						
				.058 (164)							
				.004 (1)							
3 40-016 WHITE SUCKER V 10x	53	53	0.478	.478 (53)							
4 7-004 YELLOW BULLHEAD V 10x	5	5	0.800	.550 (3)							
				.250 (2)							
5 47-005 BROWN BULLHEAD V 10x	3	3	0.213	.213 (3)							
6 87-001 ROUND GOBY V 10x	17	17	0.290	.290 (17)							
7 43-011 BLACKNOSE DACE V 10x	3	3	0.008	.008 (3)							
8 77-000 LARGEMOUTH BASS V 10x	3	3	0.010	.010 (3)							
9 77-037 PUMPKIN SEED BINFISH V 10x	5	5	0.200	.200 (5)							

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



FISH DATA SHEET

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New Station (requires lat/long & county)

Mix Zone

Page 1 of 2

Station ID _____ River Code _____ RM 0.55 Date 08/21/15 Time 0900 hrs

Stream Euclid Creek Location 150ft Downstream of Lakeshore Blvd

Comments DA = 23 sq. miles, QHEI done during first pass DUE TO DEPTH UNABLE TO SHOOT ALL of BIG POOL

Lat 41.5833 Long -81.5594 County Cuyahoga ALP _____ Time Fished 2515 sec

Crew J. Rhoades Netter E. Soehnlen Others D. Friedman / J. Schiel Sampler Type E

Distance 0.2 km Flow _____ Temp. C _____ Secchi _____ Source _____ Project Euclid Creek Study Plan 2015

Fins Code Number Weighed Total Counted Total Weight

Weights **Counts**

DELT ANOMALIES
Deformities, Erosions, Lesions, Tumors
Multiple DELTs on one fish

Fins Code	Number Weighed	Total Counted	Total Weight	Weights	Counts	DELT ANOMALIES
1 77-008 Green Sunfish V 10x	5	5	.040	.040 (5)		D E L T M *
2 77-013 Pumpkin-seed Sunfish V 10x	20	20	.490	.490 (20)		D E L T M *
3 77-009 Bluegill V 10x	2	2	.028	.008 (B) .020 (1)		D E L T M *
4 00-003 Yellow Perch V 10x	1	1	.008	.008 (1)		D E L T M *
5 20-003 Gizzard Shad V 10x	179	179	.840	0.840 (179)		D E L T M *
6 43-013 Creek Chub V 10x	99	99	1.44	0.91 (31) 0.53 (68)		D E L T M *
7 43-035 Mimic Shiner V 10x	246	246	.260	0.260 (246)		D E L T M *
8 40-016 White Sucker V 10x	154	154	2.373	1.7 (29) 0.56 (120) .103 (3)	.01 (1)	D E L T M *
9 82-001 Round Goby V 10x	32	32	.071	0.07 (29) .001 (3)		D E L T M *

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



FISH DATA SHEET

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New Station (requires lat/long & county)

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Mix Zone

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Station ID _____ River Code _____ RM 8.30 Date Sept 2 15 Time 10:00 a.m.
 Stream MILL CREEK Location UPSTREAM OF SOUTH MILES ROAD
 Comments DA: 3.90 mi²
 Lat 41.4309 (N) Long - 81.5443 (W) County CUYAHOGA ALP _____ Time Fished 2460 sec
 Crew Zablotny Netter Meany Others Matteson/Ambrose Sampler Type E
 Distance 0.15 km Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 MILL CREEK

Fins Code	Number Weighed	Total Counted	Total Weight	Weights		DELT ANOMALIES					
				Counts		Deformities, Erosions, Lesions, Tumors	Multiple DELTs on one fish				
1 43-013 creek chub V 10x		160		(160)		D	E	L	T	M	*
2 43-011 blacknose V 10x		514		(5) (71) (148)	(290)	D	E	L	T	M	*
3 77-013 pumpkin seed V 10x		1		(1)		D	E	L	T	M	*
4 77-008 green sunfish V 10x		2		(2)		D	E	L	T	M	*
5 V 10x						D	E	L	T	M	*
6 V 10x						D	E	L	T	M	*
7 V 10x						D	E	L	T	M	*
8 V 10x						D	E	L	T	M	*
9 V 10x						D	E	L	T	M	*

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



FISH DATA SHEET

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New Station (requires lat/long & county)

Mix Zone

Station ID _____ River Code _____ RM 0.12 Date 7/23/15 Time 1300hrs

Stream Mill Creek Location Upstream of Canal Road

Comments DA = 19.50 mi²

Lat 41.4179 Long -81.0385 County Chyanoga ALP _____ Time Fished 2290 sec.

Crew Friedman Netter Amidon Others Zablotny/Schiel Sampler Type E

Distance 0.15 km Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 Mill Creek

Fins Code	Number Weighed	Total Counted	Total Weight	Weights <u>Counts</u>			DELTA ANOMALIES Deformities, Erosions, Lesions, Tumors Multiple DELTs on one fish											
							D	E	L	T	M	*						
1 77-004 Smallmouth bass V 10x	3	3	0.397	0.272 (1)														
				0.050 (1)														
				0.075 (1)														
2 47-004 Yellow perch V 10x	3	3	0.590	0.390 (1)														
				0.200 (2)														
3 43-044 Central Stoneroller V 10x	370	370	0.785	0.310 (157)	0.010 (4)	0.001 (1)												
				0.175 (94)	0.010 (3)	0.004 (1)												
				0.100 (30)	0.175 (80)													
4 43-042 Fathead minnow V 10x	1	1	0.002	0.002 (1)														
5 40-010 White sucker V 10x	122	122	1.109	0.006 (1)	0.150 (19)													
				0.850 (99)	0.003 (2)													
				0.100 (1)														
6 43-011 Blacknose dace V 10x	3	3	0.012	0.012 (3)														
7 77-008 Green sunfish V 10x	33	33	0.382	0.380 (32)														
				0.002 (1)														
8 43-013 Creek chub V 10x	18	18	0.120	0.120 (18)														
9 87-001 Round goby V 10x	1	1	0.010	0.010 (1)														

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

Fins Code Number Weighed Total Counted Total Weight

Weights Counts

Fins Code	Number Weighed	Total Counted	Total Weight	Weights	Counts	D	E	L	T	M	*
10 77-013 Pumpkin seed (V2) 10x	8	8	0.150	0.150	(8)						
11 80-015 greenside darter (V2) 10x	3	3	0.010	0.010	(3)						
12 43-043 bluntnose minnow V 10x	30	30	0.104	0.110 (23) 0.008 (1) 0.040 (10)	0.000 (2)						
13 43-025 striped shiner (V10) 10x	20	20	0.470	0.470	(20)						
14 43-003 golden shiner (V1) 10x	1	1	0.008	0.008	(1)						
15 43-034 sand shiner (V2) 10x	41	41	0.104	0.004 (1) 0.100 (40)							
16 43-002 goldfish (V2) 10x	2	2	0.090	0.090	(2)						
17 80-014 Johnny Darter (V1) 10x	1	1	0.004	0.004	(1)						
18 77-006 Largemouth bass (V1) 10x	5	5	0.032	0.010 (1) 0.008 (2) 0.004 (1)	0.010 (1)						
19 80-003 yellow perch (V1) 10x	3	3	0.024	0.004 (1) 0.012 (1) 0.008 (1)							
20 47-005 brown bullhead V 10x	2	2	0.015	0.015	(2)						
21 77-007 warmouth sunfish (V1) 10x	3	3	0.018	0.006 (1) 0.012 (2)							



FISH DATA SHEET

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New Station (requires lat/long & county)

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Mix Zone

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Station ID _____ River Code _____ RM 0-12 Date 7/23/15 Time 1300hrs

Stream Mill Creek Location Upstream of Canal Road

Comments DA = 19.50 m²

Lat 41.4179 Long -81.0385 County Cuyahoga ALP _____ Time Fished 2290 sec

Crew Friedman Netter Amidon Others Zablotny/Schnel Sampler Type E

Distance 0.15 km Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 Mill Creek

Fins Code	Number Weighed	Total Counted	Total Weight	Weights (Counts)		DELT ANOMALIES					
						Deformities, Erosions, Lesions, Tumors Multiple DELTs on one fish					
						D	E	L	T	M	*
1	77-009 Bluegill Sunfish V 10x	15	15	0.230	0.020 (10) 0.210 (8) 0.006 (1)						
2	V 10x										
3	V 10x										
4	V 10x										
5	V 10x										
6	V 10x										
7	V 10x										
8	V 10x										
9	V 10x										

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



FISH DATA SHEET

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New Station (requires lat/long & county)

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Mix Zone

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Station ID _____ River Code _____ RM 0.12 Date Sept 2, 15 Time 1:00 PM
 Stream Mill Creek, Canal Rd. Location Canal Rd.
 Comments DA: 19.5 mi²
 Lat 41.4178 Long -81.6387 County Cuyahoga R. ALP _____ Time Fished 2754 sec
 Crew M. Many Netter K. Amidon Others M. Mattheson / T. Zabolotny Sampler Type Long MC
 Distance 0.15 Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 Mill Creek

Fins Code	Number Weighed	Total Counted	Total Weight	Weights (Counts)		DELT ANOMALIES									
						D	E	L	T	M	*				
1 43-013 creek chub V 10x		22		20											
2 80-003 yellow perch V 10x		2		2											
3 40-015 Hogsucker V 10x		3		3											
4 43-044 central stoneroller V 10x		537		291 246											
5 47-005 brown bullhead V 10x		2		2											
6 47-004 yellow bullhead V 10x		5		5											
7 40-016 white sucker V 10x		97		3 1 93											
8 77-008 green sunfish V2 10x		21		9 6 2 (small)	12										
9 77-004 smallmouth bass V 10x		1		1											

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

	Fins Code	Number Weighed	Total Counted	Total Weight	Weights	Counts	D	E	L	T	M	*
10	77-006 largemouth bass		2			①						
	V					①						
	10x											
11	43-043 bluntnose minnow		54			①						
	V					①						
	10x					②						
12	43-034 sand shiner		50			④						
	V					①						
	10x					①						
13	77-009 bluegill sunfish		19			①						
	V											
	10x											
14	43-025 striped shiner		42			⑥						
	V					②						
	10x					③						
15	77-015 green X bluegill		11			⑩						
	V					①						
	10x											
16	80-011 logperch darter		2			②						
	V											
	10x											
17	80-015 greenside darter		25			②						
	V											
	10x											
18	43-039 silverjaw minnow		10			⑧						
	V					①						
	10x					①						
19	80-022 rainbow darter		1			①						
	V											
	10x											
20	77-013 pumpkinseed sunfish		1			①						
	V											
	10x											
21	43-011 blacknose dace		9			③						
	V					①						
	10x					⑤						



FISH DATA SHEET

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New Station
(requires lat/long & county)

Mix Zone

Page 1 of 1

Station ID _____ River Code _____ RM 2.10 Date July 2, 15 Time 2:00pm-2:40pm
Stream WEST CREEK Location DOWNSTREAM 1-480Comments DA: 8.7 mi²Lat 41.4136 (N) Long -81.6705 (W) County CUYAHOGA ALP _____ Time Fished 2723
sec.Crew Mattew/Friction/Zabistrey Netter Bryanna Baggart Others _____ Sampler Type EDistance 0.15 km Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 WEST CREEK

Fins Code	Number Weighed	Total Counted	Total Weight	Weights (Counts)		DELT ANOMALIES Deformities, Erosions, Lesions, Tumors Multiple DELTs on one fish									
						D	E	L	T	M	*				
1 43-044 Stone roller V 10x		264		(249)	(13)										
2 43-011 Black nose V dace 10x		189		(173)	(4)										
3 43-013 creek chub V 10x		123		(108)	(15)										
V 10x															
5 V 10x															
6 V 10x															
7 V 10x															
8 V 10x															
9 V 10x															

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



FISH DATA SHEET

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New Station (requires lat/long & county)

Mix Zone

Station ID

River Code

RM 0.20

Date

July 22, 15

Time

9:30 am

Stream WEST CREEK

Location

DOWNSTREAM CRANEER ROAD

Comments

DA: 13.2 mi²

Lat 41.4145 W

Long -81.6477 W

County CUYAHOGA

ALP

Time Fished

2116 sec.

Crew Friedman

Netter Amidon

Others

Zablotny/Connelly/Boggan

Sampler Type

E

Distance 0.15 Km

Flow

Temp. C

Secchi

Source

Project 2015 WEST CREEK

Fins Code Number Weighed Total Counted Total Weight

Weights Counts

DELTA ANOMALIES Deformities, Erosions, Lesions, Tumors Multiple DELTs on one fish

Fins Code	Number Weighed	Total Counted	Total Weight	Weights	Counts	DELTA ANOMALIES	
1 43-044 Stoneroller		678		240 171	120 3	135	D E L T M *
V 10x							
2 40-016 White Suckers		186		185	1		D E L T M *
V 10x							
3 43-013 Creek Chubs		28		1	27		D E L T M *
V 10x							
4 43-034 Sand Shiners		25		21	3		D E L T M *
V2 10x				1			
5 43-025 Striped Shiners		16		16			D E L T M *
V2 10x							
6 77-008 Green Sunfish		17		17			D E L T M *
V 10x							
7 43-043 Bluntnose Minnow		6		1	1		D E L T M *
V 10x				4			
8 43-002 Goldfish		1		1			D E L T M *
V 10x							
9 43-011 Blacknose Dace		10		10			D E L T M *
V 10x							

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

Long bass

3

spot fin shiner v2

3

gold fish 1



FISH DATA SHEET

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New Station (requires lat/long & county)

Mix Zone

Page 1 of 2

Station ID _____ River Code RM0.20 Date Sept 3, 15 Time _____

Stream West Creek Location Renovation area, Grandger R.

Comments Drainage 13.2 sq mi

Lat 41.4145 Long 81.6477 County Cuyahoga ALP _____ Time Fished 2350 sec

Crew Zablony Netter Meany Others Matteron Amidon Sampler Type E

Distance 0.15 Flow _____ Temp. C _____ Secchi _____ Source _____ Project 2015 West Cr.

Fins Code Number Weighed Total Counted Total Weight

Weights **Counts**

DELTA ANOMALIES
Deformities, Erosions, Lesions, Tumors
Multiple DELTs on one fish

Fins Code	Number Weighed	Total Counted	Total Weight	Weights	Counts	D	E	L	T	M	*
1 40-016 White Sucker V 10x	26			(24) (2)							
2 43-011 Blacknose Dace V 10x	29			(27) (1) (1)							
3 80-024 Parrot Darter V 10x	1			(1)							
4 47-004 Yellow Bullhead V 10x	1			(1)							
5 43-043 Bluntnose Minnow V 10x	13			(12) (1)							
6 43-042 Fathead Minnow V 10x	2			(2)							
7 20-003 Gizzard Shad V 10x	2			(2)							
8 77-008 Green Sunfish V 10x	5			(5)							
9 77-009 Bluegill Sunfish V 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

Attachment F
2015 Water Chemistry Results

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	R-1508180003	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	R-1508180003	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	Ba		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	Ba		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	R-1508110003	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	R-1508180003	Ba		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	R-1508110003	Be	<	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	R-1508180003	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	AE		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	0.8	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		SM 9223 Colilert
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	R-1508180003	Fe		644.5	ug/L	24-Sep-15	1	10	EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Field Cond		1119	umhos/cm				SM 2510A
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	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	R-1508180003	Field DO		10.15	mg/L				SM 4500-0 G
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Field DO		10.15	mg/L				
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Field DO		120	%				SM 4500-0 G
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	Field DO		120	%				
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	Field Temp		19.2	C				EPA 170.1
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	Field Temp		21.7	C				EPA 170.1
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	Field Temp		19.1	C				EPA 170.1
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	Field Temp		20.2	C				EPA 170.1
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	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	0.05	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	0.006	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	pH		8.16	S.U.				EPA-200.8
Big Creek	River Mile 4.40	7/22/2015 8:50	R-1507210003	pH		8.16	S.U.				
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	pH		8.26	S.U.				EPA-200.8
Big Creek	River Mile 4.40	7/29/2015 9:44	R-1507280003	pH		8.26	S.U.				
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	pH		7.99	S.U.				EPA-200.8
Big Creek	River Mile 4.40	8/5/2015 9:16	R-1508030019	pH		7.99	S.U.				
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	pH		8.09	S.U.				EPA-200.8
Big Creek	River Mile 4.40	8/12/2015 9:50	R-1508110003	pH		8.09	S.U.				
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	pH		8.02	S.U.				EPA-200.8
Big Creek	River Mile 4.40	8/19/2015 10:40	R-1508180003	pH		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	R-1508110003	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	R-1508180003	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	R-1508180003	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	Ba		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	Ba		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	Ba		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	R-1508110002	Ba		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	Ba		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	R-1508110002	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	R-1508180002	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	R-1507210002	BOD	<	2	mg/L	22-Jul-15	2		SM 5210
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	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	R-1508110002	BOD		3.5	mg/L	12-Aug-15	2		SM 5210
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	BOD	AE		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	0.01	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	0.01	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	0.01	EPA 365.1
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	DRPhos		0.038	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	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	R-1508110002	Field Cond	1036	umhos/cm				SM 2510A
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	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	R-1508110002	Field Cond	959.6	umhos/cm				SM 2510B
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	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	R-1507210002	Field DO	94.4	%				SM 4500-0 G
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	Field DO	94.4	%				
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	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	R-1507280002	Field DO	9.06	mg/L				

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	C						EPA 170.1
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	Field Temp	21.2	C						EPA 170.1
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	Field Temp	21.2	C						EPA 170.1
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Field Temp	22.4	C						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	Mo	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	R-1508110002	Mo	7.452	ug/L	1-Sep-15	0.034	1			EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	Mo	7.205	ug/L	24-Sep-15	0.034	1			EPA-200.8

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)	7/22/2015 8:55	R-1507210002	pH		8.08	S.U.					EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/22/2015 8:55	R-1507210002	pH		8.08	S.U.					
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	pH		8.05	S.U.					EPA-200.8
Big Creek	River Mile 0.15 (EM1)	7/29/2015 8:50	R-1507280002	pH		8.05	S.U.					
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	pH		7.85	S.U.					EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/5/2015 8:50	R-1508030018	pH		7.85	S.U.					
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	pH		7.92	S.U.					EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/12/2015 11:10	R-1508110002	pH		7.92	S.U.					
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	pH		7.73	S.U.					EPA-200.8
Big Creek	River Mile 0.15 (EM1)	8/19/2015 9:07	R-1508180002	pH		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	R-1508110002	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

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

Big Creek	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
Big Creek	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
Big Creek	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
Big Creek	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
Big Creek	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
Big Creek	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

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
Cuyahoga River	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	Ba		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	Ba		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	Ba		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	Ba		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	Ba		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	R-1508170010	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	R-1507270010	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	EPA 300.0
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	R-1508100010	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	R-1508170010	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	R-1507270010	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	R-1508100010	Conduct		776	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Conduct		967	uS/cm	9-Sep-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	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	R-1507270010	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	R-1508100010	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	R-1508170010	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	R-1507200011	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	R-1507270010	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	R-1508030016	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	R-1508100010	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	R-1508170010	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	R-1507200011	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	R-1507270010	DRPhos		0.014	mg/L	29-Jul-15	0.003	0.01	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	R-1508100010	Field Cond		774	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Field Cond		774	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Field Cond		819	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Field Cond		819	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Field Cond		953	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Field Cond		953	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Field Cond		960	umhos/cm				SM 2510A
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Field Cond		960	umhos/cm				SM 2510B
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Field DO		11.65	mg/L				SM 4500-0 G
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Field DO		11.65	mg/L				
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Field DO		141.1	%				SM 4500-0 G
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	Field DO		141.1	%				
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	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	C				EPA 170.1
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	Field Temp		24.5	C				EPA 170.1
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	Field Temp		23.4	C				EPA 170.1
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Field Temp		21.9	C				EPA 170.1
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Field Temp		24.6	C				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	Mo		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	Mo		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	Mo		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

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	NO3+NO2		2.501	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+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	pH		8.02	S.U.				EPA-200.8
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	pH		8.02	S.U.				
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	pH		8.59	S.U.				EPA-200.8
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	pH		8.59	S.U.				
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	pH		8.28	S.U.				EPA-200.8
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	pH		8.28	S.U.				
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	pH		7.76	S.U.				EPA-200.8
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	pH		7.76	S.U.				
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	pH		7.95	S.U.				EPA-200.8
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	pH		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	R-1507270010	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	8/4/2015 9:48	R-1508030016	SO4		64.34	mg/L	12-Aug-15	0.5	5	
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	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	R-1508170010	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	R-1507270010	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	R-1508170010	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	R-1507270010	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	0.01	EPA 365.1
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	Total-P		0.232	mg/L	13-Aug-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	Total-P		0.223	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	TS		448	mg/L	22-Jul-15	1	5	SM2540B
Cuyahoga River	River Mile 12.10	7/28/2015 10:24	R-1507270010	TS		567	mg/L	28-Jul-15	1	5	SM2540B
Cuyahoga River	River Mile 12.10	8/4/2015 9:48	R-1508030016	TS		594	mg/L	5-Aug-15	1	5	SM2540B
Cuyahoga River	River Mile 12.10	8/11/2015 10:55	R-1508100010	TS		700	mg/L	12-Aug-15	1	5	SM2540B
Cuyahoga River	River Mile 12.10	8/18/2015 10:05	R-1508170010	TS		650	mg/L	18-Aug-15	1	5	SM2540B
Cuyahoga River	River Mile 12.10	7/21/2015 11:48	R-1507200011	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	Ba		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	Ba		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	Ba		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	Ba		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	Ba		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	Ba		46.42	ug/L	24-Sep-15	0.066	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	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

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	R-1507270005	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	R-1507270005	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	Co		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	R-1507270005	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	R-1508030011	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	R-1508100005	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	R-1508170005	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	R-1508170012	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	R-1507200006	Conduct		742	uS/cm	12-Aug-15	0.2	0.8	SM 2510B
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Conduct		953	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
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	R-1507270005	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	8/4/2015 11:25	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	R-1507270005	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	R-1508170012	Fe		751.8	ug/L	24-Sep-15	1	10	EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Field Cond		745	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Field Cond		745	umhos/cm				SM 2510B
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Field Cond		753	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Field Cond		753	umhos/cm				SM 2510B
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Field Cond		941	umhos/cm				SM 2510A
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-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	R-1507270005	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	R-1507200006	Field Temp		24.4	C				EPA 170.1
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Field Temp		24	C				EPA 170.1
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Field Temp		23.5	C				EPA 170.1
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Field Temp		22.3	C				EPA 170.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	Field Temp		24.5	C				EPA 170.1
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Hg	<	0.006	ug/L	28-Jul-15	0.006	0.05	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	0.05	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	R-1507200006	Mo		2.884	ug/L	5-Aug-15	0.034	1	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	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	Mo		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	Mo		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	R-1507200006	Na		75010	ug/L	5-Aug-15	27.8	250	EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	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		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	R-1507200006	NH3		0.048	mg/L	29-Jul-15	0.002	0.02	EPA-350.1
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	NH3		0.072	mg/L	4-Aug-15	0.002	0.02	EPA-350.1
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	NH3		0.052	mg/L	12-Aug-15	0.002	0.02	EPA-350.1
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	NH3		0.11	mg/L	12-Aug-15	0.002	0.02	EPA-350.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	NH3		0.068	mg/L	19-Aug-15	0.002	0.02	EPA-350.1
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170012	NH3		0.053	mg/L		0.002	0.02	EPA-350.1
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Ni		4.072	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
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	0.04	EPA 353.2
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	NO3+NO2		4.418	mg/L	4-Aug-15	0.015	0.1	EPA 353.2
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	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	R-1508100005	NO3+NO2		2.844	mg/L	12-Aug-15	0.006	0.04	EPA 353.2
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	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	R-1508170012	NO3+NO2		5.207	mg/L		0.015	0.1	EPA 353.2
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	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	pH		7.84	S.U.				EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	pH		7.84	S.U.				
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	pH		7.96	S.U.				EPA-200.8
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	pH		7.96	S.U.				
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	pH		7.88	S.U.				EPA-200.8
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	pH		7.88	S.U.				
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	pH		7.63	S.U.				EPA-200.8
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	pH		7.63	S.U.				
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	pH		7.82	S.U.				EPA-200.8
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	pH		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	8/4/2015 11:25	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	R-1507270005	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	R-1507270005	SO4		63.2	mg/L	5-Aug-15	0.5	5	
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	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	R-1508100005	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	R-1508100005	SO4		52.04	mg/L	13-Aug-15	0.5	5	
Cuyahoga River	River Mile 7.00	8/18/2015 9:35	R-1508170005	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	R-1507270005	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	R-1507270005	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	R-1507270005	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	R-1508170012	TMET		23.9	ug/L	24-Sep-15	10		EPA-200.8
Cuyahoga River	River Mile 7.00	7/21/2015 8:44	R-1507200006	Total-P		0.113	mg/L	23-Jul-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 7.00	7/28/2015 10:22	R-1507270005	Total-P		0.161	mg/L	30-Jul-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 7.00	8/4/2015 11:25	R-1508030011	Total-P		0.116	mg/L	6-Aug-15	0.003	0.01	EPA 365.1
Cuyahoga River	River Mile 7.00	8/11/2015 9:27	R-1508100005	Total-P		0.333	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	Total-P		0.201	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	Total-P		0.194	mg/L	19-Aug-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 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	Ba		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	Ba		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	Ba		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	Ba		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	Ba		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	R-1507130007	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	R-1506150003	BOD		2.8	mg/L	17-Jun-15	2		SM 5210
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	BOD		3.9	mg/L	23-Jun-15	2		SM 5210
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	BOD	<	2	mg/L	1-Jul-15	2		SM 5210
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	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	R-1506150003	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	R-1506220003	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	R-1506150003	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	R-1506220003	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	R-1506290003	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	0.8	SM 2510B
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	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	R-1506220003	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	R-1506290003	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	R-1507060007	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	R-1507130007	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	R-1506150003	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	R-1506220003	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	R-1506290003	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	R-1506150003	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	R-1506220003	DRPhos		0.034	mg/L	24-Jun-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	DRPhos		0.028	mg/L	30-Jun-15	0.003	0.01	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	R-1507130007	Field Cond		881	umhos/cm				SM 2510A
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Field Cond		881	umhos/cm				SM 2510B
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Field DO		8.52	mg/L				SM 4500-0 G
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Field DO		8.52	mg/L				
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	Field DO		96.1	%				SM 4500-0 G
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	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	C				EPA 170.1
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Field Temp		21.1	C				EPA 170.1
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Field Temp		18.1	C				EPA 170.1
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	Field Temp		22.2	C				EPA 170.1
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	Field Temp		20.6	C				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	R-1506220003	Mg		5608	ug/L	30-Jun-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	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	R-1507130007	Mg		11910	ug/L	24-Jul-15	4.2	250	EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	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	R-1506220003	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	R-1506290003	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	R-1507060007	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	Mo		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	Mo		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	Mo		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	Mo		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	Mo		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	0.02	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	0.02	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	0.02	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	R-1506150003	NO3		0.334	mg/L	17-Jun-15	0.003	0.02	EPA 300.0
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	NO3		0.334	mg/L	17-Jun-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	NO3		0.294	mg/L	26-Jun-15	0.003	0.02	EPA 300.0
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	NO3		0.294	mg/L	26-Jun-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	NO3		0.631	mg/L	1-Jul-15	0.003	0.02	EPA 300.0
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	NO3		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		0.16	mg/L	9-Jul-15	0.003	0.02	EPA 300.0
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	NO3		0.16	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		0.269	mg/L	16-Jul-15	0.003	0.02	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	R-1506150003	NO3+NO2		0.362	mg/L	17-Jun-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	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	R-1506290003	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	pH		8	S.U.				EPA-200.8
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	pH		8	S.U.				
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	pH		7.82	S.U.				EPA-200.8
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	pH		7.82	S.U.				
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	pH		7.9	S.U.				EPA-200.8
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	pH		7.9	S.U.				
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	pH		8.28	S.U.				EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	pH		8.28	S.U.				
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	pH		8	S.U.				EPA-200.8
Euclid Creek	River Mile 1.65	7/14/2015 9:33	R-1507130007	pH		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	R-1506150003	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	R-1506150003	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	R-1506220003	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	R-1506290003	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	R-1507060007	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	R-1507130007	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	R-1506150003	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	R-1506220003	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	R-1506290003	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	R-1506150003	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	R-1506290003	TMET		12.7	ug/L	8-Jul-15	10		EPA-200.8
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	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	R-1506150003	Total-P		0.126	mg/L	18-Jun-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	Total-P		0.226	mg/L	26-Jun-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	Total-P		0.048	mg/L	1-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	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	R-1507130007	Total-P		0.093	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 1.65	6/16/2015 12:00	R-1506150003	TS		390	mg/L	18-Jun-15	1	5	SM2540B
Euclid Creek	River Mile 1.65	6/23/2015 11:43	R-1506220003	TS		478	mg/L	23-Jun-15	1	5	SM2540B
Euclid Creek	River Mile 1.65	6/30/2015 11:16	R-1506290003	TS		610	mg/L	30-Jun-15	1	5	SM2540B
Euclid Creek	River Mile 1.65	7/7/2015 11:30	R-1507060007	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	R-1506150002	*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	R-1506150002	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	R-1507130006	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	R-1506150002	Ba		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	R-1506220002	Ba		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	R-1506290002	Ba		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	R-1507060006	Ba		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	R-1507060008	Ba		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	R-1507130006	Ba		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	R-1506150002	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	R-1506220002	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	R-1506290002	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	R-1507060006	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	Be	<	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	EPA 300.0
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	R-1506290002	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	R-1507060006	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	R-1507060008	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	R-1507130006	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	R-1506150002	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	R-1506220002	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	0.8	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		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		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		SM 9223 Colilert
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		SM 9223 Colilert
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	R-1507060006	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	R-1507060008	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	R-1507130006	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	R-1506150002	Field Cond		508.9	umhos/cm				SM 2510A
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Field Cond		508.9	umhos/cm				SM 2510B
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	Field Cond		548	umhos/cm				SM 2510A
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	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	R-1506220002	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	C				EPA 170.1
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	Field Temp		21.3	C				EPA 170.1
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Field Temp		19.4	C				EPA 170.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Field Temp		23.4	C				EPA 170.1
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	Field Temp		21	C				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	R-1506220002	Hg	<	0.006	ug/L	30-Jun-15	0.006	0.05	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	Mo		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	Mo		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	Mo		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	Mo		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	Mo		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	Mo		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	R-1506220002	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	R-1507060008	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	R-1507130006	Na		109600	ug/L	24-Jul-15	27.8	250	EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	NH3		0.066	mg/L	17-Jun-15	0.002	0.02	EPA-350.1
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	NH3		0.09	mg/L	26-Jun-15	0.002	0.02	EPA-350.1
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	NH3		0.02	mg/L	1-Jul-15	0.002	0.02	EPA-350.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	NH3		0.107	mg/L	9-Jul-15	0.002	0.02	EPA-350.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	NH3		0.159	mg/L	9-Jul-15	0.002	0.02	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	R-1506150002	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	R-1506220002	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	R-1506290002	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	R-1507060006	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	R-1507060008	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	R-1506290002	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	0.02	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	0.02	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	0.02	EPA 300.0
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	NO3		0.232	mg/L	16-Jul-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	NO3+NO2		0.394	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+NO2		0.357	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+NO2		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+NO2		0.115	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-1507060008	NO3+NO2		0.115	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+NO2		0.228	mg/L	16-Jul-15	0.003	0.02	EPA 353.2
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	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	R-1506220002	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	R-1507130006	Pb	j	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	R-1506150002	pH		8	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/16/2015 11:28	R-1506150002	pH		8	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	pH		7.8	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	pH		7.8	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	pH		7.87	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	pH		7.87	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	pH		8.28	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	pH		8.28	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	pH		8.09	S.U.				EPA-200.8
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	pH		8.09	S.U.				EPA-200.8
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	R-1507060008	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	R-1506220002	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	R-1506290002	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	R-1507060006	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	EPA 300.0
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	R-1507130006	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	R-1506150002	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	R-1506220002	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	R-1507060008	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	R-1507130006	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	R-1506150002	TDS		310	mg/L	17-Jun-15	1	5	SM2540C
Euclid Creek	River Mile 0.55 (EM5)	6/23/2015 12:13	R-1506220002	TDS		214	mg/L	25-Jun-15	1	5	SM2540C
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	TDS		592	mg/L	30-Jun-15	1	5	SM2540C
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	TDS		712	mg/L	8-Jul-15	1	5	SM2540C
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	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	TI	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	TI	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	TI	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	R-1506150002	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	R-1506220002	Total-P		0.23	mg/L	26-Jun-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	6/30/2015 11:32	R-1506290002	Total-P		0.053	mg/L	1-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060006	Total-P		0.026	mg/L	9-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	7/7/2015 12:02	R-1507060008	Total-P		0.024	mg/L	9-Jul-15	0.003	0.01	EPA 365.1
Euclid Creek	River Mile 0.55 (EM5)	7/14/2015 9:53	R-1507130006	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	R-1506150002	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	Ba		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	Ba		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	Ba		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	Ba		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	Ba		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	0.8	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	0.8	SM 2510B
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Conduct		1410	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Conduct		1790	uS/cm	21-Jul-15	0.2	0.8	SM 2510B
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Conduct		1270	uS/cm	21-Jul-15	0.2	0.8	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	R-1506220007	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	R-1506150010	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	R-1506220007	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	R-1506290007	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	R-1507060012	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	R-1506150010	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	R-1506150010	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	R-1506220007	Field DO		93.1	%				
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Field DO		8.86	mg/L				SM 4500-0 G
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Field DO		93.4	%				
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Field DO		103	%				
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Field DO		9.16	mg/L				SM 4500-0 G
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Field DO		8.65	mg/L				SM 4500-0 G
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Field DO		95.8	%				
Mill Creek	River Mile 8.30	6/16/2015 10:50	R-1506150010	Field Temp		20.7	C				EPA 170.1
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	Field Temp		21	C				EPA 170.1
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	Field Temp		17.7	C				EPA 170.1
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	Field Temp		20.8	C				EPA 170.1
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	Field Temp		20.2	C				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	Mo		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	Mo		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	R-1506290007	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	pH		8.01	S.U.				
Mill Creek	River Mile 8.30	6/23/2015 10:44	R-1506220007	pH		7.97	S.U.				
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	pH		8.15	S.U.				
Mill Creek	River Mile 8.30	7/7/2015 10:32	R-1507060012	pH		8.26	S.U.				
Mill Creek	River Mile 8.30	7/14/2015 10:34	R-1507130011	pH		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	R-1507130011	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	R-1506220007	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	R-1506220007	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	R-1506290007	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	R-1507060012	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	TI	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	R-1506220007	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	R-1506220007	Total-P		0.224	mg/L	26-Jun-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 8.30	6/30/2015 10:21	R-1506290007	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	R-1507060012	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	Ba		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	Ba		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	Ba		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	Ba		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	Ba		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	Ba		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	Be	<	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	R-1507130008	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	R-1506150006	Conduct	HT	566	uS/cm	21-Jul-15	0.2	0.8	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	0.8	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	0.8	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	R-1507100014	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	6/16/2015 9:50	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	7/9/2015 15:20	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	C				EPA 170.1
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	Field Temp		21.1	C				EPA 170.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	Field Temp		16.9	C				EPA 170.1
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	Field Temp		20.3	C				EPA 170.1
Mill Creek	River Mile 0.12	7/9/2015 10:53	R-1505290012	Field Temp		19.5	C				EPA 170.1
Mill Creek	River Mile 0.12	7/9/2015 15:20	R-1505290020	Field Temp		21.2	C				EPA 170.1
Mill Creek	River Mile 0.12	7/10/2015 9:21	R-1506090006	Field Temp		19.8	C				EPA 170.1
Mill Creek	River Mile 0.12	7/10/2015 14:25	R-1506090016	Field Temp		22.3	C				EPA 170.1
Mill Creek	River Mile 0.12	7/11/2015 7:32	R-1507090006	Field Temp		17.5	C				EPA 170.1
Mill Creek	River Mile 0.12	7/11/2015 10:04	R-1507090015	Field Temp		19	C				EPA 170.1
Mill Creek	River Mile 0.12	7/12/2015 8:52	R-1507100007	Field Temp		19	C				EPA 170.1
Mill Creek	River Mile 0.12	7/12/2015 12:00	R-1507100014	Field Temp		20.9	C				EPA 170.1
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Field Temp		20.2	C				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	R-1506290004	Hg	<	0.006	ug/L	8-Jul-15	0.006	0.05	EPA 245.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	Hg	j	0.006	ug/L	8-Jul-15	0.006	0.05	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	0.05	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	R-1506290008	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	R-1507130008	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	Mo		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	Mo		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	R-1507130008	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	0.02	EPA-350.1
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	NH3		0.164	mg/L	26-Jun-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	NH3		0.365	mg/L	1-Jul-15	0.002	0.02	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	0.02	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	0.02	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	0.02	EPA-350.1
Mill Creek	River Mile 0.12	7/9/2015 15:20	R-1505290020	NH3		0.13	mg/L	22-Jul-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 0.12	7/10/2015 9:21	R-1506090006	NH3		0.242	mg/L	23-Jul-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 0.12	7/10/2015 14:25	R-1506090016	NH3		0.239	mg/L	23-Jul-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 0.12	7/11/2015 7:32	R-1507090006	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	R-1507090015	NH3		0.307	mg/L	23-Jul-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 0.12	7/12/2015 8:52	R-1507100007	NH3		0.321	mg/L	24-Jul-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 0.12	7/12/2015 12:00	R-1507100014	NH3		0.276	mg/L	24-Jul-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	NH3		0.242	mg/L	16-Jul-15	0.002	0.02	EPA-350.1
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	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	R-1506220004	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	pH		7.88	S.U.				
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	pH		7.92	S.U.				
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	pH		7.07	S.U.				
Mill Creek	River Mile 0.12	7/7/2015 9:15	R-1507060009	pH		7.65	S.U.				
Mill Creek	River Mile 0.12	7/9/2015 10:53	R-1505290012	pH		7.98	S.U.				
Mill Creek	River Mile 0.12	7/9/2015 15:20	R-1505290020	pH		7.96	S.U.				
Mill Creek	River Mile 0.12	7/10/2015 9:21	R-1506090006	pH		7.84	S.U.				
Mill Creek	River Mile 0.12	7/10/2015 14:25	R-1506090016	pH		7.91	S.U.				
Mill Creek	River Mile 0.12	7/11/2015 7:32	R-1507090006	pH		7.7	S.U.				
Mill Creek	River Mile 0.12	7/11/2015 10:04	R-1507090015	pH		7.81	S.U.				
Mill Creek	River Mile 0.12	7/12/2015 8:52	R-1507100007	pH		7.8	S.U.				
Mill Creek	River Mile 0.12	7/12/2015 12:00	R-1507100014	pH		7.91	S.U.				
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	pH		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	R-1506290004	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	R-1506220004	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	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/9/2015 10:53	R-1505290012	Total-P		0.104	mg/L	10-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/9/2015 15:20	R-1505290020	Total-P		0.27	mg/L	16-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/10/2015 9:21	R-1506090006	Total-P		0.087	mg/L	16-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/10/2015 14:25	R-1506090016	Total-P		0.076	mg/L	16-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/11/2015 7:32	R-1507090006	Total-P		0.061	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/11/2015 10:04	R-1507090015	Total-P		0.056	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/12/2015 8:52	R-1507100007	Total-P		0.051	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/12/2015 12:00	R-1507100014	Total-P		0.048	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	7/14/2015 9:00	R-1507130008	Total-P		0.054	mg/L	17-Jul-15	0.003	0.01	EPA 365.1
Mill Creek	River Mile 0.12	6/16/2015 9:50	R-1506150006	TS		476	mg/L	18-Jun-15	1	5	SM2540B
Mill Creek	River Mile 0.12	6/23/2015 9:30	R-1506220004	TS		744	mg/L	23-Jun-15	1	5	SM2540B
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290004	TS		758	mg/L	30-Jun-15	1	5	SM2540B
Mill Creek	River Mile 0.12	6/30/2015 8:50	R-1506290008	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	Ba		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	Ba		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	Ba		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	Ba		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	Ba		20.47	ug/L	24-Jul-15	0.066	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	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	R-1507140009	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	R-1506150021	BOD	<	2	mg/L	18-Jun-15	2		SM 5210
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	BOD	<	2	mg/L	25-Jun-15	2		SM 5210
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	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	R-1506150021	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	R-1506150021	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	R-1506150021	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	R-1506150021	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	R-1506300008	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		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	R-1506150021	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	R-1506160004	Cu		6.252	ug/L	30-Jun-15	0.146	2	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Cu		27.97	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	R-1506150021	DRPhos		0.049	mg/L	17-Jun-15	0.003	0.01	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	0.01	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	0.01	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	R-1506150021	Field Cond		743	umhos/cm				SM 2510A
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	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	R-1505290010	Field Cond		504	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/9/2015 14:01	R-1505290025	Field Cond		243	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/9/2015 14:01	R-1505290025	Field Cond		264	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/10/2015 8:42	R-1506090009	Field Cond		604.9	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/10/2015 8:42	R-1506090009	Field Cond		685	umhos/cm				SM 2510B
West Creek	River Mile 2.10	7/10/2015 13:27	R-1506090019	Field Cond		674.3	umhos/cm				SM 2510A
West Creek	River Mile 2.10	7/10/2015 13:27	R-1506090019	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	AE		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	R-1506300008	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	R-1505290010	Field DO		8.89	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/9/2015 10:02	R-1505290010	Field DO		96.1	%				
West Creek	River Mile 2.10	7/9/2015 14:01	R-1505290025	Field DO		8.79	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/9/2015 14:01	R-1505290025	Field DO		93	%				
West Creek	River Mile 2.10	7/10/2015 8:42	R-1506090009	Field DO		8.93	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/10/2015 8:42	R-1506090009	Field DO		96.2	%				
West Creek	River Mile 2.10	7/10/2015 13:27	R-1506090019	Field DO		8.74	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/10/2015 13:27	R-1506090019	Field DO		97	%				
West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	Field DO		9.24	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	Field DO		95.9	%				
West Creek	River Mile 2.10	7/11/2015 11:02	R-1507090017	Field DO		9.29	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/11/2015 11:02	R-1507090017	Field DO			%				
West Creek	River Mile 2.10	7/12/2015 8:18	R-1507100009	Field DO		8.66	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/12/2015 8:18	R-1507100009	Field DO		92.4	%				
West Creek	River Mile 2.10	7/12/2015 11:30	R-1507100016	Field DO		8.08	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/12/2015 11:30	R-1507100016	Field DO		88.8	%				
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Field DO		8.7	mg/L				SM 4500-0 G
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Field DO		95.6	%				
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Field Temp		17.8	C				EPA 170.1
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Field Temp		19	C				EPA 170.1
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Field Temp		18.3	C				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	R-1505290010	Field Temp		19.1	C				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	C				EPA 170.1
West Creek	River Mile 2.10	7/10/2015 8:42	R-1506090009	Field Temp		18.8	C				EPA 170.1
West Creek	River Mile 2.10	7/10/2015 13:27	R-1506090019	Field Temp		20.6	C				EPA 170.1
West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	Field Temp		17	C				EPA 170.1
West Creek	River Mile 2.10	7/11/2015 11:02	R-1507090017	Field Temp		18.9	C				EPA 170.1
West Creek	River Mile 2.10	7/12/2015 8:18	R-1507100009	Field Temp		18.4	C				EPA 170.1
West Creek	River Mile 2.10	7/12/2015 11:30	R-1507100016	Field Temp		19.8	C				EPA 170.1
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	Field Temp		19.8	C				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	R-1506150021	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	R-1506160004	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	R-1506300008	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	Mo		3.158	ug/L	24-Jul-15	0.034	1	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	Na		93720	ug/L	26-Jun-15	27.8	250	EPA-200.8
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	Na		82740	ug/L	30-Jun-15	27.8	250	EPA-200.8
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	Na		65310	ug/L	8-Jul-15	27.8	250	EPA-200.8
West Creek	River Mile 2.10	7/8/2015 9:45	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	R-1507140009	Na		77560	ug/L	24-Jul-15	27.8	250	EPA-200.8
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	NH3		0.039	mg/L	19-Jun-15	0.002	0.02	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

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
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	7/8/2015 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	7/9/2015 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	7/9/2015 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	7/10/2015 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	7/10/2015 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	7/11/2015 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 11:02	R-1507090017	NH3		0.066	mg/L	24-Jul-15	0.002	0.02	EPA-350.1
West Creek	River Mile 2.10	7/12/2015 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	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		0.133	mg/L	29-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	7/1/2015 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 9:45	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	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	0.012	mg/L	24-Jun-15	0.001	0.02	SM 4500-NO2-B
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 9:45	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 10:05	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-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	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		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	7/8/2015 9:45	R-1507070008	pH		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	pH		8.02	S.U.				
West Creek	River Mile 2.10	7/9/2015 14:01	R-1505290025	pH		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	pH		8.23	S.U.				
West Creek	River Mile 2.10	7/11/2015 8:16	R-1507090009	pH		8.09	S.U.				
West Creek	River Mile 2.10	7/11/2015 11:02	R-1507090017	pH		8.18	S.U.				
West Creek	River Mile 2.10	7/12/2015 8:18	R-1507100009	pH		8.05	S.U.				
West Creek	River Mile 2.10	7/12/2015 11:30	R-1507100016	pH		8.19	S.U.				
West Creek	River Mile 2.10	7/15/2015 9:43	R-1507140009	pH		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	R-1506160004	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	R-1506300008	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	R-1507140009	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	R-1506150021	TDS		486	mg/L	19-Jun-15	1	5	SM2540C
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	TDS		448	mg/L	25-Jun-15	1	5	SM2540C
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	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	R-1507140009	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	R-1507090017	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	R-1507100009	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	R-1507100016	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	R-1507140009	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	R-1506160004	TS		464	mg/L	25-Jun-15	1	5	SM2540B
West Creek	River Mile 2.10	7/1/2015 10:50	R-1506300008	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	R-1507140009	TS		404	mg/L	17-Jul-15	1	5	SM2540B
West Creek	River Mile 2.10	6/17/2015 10:05	R-1506150021	TSS		2.4	mg/L	18-Jun-15	0.5	1	SM2540D
West Creek	River Mile 2.10	6/24/2015 9:56	R-1506160004	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	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	R-1506150019	Ba		38.52	ug/L	26-Jun-15	0.066	1	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Ba		33.5	ug/L	30-Jun-15	0.066	1	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Ba		27.71	ug/L	8-Jul-15	0.066	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Ba		31.3	ug/L	22-Jul-15	0.066	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Ba		26.47	ug/L	24-Jul-15	0.066	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Ba		25.85	ug/L	21-Jul-15	0.066	1	EPA-200.8
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Be	<	0.108	ug/L	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	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

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	R-1507140007	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	R-1507140013	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	R-1506160002	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	0.8	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	0.8	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	R-1507090016	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	R-1507140007	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	R-1506160002	Field DO	AE		mg/L				SM 4500-0 G
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Field DO			%				
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	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	R-1505290011	Field DO		8.67	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/9/2015 10:25	R-1505290011	Field DO		94	%				
West Creek	River Mile 0.20	7/9/2015 14:38	R-1505290022	Field DO		8.73	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/9/2015 14:38	R-1505290022	Field DO		98	%				
West Creek	River Mile 0.20	7/10/2015 8:55	R-1506090008	Field DO		8.67	mg/L				SM 4500-0 G
West Creek	River Mile 0.20	7/10/2015 8:55	R-1506090008	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	R-1506090018	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	C				EPA 170.1
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Field Temp		18.3	C				EPA 170.1
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Field Temp		19.1	C				EPA 170.1
West Creek	River Mile 0.20	7/9/2015 10:25	R-1505290011	Field Temp		19.2	C				EPA 170.1
West Creek	River Mile 0.20	7/9/2015 14:38	R-1505290022	Field Temp		20.9	C				EPA 170.1
West Creek	River Mile 0.20	7/10/2015 8:55	R-1506090008	Field Temp		19	C				EPA 170.1
West Creek	River Mile 0.20	7/10/2015 13:42	R-1506090018	Field Temp		22	C				EPA 170.1
West Creek	River Mile 0.20	7/11/2015 8:08	R-1507090007	Field Temp		17.3	C				EPA 170.1
West Creek	River Mile 0.20	7/11/2015 10:53	R-1507090016	Field Temp		18.9	C				EPA 170.1
West Creek	River Mile 0.20	7/12/2015 8:35	R-1507100008	Field Temp		18.9	C				EPA 170.1
West Creek	River Mile 0.20	7/12/2015 11:50	R-1507100015	Field Temp		20.3	C				EPA 170.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Field Temp		20.1	C				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	0.006	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	0.006	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		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	0.02	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	0.02	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	0.02	EPA-350.1
West Creek	River Mile 0.20	7/11/2015 10:53	R-1507090016	NH3		0.09	mg/L	24-Jul-15	0.002	0.02	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	0.02	EPA-350.1
West Creek	River Mile 0.20	7/12/2015 11:50	R-1507100015	NH3		0.038	mg/L	24-Jul-15	0.002	0.02	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	0.02	EPA-350.1
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	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

Waterbody	Sample Location	Sample Date	Sample ID	Parameter	Code	Result	Units	Analysis Date	MDL	PQL	Method
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 4500-NO2-B
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 4500-NO2-B
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 4500-NO2-B
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 4500-NO2-B
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 4500-NO2-B
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	EPA 353.2
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	EPA 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	EPA 353.2
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	EPA 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	EPA 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	EPA 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	EPA 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	EPA 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	EPA 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	EPA 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	EPA 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	EPA 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	EPA-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	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Pb		2.331	ug/L	8-Jul-15	0.116	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Pb	j	0.701	ug/L	22-Jul-15	0.116	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140007	Pb	j	0.526	ug/L	24-Jul-15	0.116	1	EPA-200.8
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	Pb	j	0.549	ug/L	21-Jul-15	0.116	1	EPA-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.				
West Creek	River Mile 0.20	6/17/2015 9:25	R-1506150019	Sb	j	0.582	ug/L	26-Jun-15	0.036	1	EPA-200.8
West Creek	River Mile 0.20	6/24/2015 8:50	R-1506160002	Sb	j	0.564	ug/L	30-Jun-15	0.036	1	EPA-200.8
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	Sb	j	0.55	ug/L	8-Jul-15	0.036	1	EPA-200.8
West Creek	River Mile 0.20	7/8/2015 9:10	R-1507070006	Sb	j	0.633	ug/L	22-Jul-15	0.036	1	EPA-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	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	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	R-1506160002	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	R-1506160002	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	R-1506160002	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	R-1506300006	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	R-1507140007	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	R-1507140013	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	R-1506150019	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	R-1506160002	TKN		0.798	mg/L	26-Jun-15	0.081	0.5	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	R-1506090018	Total-P		0.066	mg/L	16-Jul-15	0.003	0.01	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	R-1507090016	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	R-1507100008	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	R-1506160002	TS		658	mg/L	25-Jun-15	1	5	SM2540B
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	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	R-1507140007	TS		598	mg/L	17-Jul-15	1	5	SM2540B
West Creek	River Mile 0.20	7/15/2015 9:05	R-1507140013	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	R-1506160002	TSS		16.5	mg/L	25-Jun-15	0.5	1	SM2540D
West Creek	River Mile 0.20	7/1/2015 10:20	R-1506300006	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

Attachment G
2015 Surface Water Condition Sampling Field Data
Sheets

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Big Creek Date: 8/19/15 Collectors: ES/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: 600XL A

Time (hrs): 9:07 am 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: _____

Field Parameters: Conductivity (µmhos/cm): 715 Sp. Cond. (µmhos/cm): 753

Dissolved Oxygen (mg/L): 9.81 D.O. (%): 115.0

Temperature (°C): 22.35 pH (s.u.): 7.73

Turbidity 1 (NTU): 20.2 Turbidity 2 (NTU): 20.5 Average (NTU): 20.4

General Comments: _____

Time (hrs): 09:54 River Mile (Site): Stickney Creek 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): 729 Sp. Cond. (µmhos/cm): 775

Dissolved Oxygen (mg/L): 9.87 D.O. (%): 111.5

Temperature (°C): 21.82 pH (s.u.): 7.76

Turbidity 1 (NTU): 11.5 Turbidity 2 (NTU): 12.1 Average (NTU): 11.8

General Comments: _____

R-1508180002 River Mile 0.15 (EM1)
 Big Creek Sample Date: 8/19/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E
 Sample ID:

R-1508180005 River Mile 0.15
 Stickney Creek Sample Date: 8/19/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E
 Sample ID:

NEORS Surface Water Condition Sampling Field Data Form

Stream: Big Creek Date: 8/19/15 Collectors: ES/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: 600 XL A

Time (hrs): 10:24 River Mile (Site): 0.20

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: could not find

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 Sp. Cond. (µmhos/cm): 771

Dissolved Oxygen (mg/L): 8.84 D.O. (%): 98.0

Temperature (°C): 22.86 pH (s.u.): 7.65

Turbidity 1 (NTU): 12.2 Turbidity 2 (NTU): 12.6 Average (NTU): 12.4

General Comments: _____

Time (hrs): 1040 River Mile (Site): 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 Other: could not find

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): 10.15 D.O. (%): 120.0

Temperature (°C): 22.48 pH (s.u.): 8.02

Turbidity 1 (NTU): 23.4 Turbidity 2 (NTU): 22.9 Average (NTU): 23.2

General Comments: _____

R-1508180004
 Big Creek West Br River Mile
 Sample Date: 8/19/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E
 Sample II

R-1508180003
 Big Creek River Mile 4.40
 Sample Date: 8/19/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E

R-1508110008

Stickney Creek River Mile 0.15

Sample Date: 8/12/2016

None-A HNO3-B H2SO4-C Na2S2O3-E

R-1508110005

Stickney Creek River Mile 0.15

Sample Date: 8/12/2016

None-A HNO3-B H2SO4-C Na2S2O3-E

R-1508110002

Big Creek River Mile 0.15 (EM1)

Sample Date: 8/12/2016

None-A HNO3-B H2SO4-C Na2S2O3-E

*2.4 mg/L
in 10/1/15*

NEORS D Surface Water Condition Sampling Field Data Form

Stream: Big Creek Date: 8/12/15 Collectors: Pron M / Denise 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): 10:30 River Mile (Site): 0.15 (Stiney 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): 7401 Temperature (°C): 19.961

Dissolved Oxygen (mg/L): 8.87 pH (s.u.): 7.94

Turbidity (NTU): 1.90 / 1.68

General Comments: 100% 97.7
sp on 8/19
Duplicate 5.7c Turbl 1.77
Turbid 1.68
Turbid 1.7

Time (hrs): 11:10 am River Mile (Site): 0.15 Jennings

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): 8.32 pH (s.u.): 7.92

Turbidity (NTU): 7.32

General Comments: 100% 93.9
sp on 10/25.8
Turb - 7.01
Turb - 7.62

Z. Phillips
D. Phillips

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Big Creek Date: 8/12/15 Collectors: Bon M. / Denise 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: EXOD

Time (hrs): 8:57am River Mile (Site): ~~5.9~~ 0.20

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): 778.1 Temperature (°C): 20.686
Dissolved Oxygen (mg/L): 8.12 pH (s.u.): 7.30
Turbidity (NTU): 3.48^{0.20.7}

General Comments: 100% 90.7 Turb1 - 3.48^{0.20.7}
SpLen 778.1 Turb2 - 3.41^{0.20.3}

Time (hrs): 9:27am River Mile (Site): ~~8.9~~ 9.8

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): 994.7 Temperature (°C): 19.757
Dissolved Oxygen (mg/L): 8.54 pH (s.u.): 7.86
Turbidity (NTU): 3.48

General Comments: 100% 93.8 Turb1 - 3.54
SpLen 1105.3 Turb2 - 3.41

R-1508110006
Big Creek Snow Br River Mile
Sample Date: 8/12/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

R-1508110007
Big Creek River Mile 9.80
Sample Date: 8/12/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS D Surface Water Condition Sampling Field Data Form

Stream: Big Creek Date: 8/12/15 Collectors: Prohm, Denise 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: YSI EX01 "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: _____

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): 996 Temperature (°C): 21.008

Dissolved Oxygen (mg/L): 7.43 pH (s.u.): 7.70

Turbidity (NTU): 5.53

General Comments: Sp Con 1078.3 Turb1 - 5.47
DO% 83.5% Turb2 - 5.59

Time (hrs): 9:50 River Mile (Site): 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
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 pH (s.u.): 8.09

Turbidity (NTU): 11.4

General Comments: Sp Con: 894.5 Turb1 - 11.3
DO% 100.3 Turb2 - 11.5

R-1508110004 West Br River Mile
Big Creek Sample Date: 8/12/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

R-1508110003 River Mile 4.40
Big Creek Sample Date: 8/12/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS D Surface Water Condition Sampling Field Data Form

Stream: Big Creek Date: 8/5/15 Collectors: MM/TZ

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): 8:50 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): 1108.7 Sp. Cond. (µmhos/cm): 1195.1

Dissolved Oxygen (mg/L): 7.39 D.O. (%): 88.7

Temperature (°C): 21.213 pH (s.u.): 7.85

Turbidity 1 (NTU): 2.05 Turbidity 2 (NTU): 1.99 Average (NTU): 2.02

General Comments: _____

Sample ID:

Time (hrs): 9:16 River Mile (Site): 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 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): 966.9 Sp. Cond. (µmhos/cm): 1089.4

Dissolved Oxygen (mg/L): 8.24 D.O. (%): 89.3

Temperature (°C): 19.107 pH (s.u.): 7.99

Turbidity 1 (NTU): 1.59 Turbidity 2 (NTU): 1.41 Average (NTU): 1.50

General Comments: _____

Sample ID:

R-1508030018
Big Creek River Mile 0.15 (EM1)
Sample Date: 8/5/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

R-1508030019
Big Creek River Mile 4.40
Sample Date: 8/5/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Big Date: 7/29/15 Collectors: D Friedman, J Klepach

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: 600XL B

Time (hrs): 0850 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): 1544 Sp. Cond. (µmhos/cm): 1582

Dissolved Oxygen (mg/L): 9.06 D.O. (%): 107.6

Temperature (°C): 23.81 pH (s.u.): 8.05

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 2.09

General Comments: _____

Time (hrs): 0944 River Mile (Site): Big 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 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): 1120 Sp. Cond. (µmhos/cm): 1195

Dissolved Oxygen (mg/L): 9.63 D.O. (%): 108.2

Temperature (°C): 21.69 pH (s.u.): 8.20

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 5.53

General Comments: _____ FB: 0.32

R-1507280002
Big Creek River Mile 0.15 (EM1)
Sample Date: 7/29/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

R-1507280003
Big Creek River Mile 4.40
FB-1507280001
Field Blank
Sample Date: 7/29/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Big Creek Date: 07-22-15 Collectors: Maichle, Seibert

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: VSI EX01 "C"

Time (hrs): 0855 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: _____

Field Parameters: Conductivity (µmhos/cm): 1390.4 Sp. Cond. (µmhos/cm): 1485.6

Dissolved Oxygen (mg/L): 4.26 D.O. (%): 94.21

Temperature (°C): 21.6/21.0 pH (s.u.): 8.08

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 2.05 2.705

General Comments: TDS mg/l = 960

R-1507210002
 Big Creek River Mile 0.15 (EM1)
 Sample Date: 7/22/2015 8:48:00 AM
 None-A HNO3-B H2SO4-C Na2S2O3-E

Time (hrs): 0950 River Mile (Site): Snow/Pearl Branch 0.20

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): 888.5 Sp. Cond. (µmhos/cm): 1001.3

Dissolved Oxygen (mg/L): 8.22 D.O. (%): 89.0

Temperature (°C): 19.096 pH (s.u.): 7.96

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 6.30

General Comments: TDS mg/l = 651

R-1507210006
 Big Creek Snow Br River Mile
 Sample Date: 7/22/2015 8:48:00 AM
 None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Big Creek Date: 7/22/15 Collectors: Knittle/Rhoades

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: 1000XL Sonde "D"

Time (hrs): 0850 River Mile (Site): Rm 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 Other: just 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): 1119.0 Sp. Cond. (µmhos/cm): 1259.5

Dissolved Oxygen (mg/L): 8.83 D.O. (%): 95.9

Temperature (°C): 19.15 pH (s.u.): 8.16

Turbidity 1 (NTU): 1.31 Turbidity 2 (NTU): 1.36 Average (NTU): 1.34

General Comments: HD installed after water chem sampling.

R-1507210003
 River Mile 4.40
 Big Creek
 Sample Date: 7/22/2016 8:48:00 AM
 None-A HNO3-B H2SO4-C Na2S2O3-E

Time (hrs): 0915 River Mile (Site): RM 0.02

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: INSTALLED HD

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): 1043.6 Sp. Cond. (µmhos/cm): 1157.4

Dissolved Oxygen (mg/L): 7.44 D.O. (%): 81.9

Temperature (°C): 19.85 pH (s.u.): 7.83

Turbidity 1 (NTU): 4.66 Turbidity 2 (NTU): 4.59 Average (NTU): 4.63

General Comments: HD installed after water chem sampling

R-1507210004
 West Br River Mile
 Big Creek
 Sample Date: 7/22/2016 8:48:00 AM
 None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Cuyahoga Date: 07/21/15 Collectors: E. Soehnlen, B. Bosgan

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: 600XL unit "B"

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 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): 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): 24.11 pH (s.u.): 7.83

Turbidity 1 (NTU): 16.0 Turbidity 2 (NTU): 15.8 Average (NTU): 15.9

General Comments: _____

R-1507200006

Cuyahoga River River Mile 7.00

Sample Date: 7/21/2016

None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID:

R-1507200007

Cuyahoga River River Mile 8.60

Sample Date: 7/21/2016

None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID:

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Cuyahoga Date: 07/21/15 Collectors: E. Soehnle R. Bosson

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: 600XL unit "B"

Time (hrs): 11:18 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: 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): 661 Sp. Cond. (µmhos/cm): 671

Dissolved Oxygen (mg/L): 11.57 D.O. (%): 141.5

Temperature (°C): 24.17 pH (s.u.): 8.00

Turbidity 1 (NTU): 15.7 Turbidity 2 (NTU): 16.0 Average (NTU): 15.9

General Comments: _____

Time (hrs): 11:48 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: 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): 674 Sp. Cond. (µmhos/cm): 687

Dissolved Oxygen (mg/L): 11.05 D.O. (%): 141.1

Temperature (°C): 24.06 pH (s.u.): 8.02

Turbidity 1 (NTU): 16.4 Turbidity 2 (NTU): 15.7 Average (NTU): 16.1

General Comments: _____

R-1507200010
Cuyahoga River River Mile 11.30
Sample Date: 7/21/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

R-1507200011
Cuyahoga River River Mile 12.10
Sample Date: 7/21/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS Surface Water Condition Sampling Field Data Form

Stream: Cuyahoga Date: 7/28/15 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: Exo 'c'

Time (hrs): 10:00 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: _____ 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): 902.6 Sp. Cond. (µmhos/cm): 909.9

Dissolved Oxygen (mg/L): 8.21 D.O. (%): 98.9

Temperature (°C): 24.89 pH (s.u.): 8.57

Turbidity 1 (NTU): 2.70 Turbidity 2 (NTU): 2.96 Average (NTU): 2.83

General Comments: _____

Sample ID:

Time (hrs): 10:24 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: _____

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): 888.6 Sp. Cond. (µmhos/cm): 898.1

Dissolved Oxygen (mg/L): 8.28 D.O. (%): 99.5

Temperature (°C): 24.484 pH (s.u.): 8.59

Turbidity 1 (NTU): 3.32 Turbidity 2 (NTU): 3.22 Average (NTU): 3.27

General Comments: _____

Sample ID:

R-1507270009

Cuyahoga River River Mile 11.30

Sample Date: 7/28/2015 12:50:00 PM

None-A HNO3-B H2SO4-C Na2S2O3-E

R-1507270010

Cuyahoga River River Mile 12.10

Sample Date: 7/28/2015 12:50:00 PM

None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Cuyahoga River Date: 7/28/15 Collectors: R. Maichu/K. Amidon

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: 1000XL "R" HACH 120227-5108

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: _____

Flow: Dry Intermittent 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): 941 Sp. Cond. (µmhos/cm): 910

Dissolved Oxygen (mg/L): 9.46 D.O. (%): 112.2

Temperature (°C): 23.98 pH (s.u.): 7.90

Turbidity 1 (NTU): 5.14 Turbidity 2 (NTU): 5.49 Average (NTU): 5.32

General Comments: _____

missing gravel bar

Time (hrs): 1057 River Mile (Site): RM 7.75

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: 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): 1060 Sp. Cond. (µmhos/cm): 1009

Dissolved Oxygen (mg/L): 8.41 D.O. (%): 107.7

Temperature (°C): 27.67 pH (s.u.): 8.04

Turbidity 1 (NTU): 10.8 Turbidity 2 (NTU): 10.7 Average (NTU): 10.8

General Comments: _____

R-1507270005 River Mile 7.00
Sample Date: 7/28/2015 12:50:00 PM
None-A HNO3-B H2SO4-C Na2S2O3-E

R-1507270003 River Mile 2.75
Sample Date: 7/28/2015 12:50:00 PM
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS D Surface Water Condition Sampling Field Data Form

Stream: Cuyahoga R Date: Aug 4, 15 Collectors: Zabloty Friedman

Gage Station and ID: Independence 04208000 Daily Mean Discharge: 339 ft³/sec

Was this sample taken during or following a wet weather event? (YES) NO

Water Quality Meters Used: _____

Time (hrs): 9:10:10 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: 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): 978.7 Sp. Cond. (µmhos/cm): 1001.1

Dissolved Oxygen (mg/L): 7.01 D.O. (%): 90.4

Temperature (°C): 23.82 pH (s.u.): 8.30

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 3.92

General Comments: _____

Time (hrs): 9:48 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: _____

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): 974.4 Sp. Cond. (µmhos/cm): 1004.6

Dissolved Oxygen (mg/L): 10.95 D.O. (%): 81.9

Temperature (°C): 23.38 pH (s.u.): 8.28

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 5.10

General Comments: _____

R-1508030015 River Mile 11.30
Cuyahoga River Sample Date: 8/4/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

R-1508030016 River Mile 12.10
Cuyahoga River Sample Date: 8/4/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Cuyahoga Date: 8/4/15 Collectors: Zablony/Friedman

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 "C"

Time (hrs): 1102 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): 980.1 Sp. Cond. (µmhos/cm): 1009.8

Dissolved Oxygen (mg/L): 7.72 D.O. (%): 91.3

Temperature (°C): 23.45 pH (s.u.): 7.98

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 4.18

General Comments: _____

Time (hrs): 1125 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): 978.9 Sp. Cond. (µmhos/cm): 1008.3

Dissolved Oxygen (mg/L): 7.32 D.O. (%): 86.3

Temperature (°C): 23.47 pH (s.u.): 7.88

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 5.12

General Comments: No R:flu present

R-1508030012

Cuyahoga River River Mile 8.60

Sample Date: 8/4/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID:

R-1508030011

Cuyahoga River River Mile 7.00

Sample Date: 8/4/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Cuyahoga Date: 8/11/15 Collectors: M. Matheson / K. Amido

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 1 "D" HACH 120277-SALOR

Time (hrs): 1035 River Mile (Site): RM 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: 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): 1088.5 Sp. Cond. (µmhos/cm): 729.1

Dissolved Oxygen (mg/L): 7.00 D.O. (%): 80.4

Temperature (°C): 22.111 pH (s.u.): 7.73

Turbidity 1 (NTU): 110.5 Turbidity 2 (NTU): 15.1 Average (NTU): 15.8 X 10X = 158

General Comments: 10X turbidity dilution

Time (hrs): 1055 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: 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): 774.0 Sp. Cond. (µmhos/cm): 819.0

Dissolved Oxygen (mg/L): 10.85 D.O. (%): 78.4

Temperature (°C): 21.920 pH (s.u.): 7.710

Turbidity 1 (NTU): 18.5 Turbidity 2 (NTU): 19.9 Average (NTU): 19.2 X 5X = 96.0

General Comments: 5X turbidity dilution

R-1508100009

Cuyahoga River River Mile 11.30

Sample Date: 8/11/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

R-1508100010

Cuyahoga River River Mile 12.10

Sample Date: 8/11/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS D Surface Water Condition Sampling Field Data Form

Stream: Cuyahoga Date: 08/11/15 Collectors: E. Seeholzer, D. Phillips

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: 600XL unit "A"

Time (hrs): 1200 River Mile (Site): 5.9

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: Water is too elevated to see HD

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): 650 Sp. Cond. (µmhos/cm): 684

Dissolved Oxygen (mg/L): 6.91 6.60 D.O. (%): 81.8 76.6

Temperature (°C): 22.45 pH (s.u.): 7.58

5x dil
Turbidity 1 (NTU): 30.1 Turbidity 2 (NTU): 30.3 Average (NTU): 30.2 x 5 = 151

General Comments: _____

Time (hrs): 9:27 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: Water is too elevated to see HD

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): 639 Sp. Cond. (µmhos/cm): 674

Dissolved Oxygen (mg/L): 7.04 D.O. (%): 81.1

Temperature (°C): 22.30 pH (s.u.): 7.63

10x dil
Turbidity 1 (NTU): 24.8 Turbidity 2 (NTU): 23.9 Average (NTU): 24.4 x 10 = 244

General Comments: _____

R-1508100004
Cuyahoga River River Mile 5.90
Sample Date: 8/11/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

Sampl.

R-1508100005
Cuyahoga River River Mile 7.00
Sample Date: 8/11/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS Surface Water Condition Sampling Field Data Form

Stream: Cuyahoga Date: 8/18/15 Collectors: En Sobhian / K Anderson

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: Handheld

Time (hrs): 0945 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: OK Other: Not found / muddy

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): 961 Sp. Cond. (µmhos/cm): 965

Dissolved Oxygen (mg/L): 7.33 D.O. (%): 87.5

Temperature (°C): 24.75 pH (s.u.): 7.97

Turbidity 1 (NTU): 24.1 Turbidity 2 (NTU): 24.6 Average (NTU): 24.4

General Comments: _____

R-1508170009
 Cuyahoga River River Mile 11.30
 Sample Date: 8/18/2016
 None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID

R-1508170010
 Cuyahoga River River Mile 12.10
 Sample Date: 8/18/2016
 None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID

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: Not found / muddy

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): 953 Sp. Cond. (µmhos/cm): 960

Dissolved Oxygen (mg/L): 7.30 D.O. (%): 86.9

Temperature (°C): 24.63 pH (s.u.): 7.95

Turbidity 1 (NTU): 18.8 Turbidity 2 (NTU): 19.8 Average (NTU): 19.3

General Comments: _____

NEORS Surface Water Condition Sampling Field Data Form

Stream: Cuyahoga River Date: 8/18/15 Collectors: MM/TZ

Gage Station and ID: Independence 04208000 Daily Mean Discharge: 467 ft³/sec

Was this sample taken during or following a wet weather event? YES NO

Water Quality Meters Used: EXO D

Time (hrs): 904 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: did not see

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): 969 Sp. Cond. (µmhos/cm): 979

Dissolved Oxygen (mg/L): 6.96 D.O. (%): 83.5

Temperature (°C): 24.54 pH (s.u.): 7.61

Turbidity 1 (NTU): 16.1 Turbidity 2 (NTU): 15.0 Average (NTU): 15.6

General Comments: River elevated due to Rain to the South

R-1508170006 Cuyahoga River River Mile 8.60
 Sample Date: 8/18/2016
 None-A HNO3-B H2SO4-C Na2S2O3-E
 AE 15081710 Sample ID:

Time (hrs): 935 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: too muddy

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): 976.1 Sp. Cond. (µmhos/cm): 979.5

Dissolved Oxygen (mg/L): 7.10 D.O. (%): 84.3

Temperature (°C): 24.50 pH (s.u.): 7.82

Turbidity 1 (NTU): 9.48 Turbidity 2 (NTU): 9.79 Average (NTU): 9.47

General Comments: River elevated due to rain to the South

R-1508170012 Cuyahoga River River Mile 7.00
 Sample Date: 8/18/2016
 None-A HNO3-B H2SO4-C Na2S2O3-E

R-1508170005
Cuyahoga River River Mile 7.00
 Sample Date: 8/18/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS Surface Water Condition Sampling Field Data Form

Stream: Euclid Creek Date: 07/14/15 Collectors: E. Soehren, J. McEadigan

Gage Station and ID: USGS 04208700 Daily Mean Discharge: 148.70 ft³/sec

Was this sample taken during or following a wet weather event? YES/NO

Water Quality Meters Used: 600XL unit "A" HACH 120227-5068

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:

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): 8.80 D.O. (%): 99.3

Temperature (°C): 20.57 pH (s.u.): 8.00

Turbidity 1 (NTU): 1.59 Turbidity 2 (NTU): 1.76 Average (NTU): 1.68

General Comments: _____

R-1507130007
 Euclid Creek River Mile 1.65
 Sample Date: 7/14/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID:

R-1507130006
 Euclid Creek River Mile 0.55 (EM5)
 Sample Date: 7/14/2016
 None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID:

Time (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

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. (%): 104.4

Temperature (°C): 20.96 pH (s.u.): 8.09

Turbidity 1 (NTU): 2.82 Turbidity 2 (NTU): 2.91 Average (NTU): 2.87

General Comments: _____

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Euclid Creek Date: 07/14/15 Collectors: E. Soehren, J. McFarian

Gage Station and ID: USGS 04208700 Daily Mean Discharge: 148.76 ft³/sec

Was this sample taken during or following a wet weather event? YES NO

Water Quality Meters Used: 600XL unit "A" HACH 1202275048

Time (hrs): 9.58 River Mile (Site): RM0.55 Field Blank

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): _____ Sp. Cond. (µmhos/cm): _____

Dissolved Oxygen (mg/L): _____ D.O. (%): _____

Temperature (°C): _____ pH (s.u.): _____

Turbidity 1 (NTU): 0.11 Turbidity 2 (NTU): 0.07 Average (NTU): 0.09

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): _____ Sp. Cond. (µmhos/cm): _____

Dissolved Oxygen (mg/L): _____ D.O. (%): _____

Temperature (°C): _____ pH (s.u.): _____

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): _____

General Comments: _____

FB-1507130001
Field Blank
 Sample Date: 7/14/2015
Field Blank
None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID:

Sample ID:

NEORS Surface Water Condition Sampling Field Data Form

Stream: Euclid Creek Date: 07/07/15 Collectors: E. Soehnlen, D. Friedman

Gage Station and ID: USGS 04208700 Daily Mean Discharge: 149.64 ft³/sec

Was this sample taken during or following a wet weather event? YES/ NO

Water Quality Meters Used: EXO 1 unit "C"

Time (hrs): 1202 hrs 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

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): 1217.5 Sp. Cond. (µmhos/cm): 1255.4

Dissolved Oxygen (mg/L): 11.05 * D.O. (%): 130.3 high?

Temperature (°C): 23.418 pH (s.u.): 8.28

Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 1.37

General Comments: Dup: 1.17

Time (hrs): 11:30 River Mile (Site): 1.65

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): 1159.2 Sp. Cond. (µmhos/cm): 1224.8

Dissolved Oxygen (mg/L): 10.38 * D.O. (%): 119.5

Temperature (°C): 22.195 pH (s.u.): 8.28

Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 0.92

General Comments: Bump Tested Exo 1 Do seems high

LDO → 8.43 mg/L
EXO → 8.33

R-1507060008
 Euclid Creek River Mile 0.55 (EM5)
 Sample Date: 7/7/2015
 Sample II None-A HNO3-B H2SO4-C Na2S2O3-E

R-1507060008
 Euclid Creek River Mile 1.65
 Sample Date: 7/7/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSN Surface Water Condition Sampling Field Data Form

Stream: Euclid Creek Date: 6/30/15 Collectors: M. Matheson/K. Amidon

Gage Station and ID: USGS 04208700 Daily Mean Discharge: 59.28 ft³/sec

Was this sample taken during or following a wet weather event? YES/NO (NO)

Water Quality Meters Used: EXD 1 "C" HACH 12D277-SD68

Time (hrs): 1132 River Mile (Site): 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

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): 841.3 Temperature (°C): 19.392
Dissolved Oxygen (mg/L): 8.31 pH (s.u.): 7.87
Turbidity (NTU): 6.48

General Comments: sd cond = 949.6 DO = 90.8

R-1506290002
Euclid Creek River Mile 0.55 (EM5)
Sample Date: 6/30/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

Time (hrs): 1110 River Mile (Site): 1.65

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): 837.3 Temperature (°C): 18.133
Dissolved Oxygen (mg/L): 8.48 pH (s.u.): 7.90
Turbidity (NTU): 4.74

General Comments: sd cond = 963.6 DO = 92.2

R-1506290003
Euclid Creek River Mile 1.65
Sample Date: 6/30/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Euclid Date: 06/23/15 Collectors: Sachalen/Maichle

Gage Station and ID: USGS 04208700 Daily Mean Discharge: 1072.35 ft³/sec

Was this sample taken during or following a wet weather event? YES NO

Water Quality Meters Used: HACH 120227-5068 45.00 °C

Time (hrs): 11:43 River Mile (Site): 1.65

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): 343.0 Sp. Cond. (µmhos/cm): 370.9

Dissolved Oxygen (mg/L): 8.46 D.O. (%): 95.1

Temperature (°C): 21.064 pH (s.u.): 7.82

10x dilution
Turbidity 1 (NTU): 19.4 Turbidity 2 (NTU): 10.0 Average (NTU): 10.7 x 10 = 107

General Comments: _____

Time (hrs): 12:13 River Mile (Site): 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

HD Status: OK Other: N/A

Color: Clear Muddy Tea Milky Other: _____

Odor: Normal Petroleum Anaerobic Sewage Chemical Other: _____

Surface Coating: None Foam Oily Scum Other: Slight foam w/ debris

Field Parameters: Conductivity (µmhos/cm): 355.4 Sp. Cond. (µmhos/cm): 383.3

Dissolved Oxygen (mg/L): 8.68 D.O. (%): 98.1

Temperature (°C): 21.324 pH (s.u.): 7.80

10x dilution
Turbidity 1 (NTU): 20.6 Turbidity 2 (NTU): 21.7 Average (NTU): 21.2 x 10 = 212

General Comments: FB-001 @ 5.4c - 2 Deer @ 5.4c

FB Turbidity results 1: 0.15 2: 0.16 Ave: 0.14

R-1506220003 Euclid Creek River Mile 1.65
Sample Date: 6/23/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

R-1506220002 Euclid Creek River Mile 0.55 (EM5)
Sample Date: 6/23/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID:

FB-1506220001
Field Blank Field Blank
Sample Date: 6/23/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

AE15061513

NEORS Surface Water Condition Sampling Field Data Form

R-1506150002
Euclid Creek River Mile 0.55 (EM5)
Sample Date: 6/16/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

Stream: Euclid Date: 6-16-15 Collectors: Zablotny

Gage Station and ID: USGS 04208700 Daily Mean Discharge: 259.85 ft³/sec

Was this sample taken during or following a wet weather event? YES/NO YES

Water Quality Meters Used: HACH 120227-5018 Exo 1 C

Time (hrs): 11:28 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

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): 508.9 Sp. Cond. (µmhos/cm): 548
Dissolved Oxygen (mg/L): 8.64 D.O. (%): 97.4
Temperature (°C): 21.10 pH (s.u.): 8.00
Turbidity 1 (NTU): 17.2 ^{5x Dil} Turbidity 2 (NTU): 16.7 ^{5x Dil} Average (NTU): 85 ⁸⁵ NTU

General Comments: _____

Sample ID:

R-1506150003
Euclid Creek River Mile 1.65
Sample Date: 6/16/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

Time (hrs): 12:00 River Mile (Site): Rm 1.65

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): 483.9 Sp. Cond. (µmhos/cm): 521.2
Dissolved Oxygen (mg/L): 8.52 D.O. (%): 96.1
Temperature (°C): 21.25 pH (s.u.): 8.00
Turbidity 1 (NTU): 30.6 ^{2x Dil} Turbidity 2 (NTU): 30.2 ^{2x Dil} Average (NTU): 66.8

General Comments: Good conditions. No smells, odors

AE 1506/1516

NEORS Surface Water Condition Sampling Field Data Form

Stream: Mill Date: 6-16-15 Collectors: Zabolny, Emborsky

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 C

R-1506150006 River Mile 0.12 Mill Creek Sample Date: 6/16/2015 None-A HNO3-B H2SO4-C Na2S2O3-E

Time (hrs): 950 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): 521.8 Sp. Cond. (µmhos/cm): 563.9

Dissolved Oxygen (mg/L): 8.06 D.O. (%): 90.9

Temperature (°C): 21.0 pH (s.u.): 7.88

Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 138.3

General Comments: Flood conditions - no streams, 0001

R-1506150010 River Mile 8.30 Mill Creek Sample Date: 6/16/2015 None-A HNO3-B H2SO4-C Na2S2O3-E

Time (hrs): 10.50 River Mile (Site): RM 8.30

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): 477.1 Sp. Cond. (µmhos/cm): 520.5

Dissolved Oxygen (mg/L): 8.00 D.O. (%): 93%

Temperature (°C): 20.7 pH (s.u.): 8.01

Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 8.9

General Comments:

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Mill Creek Date: 6/23/15 Collectors: Saehlen/Maichle

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: YSI EXO1 "C"

Time (hrs): 9:30 River Mile (Site): 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: _____

Color: Clear Muddy Tea Milky Other: _____

Odor: Normal Petroleum Anaerobic Sewage Chemical Other: _____

Surface Coating: None Foam Oily Scum Other: Woody Debris

Field Parameters: Conductivity (µmhos/cm): 306.4 Sp. Cond. (µmhos/cm): 533.9

Dissolved Oxygen (mg/L): 9.27 D.O. (%): 95.0

Temperature (°C): 16.062 pH (s.u.): 7.92

50x dilution
Turbidity 1 (NTU): 8.60 Turbidity 2 (NTU): 8.92 Average (NTU): 8.76 x 50 = 438

General Comments: Sample taken from bridge w/ sample pole - 1/2 lb 4' reinforced w/ ISCO BFP - DE part of 250 ml clean pH.

Time (hrs): 057 River Mile (Site): 0.70

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: _____

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): 309.2 Sp. Cond. (µmhos/cm): 328.6

Dissolved Oxygen (mg/L): 8.50 D.O. (%): 95.5

Temperature (°C): 20.974 pH (s.u.): 7.88

20x dilution
Turbidity 1 (NTU): 20.5 Turbidity 2 (NTU): 19.5 Average (NTU): 20.2 x 20 = 404

General Comments: Field Blank FB-002 collected at 09:05 site elevated taken from River Right

FB-1506220002

Field Blank Field Blank

Sample Date: 6/23/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

FB Turbidity - 1: 0.09 2: 0.12
Ave: 0.11
Modified January 28, 2015

K-1500ZZUUU4 River Mile 0.12
 Sample Date: 6/23/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E
 Sample ID:

K-1500ZZUUU5 River Mile 0.70
 Sample Date: 6/23/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E
 Sample ID:

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Mill Creek Date: 6/23/15 Collectors: Szechenyi/Maichle

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: YSE EX01 "C"

Time (hrs): 10:04 River Mile (Site): 2.75

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): 249.9 Sp. Cond. (µmhos/cm): 269.1

Dissolved Oxygen (mg/L): 8.84 D.O. (%): 99.9

Temperature (°C): 21.375 pH (s.u.): 8.06

50x dilution
Turbidity 1 (NTU): 10.9 Turbidity 2 (NTU): 12.1 Average (NTU): 11.5 x 5 = 57.5

General Comments: Site elevated taken from River left

Time (hrs): 10:44 River Mile (Site): 8.30

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 D.O. (%): 93.1

Temperature (°C): 20.964 pH (s.u.): 7.97

5x dilution
Turbidity 1 (NTU): 31.0 Turbidity 2 (NTU): 31.9 Average (NTU): 31.5 x 5 = 158

General Comments: _____

R-1506220006

Mill Creek River Mile 2.75

Sample Date: 6/23/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID:

R-1506220007

Mill Creek River Mile 8.30

Sample Date: 6/23/2015

None-A HNO3-B H2SO4-C Na2S2O3-E

Sa

R-1506290008

Mill Creek River Mile 0.12

Sample Date: 6/30/2016

None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS Surface Water Condition Sampling Field Data Form

Stream: Mill Creek Date: 10/30/15 Collectors: M. Matteson / K. Amidon

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: EXO1 "C" HACH 120227-5008

Time (hrs): 0850 River Mile (Site): 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 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): 1142 Temperature (°C): 110.884

Dissolved Oxygen (mg/L): 7.11 pH (s.u.): 7.07

Turbidity (NTU): 15.9

General Comments: Duplicate. Turb = 15.3

SD Cond = 13101.9 DO% = 73.8
Debris / 81 µm/l

Time (hrs): 0914 River Mile (Site): 0.70

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 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): 1103.4 Temperature (°C): 17.463

Dissolved Oxygen (mg/L): 8.61 pH (s.u.): 7.98

Turbidity (NTU): 14.6

General Comments: SD Cond = 1183.9 DO% = 90.3

R-1506290004

Mill Creek River Mile 0.12

Sample Date: 6/30/2016

None-A HNO3-B H2SO4-C Na2S2O3-E

R-1506290005

Mill Creek River Mile 0.70

Sample Date: 6/30/2016

None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS Surface Water Condition Sampling Field Data Form

Stream: Mill Creek Date: 6/30/15 Collectors: M. Matteson / K. Amidon

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: FX01 "C" HACH 120227-5008

Time (hrs): 0942 River Mile (Site): 2.75

R-1506290006
 Mill Creek
 River Mile 2.75
 Sample Date: 6/30/2015
 None-A HNO3-B H2SO4-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 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): 958.2 Temperature (°C): 17.391
 Dissolved Oxygen (mg/L): 9.22 pH (s.u.): 8.19
 Turbidity (NTU): 12.3
General Comments: sp. cond = 1121.1 DOI = 910.5

Time (hrs): 1021 River Mile (Site): 8.30

R-15062900007
 Mill Creek
 River Mile 8.30
 Sample Date: 6/30/2015
 None-A HNO3-B H2SO4-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 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: sulfur
Surface Coating: None Foam Oily Scum Other: _____
Field Parameters: Conductivity (µmhos/cm): 1179.2 Temperature (°C): 17.099
 Dissolved Oxygen (mg/L): 8.810 pH (s.u.): 8.15
 Turbidity (NTU): 12.5
General Comments: sp cond = 1370.3 DOI = 92.4

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Mill Creek Date: 7/7/15 Collectors: Friedman/Soehnlen

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 "C"

Time (hrs): 0915 River Mile (Site): Mill Creek 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: Not installed

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): 1480.4

Dissolved Oxygen (mg/L): 7.67 D.O. (%): 85.3

Temperature (°C): 20.301 pH (s.u.): 7.65

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 10.6

General Comments: bright orange off of tributary

Time (hrs): 0925 River Mile (Site): Mill Creek 0.70

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 inst.

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): 1356.2 Sp. Cond. (µmhos/cm): 1497.6

Dissolved Oxygen (mg/L): 9.11 D.O. (%): 100.6

Temperature (°C): 20.0 pH (s.u.): 7.93

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 2.55

General Comments: _____

Orange Trib: Cond: 2002.7 pH: 6.85 Sp Cond: ~~2038~~ 2301.8 DO: 2.21 DO%: 23.0 Temp: _____

R-1507060009 River Mile 0.12
Mill Creek
Sample Date: 7/7/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

R-1507060010 River Mile 0.70
Mill Creek
Sample Date: 7/7/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

Stream: Mill Creek Date: 7/7/15 Collectors: Soehnlen/Friedman

Gage Station and ID: _____ Daily Mean Discharge: _____ ft³/sec

Was this sample taken during or following a wet weather event? YES/NO (NO)

Water Quality Meters Used: EXO "C"

Time (hrs): 1005 hrs River Mile (Site): RM 2.75

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): 1735.5 Sp. Cond. (µmhos/cm): 1346.7

Dissolved Oxygen (mg/L): 8.92 D.O. (%): 99.8

Temperature (°C): 20.674 pH (s.u.): 8.31

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 2.31

General Comments: Dup: 2.11

Time (hrs): 1032 River Mile (Site): 8.30

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: 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 D.O. (%): 103.0

Temperature (°C): 20.840 pH (s.u.): 8.26

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 1.53

General Comments: _____

R-1507060011
R-1507060013
Mill Creek
River Mile 2.75
Sample Date: 7/7/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

R-1507060012
Mill Creek
River Mile 8.30
Sample Date: 7/7/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS Surface Water Condition Sampling Field Data Form

Stream: Mill Creek Date: 7/14/15 Collectors: M. Matteson / K. Amidon

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 111D HACH 120227-SOLO8

Time (hrs): 0900 River Mile (Site): 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: 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): 20.102 pH (s.u.): 7.73

Turbidity 1 (NTU): 7.97 Turbidity 2 (NTU): 7.29 Average (NTU): 7.103

General Comments: _____

Time (hrs): 0915 River Mile (Site): RM 0.70

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: N/A

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): 933.7 Sp. Cond. (µmhos/cm): 1028.3

Dissolved Oxygen (mg/L): 8.48 D.O. (%): 93.8

Temperature (°C): 20.187 pH (s.u.): 7.98

Turbidity 1 (NTU): 5.81 Turbidity 2 (NTU): 10.77 Average (NTU): 10.04

General Comments: _____

R-1507130008
 Mill Creek River Mile 0.12
 Sample Date: 7/14/2015
 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

NEORS Surface Water Condition Sampling Field Data Form

Stream: Mill Creek Date: 7/14/15 Collectors: M. Mattson / K. Amidon

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: EVO1 "D" HAUT 120727-5068

Time (hrs): 0957 River Mile (Site): RM 2.75

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: N/A

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): 843.6 Sp. Cond. (μmhos/cm): 932.1

Dissolved Oxygen (mg/L): 8.71 D.O. (%): 96.1

Temperature (°C): 20.027 pH (s.u.): 8.24

Turbidity 1 (NTU): 6.79 Turbidity 2 (NTU): 7.20 Average (NTU): 7.00

General Comments: _____

R-1507130010
 Mill Creek River Mile 2.75
 Sample Date: 7/14/2015
 None-A HNO3-B H2SO4-C Na2S2O3-F

Time (hrs): 10:34 River Mile (Site): RM 8.30

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: Sulfur

Surface Coating: None Foam Oily Scum Other: _____

Field Parameters: Conductivity (μmhos/cm): 1153.4 Sp. Cond. (μmhos/cm): 1270.8

Dissolved Oxygen (mg/L): 8.65 D.O. (%): 95.8

Temperature (°C): 20.162 pH (s.u.): 8.28

Turbidity 1 (NTU): 7.92 Turbidity 2 (NTU): 7.65 Average (NTU): 7.79

General Comments: _____

R-1507130011
 Mill Creek River Mile 8.30
 Sample Date: 7/14/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E

R-1507140013

West Creek River mile 0.20

Sample Date: 7/15/2016 10:18:00 AM

None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

Stream: West Creek Date: 7/15/15 Collectors: Prom M. / Denise P. / Bryanna B.

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: YSI EXO1 "C"

Time (hrs): 9:05am River Mile (Site): West Creek 0.20

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: N/A

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): 910.1 Sp. Cond. (µmhos/cm): 1004.2

Dissolved Oxygen (mg/L): 7.90 D.O. (%): 87.3

Temperature (°C): 20.117 pH (s.u.): 7.81

Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 6.73

General Comments: Turb: Dup: 9.12

R-1507140007

West Creek River Mile 0.20

Sample Date: 7/15/2016 10:18:00 AM

None-A HNO3-B H2SO4-C Na2S2O3-E

Time (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): 720.2 Sp. Cond. (µmhos/cm): 798.6

Dissolved Oxygen (mg/L): 8.82 D.O. (%): 97.0

Temperature (°C): 19.874 pH (s.u.): 8.22

Turbidity 1 (NTU): Turbidity 2 (NTU): Average (NTU): 5.96

General Comments:

R-1507140008

West Creek River Mile 1.60

Sample Date: 7/15/2016 10:18:00 AM

None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS Surface Water Condition Sampling Field Data Form

Stream: West Creek Date: 7/15/15 Collectors: R. Marchle, D. Phillips, R. Bogan

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: YSI EXO1 "C"

Time (hrs): 9:43 River Mile (Site): 2.10

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: Missing

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): 605.4 Sp. Cond. (µmhos/cm): 671.4

Dissolved Oxygen (mg/L): 8.70 D.O. (%): 95.6

Temperature (°C): 19.850 pH (s.u.): 8.13

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 6.50

General Comments: _____

R-1507140009 River Mile 2.10
West Creek
Sample Date: 7/15/2015 10:18:00 AM
None-A HNO3-B H2SO4-C Na2S2O3-E

Time (hrs): 1010 River Mile (Site): downstream trib 2.00

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: N/A

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): 1087.2 Sp. Cond. (µmhos/cm): 1215.1

Dissolved Oxygen (mg/L): 8.23 D.O. (%): 90.0

Temperature (°C): 19.491 pH (s.u.): 7.95

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 3.38

General Comments: TDS = 790 mg/L
Sonde Turb = 2.00 2.97 FUL

R-1507140012 River Mile 0.20
West Creek
Sample Date: 7/15/2015 10:18:00 AM
None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS Surface Water Condition Sampling Field Data Form

Stream: _____ Date: _____ Collectors: Friedman/Schiel

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 "C"

Time (hrs): 0910 River Mile (Site): RM 0.20 West 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 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): 945.0 Sp. Cond. (µmhos/cm): 1064.8

Dissolved Oxygen (mg/L): 8.18 D.O. (%): 88.6

Temperature (°C): 19.075 pH (s.u.): 8.04

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 16.8

General Comments: _____

Time (hrs): 0925 River Mile (Site): West Creek RM 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): 778.0 Sp. Cond. (µmhos/cm): 878.0

Dissolved Oxygen (mg/L): 9.15 D.O. (%): 99.0

Temperature (°C): 19.04 pH (s.u.): 8.21

Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 9.82

General Comments: _____

R-1507070006 River Mile 0.20
 West Creek
 Sample Date: 7/8/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E
 Sample ID

R-1507070001 River Mile 1.60
 West Creek
 Sample Date: 7/8/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E
 Sample ID

NEORSD Surface Water Condition Sampling Field Data Form

R-1507070008

West Creek River Mile 2.10

Sample Date: 7/8/2016

None-A HNO3-B H2SO4-C Na2S2O3-E

Sarr

Stream: _____ Date: _____ Collectors: Friedman/Schiel
 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 C

Time (hrs): 0945 River Mile (Site): RM 2.10
 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: _____
 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): 667.4 Sp. Cond. (µmhos/cm): 757.8
 Dissolved Oxygen (mg/L): 8.73 D.O. (%): 893.8
 Temperature (°C): 18.749 pH (s.u.): 8.08
 Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 8.93
 General Comments: _____

Time (hrs): 1005 hrs River Mile (Site): RM 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): 649.6 Sp. Cond. (µmhos/cm): 734.0
 Dissolved Oxygen (mg/L): 9.12 D.O. (%): 98.5
 Temperature (°C): 18.975 pH (s.u.): 8.10
 Turbidity 1 (NTU): _____ Turbidity 2 (NTU): _____ Average (NTU): 7.92
 General Comments: _____

west Creek River Mile 3.65

Sample Date: 7/8/2016

None-A HNO3-B H2SO4-C Na2S2O3-E

NEORS Surface Water Condition Sampling Field Data Form

Stream: _____ Date: 7/1/15 Collectors: D. Friedman / Phillips

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 'A'

Time (hrs): 10:20am River Mile (Site): West RM 0.20

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): 608 Temperature (°C): 18.32

Dissolved Oxygen (mg/L): 8.58 pH (s.u.): 7.91

Turbidity (NTU): 43.6

General Comments: sp. Cond 766

Sample ID:

R-1506300006
West Creek River Mile 0.20
Sample Date: 7/1/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

R-1506300008
West Creek River Mile 2.10
Sample Date: 7/1/2016
None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID:

Time (hrs): 1050 River Mile (Site): RM 2.1

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): 495 Temperature (°C): 18.29

Dissolved Oxygen (mg/L): 8.86 pH (s.u.): 8.06

Turbidity (NTU): 64.2

General Comments: % DO: 93.9 sp. Cond.: 568

Trail 1 31.4
Trail 2 32.7
Modified March 16, 2011

NEORSD Surface Water Condition Sampling Field Data Form

Stream: West Creek Date: 6/24/15 Collectors: M. Matteson / K. Amidon

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: 1000 XL "A" HACH 120277-S0108

Time (hrs): 0850 River Mile (Site): RM 0.20

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): 935 Sp. Cond. (µmhos/cm): 1069

Dissolved Oxygen (mg/L): 6.04* D.O. (%): 65.10*

Temperature (°C): 18.45 pH (s.u.): 8.00

Turbidity 1 (NTU): 28.0 Turbidity 2 (NTU): 27.3 Average (NTU): 28.0

General Comments: * DO meter not working correctly.

Time (hrs): 0920 River Mile (Site): RM 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): 808 Sp. Cond. (µmhos/cm): 905

Dissolved Oxygen (mg/L): 6.38* D.O. (%): 69.4*

Temperature (°C): 19.36 pH (s.u.): 8.14

Turbidity 1 (NTU): 13.7 Turbidity 2 (NTU): 15.1 Average (NTU): 14.4

General Comments: * DO meter not working correctly.

R-1506160002 River Mile 0.20
 West Creek Sample Date: 6/24/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E

R-1506160003 River Mile 1.60
 West Creek Sample Date: 6/24/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

Stream: West Creek Date: 6/24/15 Collectors: M. Matteson/K. Amidon

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: 1000XL "A" HACH 120227-5068

Time (hrs): 0920 River Mile (Site): Field Blank @ RM 1.00

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: _____

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): _____ Sp. Cond. (µmhos/cm): _____

Dissolved Oxygen (mg/L): _____ D.O. (%): _____

Temperature (°C): _____ pH (s.u.): _____

Turbidity 1 (NTU): 0.11 Turbidity 2 (NTU): 0.14 Average (NTU): 0.13

General Comments: _____

Time (hrs): 09510 River Mile (Site): RM 2.10

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: Missing

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): 688 Sp. Cond. (µmhos/cm): 777

Dissolved Oxygen (mg/L): 10.45 * D.O. (%): 109.7 *

Temperature (°C): 18.97 pH (s.u.): 8.04

Turbidity 1 (NTU): 12.2 Turbidity 2 (NTU): 13.1 Average (NTU): 12.7

General Comments: * DO on meter not working correctly.

FB-1506230001 Field Blank
 Sample Date: 6/24/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E

R-1506160004 River Mile 2.10
 Sample Date: 6/24/2015
 None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

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: Exo 600 XL "B"

Time (hrs): 9:25 River Mile (Site): 0.20

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 Other: _____

Field Parameters: Conductivity (µmhos/cm): 1245 1.081 mS/cm Sp. Cond. (µmhos/cm): 1245

Dissolved Oxygen (mg/L): 8.62 D.O. (%): 91.2

Temperature (°C): 17.88 pH (s.u.): 8.31

Turbidity 1 (NTU): 6.41 Turbidity 2 (NTU): 6.12 Average (NTU): 6.3

General Comments: _____

Time (hrs): 9:50 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): 0.889 mS/cm Sp. Cond. (µmhos/cm): 1031

Dissolved Oxygen (mg/L): 9.31 D.O. (%): 98.2

Temperature (°C): 17.83 pH (s.u.): 8.23

Turbidity 1 (NTU): 5.9 Turbidity 2 (NTU): 6.5 Average (NTU): 6.2

General Comments: _____

K-1506150019 West Creek River Mile 0.20 Sample Date: 6/17/2016 None-A HNO3-B H2SO4-C Na2S2O3-E

R-1506150020 West Creek River Mile 1.60 Sample Date: 6/17/2016 None-A HNO3-B H2SO4-C Na2S2O3-E

NEORSD Surface Water Condition Sampling Field Data Form

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: _____

Time (hrs): 1005 River Mile (Site): 2.1

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): 0.743 mS/cm Sp. Cond. (μmhos/cm): 860

Dissolved Oxygen (mg/L): 9.03 D.O. (%): 95.3

Temperature (°C): 17.83 pH (s.u.): 8.09

Turbidity 1 (NTU): 5.92 Turbidity 2 (NTU): 5.8 Average (NTU): 5.85

General Comments: _____

Time (hrs): 1025 River Mile (Site): 3.65

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): 0.747 mS/cm Sp. Cond. (μmhos/cm): 861

Dissolved Oxygen (mg/L): 9.06 D.O. (%): 96.0

Temperature (°C): 18.03 pH (s.u.): 8.07

Turbidity 1 (NTU): 8.8 Turbidity 2 (NTU): 9.3 Average (NTU): 9.1

General Comments: _____

R-15061500Z1 River Mile 2.10
West Creek
Sample Date: 6/17/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

West Creek River Mile 3.65
Sample Date: 6/17/2015
None-A HNO3-B H2SO4-C Na2S2O3-E

Sample ID:

Sample ID:

NEORSD Surface Water Condition Sampling Field Data Form

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: 600 XL "B"

Time (hrs): 10:55 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): 0.845 ns/cm Sp. Cond. (µmhos/cm): 977

Dissolved Oxygen (mg/L): 9.08 D.O. (%): 96.0

Temperature (°C): 17.90 pH (s.u.): 8.03

Turbidity 1 (NTU): 4.3 Turbidity 2 (NTU): 3.3 Average (NTU): 3.8

General Comments: _____

Time (hrs): 10:55 River Mile (Site): Field blank @ RM 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): 0.845 ns/cm Sp. Cond. (µmhos/cm): 977

Dissolved Oxygen (mg/L): 9.08 D.O. (%): 96.0

Temperature (°C): 17.90 pH (s.u.): 8.03

Turbidity 1 (NTU): 0.3 Turbidity 2 (NTU): 0.1 Average (NTU): 0.3

General Comments: _____

MM 6/17/15

R-1506150023 West Creek River Mile 5.30 Sample Date: 6/17/2016 None-A HNO3-B H2SO4-C Na2S2O3-E

FB-1506150001 Field Blank Sample Date: 6/17/2016 None-A HNO3-B H2SO4-C Na2S2O3-E

Dry Weather Overflow and Upset Reports

First Half of 2016

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Greg Mitchell

Date: 3/24/2016

**Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)**



Initial Advisory



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: NEORS D

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

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Greg Mitchell

Date: 3/29/2016

**Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)**



Initial Advisory



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



4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Greg Mitchell

Date: 3/29/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

Initial Advisory

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: NEORS D

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

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Greg Mitchell

Date: 3/30/2016

**Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)**

Initial Advisory

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: NEORS D

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



4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Curtis Brown

Date: 4/21/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

Initial Advisory

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: NEORS D

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



4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Greg Mitchell

Date: 5/4/2016

Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)

Initial Advisory

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: NEORS D

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

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapor

Date: 5/9/2016

**Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)**



Initial Advisory



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

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Greg Mitchell

Date: 6/15/2016

**Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)**



Initial Advisory



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

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Greg Mitchell

Date: 5/5/2016

**Northeast Ohio Regional Sewer District
Dry Weather Overflow Notification
Upset Condition Pursuant to Section 40 CFR 122.41(n)**



Initial Advisory



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: NEORS D

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

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Curtis Brown

Date: 1/7/2016

******REVISED COPY******

**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 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 existing 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.

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. This discharge, however, is considered an upset pursuant to 40 CFR part 122.41(n).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Lyle Plummer

Date: 1/20/2016

**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 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 existing 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).

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Curtis Brown

Date: 2/5/2016

**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 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: NEORS

Contact Person: Thomas Kral, Walsh Construction (313) 475-3989

Additional Information: 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).

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. This discharge, however, is considered an upset pursuant to 40 CFR part 122.41(n).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 4/18/2016

****REVISED COPY****

**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:** 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. This discharge, however, is considered an upset pursuant to 40 CFR part 122.41(n).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 4/5/2016

****REVISED COPY****

**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:** 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. This discharge, however, is considered an upset pursuant to 40 CFR part 122.41(n).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Brian Stapleton

Date: 1/6/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Brian Stapleton

Date: 1/20/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Brian Stapleton

Date: 1/28/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Brian Stapleton

Date: 2/9/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 2/15/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 2/20/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 2/25/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 3/1/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into the storm sewer.

Community with Maintenance Responsibility: Cleveland

Contact Person: Elie Ramy WPC (216) 664-2750

Additional Information: Small amounts of sanitary flow intermittently discharging into CSO-050 from an upstream storm sewer. Cleveland WPC is working on a temporary diversion until the cause can be determined.

Date Corrected: **Time Corrected:**

Duration Of Discharge:

Work Order Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapor

Date: 3/6/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into the storm sewer.

Community with Maintenance Responsibility: Cleveland

Contact Person: Elie Ramy WPC (216) 664-2750

Additional Information: Small amounts of sanitary flow intermittently discharging into CSO-050 from an upstream storm sewer. Cleveland WPC is working on a temporary diversion until the cause can be determined.

Date Corrected: **Time Corrected:**

Duration Of Discharge:

Work Order Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 3/11/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into the storm sewer.

Community with Maintenance Responsibility: Cleveland

Contact Person: Elie Ramy WPC (216) 664-2750

Additional Information: Small amounts of sanitary flow intermittently discharging into CSO-050 from an upstream storm sewer. Cleveland WPC is working on a temporary diversion until the cause can be determined.

Date Corrected: **Time Corrected:**

Duration Of Discharge:

Work Order Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 3/16/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 3/21/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 3/26/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 3/31/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1519601-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 4/15/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 4/20/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapor

Date: 4/25/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 4/30/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 5/10/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 5/15/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 5/20/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapor

Date: 5/25/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 5/30/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 6/4/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 6/9/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 6/14/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 6/19/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 6/24/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

 **Northeast Ohio
Regional Sewer District**

4747 East 49th Street
Phone: 216-641-6000 Fax: 216-641-5120

To: Erm Gomes
Ohio EPA

From: Michael J. Zapior

Date: 6/29/2016

**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 Henninger Rd. West of Pearl

Date Found: 7/28/2015 **Time Found:** 12:00 PM **CSO:** CSO-050

Receiving Water: Big Creek

Approximate Discharge (Gallons): Less than 10 GPM

Description of Problem: Possible sanitary cross connection into storm sewer

Community with Maintenance Responsibility: Cleveland

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 Number: 1610879-01

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).

Easterly WWTP eDMR Reports

Outfall 002: Wet weather overflow/bypass to Lake Erie

Outfall 003: Settled bypass spillway off primary tanks

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 557454
FACILITY: NE Ohio Regional S D Easterly STP
LOCATION: 14021 Lakeshore Blvd
 Cleveland, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PF00001*LD
STATION CODE: 003
MONITORING PERIOD : 2016-01-01 To: 2016-01-31
REPORTING LAB: 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		
2016-01-01	AC	AC	AC	AC	AC		
2016-01-02	AC	AC	AC	AC	AC		
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	98	61	1	2.3	8.5		
Count	1	1	1	1	1		
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Robert Bonnett						2016-02-15 12:02	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	557454	STATUS:	Original
FACILITY:	NE Ohio Regional S D Easterly STP	PERMIT NUMBER:	3PF00001*LD
LOCATION:	14021 Lakeshore Blvd Cleveland, OH 44115	STATION CODE:	002
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-01-01 To: 2016-01-31
DISTRICT:	NEDO	REPORTING LAB:	NEORS Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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	
2016-01-01						
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 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.			Signature of Responsible Official or Authorized Representative	Submission Date/Time	
Robert Bonnett					2016-02-15 12:02	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 564938
FACILITY: NE Ohio Regional S D Easterly STP
LOCATION: 14021 Lakeshore Blvd
 Cleveland, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PF00001*LD
STATION CODE: 003
MONITORING PERIOD : 2016-02-01 To: 2016-02-29
REPORTING LAB: 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		
2016-02-01	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	136.0	40.0	1.0	15.15	47.5		
Average	136	40	1	15.15	47.5		
Count	1	1	1	1	1		
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Robert Bonnett							2016-03-15 15:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	564938	STATUS:	Original
FACILITY:	NE Ohio Regional S D Easterly STP	PERMIT NUMBER:	3PF00001*LD
LOCATION:	14021 Lakeshore Blvd Cleveland, OH 44115	STATION CODE:	002
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-02-01 To: 2016-02-29
DISTRICT:	NEDO	REPORTING LAB:	NEORS 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	144	85.5	0.5	55.11375	7.60625		
Count	8	8	8	8	8		
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Robert Bonnett						2016-03-15 15:03	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 572098
FACILITY: NE Ohio Regional S D Easterly STP
LOCATION: 14021 Lakeshore Blvd
 Cleveland, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PF00001*LD
STATION CODE: 003
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: NEORSD Analytical Services
 Mark Citriglia Manager of
 Analytical Services
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	8	8	8	8	8		

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.	Signature of Responsible Official or Authorized Representative		Submission Date/Time
				2016-04-15 15:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	572098	STATUS:	Original
FACILITY:	NE Ohio Regional S D Easterly STP	PERMIT NUMBER:	3PF00001*LD
LOCATION:	14021 Lakeshore Blvd Cleveland, OH 44115	STATION CODE:	002
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-03-01 To: 2016-03-31
DISTRICT:	NEDO	REPORTING LAB:	NEORS 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	
2016-03-01	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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Robert Bonnett			2016-04-15 15:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579401
FACILITY: NE Ohio Regional S D Easterly STP
LOCATION: 14021 Lakeshore Blvd
 Cleveland, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PF00001*LD
STATION CODE: 003
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB: 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	59.22222	38	0.55556	14.76889	36.3		
Count	9	9	9	9	9		
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Robert Bonnett						2016-05-17 13:05	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 579401
FACILITY: NE Ohio Regional S D Easterly STP
LOCATION: 14021 Lakeshore Blvd
 Cleveland, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PF00001*LD
STATION CODE: 002
MONITORING PERIOD : 2016-04-01 To: 2016-04-30
REPORTING LAB: 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		
2016-04-01	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	423	46	1	132.27	20.51		
2016-04-08	120	82	0	11.52	4.87		
2016-04-09	92	49	0	13.01	5.73		
2016-04-10	AC	AC	AC	AC	AC		
2016-04-11	54	16	1	128.73	19.94		
2016-04-12	40	29	0	1.27	1.00		
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	68	6	1	19.41	2.65		
2016-04-27	AC	AC	AC	AC	AC		
2016-04-28	AC	AC	AC	AC	AC		
2016-04-29	AC	AC	AC	AC	AC		
2016-04-30	356	76	1	24.84	2.67		
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		
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Robert Bonnett						2016-05-17 13:05	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 587375
FACILITY: NE Ohio Regional S D Easterly STP
LOCATION: 14021 Lakeshore Blvd
 Cleveland, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PF00001*LD
STATION CODE: 003
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: 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	AH	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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Robert Bonnett						2016-06-20 10:06	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 587375
FACILITY: NE Ohio Regional S D Easterly STP
LOCATION: 14021 Lakeshore Blvd
 Cleveland, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PF00001*LD
STATION CODE: 002
MONITORING PERIOD : 2016-05-01 To: 2016-05-31
REPORTING LAB: 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	AH	88	18	0	38.44	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	AH	1	0.96	0.25	
2016-05-13	AE	278	92	0	78.70	7.25	
2016-05-14	AH	AH	AH	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	342857.0	70.0	18.0	0.0	0.01	0.05	
Maximum	440000.0	460.0	194.0	1.0	135.57	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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
			2016-06-20 10:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY: NE Ohio Regional S D Easterly STP
LOCATION: 14021 Lakeshore Blvd
 Cleveland, OH 44115

PERMIT NUMBER: *3PF00001*LD*
MONITORING PERIOD : 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 QC WAS NOT FOLLOWED
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
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

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	592989	STATUS:	Original
FACILITY:	NE Ohio Regional S D Easterly STP	PERMIT NUMBER:	3PF00001*LD
LOCATION:	14021 Lakeshore Blvd Cleveland, OH 44115	STATION CODE:	003
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-06-01 To: 2016-06-30
DISTRICT:	NEDO	REPORTING LAB:	NEORS Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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	
2016-06-01							
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Robert Bonnett						2016-07-14 09:07	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 592989
FACILITY: NE Ohio Regional S D Easterly STP
LOCATION: 14021 Lakeshore Blvd
 Cleveland, OH 44115
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PF00001*LD
STATION CODE: 002
MONITORING PERIOD : 2016-06-01 To: 2016-06-30
REPORTING LAB: NEORS 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	
2016-06-01	AC	AC	AC	AC	AC	AC	
2016-06-02	AC	AC	AC	AC	AC	AC	
2016-06-03	AC	AC	AC	AC	AC	AC	
2016-06-04	AC	AC	AC	AC	AC	AC	
2016-06-05	AH	43	11	1	23.93	4.32	
2016-06-06	AC	AC	AC	AC	AC	AC	
2016-06-07	AC	AC	AC	AC	AC	AC	
2016-06-08	AC	AC	AC	AC	AC	AC	
2016-06-09	AC	AC	AC	AC	AC	AC	
2016-06-10	AC	AC	AC	AC	AC	AC	
2016-06-11	AC	AC	AC	AC	AC	AC	
2016-06-12	AC	AC	AC	AC	AC	AC	
2016-06-13	AC	AC	AC	AC	AC	AC	
2016-06-14	AC	AC	AC	AC	AC	AC	
2016-06-15	AC	AC	AC	AC	AC	AC	
2016-06-16	AC	AC	AC	AC	AC	AC	
2016-06-17	AC	AC	AC	AC	AC	AC	
2016-06-18	AC	AC	AC	AC	AC	AC	
2016-06-19	AC	AC	AC	AC	AC	AC	
2016-06-20	AC	AC	AC	AC	AC	AC	
2016-06-21	AC	AC	AC	AC	AC	AC	
2016-06-22	AC	AC	AC	AC	AC	AC	
2016-06-23	AC	AC	AC	AC	AC	AC	
2016-06-24	AC	AC	AC	AC	AC	AC	
2016-06-25	AC	AC	AC	AC	AC	AC	
2016-06-26	AC	AC	AC	AC	AC	AC	
2016-06-27	AC	AC	AC	AC	AC	AC	
2016-06-28	AC	AC	AC	AC	AC	AC	
2016-06-29	AC	AC	AC	AC	AC	AC	
2016-06-30	AC	AC	AC	AC	AC	AC	
Minimum		43.0	11.0	1.0	23.93	4.32	
Maximum		43.0	11.0	1.0	23.93	4.32	
Average		43	11	1	23.93	4.32	
Count		1	1	1	1	1	
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.			Signature of Responsible Official or Authorized Representative			Submission Date/Time
Robert Bonnett							2016-07-14 09:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY: NE Ohio Regional S D Easterly STP
LOCATION: 14021 Lakeshore Blvd
 Cleveland, OH 44115

PERMIT NUMBER: *3PF00001*LD*
MONITORING PERIOD : 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



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: cdo24hournpdes@epa.ohio.gov
 Central Office: co24hournpdes@epa.ohio.gov

On a case-by-case basis it may be determined an environmental emergency exists. Report environmental emergencies within thirty (30) minutes of discovery to Ohio EPA 24-hours a day, 365 days a year at 800-282-9378!

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	
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 discharge:	None at this time
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: cdo24hournpdes@epa.ohio.gov
 Central Office: co24hournpdes@epa.ohio.gov

On a case-by-case basis it may be determined an environmental emergency exists. Report environmental emergencies within thirty (30) minutes of discovery to Ohio EPA 24-hours a day, 365 days a year at 800-282-9378!

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 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 discharge:	None at this time
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: cdo24hournpdes@epa.ohio.gov
 Central Office: co24hournpdes@epa.ohio.gov

On a case-by-case basis it may be determined an environmental emergency exists. Report environmental emergencies within thirty (30) minutes of discovery to Ohio EPA 24-hours a day, 365 days a year at 800-282-9378!

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	
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 discharge:	None at this time
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: cdo24hournpdes@epa.ohio.gov
 Central Office: co24hournpdes@epa.ohio.gov

On a case-by-case basis it may be determined an environmental emergency exists. Report environmental emergencies within thirty (30) minutes of discovery to Ohio EPA 24-hours a day, 365 days a year at 800-282-9378!

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	
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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
 Bypasses and Upsets

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 Central District Office: cdo24hournpdes@epa.ohio.gov
 Central Office: co24hournpdes@epa.ohio.gov

On a case-by-case basis it may be determined an environmental emergency exists. Report environmental emergencies within thirty (30) minutes of discovery to Ohio EPA 24-hours a day, 365 days a year at 800-282-9378!

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	
Describe the circumstances that created the discharge:	Wet Weather
Contact person with knowledge of discharge (if different than above)	
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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
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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:	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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
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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:	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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
 Bypasses and Upsets

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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:	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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
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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:	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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
 Bypasses and Upsets

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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:	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 discharge (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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
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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:	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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
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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 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	
Describe the circumstances that created the discharge:	Wet Weather
Contact person with knowledge of discharge (if different than above)	
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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
Non-compliance Notification for
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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 8, 2016 (12:00 AM – 12:00 AM) ⁶⁶
Date and time discharge discovered:	Same as Above
Description of discharge	
Approximate amount of discharge:	35.60 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 discharge (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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



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 Non-compliance Notification for
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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 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 discharge (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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
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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 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 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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



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 Non-compliance Notification for
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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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
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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 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 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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
Non-compliance Notification for
Bypasses and Upsets

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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 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
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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
 Bypasses and Upsets

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 Southwest District Office: swdo24hournpdes@epa.ohio.gov
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 Northeast District Office: nedo24hournpdes@epa.ohio.gov
 Central District Office: cdo24hournpdes@epa.ohio.gov
 Central Office: co24hournpdes@epa.ohio.gov

On a case-by-case basis it may be determined an environmental emergency exists. Report environmental emergencies within thirty (30) minutes of discovery to Ohio EPA 24-hours a day, 365 days a year at 800-282-9378!

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	
Describe the circumstances that created the discharge:	Wet Weather
Contact person with knowledge of discharge (if different than above)	
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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
 Bypasses and Upsets

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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:	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	
Describe the circumstances that created the discharge:	Wet Weather
Contact person with knowledge of discharge (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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
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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:	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 discharge (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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
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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:	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	
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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
 Bypasses and Upsets

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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:	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	
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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
 Bypasses and Upsets

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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:	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	
Describe the circumstances that created the discharge:	Wet Weather
Contact person with knowledge of discharge (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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A



Division of Surface Water
 Non-compliance Notification for
 Bypasses and Upsets

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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:	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	
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 discharge:	None at this time
Person responsible for implementing remedial steps	
Name:	N/A
Telephone number:	N/A

Southerly WWTP eDMR Reports

Outfall 002: Bypass after primary settling tanks

Outfall 003: Emergency bypass after first-stage settling

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	557605	STATUS:	Original
FACILITY:	Southerly Wastewater Trtmt Ctr, NEORS	PERMIT NUMBER:	3PF00002*MD
LOCATION:	6000 Canal Road	STATION CODE:	002
COUNTY:	Cuyahoga Heights, OH 44124	MONITORING PERIOD :	2016-01-01 To: 2016-01-31
DISTRICT:	NEDO	REPORTING LAB:	NEORS Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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		
2016-01-01							
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Terry Robinson						2016-02-15 16:02	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	557605	STATUS:	Original
FACILITY:	Southerly Wastewater Trtmt Ctr, NEORS	PERMIT NUMBER:	3PF00002*MD
LOCATION:	6000 Canal Road	STATION CODE:	003
COUNTY:	Cuyahoga Heights, OH 44124	MONITORING PERIOD :	2016-01-01 To: 2016-01-31
DISTRICT:	NEDO	REPORTING LAB:	NEORS Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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.	1/Month		
SAMPLING TYPE	Grab	Grab	Grab	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							
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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Terry Robinson						2016-02-15 16:02	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	565293	STATUS:	Original
FACILITY:	Southerly Wastewater Trtmt Ctr, NEORS	PERMIT NUMBER:	3PF00002*MD
LOCATION:	6000 Canal Road	STATION CODE:	002
COUNTY:	Cuyahoga Heights, OH 44124	MONITORING PERIOD :	2016-02-01 To: 2016-02-29
DISTRICT:	NEDO	REPORTING LAB:	NEORS 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		
2016-02-01	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	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	117	30	1	7.34	49.15		
Count	1	1	2	2	2		
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Terry Robinson						2016-03-16 16:03	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	565293	STATUS:	Original
FACILITY:	Southerly Wastewater Trtmt Ctr, NEORS	PERMIT NUMBER:	3PF00002*MD
LOCATION:	6000 Canal Road	STATION CODE:	003
COUNTY:	Cuyahoga Heights, OH 44124	MONITORING PERIOD :	2016-02-01 To: 2016-02-29
DISTRICT:	NEDO	REPORTING LAB:	NEORS Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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.	1/Month		
SAMPLING TYPE	Grab	Grab	Grab	24hr 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							
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Terry Robinson						2016-03-16 16:03	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY: Southerly Wastewater Trtmt Ctr, NEORS **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.

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 572132
FACILITY: Southerly Wastewater Trtmt Ctr,
 NEORS
LOCATION: 6000 Canal Road
 Cuyahoga Heights, OH 44124
COUNTY: Cuyahoga
DISTRICT: NEDO

STATUS: Original
PERMIT NUMBER: 3PF00002*MD
STATION CODE: 002
MONITORING PERIOD : 2016-03-01 To: 2016-03-31
REPORTING LAB: NEORS 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	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	AH	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	35.0	19.0	0.0	1.25	3.5		
Maximum	165.0	31.0	1.0	6.55	37.8		
Average	95.33333	23	0.5	3.305	16.275		
Count	3	3	4	4	4		
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.				Signature of Responsible Official or Authorized Representative		Submission Date/Time
Terry Robinson							2016-04-15 16:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	572132	STATUS:	Original
FACILITY:	Southerly Wastewater Trtmt Ctr, NEORS	PERMIT NUMBER:	3PF00002*MD
LOCATION:	6000 Canal Road	STATION CODE:	003
COUNTY:	Cuyahoga Heights, OH 44124	MONITORING PERIOD :	2016-03-01 To: 2016-03-31
DISTRICT:	NEDO	REPORTING LAB:	NEORS Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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.	1/Month		
SAMPLING TYPE	Grab	Grab	Grab	24hr 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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Terry Robinson						2016-04-15 16:04	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY: Southerly Wastewater Trtmnt Ctr, NEORSD **PERMIT NUMBER:** *3PF00002*MD*
LOCATION: 6000 Canal Road **MONITORING 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:

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

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	580739	STATUS:	Original
FACILITY:	Southerly Wastewater Trtmt Ctr, NEORS	PERMIT NUMBER:	3PF00002*ND
LOCATION:	6000 Canal Road	STATION CODE:	002
COUNTY:	Cuyahoga Heights, OH 44124	MONITORING PERIOD :	2016-04-01 To: 2016-04-30
DISTRICT:	NEDO	REPORTING LAB:	NEORS Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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							
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 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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Terry Robinson			2016-05-20 14:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	580739	STATUS:	Original
FACILITY:	Southerly Wastewater Trtmt Ctr, NEORS	PERMIT NUMBER:	3PF00002*ND
LOCATION:	6000 Canal Road	STATION CODE:	003
COUNTY:	Cuyahoga Heights, OH 44124	MONITORING PERIOD :	2016-04-01 To: 2016-04-30
DISTRICT:	NEDO	REPORTING LAB:	NEORS Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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.	1/Month		
SAMPLING TYPE	Grab	Grab	Grab	24hr 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 Official or Authorized Representative Terry Robinson	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
				2016-05-20 14:05

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	586459	STATUS:	Original
FACILITY:	Southerly Wastewater Trtmt Ctr, NEORS	PERMIT NUMBER:	3PF00002*ND
LOCATION:	6000 Canal Road	STATION CODE:	002
COUNTY:	Cuyahoga Heights, OH 44124	MONITORING PERIOD :	2016-05-01 To: 2016-05-31
DISTRICT:	NEDO	REPORTING LAB:	NEORS 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		
2016-05-01	AC	AC	AC	AC	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	76.0	12.0	1.0	6.15	32.3		
Maximum	76.0	12.0	1.0	6.15	32.3		
Average	76	12	1	6.15	32.3		
Count	1	1	1	1	1		
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Terry Robinson						2016-06-16 15:06	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	586459	STATUS:	Original
FACILITY:	Southerly Wastewater Trtmt Ctr, NEORS	PERMIT NUMBER:	3PF00002*ND
LOCATION:	6000 Canal Road	STATION CODE:	003
COUNTY:	Cuyahoga Heights, OH 44124	MONITORING PERIOD :	2016-05-01 To: 2016-05-31
DISTRICT:	NEDO	REPORTING LAB:	NEORS Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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.	1/Month		
SAMPLING TYPE	Grab	Grab	Grab	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							
2016-05-29							
2016-05-30							
2016-05-31							
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Terry Robinson						2016-06-16 15:06	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	592905	STATUS:	Original
FACILITY:	Southerly Wastewater Trtmt Ctr, NEORS	PERMIT NUMBER:	3PF00002*ND
LOCATION:	6000 Canal Road	STATION CODE:	002
COUNTY:	Cuyahoga Heights, OH 44124	MONITORING PERIOD :	2016-06-01 To: 2016-06-30
DISTRICT:	NEDO	REPORTING LAB:	NEORS Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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		
2016-06-01							
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 Official or Authorized Representative Terry Robinson	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
			2016-07-13 16:07

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	592905	STATUS:	Original
FACILITY:	Southerly Wastewater Trtmt Ctr, NEORS	PERMIT NUMBER:	3PF00002*ND
LOCATION:	6000 Canal Road	STATION CODE:	003
COUNTY:	Cuyahoga Heights, OH 44124	MONITORING PERIOD :	2016-06-01 To: 2016-06-30
DISTRICT:	NEDO	REPORTING LAB:	NEORS Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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.	1/Month		
SAMPLING TYPE	Grab	Grab	Grab	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 Official or Authorized Representative Terry Robinson	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
				2016-07-13 16:07



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: cdo24hournpdes@epa.ohio.gov
 Central Office: co24hournpdes@epa.ohio.gov

On a case-by-case basis it may be determined an environmental emergency exists. Report environmental emergencies within thirty (30) minutes of discovery to Ohio EPA 24-hours a day, 365 days a year at 800-282-9378!

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 affected by the discharge:	Cuyahoga River
Circumstances that created the discharge	
Describe the circumstances that created the discharge:	Unanticipated bypass
Contact person with knowledge of discharge (if different than above)	
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 remedial steps	
Name:	
Telephone number:	



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.state.oh.us
 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: cdo24hournpdes@epa.state.oh.us
 Central Office: co24hournpdes@epa.state.oh.us

On a case-by-case basis it may be determined an environmental emergency exists. Report environmental emergencies within thirty (30) minutes of discovery to Ohio EPA 24-hours a day, 365 days a year at 800-282-9378!

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 affected by the discharge:	Cuyahoga River
Circumstances that created the discharge	
Describe the circumstances that created the discharge:	Exceeded the plant's hydraulic capacity
Contact person with knowledge of discharge (if different than above)	
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 remedial steps	
Name:	
Telephone number:	



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.state.oh.us
- 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: cdo24hournpdes@epa.state.oh.us
- Central Office: co24hournpdes@epa.state.oh.us

On a case-by-case basis it may be determined an environmental emergency exists. Report environmental emergencies within thirty (30) minutes of discovery to Ohio EPA 24-hours a day, 365 days a year at 800-282-9378!

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 affected by the discharge:	Cuyahoga River
Circumstances that created the discharge	
Describe the circumstances that created the discharge:	Exceeded the plant's hydraulic capacity
Contact person with knowledge of discharge (if different than above)	
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 remedial steps	
Name:	
Telephone number:	



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.state.oh.us
 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: cdo24hournpdes@epa.state.oh.us
 Central Office: co24hournpdes@epa.state.oh.us

On a case-by-case basis it may be determined an environmental emergency exists. Report environmental emergencies within thirty (30) minutes of discovery to Ohio EPA 24-hours a day, 365 days a year at 800-282-9378!

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 affected by the discharge:	Cuyahoga River
Circumstances that created the discharge	
Describe the circumstances that created the discharge:	Exceeded the plant's hydraulic capacity
Contact person with knowledge of discharge (if different than above)	
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 remedial steps	
Name:	
Telephone number:	



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: cdo24hournpdes@epa.ohio.gov
 Central Office: co24hournpdes@epa.ohio.gov

On a case-by-case basis it may be determined an environmental emergency exists. Report environmental emergencies within thirty (30) minutes of discovery to Ohio EPA 24-hours a day, 365 days a year at 800-282-9378!

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 affected by the discharge:	Cuyahoga River
Circumstances that created the discharge	
Describe the circumstances that created the discharge:	Exceeded the plant's hydraulic capacity
Contact person with knowledge of discharge (if different than above)	
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 remedial steps	
Name:	
Telephone number:	

Westerly WWTP eDMR Reports

Outfall 002: Wet weather overflow/bypass to Lake Erie

Outfall 602: Secondary treatment bypass

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	557780	STATUS:	Original
FACILITY:	NEORSW Westerly WWTP	PERMIT NUMBER:	3PE00001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	002
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-01-01 To: 2016-01-31
DISTRICT:	NEDO	REPORTING LAB:	NEORSW Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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	
2016-01-01						
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 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.			Signature of Responsible Official or Authorized Representative	Submission Date/Time	
Andy Rossiter					2016-02-16 12:02	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

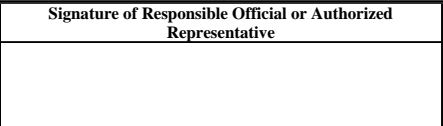
SUBMISSION ID:	557780	STATUS:	Original
FACILITY:	NEORSW Westerly WWTP	PERMIT NUMBER:	3PE00001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	602
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-01-01 To: 2016-01-31
DISTRICT:	NEDO	REPORTING LAB:	NEORSW Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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	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							
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 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.			Signature of Responsible Official or Authorized Representative	Submission Date/Time		
Andy Rossiter					2016-02-16 12:02		

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	564009	STATUS:	Original
FACILITY:	NEORS Westlerly WWTP	PERMIT NUMBER:	3PE0001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	002
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-02-01 To: 2016-02-29
DISTRICT:	NEDO	REPORTING LAB:	NEORS 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	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		
Average	348	63	1	23.6	7.5		
Count	1	1	1	1	1		

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.	Signature of Responsible Official or Authorized Representative		Submission Date/Time
				2016-03-11 09:03

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	564009	STATUS:	Original
FACILITY:	NEORSD Westerly WWTP	PERMIT NUMBER:	3PE00001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	602
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-02-01</u> To: <u>2016-02-29</u>
DISTRICT:	NEDO	REPORTING LAB:	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 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	24hr Composite	24hr Composite	24hr Total	24hr 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							
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Andy Rossiter						2016-03-11 09:03	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	572302	STATUS:	Original
FACILITY:	NEORSW Westerly WWTP	PERMIT NUMBER:	3PE00001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	002
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-03-01 To: 2016-03-31
DISTRICT:	NEDO	REPORTING LAB:	NEORSW 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		
2016-03-01	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	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		
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Andy Rossiter							

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	572302	STATUS:	Original
FACILITY:	NEORSD Westerly WWTP	PERMIT NUMBER:	3PE00001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	602
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	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 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	24hr Composite	24hr Composite	24hr Total	24hr 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 Responsible Official or Authorized Representative Andy Rossiter	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
			2016-04-18 09:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	572302	STATUS:	Original
FACILITY:	NEORSW Westerly WWTP	PERMIT NUMBER:	3PE00001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	002
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-03-01 To: 2016-03-31
DISTRICT:	NEDO	REPORTING LAB:	NEORSW 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	
2016-03-01	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	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	
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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time
Andy Rossiter						2016-04-18 09:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	572302	STATUS:	Original
FACILITY:	NEORSD Westerly WWTP	PERMIT NUMBER:	3PE00001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	602
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-03-01</u> To: <u>2016-03-31</u>
DISTRICT:	NEDO	REPORTING LAB:	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 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	24hr Composite	24hr Composite	24hr Total	24hr Total	24hr Total		
2016-03-01							
2016-03-02							
2016-03-03							
2016-03-04							
2016-03-05							
2016-03-06							
2016-03-07							
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2016-03-28							
2016-03-29							
2016-03-30							
2016-03-31							
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 fine and imprisonment.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
		Andy Rossiter	2016-04-18 09:04

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	586784	STATUS:	Original
FACILITY:	NEORSW Westerly WWTP	PERMIT NUMBER:	3PE0001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	002
COUNTY:	Cuyahoga	MONITORING PERIOD :	2016-05-01 To: 2016-05-31
DISTRICT:	NEDO	REPORTING LAB:	NEORSW 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	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	
2016-05-31	AC	AC	AC	AC	AC	AC	
Minimum	258600.0	62.0	25.0	1.0	2.0	0.9	
Maximum	260000.0	176.0	49.0	1.0	26.5	5.1	
Average	259300	115.33333	33.33333	1	10.3	2.66667	
Count	2	3	3	3	3	3	

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Andy Rossiter			2016-06-17 14:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	586784	STATUS:	Original
FACILITY:	NEORSW Westerly WWTP	PERMIT NUMBER:	3PE00001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	602
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-05-01</u> To: <u>2016-05-31</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORSW Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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	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							
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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							

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.	Signature of Responsible Official or Authorized Representative	Submission Date/Time
Andy Rossiter			2016-06-17 14:06

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	593440	STATUS:	Original
FACILITY:	NEORSW Westerly WWTP	PERMIT NUMBER:	3PE00001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	002
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-06-01</u> To: <u>2016-06-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORSW Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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	
2016-06-01							
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							
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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 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.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Andy Rossiter						2016-07-15 13:07	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID:	593440	STATUS:	Original
FACILITY:	NEORSW Westerly WWTP	PERMIT NUMBER:	3PE00001*PD
LOCATION:	5800 Cleveland Memorial Shoreway NW Cleveland, OH 44115	STATION CODE:	602
COUNTY:	Cuyahoga	MONITORING PERIOD :	<u>2016-06-01</u> To: <u>2016-06-30</u>
DISTRICT:	NEDO	REPORTING LAB:	NEORSW Analytical Services Mark Citriglia Manager of Analytical Services
		ANALYST:	
		NO DISCHARGE INDICATOR:	AL

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	24hr Composite	24hr Composite	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							
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2016-06-26							
2016-06-27							
2016-06-28							
2016-06-29							
2016-06-30							
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 fine and imprisonment.			Signature of Responsible Official or Authorized Representative		Submission Date/Time	
Andy Rossiter						2016-07-15 13:07	