Storm Water Management Program Assessment Report for Permit No. NCS000395

Reporting Period:
July 1, 2023 through June 30, 2024 (FY2024)

Co-Permittees:
Mecklenburg County, Charlotte-Mecklenburg Schools, Central Piedmont Community College and the Towns of Cornelius, Davidson, Huntersville, Matthews, Mint Hill, and Pineville

Report Date: August 2024

Report Prepared by:
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2145 Suttle Avenue
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Charlotte-Mecklenburg STORM WATER Services

Table of Contents

Tables

Figures

Attachments

Certification

By my signature below I hereby 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 fines and imprisonment for knowing violations.

I am also aware that the contents of this document shall become an enforceable Section of the NPDES MS4 Permit, and that both the Division and the Environmental Protection Agency have NPDES MS4 Permit compliance and enforcement authority.

☐ I am a ranking elected official.

☐ I am a principal executive officer for the permitted MS4.

X I am a duly authorized representative for the permitted MS4 and have attached the authorization made in writing by a principal executive officer or ranking elected official which specifies me as (*check one*):

- X A specific individual having overall responsibility for stormwater matters.
- ☐ A specific position having overall responsibility for stormwater matters.

Signature:	
Print Name:	Don Ceccarelli
Title:	Division Director, Storm Water Services
Signed this _26th_ day of __August___ 2024.	

Section 1: Introduction

This document satisfies the annual assessment and reporting requirement of Storm Water Permit No. NCS000395 as follows:

- Evaluate program compliance, the appropriateness of best management practices (BMPs), and progress towards achieving measurable goals; and
- Evaluate the performance and effectiveness of the Storm Water Quality Management Program Plan, herein referred to as the Storm Water Plan.

Charlotte-Mecklenburg Storm Water Services (CMSWS) has developed and is maintaining the Storm Water Plan for Permit No. NCS000395 on behalf of all co-permittees, including Mecklenburg County, Charlotte-Mecklenburg Schools (CMS), Central Piedmont Community College (CPCC), and the Towns of Cornelius, Davidson, Huntersville, Matthews, Mint Hill, and Pineville. This Storm Water Plan is available on the following website: http://stormwater.charmeck.org (select "Surface Water Quality," select "Program Overview," select "Current Storm Water Management Plan" under Phase II Permit at the bottom of the page). The purpose of the Storm Water Plan is to describe the actions undertaken by the Permittee to ensure compliance with Permit requirements. Each of the six (6) minimum measures contained in the Permit plus TMDL compliance (referred to as Programs) has a separate section in the Storm Water Plan. Each section includes a Summary Table that describes the Best Management Practices, referred to as BMPs, that will be undertaken to fulfill Permit requirements. These BMPs include specific Measurable Goals that must be completed in accordance with established schedules to ensure fulfillment of the BMP. Fulfillment of the BMPs equates to compliance with the Storm Water Plan and Permit. The BMPs and Measurable Goals are described in detail every year in a Work Plan with BMPs referred to as program elements and the Measurable Goals referred to as tasks. The Work Plan Program Element Documentation Log (Log) is completed by staff assigned the lead role in the fulfillment of program elements and assigned tasks. The Logs serve to document the who, what, when, where, and how regarding tasks as they are completed throughout the fiscal year. Various attachments, such as maps, presentations, data tables, etc., are added to the Logs as necessary to ensure complete documentation of all activities completed and data and information generated. These Logs and attachments are assessed and approved by supervisors before they are loaded into the Cityworks database attached to an Activity Report where they are available for access digitally. At the end of the fiscal year, established Measures of Success as described in the Storm Water Plan are calculated and assessed along with the assessment of Logs and associated attachments by the supervisors to determine compliance with the Storm Water Plan and Permit. These assessments also serve as the basis for identification of improvements to the Storm Water Plan, Work Plan and Measures of Success to enhance efforts for Permit compliance, which are implemented during the next fiscal year.

Section 2 of the annual report contained herein provides background information regarding the implementation of the Storm Water Plan between July 1, 2023 and June 30, 2024 (FY2024), including a fiscal analysis. Sections 3 through 9 provide an overview of the programs implemented to fulfill Permit requirements, including BMP Summary Tables for the six (6) minimum measures and TMDLs with Work Plan Codes, BMP Descriptions, Measurable Goals, Schedules, and Activity Reports numbers from Cityworks that contain Logs with details

regarding Permit compliance activities as described above. The detailed Logs are not provided in this annual report but are available upon request to Mecklenburg County's Water Quality Program Manager at 980-314-3217 or rusty.rozzelle@mecklenburgcountync.gov. The BMP Summary Tables also contain the numbers for Attachments provided at the end of this annual report that include a summary of data and information accumulated throughout the reporting year as well as lists of changes to the Storm Water Plan. Attachment 1 provides data generated from Phase II activities. The remainder of the attachments include more detailed information regarding specific countywide activities. Section 11 of this report provides an assessment of compliance with the Storm Water Plan and Permit requirements, as well as the status of attainment of the identified Measures of Success during FY2024. Section 12 concludes with a summary of the status of Work Plan modifications for improving Permit compliance during FY2024 and changes to be implemented in FY2025.

Section 2: Overview and Funding

CMSWS is responsible for developing, implementing, managing, and overseeing the Storm Water Plan under the direction of Mecklenburg County's Water Quality Program Manager. The specific tasks, deadlines, and assigned staff for fulfillment of the Storm Water Plan are described in an annual Work Plan. A copy of this Work Plan is available upon request to Mecklenburg County's Water Quality Program Manager at 980-314-3217 or rusty.rozzelle@mecklenburgcountync.gov. As specified in the Permit, each co-permittee is responsible for compliance with the terms and conditions of the Permit for storm water activities and watershed specific requirements within their jurisdictional area. Appropriate legal authority has been established by each jurisdiction for implementation of the Storm Water Plan through the adoption of Surface Water Pollution Control Ordinances that prohibit illicit discharges to the MS4 as well as the adoption of post-construction and erosion control ordinances. Mecklenburg County is delegated authority by each jurisdiction to enforce these ordinances. The majority of Permit compliance activities are performed by the Water Quality and Permitting and Compliance Programs within CMSWS. Funding for implementation of these Programs is shared by each jurisdiction based on an adopted Funding Strategy. Implementation costs for the reporting period of July 1, 2023 through June 30, 2024 (FY2024) were $1,517,183.32, including $695,101.38 and $822,081.94 in labor costs for the Water Quality and Permitting and Compliance Programs, respectively, and $86,980.51 in operating costs for laboratory, equipment, and supplies for the Water Quality Program. For FY2025, costs are estimated at $1,529,197.93 including $1,428,858.67 in labor costs for the Programs and $100,339.26 in operating costs. The Phase II jurisdictions in Mecklenburg County utilize the revenue they receive from their storm water and land development fees to fund the implementation of the Program with the exception of CMS and CPCC, which do not receive revenue from the storm water fee and therefore fund Phase II Program implementation through their general budget.

Section 3: Stormwater Management Program Administration

3.1 Program Overview

A program has been developed and is currently being implemented for administering the Phase II Permit for Mecklenburg County's Phase II jurisdictions/entities for the purpose of ensuring that all Permit requirements are effectively and efficiently fulfilled by co-permittees in accordance with the Storm Water Plan and that the administration requirements specified in the Permit are being met. The program includes two (2) separate BMPs and 11 Measurable Goals as described in Table 1 below. The Program also includes specific Measures of Success that are described in Section 11 of this document. The goal of Program Administration is to implement, manage and oversee the provisions of the Storm Water Plan to control to the maximum extent practical the discharge of pollutants from the municipal storm sewer system associated with stormwater runoff and illicit discharges, including spills and illegal dumping and to ensure that all Phase II Permit requirements are effectively and efficiently fulfilled.

3.2 Status of the Implementation of the Storm Water Plan in FY2024

Table 1 describes in Column A the BMPs identified in the Storm Water Plan for Stormwater Management Program Administration. The specific actions (i.e., Measurable Goals) undertaken for implementation of these BMPs are described in Column B with the schedule provided in Column C. Column D includes the Annual Reporting Metrics. Column E indicates the Annual Reporting Status, including whether the Measurable Goals were completed, and Permit compliance achieved as well as the Activity Report number from our Cityworks database that includes detailed documentation of completion and the Attachment # that contains the data and information generated.

Table 1: BMP Summary Table for Stormwater Management Program Administration

Program Development (Permit Ref. Part II Section A.4, 5 and 6; Part III Sections A,B,C,D; Part IV Sections A,B,D,E,F,G) Performing activities necessary to fulfill the administrative requirements for compliance with permit requirements, including coordinating with co-permittees, completing the annual assessment report, applying for permit renewal, and updating the Storm Water Management Program Plan as necessary.

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
#1 PD-1	Permit Development				
	Developing and submitting the annual assessment report required by the Phase II Permit to document compliance with the Phase II Storm Water Management Program.	a. Annual Report	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76660, 87388 Attachment #: 1
		b. Annual Assessment for Phase II Permit Compliance	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Discuss and Facilitate Work Plan Changes	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Implement Recommendations for Improvement	Continuously Permit Years 1-5	d.1 Completed/Not Completed d.2. List improvements implemented	
		e. Submit Quarterly	Continuously	e.1. Completed/Not	

Table 1: BMP Summary Table for Stormwater Management Program Administration					
Program Development (Permit Ref. Part II Section A.4, 5 and 6; Part III Sections A,B,C,D; Part IV Sections A,B,D,E,F,G) Performing activities necessary to fulfill the administrative requirements for compliance with permit requirements, including coordinating with co-permittees, completing the annual assessment report, applying for permit renewal, and updating the Storm Water Management Program Plan as necessary.					
BMP # & Work Plan Code	**A**	**B**	**C**	**D**	**E**
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric**	**Annual Reporting Status**
		Reports to Co-permittees	Permit Years 1-5	Completed e.2. Dates Quarterly Reports were sent to each co-permittee/entity	
		f. Certify and Submit Stormwater Permit Renewal	As scheduled by NCDEQ	Completed/Not Completed/Not Applicable	
		g. Participate in an NPDES MS4 Permit Compliance Audit	As scheduled by NCDEQ	Completed/Not Completed/Not Applicable	
#2 PD-3	Evaluate Effectiveness of Storm Water Plan				
	Evaluating the effectiveness of the Storm Water Quality Management Program Plan and updating as necessary, including all written policies and procedures.	a. Annual Report	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76661, 87389
		b. Annual Assessment for Storm Water Plan Compliance	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Discuss and Facilitate Work Plan Changes	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Implement recommendations for improvement	Continuously Permit Years 1-5	d.1 Completed/Not Completed d.2. List improvements implemented	

Section 4: Public Education and Outreach Program

4.1 Program Overview

CMSWS has developed and implemented a Public Education and Outreach Program for Mecklenburg County's Phase II jurisdictions/entities. The Program includes two (2) separate BMPs and 13 Measurable Goals as described in Table 2 below. The Program also includes specific Measures of Success that are described in Section 11 of this document. Program activities are administered by an Environmental Supervisor working in cooperation with an Environmental Manager and multiple key staff with CMSWS's Water Quality Program. The goals of the Public Education and Outreach Program are as follows:

1. Change public behaviors to reduce sources of water pollution and improve water quality.
2. Promote participation in activities aimed at restoring water quality conditions.

4.2 Status of the Implementation of the Storm Water Plan in FY2023

Table 2 describes in Column A the BMPs identified in the Storm Water Plan for the Public Education and Outreach Program. The specific actions (i.e., Measurable Goals) undertaken for implementation of these BMPs are described in Column B with the schedule provided in Column C. Column D includes the Annual Reporting Metrics. Column E indicates the Annual Reporting Status, including whether the Measurable Goals were completed, and Permit compliance achieved as well as the Activity Report number from our Cityworks database that includes detailed documentation of completion and the Attachment # that contains the data and information generated.

Table 2: BMP Summary Table for the Public Education and Outreach Program

Public Education and Outreach (Permit Ref. Part II Section B; Part III Sections A,B,C,D; Part IV Sections B,F): Distributing educational materials to the community or conducting equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff.

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
#3 PE-10 PE-2 CMS PE-2 CPCC	Community Education and Outreach				
	Performing public education and outreach activities.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved PE-10 AR#: 76633, 86469 Attachment #:1 PE-2 CMS AR#: 76643, 86470 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Coordinate with City and Co-Permittees, Review and Update SOPs, Review and Update Target Pollutants, Audiences, Residential/	Continuously Permit Years 1-5	Completed/Not Completed	

Table 2: BMP Summary Table for the Public Education and Outreach Program

Public Education and Outreach (Permit Ref. Part II Section B; Part III Sections A,B,C,D; Part IV Sections B,F): Distributing educational materials to the community or conducting equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff.

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
		Commercial Issues			PE-2 CPCC AR#: 76644, 86471 Attachment #: 1
		d. Develop, Update, Distribute, and Make Available Educational Materials	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # of materials distributed responding to service requests per jurisdiction # of events where materials were distributed per jurisdiction # of event attendees per jurisdiction # of public presentations per jurisdiction # of public presentation attendees per jurisdiction	
		e. Develop and send newsletters	Continuously Permit Years 1-5	Completed/Not Completed	
		f. Develop and Implement Public Education Media Campaign	Continuously Permit Years 1-5	Completed/Not Completed	
		g. Develop and Conduct Outreach for Schools, including promoting volunteer programs	Continuously Permit Years 1-5	g.1. Completed/Not Completed g.2. # of presentations and # of students reached by jurisdiction	
		h. Develop and Conduct Outreach for Industrial/Commercial Sector	Continuously Permit Years 1-5	Completed/Not Completed	
#4 PE-9	Evaluate the Public Education and Outreach Program				
	Evaluating the effectiveness of the Education & Outreach Program.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76635, 86472
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Discuss and Facilitate Work Plan Changes	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Implement Recommendations for Improvement	Continuously Permit Years 1-5	d.1 Completed/Not Completed d.2. List improvements implemented	

Table 2: BMP Summary Table for the Public Education and Outreach Program					
Public Education and Outreach (Permit Ref. Part II Section B; Part III Sections A,B,C,D; Part IV Sections B,F): Distributing educational materials to the community or conducting equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff.					
BMP # & Work Plan Code	**A**	**B**	**C**	**D**	**E**
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric**	**Annual Reporting Status**
		e. Review Public Opinion Survey	Continuously Permit Years 1-5	Completed/Not Completed	

Section 5: Public Involvement and Participation Program

5.1 Program Overview

CMSWS has developed and implemented a Public Involvement and Participation Program for Mecklenburg County's Phase II jurisdictions/entities. The Program includes nine (9) separate BMPs and 40 Measurable Goals as described in Table 3 below. The Program also includes specific Measures of Success that are described in Section 11 of this document. Program activities are administered by an Environmental Supervisor working in cooperation with an Environmental Manager and multiple key staff with CMSWS's Water Quality Program. The goal of the Public Involvement and Participation Program is to create opportunities for the public to participate in Phase II program development and implementation, as well as to get involved in activities aimed at protecting and restoring water quality conditions.

5.2 Status of the Implementation of the Storm Water Plan in FY2023

Table 3 describes in Column A the BMPs identified in the Storm Water Plan for Public Involvement and Participation Program. The specific actions (i.e., Measurable Goals) undertaken for implementation of these BMPs are described in Column B with the schedule provided in Column C. Column D includes the Annual Reporting Metrics. Column E indicates the Annual Reporting Status, including whether the Measurable Goals were completed, and Permit compliance achieved as well as the Activity Report number from our Cityworks database that includes detailed documentation of completion and the Attachment # that contains the data and information generated.

Table 3: BMP Summary Table for the Public Involvement and Participation Program

Public Involvement & Participation (Permit Ref. Part II Section C; Part III Sections A,B,C,D; Part IV Sections B,F): Developing and implementing a program to provide opportunities for the public, including major economic and ethnic groups, to participate in efforts to protect and restore surface water quality. (Note: SOPs are the same for Phases I and II. Documentation for revising these SOPs and performing training is contained under the Phase I program element.)

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
#5 PI-1	Phase II Public Meeting				
	Providing and promoting public involvement.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76662, 87390 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Conduct Meeting with SWAC	Continuously Permit Years 1-5	d.1 Completed/Not Completed d.2. # meetings held and # attending	
		d. Update and	Continuously	Completed/Not Completed	

Table 3: BMP Summary Table for the Public Involvement and Participation Program

Public Involvement & Participation (Permit Ref. Part II Section C; Part III Sections A,B,C,D; Part IV Sections B,F): Developing and implementing a program to provide opportunities for the public, including major economic and ethnic groups, to participate in efforts to protect and restore surface water quality. (Note: SOPs are the same for Phases I and II. Documentation for revising these SOPs and performing training is contained under the Phase I program element.)

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
		Implement the Storm Water Plan	Permit Years 1-5		
#6 PI-2	Adopt-A-Stream				
	Implementing the Adopt-A-Stream Program.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76650, 86490 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Conduct Daily Operations of Program	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # of volunteers and lbs. of trash removed by jurisdiction	
		e. Update Volunteer Database	Continuously Permit Years 1-5	Completed/Not Completed	
		f. Ensure Related Water Quality Problems Are Investigated	Continuously Permit Years 1-5	f.1. Completed/Not Completed f.2. # of problems reported by jurisdiction	
#7 PI-3	Storm Drain Marker				
	Implementing the Storm Drain Marker Program.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76634, 86491 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs – Review SOPs annually and revise as necessary	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Conduct Daily Operations of Program	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # of volunteers and # of drains marked by jurisdiction	

Table 3: BMP Summary Table for the Public Involvement and Participation Program

Public Involvement & Participation (Permit Ref. Part II Section C; Part III Sections A,B,C,D; Part IV Sections B,F): Developing and implementing a program to provide opportunities for the public, including major economic and ethnic groups, to participate in efforts to protect and restore surface water quality. (Note: SOPs are the same for Phases I and II. Documentation for revising these SOPs and performing training is contained under the Phase I program element.)

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
		e. Update Volunteer Database	Continuously Permit Years 1-5	Completed/Not Completed	
		f. Update Storm Drain Marking Feature	Continuously Permit Years 1-5	Completed/Not Completed	
		g. Ensure Related Water Quality Problems Are Investigated	Continuously Permit Years 1-5	g.1. Completed/Not Completed g.2. # of problems reported by jurisdiction	
#8 PE-I(4)	Volunteer Big Spring Clean				
	Conducting Annual Cleanup Event (Big Spring Clean).	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76628, 86487 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Plan and Conduct Annual Stream Cleanup	Continuously Permit Years 1-5	c.1. Completed/Not Completed c.2. Combined with #12 PE-I(16) # of events # of sites for Big Spring Clean # of volunteers lbs. of trash # of problems reported	
#9 VM-CO	Volunteer Monitoring				
	Implementing volunteer monitoring program that involves the monitoring of stream and lake conditions by volunteers.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76651, 86500 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs – Review SOPs annually and revise as necessary	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Conduct Daily	Continuously	d.1. Completed/Not	

Table 3: BMP Summary Table for the Public Involvement and Participation Program

Public Involvement & Participation (Permit Ref. Part II Section C; Part III Sections A,B,C,D; Part IV Sections B,F): Developing and implementing a program to provide opportunities for the public, including major economic and ethnic groups, to participate in efforts to protect and restore surface water quality. (Note: SOPs are the same for Phases I and II. Documentation for revising these SOPs and performing training is contained under the Phase I program element.)

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
		Operations of Program	Permit Years 1-5	Completed d.2. # of volunteers per assessment by jurisdiction	
		e. Update Volunteer Database	Continuously Permit Years 1-5	Completed/Not Completed	
		f. Ensure Related Water Quality Problems Are Investigated	Continuously Permit Years 1-5	f.1. Completed/Not Completed f.2. # of problems reported	
#10 PE-I(13)	Educate Media Campaign				
	Developing and implementing the Public Involvement Media Campaign.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 79064, 86475 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Develop Public Involvement Volunteer Education Campaign	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Implement Public Involvement Volunteer Education Campaign	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # of social media ads and total # of impressions (these numbers include Phase I and Phase II)	
#11 PE-I(14)	Volunteer Recognition				
	Performing activities to recognize and promote volunteers.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 79065, 86476 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Implement Volunteer Recognition Activities	Continuously Permit Years 1-5	c.1. Completed/Not Completed c.2. # of recognition activities	

Table 3: BMP Summary Table for the Public Involvement and Participation Program

Public Involvement & Participation (Permit Ref. Part II Section C; Part III Sections A,B,C,D; Part IV Sections B,F): Developing and implementing a program to provide opportunities for the public, including major economic and ethnic groups, to participate in efforts to protect and restore surface water quality. (Note: SOPs are the same for Phases I and II. Documentation for revising these SOPs and performing training is contained under the Phase I program element.)

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
#12 PE-I(16)	Creek Week				
	Performing annual Creek Week Events.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76631, 86478 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Implement Creek Week Events	Continuously Permit Years 1-5	c.1. Completed/Not Completed c.2. Combined with #8 (PE-I(4) # of events # of volunteers lbs. of trash # of problems reported	
#13 PI-6	Evaluate Public Involvement Program				
	Evaluating the effectiveness of the Public Involvement & Participation Program.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76636, 86492
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Discuss and Facilitate Work Plan Changes	c. Continuously Permit Years 1-5	Completed/Not Completed	
		d. Implement Recommendations for Improvement	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. List improvements implemented	

Section 6: Illicit Discharge Detection and Elimination Program

6.1 Program Overview

CMSWS has developed, implemented, and enforced an Illicit Discharge Detection and Elimination (IDDE) Program in Mecklenburg County's Phase II jurisdictions/entities. The Program includes 10 separate BMPs and 52 Measurable Goals as described in Table 4 below. The Program also includes specific Measures of Success that are described in Section 11 of this document. Program activities are administered by an Environmental Supervisor working in cooperation with an Environmental Manager and multiple key staff with CMSWS's Water Quality Program. The goal of the IDDE Program is to detect and eliminate illicit discharges into the MS4, which are defined in 40 CFR 123.26(b)(2) as discharges that are not composed entirely of storm water except discharges pursuant to a NPDES Permit (other than the NPDES Permit for discharges from the municipal separate storm sewer) and discharges resulting from fire-fighting activities as well as incidental non-storm water discharges or flows that are not significant contributors of pollutants.

6.2 Status of the Implementation of the Storm Water Plan in FY2023

Table 4 describes in Column A the BMPs identified in the Storm Water Plan for the Illicit Discharge Detection and Elimination (IDDE) Program. The specific actions (i.e., Measurable Goals) undertaken for implementation of these BMPs are described in Column B with the schedule provided in Column C. Column D includes the Annual Reporting Metrics. Column E indicates the Annual Reporting Status, including whether the Measurable Goals were completed, and Permit compliance achieved as well as the Activity Report number from our Cityworks database that includes detailed documentation of completion and the Attachment # that contains the data and information generated.

Table 4: BMP Summary Table for the IDDE Program

Illicit Discharge Detection and Elimination (IDDE) (Permit Ref. Part II Section D; Part III Sections A,B,C,D; Part IV Sections B,F): Develop and implement a program to detect and eliminate illicit discharges to the MS4. (Note: The IDDE Manual and SOPs are the same for Phases I and II. Documentation for revising these documents and performing training is contained under the Phase I program element.)

BMP # & Work Plan Code	A	B	C	D	E
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric**	**Annual Reporting Status**
#14 ID-1	Storm Sewer System Mapping				
	Maintaining a current map showing major outfalls and receiving streams.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76753, 88119 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs – Review SOPs annually and revise as	Continuously Permit Years 1-5	Completed/Not Completed	

Table 4: BMP Summary Table for the IDDE Program

Illicit Discharge Detection and Elimination (IDDE) (Permit Ref. Part II Section D; Part III Sections A,B,C,D; Part IV Sections B,F): Develop and implement a program to detect and eliminate illicit discharges to the MS4. (Note: The IDDE Manual and SOPs are the same for Phases I and II. Documentation for revising these documents and performing training is contained under the Phase I program element.)

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
		necessary			
		d. Maintain a current map showing major outfalls and receiving streams	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2.# of outfalls by type (regular, major, and industrial) by jurisdiction	
#15 ID-2	Outfall Inspections & Screening for Non-Stormwater Flows				
	Conducting field investigations for identifying dry weather flows to the storm sewer system including sampling and elimination of identified pollution sources.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76747, 87875 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs – Review SOPs annually and revise as necessary	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Develop and Implement QA/QC Procedures	Continuously Permit Years 1-5	Completed/Not Completed	
		e. Assess and Eliminate Problems in Areas with High Potential for Illicit Discharges	Continuously Permit Years 1-5	e.1. Completed/Not Completed e.2. # outfall inspections # problems detected # dry weather flows sampled under ID-6, ID-8, and ID-9 by jurisdiction	
#16 ID-3	NOVs & Enforcement - Maintain an IDDE Program				
	Maintaining a written IDDE Program, adequate legal authorities, and written procedures for conducting investigations of illicit discharges. and enforcing the Surface Water Pollution Control Ordinances in the Phase II jurisdictions to	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76748, 87876 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs – Review SOPs annually and revise as necessary	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Train CMSWS Staff	Continuously Permit Years 1-	d.1. Completed/Not Completed	

Table 4: BMP Summary Table for the IDDE Program					
Illicit Discharge Detection and Elimination (IDDE) (Permit Ref. Part II Section D; Part III Sections A,B,C,D; Part IV Sections B,F): Develop and implement a program to detect and eliminate illicit discharges to the MS4. (Note: The IDDE Manual and SOPs are the same for Phases I and II. Documentation for revising these documents and performing training is contained under the Phase I program element.)					
BMP # & Work Plan Code	**A**	**B**	**C**	**D**	**E**
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric**	**Annual Reporting Status**
	eliminate the discharge of pollutants to storm sewers and surface waters.		5	d.2. Combined with #19 ID-6 # staff trained on program elements ID-6 and ID-9.	
		e. Prepare and Issue NOVs	Continuously Permit Years 1-5	e.1. Completed/Not Completed e.2. Combined with #19 ID-6 # service requests by jurisdiction # emergency responses by jurisdiction # NOVs issued by jurisdiction # repeat NOVs by jurisdiction # NOVs issued by ordinance violation type by jurisdiction # NOVs issued by discharge material type. # penalties issued by jurisdiction # and type of pollution sources observed by jurisdiction # and type of materials discharged by jurisdiction	
#17 ID-4.1 ID-4.3 ID-4.4 ID-4.7-CO ID-4.10 IC-S(1.6) (CMANN) QA/QC	Water Quality Monitoring Program				
	Maintaining a monitoring program to assess water quality conditions for identification and elimination of illicit discharges and other pollution sources.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved ID-4.1 AR#: 76789, 87571 Attachment #: 1, 4, 5
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs – Review SOPs annually and revise as necessary	Continuously Permit Years 1-5	Completed/Not Completed	ID-4.3 AR#: 77172, 87984 Attachment #: 1
		d. Conduct Monitoring Activities	Continuously Permit Years 1-5	Completed/Not Completed	ID-4.4 AR#: 78798, 88360 Attachment #: 1
		e. Review Data for	Continuously	e.1. Completed/Not	

Table 4: BMP Summary Table for the IDDE Program

Illicit Discharge Detection and Elimination (IDDE) (Permit Ref. Part II Section D; Part III Sections A,B,C,D; Part IV Sections B,F): Develop and implement a program to detect and eliminate illicit discharges to the MS4. (Note: The IDDE Manual and SOPs are the same for Phases I and II. Documentation for revising these documents and performing training is contained under the Phase I program element.)

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
		Exceedances	Permit Years 1-5	Completed e.2. # of CMANN data points collected by watershed # of exceedance of State standards by jurisdiction # problems detected e.3. Summary of findings from macroinvertebrate sampling by jurisdiction e.4. Summary of findings from electrofishing efforts. e.5. Summary of findings from FIM sampling efforts by jurisdiction	ID-4.7-CO AR#: 76750, 87878 ID-4.10 AR#: 78667, 88132 Attachment #: 1 IC-S(1.6) AR#: 78686, 87793
		f. Conduct Follow-Up Actions	Continuously Permit Years 1-5	Completed/Not Completed	
#18 ID-5	Pollution Prevention Education				
	Developing and implementing a public outreach program to inform public employees, businesses and the general public of illicit discharges and improper waste disposal and how they threaten the environment as well as provide instructions concerning proper reporting.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76639, 86467 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Ensure Messages Inform Citizens	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Review 311 Keywords	Continuously Permit Years 1-5	Completed/Not Completed	
		e. Conduct Presentations Regarding Illicit Discharges and Improper Waste Disposal	Continuously Permit Years 1-5	Completed/Not Completed	
		f. Ensure Co-permittees and County Departments are Trained	Once per permit term	f.1. Completed/Not Completed f.2. # of staff trained	
#19 ID-6	Follow up Inspections and Responding to Citizen Requests and Emergencies				
	Responding to citizen requests for service and emergency	a. Annual Report – Document completion of Work Plan program	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved

Table 4: BMP Summary Table for the IDDE Program

Illicit Discharge Detection and Elimination (IDDE) (Permit Ref. Part II Section D; Part III Sections A,B,C,D; Part IV Sections B,F): Develop and implement a program to detect and eliminate illicit discharges to the MS4. (Note: The IDDE Manual and SOPs are the same for Phases I and II. Documentation for revising these documents and performing training is contained under the Phase I program element.)

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
	situations as well as conduct follow up inspections as necessary to identify and eliminate pollution problems.	element			AR#: 76749, 87877 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs – Review SOPs annually and revise as necessary	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Maintain Roster for Emergency Response Program	Continuously Permit Years 1-5	Completed/Not Completed	
		e. Receive, Respond, and Investigate Citizen Requests for Service	Continuously Permit Years 1-5	e.1. Completed/Not Completed e.2. Combined with #16 ID-6 # staff trained on program elements ID-6 and ID-9 # service requests by jurisdiction # emergency responses by jurisdiction # NOVs issued by jurisdiction # repeat NOVs by jurisdiction # NOVs issued by ordinance violation type by jurisdiction # NOVs issued by discharge material type # penalties issued by jurisdiction # and type of pollution sources observed by jurisdiction # and type of materials discharged by jurisdiction	
#20 ID-8	Stream Walk/Outfall Inventory & Inspection/Dry Weather Flow Analysis				
	Inspecting creeks for the purpose of identifying and eliminating illicit discharges and collecting outfall and stream	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved
		b. Annual Assessment – Document status of implementation of the	Continuously Permit Years 1-5	Completed/Not Completed	AR#: 76673, 87923 Attachment #: 1

Table 4: BMP Summary Table for the IDDE Program

Illicit Discharge Detection and Elimination (IDDE) (Permit Ref. Part II Section D; Part III Sections A,B,C,D; Part IV Sections B,F): Develop and implement a program to detect and eliminate illicit discharges to the MS4. (Note: The IDDE Manual and SOPs are the same for Phases I and II. Documentation for revising these documents and performing training is contained under the Phase I program element.)

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
	channel data as well as conducting dry weather flow field observations in accordance with written procedures.	Storm Water Plan			
		c. Revise and Implement Program Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Review and Revise SOPs – Review SOPs annually and revise as necessary	Continuously Permit Years 1-5	Completed/Not Completed	
		e. Train CMSWS Staff	Continuously Permit Years 1-5	e.1. Completed/Not Completed e.2. # staff trained	
		f. Conduct Assessments, Inventory, Inspections, and Monitoring	Continuously Permit Years 1-5	f.1. Completed/Not Completed f.2. # miles walked by jurisdiction # new outfalls collected by jurisdiction # existing outfalls inspected by jurisdiction # total outfalls inspected by jurisdiction # DWF Samples collected by jurisdiction	
		g. Review Data for Exceedances	Continuously Permit Years 1-5	g.1. Completed/Not Completed g.2. # and type exceedances by jurisdictions	
#21 ID-9	Illicit Discharge Elimination Program (IDEP)				
	Investigating select locations on a regular, recurring schedule for the identification and elimination of illicit discharges and other pollution problems.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76751, 87879 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs – Review SOPs annually and revise as necessary	Continuously Permit Years 1-5	Completed/Not Completed	

Table 4: BMP Summary Table for the IDDE Program					
Illicit Discharge Detection and Elimination (IDDE) (Permit Ref. Part II Section D; Part III Sections A,B,C,D; Part IV Sections B,F): Develop and implement a program to detect and eliminate illicit discharges to the MS4. (Note: The IDDE Manual and SOPs are the same for Phases I and II. Documentation for revising these documents and performing training is contained under the Phase I program element.)					
BMP # & Work Plan Code	**A**	**B**	**C**	**D**	**E**
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric**	**Annual Reporting Status**
		d. Field Validate Outfall Data & Input Additional Attributes	Continuously Permit Years 1-5	e.1. Completed/Not Completed e.2. # inspections conducted by jurisdiction e.3. # violations observed by jurisdiction	
#22 ID-U	Used Oil Inspection				
	Conducting inspections of vehicle maintenance facilities to prevent the discharge of pollutants.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76755, 87015 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs – Review SOPs annually and revise as necessary	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Complete, Prepare, and Submit Inspection Reports	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # of inspections completed by jurisdiction d.3. # of violations observed	
		e. Maintain Database	Continuously Permit Years 1-5	Completed/Not Completed	
#23 ID-10	Evaluate Effectiveness of the IDDE Program				
	Evaluating the effectiveness of the IDDE Program.	a. Annual Report	a. Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76754, 88120
		b. Annual Assessment	b. Continuously Permit Years 1-5	Completed/Not Completed	
		c. Discuss and Facilitate Work Plan Changes	c. Continuously Permit Years 1-5	Completed/Not Completed	
		d. Implement improvements in the next fiscal year	d. Continuously Permit Years 1-5	c.1. Completed/Not Completed c.2. List of improvements implemented	

Section 7: Construction Site Storm Water Runoff Control Program

7.1 Program Overview

Construction Site Runoff Control Programs have been developed and are currently being implemented for addressing the discharge of sediment and other pollutants from construction sites in Mecklenburg County 's Phase II jurisdictions that disturb one or more acres of land surface and those activities less than one acre that are part of a larger common plan of development as authorized under the Sediment Pollution Control Act of 1973. These are delegated programs under NCGS 113A-60. The Program includes 3 separate BMPs and 12 Measurable Goals as described in Table 5 below. The Program also includes specific Measures of Success that are described in Section 11 of this document. Program activities are administered by an Environmental Supervisor working in cooperation with an Environmental Manager and multiple key staff with CMSWS's Permitting and Compliance Program. In November 2019, the Town of Huntersville received delegated authority from the State to administer a local erosion control program in their jurisdiction. The Town of Huntersville coordinates with the County in the completion of the activities associated with the Construction Site Erosion Control Program described in this Section. Kevin Fox, Public Works Director, serves as the responsible party for compliance with the Permit requirements for the Construction Site Storm Water Runoff Control Program in the Town of Huntersville. His contact information is as follows: 704-766-2320 and kfox@huntersville.org.

7.2 Status of the Implementation of the Storm Water Plan in FY2023

Table 5 describes in Column A the BMPs identified in the Storm Water Plan for the Construction Site Storm Water Runoff Control Program. The specific actions (i.e., Measurable Goals) undertaken for implementation of these BMPs are described in Column B with the schedule provided in Column C. Column D includes the Annual Reporting Metrics. Column E indicates the Annual Reporting Status, including whether the Measurable Goals were completed, and Permit compliance achieved as well as the Activity Report number from our Cityworks database that includes detailed documentation of completion and the Attachment # that contains the data and information generated.

Table 5: BMP Summary Table for the Construction Site Storm Water Control Program

Construction Site Runoff Control Program (Permit Ref. Part II Section E; Part III Sections A,B,C,D; Part IV Sections B,F): Enforce erosion and sedimentation control ordinances by permitting and controlling development activities disturbing one or more acres of land surface and those activities less than one acre that are part of a larger common plan of development as authorized under the Sediment Pollution Control Act of 1973.

BMP # & Work Plan Code	A	B	C	D	E
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric**	**Annual Reporting Status**
#24 CS-1	Enforce Erosion Control Ordinances				
	Enforcing erosion and sedimentation control ordinances.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved
		b. Annual Assessment – Document status of	Continuously Permit Years 1-	Completed/Not Completed	AR#: 78773,

Table 5: BMP Summary Table for the Construction Site Storm Water Control Program

Construction Site Runoff Control Program (Permit Ref. Part II Section E; Part III Sections A,B,C,D; Part IV Sections B,F): Enforce erosion and sedimentation control ordinances by permitting and controlling development activities disturbing one or more acres of land surface and those activities less than one acre that are part of a larger common plan of development as authorized under the Sediment Pollution Control Act of 1973.

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
		implementation of the Storm Water Plan	5		87393 Attachment #: 1
		c. Review and Revise SOPs	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Conduct Inspections	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # inspections conducted by jurisdiction	
		e. Prepare and issue NOVs and Initiate Enforcement Actions	Continuously Permit Years 1-5	e.1. Completed/Not Completed e.2. # NOVs issued by jurisdiction e.3. # repeat NOVs issued by jurisdiction e.4. # penalties assessed by jurisdiction	
#25 CS-2	Erosion Control Education				
	Developing and implementing a program to educate those engaging in land disturbing activities regarding the applicable erosion control requirements and regulations.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 78776, 87395 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Distribute Educational Materials	Continuously Permit Years 1-5	c.1. Completed/Not Completed c.2. # education materials distributed by jurisdiction	
		d. Implement Charlotte-Mecklenburg Certified Site Inspector (CMCSI) Training	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # attendees	
#26 CS-3	Evaluate Effectiveness of the Erosion Control Program				
	Evaluating the effectiveness of the Erosion Control Program.	a. Annual Report	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 78778, 87393
		b. Annual Assessment	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Implement Recommendations for Improvement	Continuously Permit Years 1-5	c.1. Completed/Not Completed c.2. List of improvements implemented	

Section 8: Post-Construction Site Runoff Control Program

8.1 Program Overview

A Post-Construction Site Runoff Control Program has been developed and is currently being implemented for addressing post-construction stormwater runoff from new development and redevelopment projects in Mecklenburg County's Phase II jurisdictions. The Program includes four (4) separate BMPs and 17 Measurable Goals as described in Table 6 below. The Program also includes specific Measures of Success that are described in Section 11 of this document. Program activities are administered by an Environmental Supervisor working in cooperation with an Environmental Manager and multiple key staff with CMSWS's Water Quality Program. rams except for in the Town of Huntersville and its ETJ where effective July 1, 2020 Town staff are responsible for plan reviews and issuing land development Permits as well as conducting inspections to confirm project completion in compliance with Permit requirements.

8.2 Status of the Implementation of the Storm Water Plan in FY2023

Table 6 describes in Column A the BMPs identified in the Storm Water Plan for the Post-Construction Site Runoff Control Program. The specific actions (i.e., Measurable Goals) undertaken for implementation of these BMPs are described in Column B with the schedule provided in Column C. Column D includes the Annual Reporting Metrics. Column E indicates the Annual Reporting Status, including whether the Measurable Goals were completed, and Permit compliance achieved as well as the Activity Report number from our Cityworks database that includes detailed documentation of completion and the Attachment # that contains the data and information generated.

Table 6: BMP Summary Table for the Post-Construction Site Runoff Control Program

Post-Construction Site Runoff Control Program (Permit Ref. Part II Section F; Part III Sections A,B,C,D; Part IV Sections B,F):Implement and enforce a program to address storm water runoff from new development and redevelopment projects, including public transportation maintained by the permittee, that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the small MS4.

BMP # & Work Plan Code	A	B	C	D		E
	Description of BMP	Measurable Goal(s)	Schedule for Implementation	Annual Reporting Metric (Yes or No)		Annual Reporting Status
				Completed	Compliant	
#27 PC-1	Implement Post-Construction Ordinances					
	Developing, implementing, and enforcing ordinances that will minimize negative water quality impacts to surface waters from post-construction discharges.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed		Completed & Permit Compliance Achieved AR#: 76657, 87382 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed		
		c. Ensure Effective Implementation	Continuously Permit Years 1-5	Completed/Not Completed		
		d. Provide	Continuously	d.1. Completed/Not		

Table 6: BMP Summary Table for the Post-Construction Site Runoff Control Program

Post-Construction Site Runoff Control Program (Permit Ref. Part II Section F; Part III Sections A,B,C,D; Part IV Sections B,F):Implement and enforce a program to address storm water runoff from new development and redevelopment projects, including public transportation maintained by the permittee, that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the small MS4.

BMP # & Work Plan Code	A	B	C	D		E
	Description of BMP	Measurable Goal(s)	Schedule for Implementation	Annual Reporting Metric (Yes or No)		Annual Reporting Status
				Completed	Compliant	
		Interpretations of Ordinance Requirements	Permit Years 1-5	Completed d.2. # interpretations by jurisdiction		
#28 PC-2	Post-Construction Ordinance Inspections					
	Conducting site inspections of stormwater controls installed for compliance with ordinance requirements.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed		Completed & Permit Compliance Achieved AR#: 78780, 87385 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed		
		c. Update Manual	Continuously Permit Years 1-5	Completed/Not Completed		
		d. Complete Inspections	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # and type of inspections conducted by jurisdiction		
		e. Prepare and issue NOVs and Initiate Enforcement Actions	Continuously Permit Years 1-5	e.1. Completed/Not Completed e.2. # NOVs issued by jurisdiction e.3. # repeat NOVs issued by jurisdiction e.4. # penalties assessed by jurisdiction		
#29 PC-3	Post-Construction Ordinance Education					
	Implementing a program to educate the development community regarding applicable post-construction requirements and regulations.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed		Completed & Permit Compliance Achieved AR#: 76658, 87384 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed		
		c. Develop Post-Construction Ordinance Training	Continuously Permit Years 1-5	Completed/Not Completed		
		d. Conduct Training	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # attendees		
#30 PC-5	Evaluate Effectiveness of the Post-Construction Controls Program					
	Evaluating the	a. Annual Report	Continuously	Completed/Not Completed		Completed &

Table 6: BMP Summary Table for the Post-Construction Site Runoff Control Program						
Post-Construction Site Runoff Control Program (Permit Ref. Part II Section F; Part III Sections A,B,C,D; Part IV Sections B,F):Implement and enforce a program to address storm water runoff from new development and redevelopment projects, including public transportation maintained by the permittee, that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the small MS4.						
BMP # & Work Plan Code	**A**	**B**	**C**	**D**		**E**
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric (Yes or No)**		**Annual Reporting Status**
				Completed	**Compliant**	
	effectiveness of the Post-Construction Controls Program.		Permit Years 1-5			Permit Compliance Achieved AR#: 76659, 87387
		b. Annual Assessment	Continuously Permit Years 1-5	Completed/Not Completed		
		c. Discuss and Facilitate Work Plan Changes	Continuously Permit Years 1-5	Completed/Not Completed		
		d. Implement improvements in the next fiscal year.	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. List of improvements		

Section 9: Pollution Prevention/Good Housekeeping for Municipal Operations

9.1 Program Overview

CMSWS has developed and implemented a Pollution Prevention/Good Housekeeping Program for municipal facilities and operations. The Program includes four (4) separate BMPs and 20 Measurable Goals as described in Table 7 below. The Program also includes specific Measures of Success that are described in Section 11 of this document. Program activities are administered by an Environmental Supervisor working in cooperation with an Environmental Manager and multiple key staff with CMSWS's Water Quality Program. The goal of the Pollution Prevention/Good Housekeeping Program is to reduce pollutants in storm water runoff from municipal operations.

9.2 Status of the Implementation of the Storm Water Plan in FY2023

Table 7 describes in Column A the BMPs identified in the Storm Water Plan for the Pollution Prevention and Good Housekeeping Program. The specific actions (i.e., Measurable Goals) undertaken for implementation of these BMPs are described in Column B with the schedule provided in Column C. Column D includes the Annual Reporting Metrics. Column E indicates the Annual Reporting Status, including whether the Measurable Goals were completed, and Permit compliance achieved as well as the Activity Report number from our Cityworks database that includes detailed documentation of completion and the Attachment # that contains the data and information generated.

Table 7: BMP Summary Table for the Pollution Prevention/Good Housekeeping Program

Pollution Prevention & Good Housekeeping (Permit Ref. Part II Section G; Part III Sections A,B,C,D; Part IV Sections B,F): Implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations. Provide employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance.

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
#31 PP-1 PP-1 CMS PP-1 CPCC	Employee Training				
	Implementing a training program for employees involved in implementing pollution prevention and good housekeeping practices.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved PP-1 AR#: 76640, 86494 Attachment #: 1 PP-1 CMS AR#: 76645, 86494 Attachment #: 1 PP-1 CPCC AR#: 76646, 86495
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Training Program – Review and update training program for employees at facilities involved in municipal operations	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Provide Training Materials to Towns, County Facilities, CMS, and CPCC	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # municipal employees trained by	

Table 7: BMP Summary Table for the Pollution Prevention/Good Housekeeping Program

Pollution Prevention & Good Housekeeping (Permit Ref. Part II Section G; Part III Sections A,B,C,D; Part IV Sections B,F): Implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations. Provide employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance.

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
				jurisdiction	Attachment #: 1
#32 PP-2 PP-2 CMS PP-2 CPCC	Inspections				
	Implementing inspection program for municipal facilities.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved PP-2 AR#: 76488, 87024 Attachment #: 1 PP-2 CMS AR#: 76485, 87022 Attachment #: 1 PP-2 CPCC AR#: 76489, 87023 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs – Review SOPs annually and revise as necessary	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Train CMSWS Staff	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # CMSWS staff trained	
		e. Complete, Prepare, and Submit Inspection Reports	Continuously Permit Years 1-5	e.1. Completed/Not Completed e.2. # facility inspections completed per jurisdiction e.3. # and type of recommendations made by jurisdiction e.4. # and type of deficiencies observed by jurisdiction	
		f. Develop O&M Plans	Continuously Permit Years 1-5	Completed/Not Completed	
#33 PP-5	Municipal Facility Inventory				
	Maintaining a current inventory of co-permittee facilities and operations with a significant potential for generating pollution.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76756, 87046 Attachment #: 1
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Review and Revise SOPs	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Update Municipal Inventory	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. # properties identified per jurisdiction/entity. d.3. # properties with significant potential to pollute added to the Pollution Prevention	

Table 7: BMP Summary Table for the Pollution Prevention/Good Housekeeping Program

Pollution Prevention & Good Housekeeping (Permit Ref. Part II Section G; Part III Sections A,B,C,D; Part IV Sections B,F): Implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations. Provide employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance.

BMP # & Work Plan Code	A	B	C	D	E
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric**	**Annual Reporting Status**
				Program (PP-2)	
		e. Notify Co-Permittees of Changes	Continuously Permit Years 1-5	Completed/Not Completed	
#34 PP-9	Evaluate Effectiveness of the Pollution Prevention/ Good Housekeeping Program				
	Evaluating the effectiveness of the Pollution Prevention/ Good Housekeeping Program.	a. Annual Report – Document completion of Work Plan program element	Continuously Permit Years 1-5	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76687, 87019
		b. Annual Assessment – Verify compliance with the Storm Water Plan and Permit and identify improvements from this year's assessment	Continuously Permit Years 1-5	Completed/Not Completed	
		c. Discuss and Facilitate Work Plan Changes	Continuously Permit Years 1-5	Completed/Not Completed	
		d. Evaluate Effectiveness of O&M Plans	Continuously Permit Years 1-5	d.1. Completed/Not Completed d.2. Cost vs. estimated quantity of pollutants removed from municipally owned streets, roads, and public parking lots compared to acceptable pollutant removal range of under or between $3 and$5 per pound	
		e. Implement Recommendations for Improvement	Continuously Permit Years 1-5	e.1. Completed/Not Completed e.2. List of improvements implemented	

Section 10: Total Maximum Daily Loads (TMDLs)

10.1 Program Overview

CMSWS has developed and implemented a program for addressing non-point source pollutant loading associated with the Total Maximum Daily Loads (TMDLs) approved by EPA for the receiving waters of the Phase II MS4 storm water discharges and/or waters downstream of these discharges. The Program includes three (3) separate BMPs and 21 Measurable Goals as described in Table 8 below. The Program also includes specific Measures of Success that are described in Section 11 of this document. Program activities are administered by an Environmental Manager and multiple key staff with CMSWS's Water Quality Program. The goal of the TMDL Program is to reduce non-point source pollutant loading to the receiving stream to the maximum extent practicable.

10.2 Status of the Implementation of the Storm Water Plan in FY2023

Table 8 describes in Column A the BMPs identified in the Storm Water Plan for the TMDL Compliance Program. The specific actions (i.e., Measurable Goals) undertaken for implementation of these BMPs are described in Column B with the schedule provided in Column C. Column D includes the Annual Reporting Metrics. Column E indicates the Annual Reporting Status, including whether the Measurable Goals were completed, and Permit compliance achieved as well as the Activity Report number from our Cityworks database that includes detailed documentation of completion and the Attachment # that contains the data and information generated. Attachment 6 provided at the end of this report includes a summary of activities performed in TMDL watersheds in the Phase II jurisdictions and provides an assessment of whether additional structural and/or non-structural BMPs are necessary to address impaired waters. Attachment 6 also includes a brief explanation as to how the programs, controls, partnerships, projects and strategies address impaired waters as required by Section H # 4 of NPDES Permit # NCS000395.

Table 8: BMP Summary Table for the TMDL Program

Total Maximum Daily Load (TMDL) Program (Permit Ref. Section H; Part III Sections A,B,C,D; Part IV Sections B,F): Implement a program to reduce levels of the pollutant of concern in accordance with approved Waste Load Allocation (WLAs) assigned to stormwater in an approved TMDL.

BMP # & Work Plan Code	A	B	C	D	E
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric**	**Annual Reporting Status**
#35 IW-1	Evaluate Impaired Waters				
	Identifying those impaired waters with an approved TMDL in Mecklenburg County that have a waste load allocation assigned to stormwater.	a. Annual Report – Document completion of Work Plan program element	Annually beginning July 1	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76655, 87378 Attachment #: 6
		b. Annual Assessment	Annually beginning July 1	Completed/Not Completed	
		c. Review TMDLs Approved by EPA	Annually beginning July 1	c.1. Completed/Not Completed c.2. # and description of new TMDLs approved	

Table 8: BMP Summary Table for the TMDL Program

Total Maximum Daily Load (TMDL) Program (Permit Ref. Section H; Part III Sections A,B,C,D; Part IV Sections B,F): Implement a program to reduce levels of the pollutant of concern in accordance with approved Waste Load Allocation (WLAs) assigned to stormwater in an approved TMDL.

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
		d. Review Approved and Draft Versions of N.C. Integrated Report	Annually beginning July 1	d.1. Completed/Not Completed d.2. # and description of changes	
#36 IW-2	Water Quality Recovery Plans for TMDLs				
	Developing and implementing Water Quality Recovery Plans (WQRPs) for TMDL waters with a waste load allocation assigned to stormwater.	a. Annual Report – Document completion of Work Plan program element	Annually beginning July 1	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76656, 87379 Attachment #: 6
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Annually beginning July 1	Completed/Not Completed	
		c. Evaluate Land Use and Development	Annually beginning July 1	c.1. Completed/Not Completed c.2. # and type changes	
		d. Review BMPs or SCMs to Reduce Nonpoint Source Pollution	Annually beginning July 1	d.1. Completed/Not Completed d.2. # and type changes	
		e. Determine Location of Failed Septic Systems	Annually beginning July 1	e.1. Completed/Not Completed e.2. # failing systems	
		f. Confirm Follow Up Activities Are Conducted	Annually beginning July 1	f.1. Completed/Not Completed f.2. # repairs completed	
		g. Inspect Major Outfalls	Annually beginning July 1	g.1. Completed/Not Completed g.2. # inspections	
		h. Conduct Follow Up Activities	Annually beginning July 1	f.1. Completed/Not Completed f.2. # problems corrected	
		i. Analyze Monitoring Data	Annually beginning July 1	Completed/Not Completed	
		j. Identify Additional Measures to Achieve TMDL WLA	Annually beginning July 1	j.1. Completed/Not Completed j.2. # and type additional measures	
		k. Implement Water Quality Recovery Plans	Annually beginning July 1	Completed/Not Completed	
		l. Inspect Privately Owned Lift Stations	Annually beginning July 1	Completed/Not Completed # inspections	
		m. Assess for Negative Water Quality Impacts	Annually beginning July 1	m.1. Completed/Not Completed m.2. # problems detected/corrected	
#37 IW-4	Assess Effectiveness of Water Quality Recovery Plans for TMDLs				
	Assessing the	a. Annual Report	Annually	Completed/Not Completed	Completed &

Table 8: BMP Summary Table for the TMDL Program

Total Maximum Daily Load (TMDL) Program (Permit Ref. Section H; Part III Sections A,B,C,D; Part IV Sections B,F): Implement a program to reduce levels of the pollutant of concern in accordance with approved Waste Load Allocation (WLAs) assigned to stormwater in an approved TMDL.

BMP # & Work Plan Code	A	B	C	D	E
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric**	**Annual Reporting Status**
	effectiveness of BMPs at addressing TMDL waters.		beginning July 1		Permit Compliance Achieved AR#: 76663, 87380 Attachment #: 6
		b. Annual Assessment	Annually beginning July 1	Completed/Not Completed	
		c. Discuss and Facilitate Work Plan Changes	c. Continuously Permit Years 1-5	Completed/Not Completed	
		d. Implement improvements in the next fiscal year.	Annually beginning July 1	d.1. Completed/Not Completed d.2. List of improvements	

Section 11: Assessment of Storm Water Plan and Overall Program Effectiveness

During FY2024, the permittee has satisfactorily implemented the 37 BMPs and fulfilled the 186 Measurable Goals specified in Storm Water Plan developed and implemented for compliance with Permit No. NCS000395 as described in Tables 1 through 8 above. The other provisions of the Permit have also been satisfactorily fulfilled; therefore, compliance with the Permit has been achieved. The permittee further finds that the implementation of the Storm Water Plan as well as the individual BMPs contained in the Plan has resulted in the satisfactory completion of seven (7) of the nine (9) or 78% of the identified Measures of Success as indicated in Table 9. This is the same percentage of Success achieved in FY2023. Figures 1 through 9 below illustrate the history of successes based on these nine (9) measures, including a linear trend line. All the measures are trending in a successful direction except repeat violators. Work is ongoing to reverse this trend. The implementation of the Program modifications described in Attachments 3 and briefly summarized in Section 12.2 below are meant to improve the effectiveness of Program activities in FY2025. As explained in Section 12.2 below, all the Measures of Success identified in Table 9 will be discontinued in FY2025 except for #1.

Table 9: Measure of Success Summary for FY2024

#	Measures of Success	FY2024 Target	FY2024 Results	Target Met (Yes or No)
1	Complete Documentation – Document Storm Water Program activities that demonstrate successful fulfillment of BMPs fixed at 100%.	100% of Activities Documented	100% of Activities Documented	Yes
2	Increasing Awareness – Increase the percentage of survey respondents indicating they are aware that water flowing into storm drains goes directly to creeks and lakes fixed at 60% in FY24.	≥60%	67.80%	Yes
3	Increasing Awareness – Increase the extent of exposure from the media campaign based on the average of the last 3 fiscal years.	≥7,306,751	6,914,432	No
4	Increasing Number of Volunteers – Increase in the number of volunteers based on the average of the last 3 fiscal years.	≥4,377	5,400	Yes
5	Increasing IDDE – Increase the percentage of NOVs issued to the number of IDDE inspections conducted based on the average of the last 3 fiscal years.	≥9.51%	10.04%	Yes
6	Decreasing Number of Repeat Violators – Decrease the percentage of repeat violators to the number of NOVs issued based on the average of the last 3 fiscal years.	≤21.48%	12.50%	Yes
7	Improving Compliance – Decrease the percentage of NOVs issued to the number of erosion control inspections conducted based on the average of the last 3 fiscal years.	≤1.12%	0.6%	Yes
8	Improving Compliance – Decrease the percentage of BMP deficiencies to the number of inspections conducted based on the average of the last 3 fiscal years.	42.96%	4.16%	Yes

#	Measures of Success	FY2024 Target	FY2024 Results	Target Met (Yes or No)
9	Improving Compliance – Decrease the percentage of deficiencies detected to the number of municipal facility inspections conducted fixed at 10% in FY24.	≤10%	25%	No

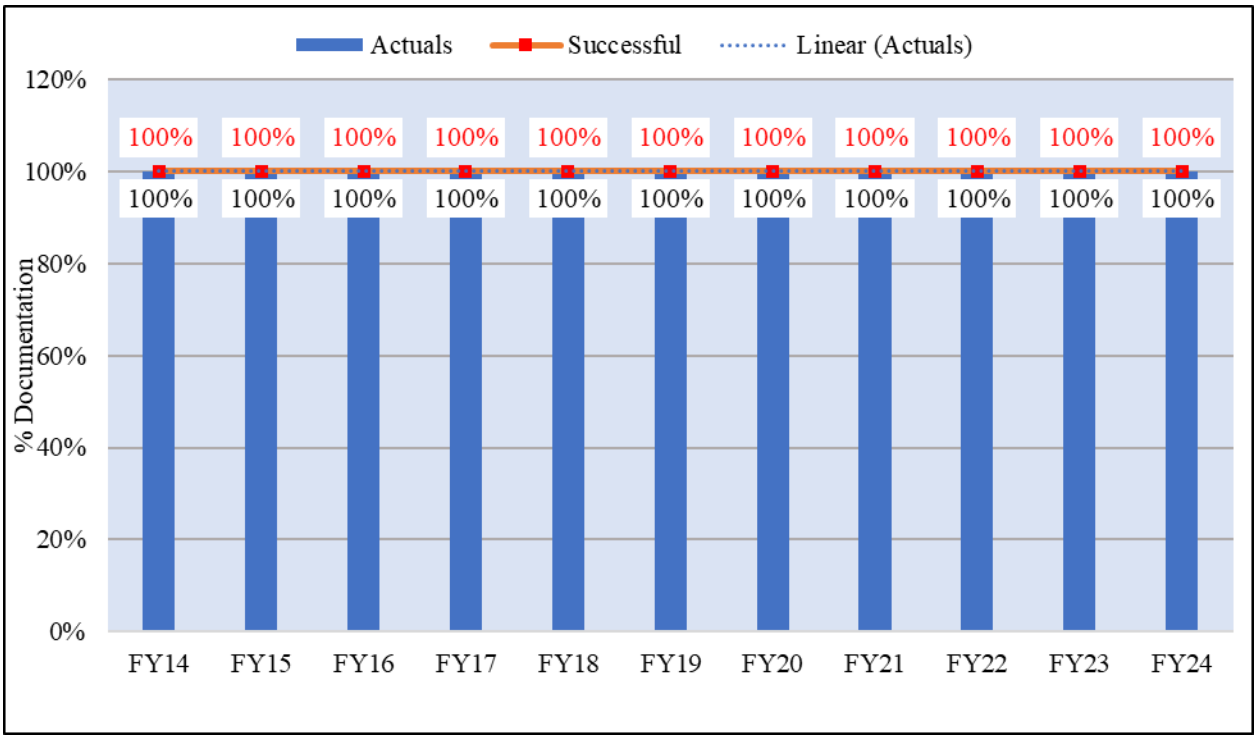


Figure 1: Documentation of Completion of Storm Water Program Activities

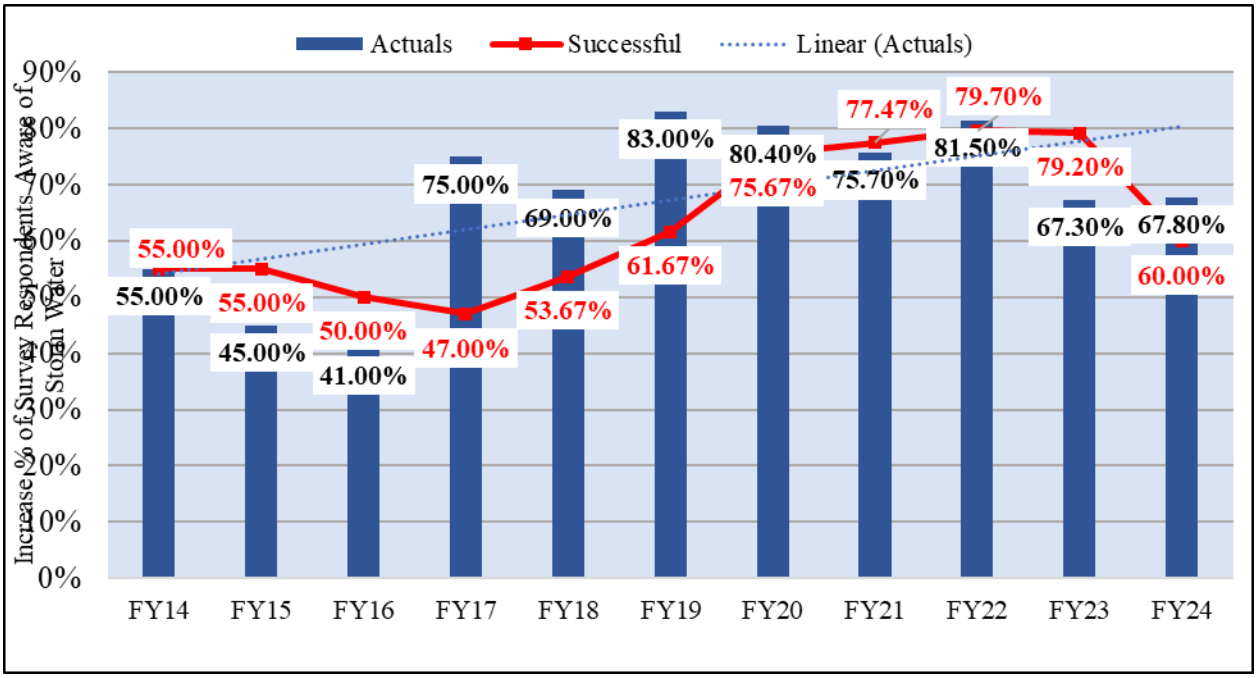


Figure 2: Increase % Awareness of Survey Respondents

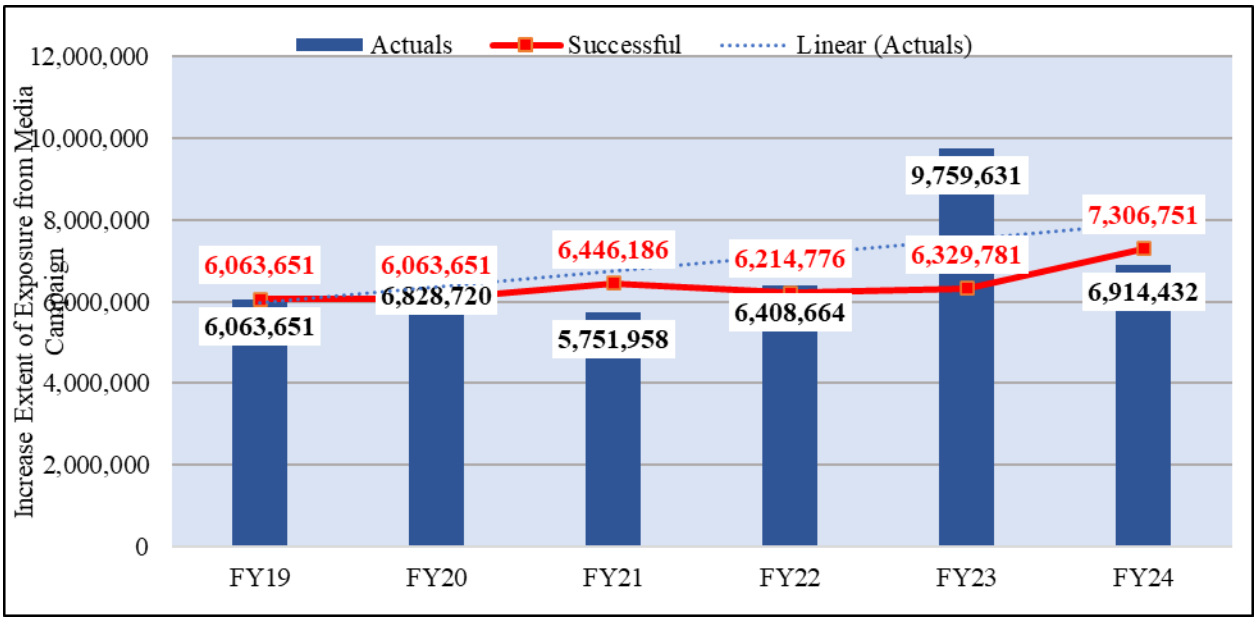


Figure 3: Increase Extent of Exposure from Media Campaign

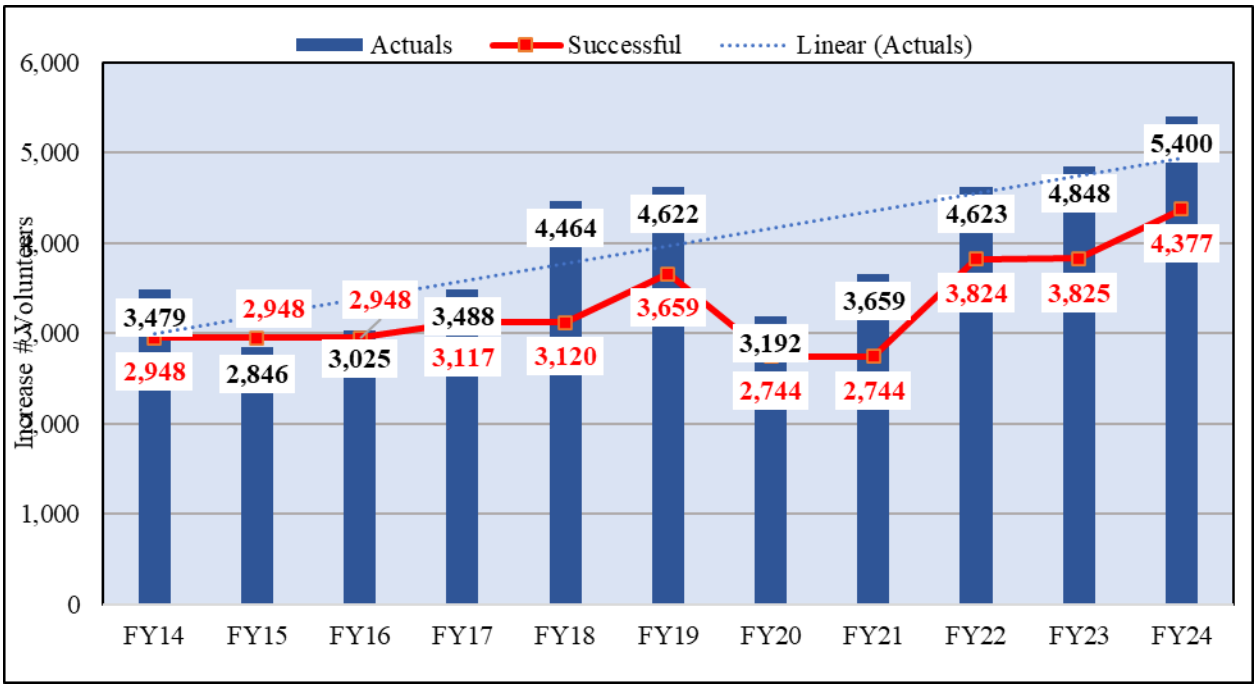


Figure 4: Increase Number of Volunteers

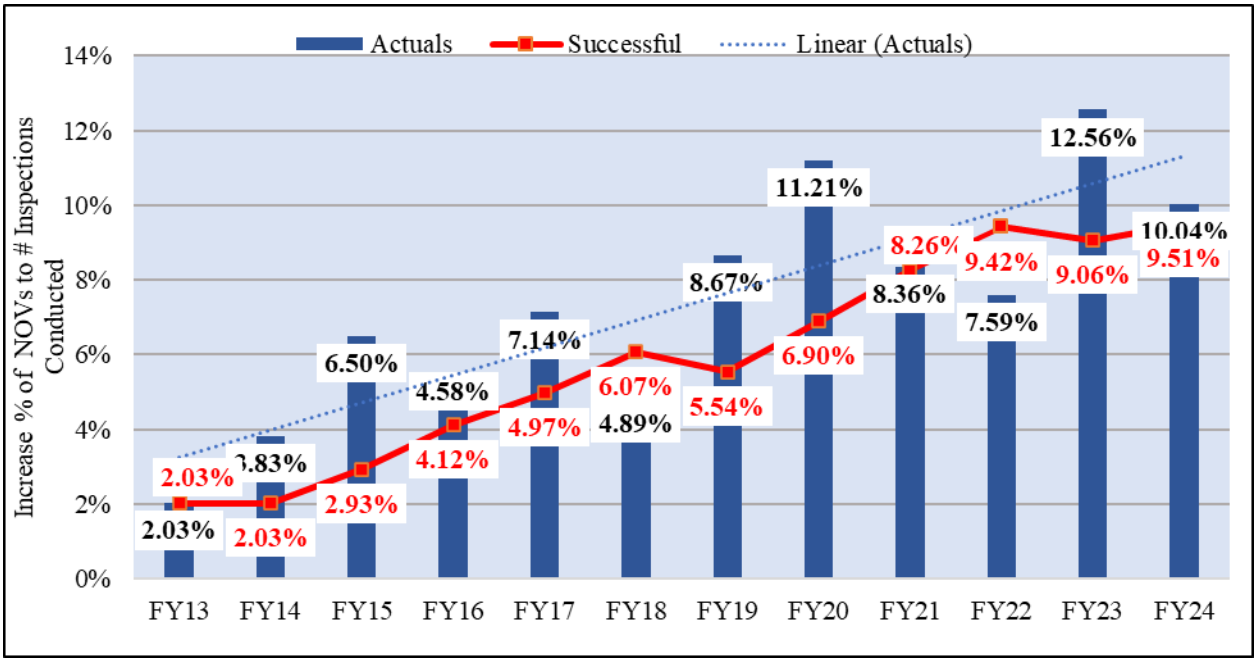


Figure 5: Increase % of NOVs Issued to # IDDE Inspections

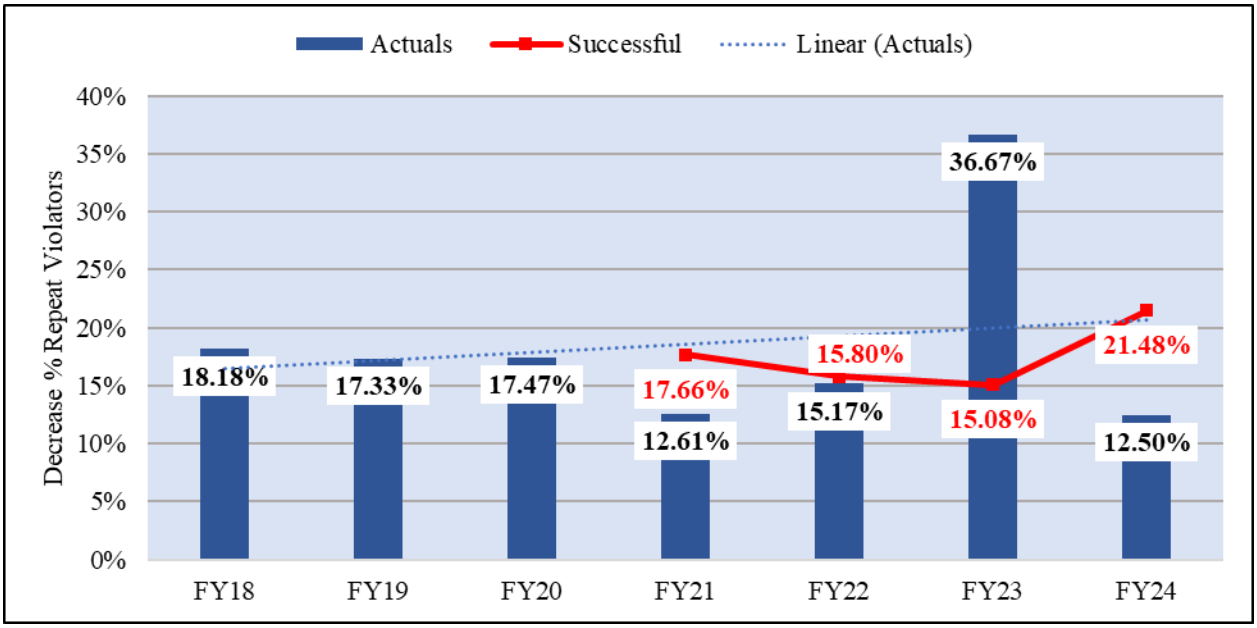


Figure 6: Decrease % of Repeat Violators to # NOVs Issued

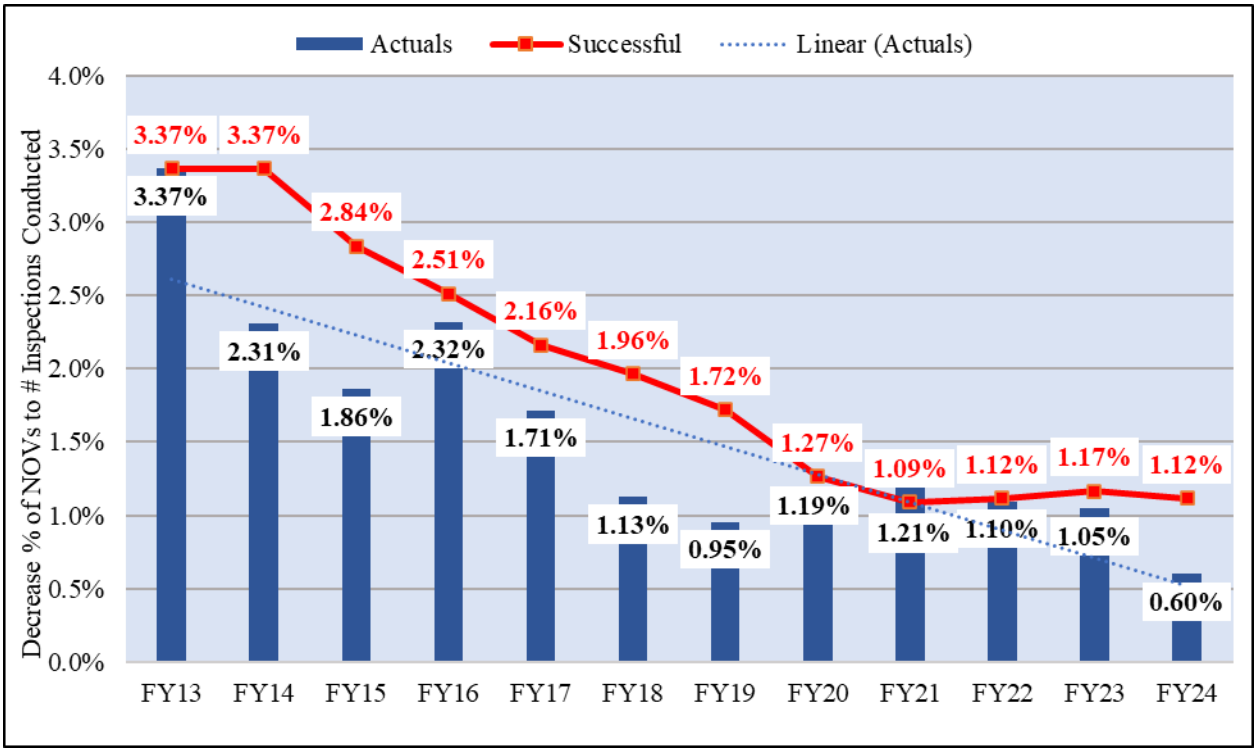


Figure 7: Decrease % of NOVs Issued to # Erosion Control Inspections

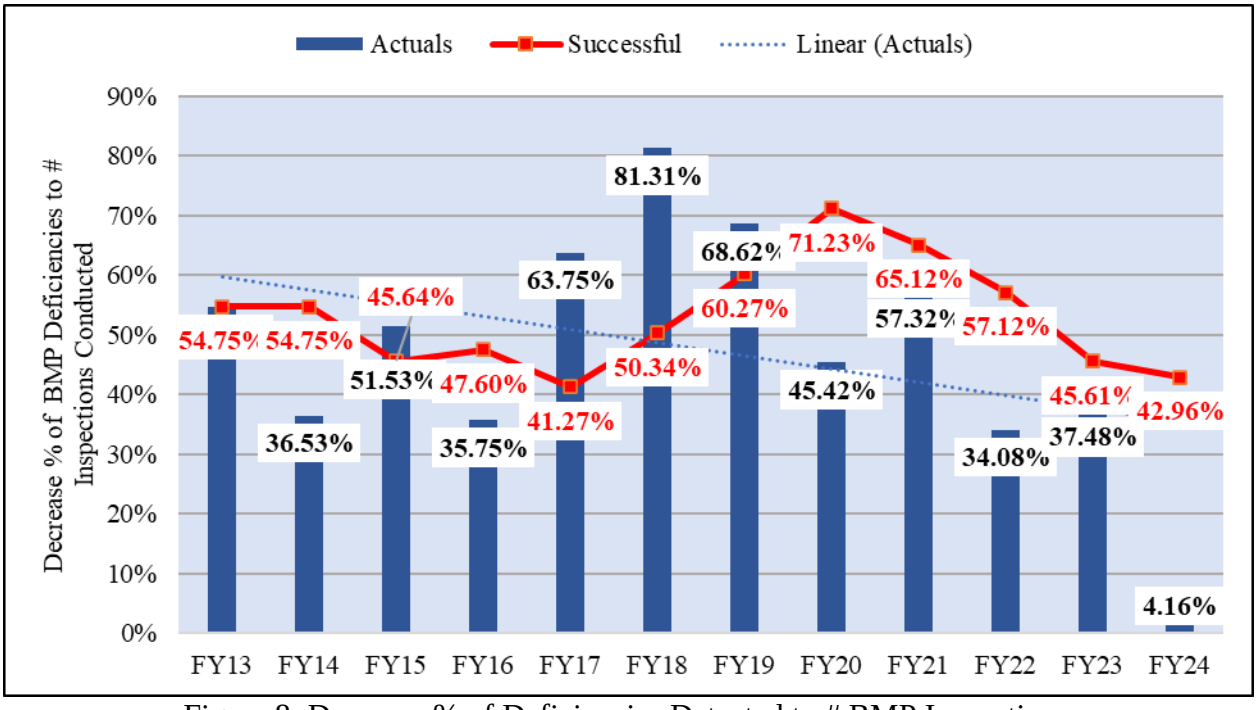


Figure 8: Decrease % of Deficiencies Detected to # BMP Inspections

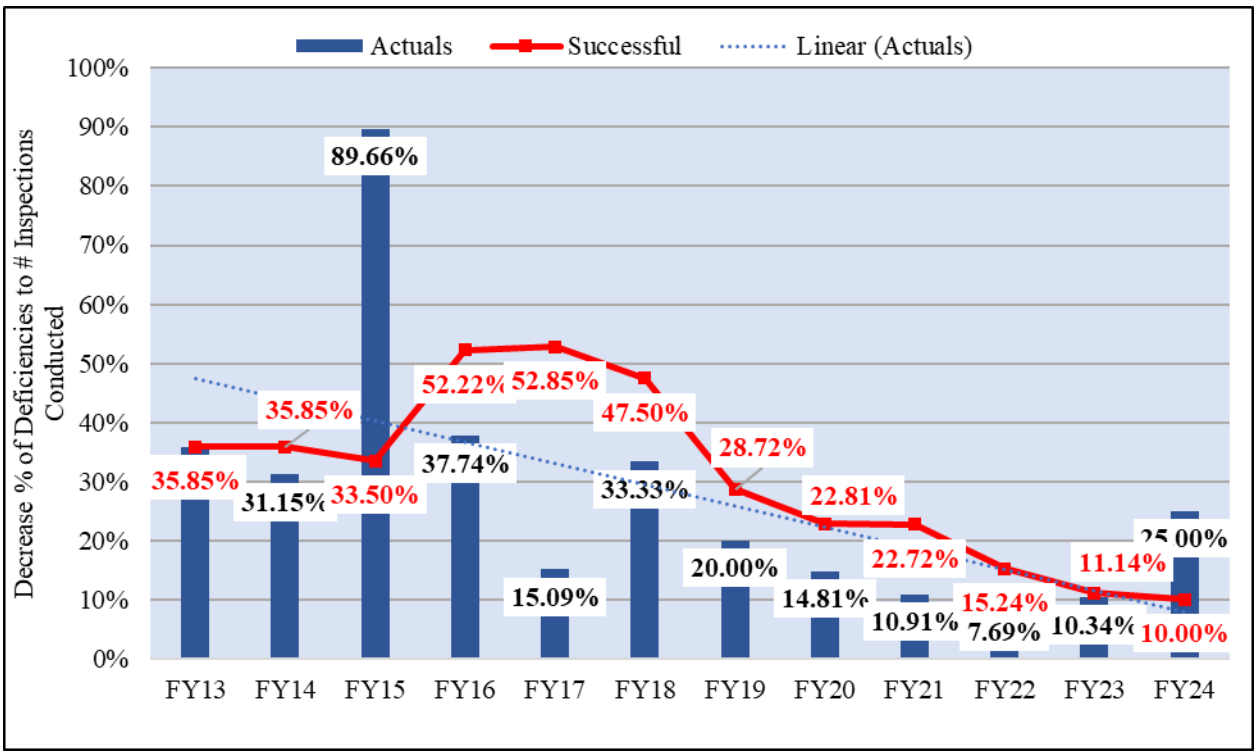


Figure 9: Decrease % of Deficiencies Detected to # Municipal Facility Inspections

Section 12: Program Enhancements

Attachment 2 describes the status of the implementation of planned modifications to the program in FY2024 resulting from the annual assessment completed for FY2023. Attachment 3 describes the modifications planned for FY25 as a result of this year's annual assessment. The purpose of these modifications is to improvement the effectiveness and efficiency of program activities for protecting and restoring surface water quality and complying with Permit requirements.

12.1 Status of Implementation of Program Modifications for FY2024

For FY2024, a total of 22 program modifications were proposed. All but two (2) or 91% of these modifications were satisfactorily completed as described in Attachment 2. The two (2) not completed were due to a staff shortage in the Permitting & Compliance Program.

12.2 Program Modifications Identified for Implementation in FY2025

For FY2025, a total of 20 program modifications are proposed for the purpose of improving the effectiveness and efficiency of Permit compliance activities. These modifications are described in Attachment 3, including the justification for the change, the desired result, assigned program element as described in the annual Work Plan, responsible staff, and schedule. The status of the implementation of these modifications will be described in the FY2025 annual report and assessment.

Beginning in FY2025, the nine (9) Measures of Success identified in Table 9 above will be discontinued except for #1. The reason for this change is that these measures are significantly influenced by numerous factors beyond the control of the Phase II jurisdictions making them an ineffective Measures of Success of compliance efforts. Every year the Phase II jurisdictions identify specific activities they want to complete to meet Permit requirements including Program modifications based on the previous year's annual assessments. These activities are identified in an annual Work Plan and documentation of completion is maintained in Cityworks. It has been decided that 100% documentation of these activities is an effective Measure of Success that is minimally influenced by factors beyond the control of the Phase II jurisdictions. In some cases, activities may not be completed for good cause, such as loss of staff or budget cuts, in which case this will be documented in Cityworks along with a plan for future completion. Therefore, effective July 1, 2024, the completion of this documentation will serve as the single measure of success that will be used, which is the same as #1 in Table 9.

Attachment 1: Data by Jurisdiction

#1 (PD-1) Quarterly Reports/Statements	Quarterly Reports/Statements									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Q1 Date Sent	11/17/2023	11/17/2023	11/17/2023	11/17/2023	11/17/2023	11/17/2023	11/17/2023	11/17/2023	11/17/2023	**9**
Q2 Date Sent	2/6/2023	2/6/2023	2/6/2023	2/6/2023	2/6/2023	2/6/2023	2/6/2023	2/6/2023	2/6/2023	**9**
Q3 Date Sent	5/13/2024	5/13/2024	5/13/2024	5/13/2024	5/13/2024	5/13/2024	5/13/2024	5/13/2024	5/13/2024	**9**
Q4 Date Sent	8/27/2024	8/27/2024	8/27/2024	8/27/2024	8/27/2024	8/27/2024	8/27/2024	8/27/2024	8/27/2024	**9**

#3 (PE-10) School Presentations	School Presentations									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Total Presentations	7	5	8	7	0	3	8	N/A	N/A	38
Total Attendees	153	120	196	124	0	110	272	N/A	N/A	975

#3 (PE-10) Public Presentations	Public Presentations Conducted									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Total Presentations	0	2	1	0	0	0	0	0	0	**3**
Total Attendees	0	60	40	0	0	0	0	0	0	**100**

#3 (PE-10) Educational Handouts	Educational Handouts Distributed During Service Requests and Other Inspections									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Total Handouts Distributed	14	7	11	34	39	11	9	0	0	**125**

#3 (PE-10) Public Events	Events Attended									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Total Events	1	1	4	1	0	1	1	0	0	**9**
Total Attendees	72	87	151	143	0	300	18	0	0	**771**
Educational Information Displayed (Yes/No)	Yes	Yes	Yes	Yes	N/A	Yes	N/A	N/A	N/A	**Yes**

#5 (PI-1) Phase II Public Meetings

Phase II Public Meetings with SWAC										
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Total Number of Meetings	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**10**
Total Number Attendees	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**170**

#6 (PI-2) Adopt-A-Stream

Adopt-A-Stream Activities										
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Volunteers	82	13	92	65	311	52	67	N/A	N/A	**682**
Pounds of Trash Removed	760	220	1285	1645	3814	350	947	N/A	N/A	**9021**
Problems Reported	0	0	0	0	0	0	0	N/A	N/A	**0**

#7 (PI-3) Storm Drain Marking

Storm Drain Marking Activities										
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Volunteers	6	3	9	0	0	0	0	0	0	**18**
Markers Applied	121	22	33	0	0	0	0	0	0	**176**
Problems Reported	0	0	0	0	0	0	0	0	0	**0**

#8 (PE-I(4)) Big Spring Clean and #12 (PE-I(16)) Creek Week

Big Spring Clean and Creek Week Activities										
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Events	0	0	1	1	0	2	1	0	0	**5**
Number of Sites for Big Spring Clean	0	0	1	1	0	0	0	0	0	**2**
Total Volunteers/ participants	0	0	22	88	0	22	18	0	0	**150**
Pounds of Trash Removed	0	0	1,025	5,050	0	0	0	0	0	**6,075**
Problems Reported	0	0	0	0	0	0	0	0	0	**0**

#9 (VM-CO) Volunteer Monitoring	Volunteer Monitoring Activities									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Streamside Assessment Volunteers	0	7	0	4	0	0	0	0	0	**11**
Number of Streamside Snapshot Volunteers	26	10	37	6	0	11	12	0	0	**102**
Number of Streamside Chemical Volunteers	10	12	22	14	77	0	24	0	0	**159**
Problems Reported	1	0	3	1	0	0	0	0	0	**5**

#10 (PE-I(13)) Educate Media Campaign	Education Campaign (Numbers Include Phase I)									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Facebook Posts	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**258**
Number of Instagram Posts	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**413**
Number of X Posts	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**217**
Total Number of Impressions for Full Media Campaign	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**6,914,432**

#11 (PE-I(14)) Volunteer Recognition	Volunteer Recognition Activities (Numbers Include Phase I)									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Volunteer Recognition Activities	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**23**

#14 (ID-1) Stormwater Inventory	Stormwater Inventory									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Outfalls (all)	900	446	2,013	858	2,188	1,184	631	939	74	**9,233**
Major Outfalls (> 36")	53	64	268	64	197	113	52	41	4	**856**
Industrial Outfalls	46	0	45	74	128	32	88	N/A	N/A	**413**

#15 (ID-2) Outfall Inspections	Screening for Non-Stormwater Flows									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Outfalls Inspected	67	42	386	89	299	102	64	N/A	N/A	**1049**
Problems Detected	0	0	1	0	0	0	1	0	0	**2**
Dry Weather Flows Sampled	0	0	1	0	0	0	1	0	0	**2**

#16 (ID-6) and #19 (ID-6) Follow Up Inspections and Responding to Citizen Request and Emergencies	Service Requests, Emergency Response, and Notices of Violations									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
SR	14	7	11	34	39	11	9	0	0	**125**
ER	2	0	0	3	1	0	2	0	0	**8**
NOVs Issued	4	0	2	3	5	5	5	0	0	**24**
Repeat NOVs Issued	1	0	0	1	1	0	0	0	0	**3**
Number of Penalties Issued	1	0	0	1	0	0	0	0	0	**2**
Number of Illicit Discharge NOVs	1	0	2	0	2	3	3	0	0	**11**
Number of Illicit Connection NOVs	0	0	0	0	0	1	0	0	0	**1**
Number of Accidental Discharge NOVs	0	0	0	0	0	0	0	0	0	**0**
Number of Improper Storage, Handling, or Processing of Materials NOVs	2	0	0	0	2	1	2	0	0	**7**
Number of Failure to Comply NOVs	0	0	0	0	1	0	0	0	0	**1**
Number of High PAH NOVs	0	0	0	0	0	0	0	0	0	**0**
Number of Obstruction NOVs	0	0	0	0	0	0	0	0	0	**0**
Number of CMSWS Staff Trained (enter in "total" column)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**21**

#16 (ID-6) and #19 (ID-6) Follow Up Inspections and Responding to Citizen Request and Emergencies

Pollution Sources	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Accidental	0	0	2	3	7	0	4	0	0	**16**
Algae	1	3	0	0	0	0	0	0	0	**4**
Aquatic Life/Fish Kill	0	0	0	0	1	0	0	0	0	**1**
Discharge/dump	7	2	3	17	12	5	5	0	0	**51**
Erosion/sediment	0	0	1	3	2	0	0	0	0	**6**
Monitoring Follow-up	0	0	0	0	1	0	0	0	0	**1**
Natural Condition	2	2	1	1	1	2	0	0	0	**9**
No Incident Identified	3	0	3	10	12	4	0	0	0	**32**
Other	1	0	1	0	3	0	0	0	0	**5**
Unknown	0	0	0	0	0	0	0	0	0	**0**
Total	**14**	**7**	**11**	**34**	**39**	**11**	**9**	**0**	**0**	**125**

#16 (ID-6) and #19 (ID-6) Follow Up Inspections and Responding to Citizen Request and Emergencies

Materials Discharged	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Allowable	1	0	0	6	1	2	0	0	0	**10**
Chemical	0	0	0	0	2	0	0	0	0	**2**
Concrete	0	0	0	2	1	0	0	0	0	**3**
Cooking Oil/Grease	0	0	1	0	1	0	2	0	0	**4**
Motor Oil	0	0	0	0	0	0	0	0	0	**0**
Other	2	0	2	2	0	0	3	0	0	**9**
Paint	0	1	0	0	0	0	1	0	0	**2**
Petroleum Fuels	0	0	2	3	5	0	2	0	0	**12**
Sediment	0	0	1	3	2	0	0	0	0	**6**
Sewage - CMU	3	1	1	0	3	0	0	0	0	**8**
Sewage - Private (commercial)	1	0	0	0	2	0	1	0	0	**4**
Sewage - Private (residential)	1	0	0	4	3	0	0	0	0	**8**
Sewage - Septic	0	0	0	1	2	0	0	0	0	**3**
Trash	0	0	0	1	1	0	0	0	0	**2**
Unknown	0	0	0	0	1	1	0	0	0	**2**
Wash Water	1	0	0	1	0	1	0	0	0	**3**
Waste Water	0	0	0	0	1	1	0	0	0	**2**
Yard Waste	0	0	0	4	0	1	0	0	0	**5**
Total	**9**	**2**	**7**	**27**	**25**	**6**	**9**	**0**	**0**	**85**

	Exceedances of NC State Standards and Local Action Levels									
#17 (ID-4.1) Fixed Interval Monitoring (FIM)	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Site State Exeeedances Metals, Fecal Coliform, Turbidity		MY1B 0,4,4	MC2 5,1,3, MC4 3,1,0, MC50 3,0,0	MC40C 6,0,0, MC36 3,0,0	MY10 0,0,0, MY8 4,0,0, MY14 2,0,0	MY9 3,0,0				
Local Action Exceedences for Lab and Field Data, Nox, TP, Temperature, SPC, pH		None	None	None	None	None				
Problems Detected and Identified	N/A	0	0	0	0	0	N/A	N/A	N/A	0

#17 (ID-4.3) Biological Macroinvertebrate and Habitat Assessment Monitoring

Biological Macroinvertebrate and Habitat Assessment Monitoring										
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Stream		W. Br.	McDowell		Clarke	Goose Creek	Little Sugar			
Site		Rocky	Creek		Creek	MY9	Creek			
Date		River	MC2A1		MY10	7/20/23	MC49A			
EPT Taxa		MY1B	9/28/23		8/17/23	9	9/15/23			
Richness		8/17/23	16		12	44	13			
Total Taxa		14	48		44	6.45	30			
Richness		51	6.34		6.27	FAIR	6.54			
NCBI		5.87	GOOD-		FAIR		FAIR			
Bioclassification		GOOD-FAIR	FAIR							
Stream			McDowell		Duck Creek		Sugar Creek			
Site			Creek MC4		MY14		MC27			
Date			9/28/23		8/09/23		7/27/22			
EPT Taxa			14		9		11			
Richness			46		43		25			
Total Taxa			6.56		6.62		6.45			
Richness			FAIR		FAIR		FAIR			
NCBI										
Bioclassification										
Stream			Torrence		Clear					
Site			Creek		Creek MY8					
Date			MC3E		7/21/23					
EPT Taxa			9/12/23		17					
Richness			14		62					
Total Taxa			49		5.91					
Richness			6.39		GOOD-					
NCBI			GOOD-		FAIR					
Bioclassification			FAIR							
Stream			Gar Creek		McKee					
Site			MC50		Creek					
Date			7/28/23		MY7B					
EPT Taxa			10		8/04/23					
Richness			56		10					
Total Taxa			5.76		33					
Richness			GOOD-		6.04					
Stream					Reedy					
Site					Creek					
Date					MY13					
EPT Taxa					7/26/23					
Richness					17					
Total Taxa					47					
Richness					5.99					
NCBI					GOOD-					
Bioclassification					FAIR					
Stream					Paw Creek					
Site					MC17					
Date					8/11/23					
EPT Taxa					2					
Richness					20					
Total Taxa					6.67					
Richness					POOR					
Total Sites		1	4		6	1	2			**14**
Number of CMSWS Staff Trained (enter in "total" column)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**23**

	Biological Fish and Habitat Assessment Monitoring										
		Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
#17 (ID-4.4) Fish Monitoring	**Stream** **Site** **Date** **Number of Species** **Number of Fish** **NCIBI** **Bioclassification**		W.Branch Rocky River MY1B - Shearer Road 5-23-24 10 192 36 Fair	McDowell Creek MC2 - Sam Furr Road 6-7-24 13 318 34 Poor		Clear Creek MY8 - Ferguson Road 6-4-24 18 420 52 Good					
	Stream **Site** **Date** **Number of Species** **Number of Fish** **NCIBI** **Bioclassification**					Goose Creek MY9 - Stevens Mill Road 6-17-24 18 696 56 Excellent					
	Total Sites	0	1	1	0	2	0	0	0	0	**4**
	Number of CMSWS Staff Trained (enter in "total" column)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**18**

	Observations and Exceedances of NC State Standards per Parameter per Site and Number of Problems Detected										
		Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
#17 (ID-4.10) Automated Monitoring	**Watershed** **Stream** **Site** **Turbidity: # Obs; # Exceedances** **Dissolved O_2: # Obs; # Exceedances** **pH: # Obs; # Exceedances** **Specific Conductance: # Obs** **Temperature: # Obs; # Exceedances** **# of Problems Detected**		Rocky River West Branch Rocky River MY1B 6,063; 1,537 5,973; 0 6,311; 0 5,005 7,129; 0 0	McDowell McDowell Creek MC4 6,111; 630 6,649; 0 6,704; 4 6,396 7,321; 0 0	Four Mile Four Mile Creek MC40D 6,525; 701 6,483; 14 6,605; 0 6,099 6,623; 0 2		Clear Clear Creek MY8 6,841; 1,377 6,722; 0 7,377; 0 6,819 7,719;0 0				
	Watershed **Stream** **Site** **Turbidity: # Obs; # Exceedances** **Dissolved O_2: # Obs; # Exceedances** **pH: # Obs; # Exceedances** **Specific Conductance: # Obs** **Temperature: # Obs; # Exceedances** **# of Problems Detected**			Gar Gar Creek MC50 6,736; 208 5,843; 7 7,689; 16 7,670 8,277; 0 0			Goose Goose Creek MY9 26,075; 869 18,139; 0 25,599; 1 29,025 31,493; 0 0				
	Watershed **Stream** **Site** **Turbidity: # Obs; # Exceedances** **Dissolved O_2: # Obs; # Exceedances** **pH: # Obs; # Exceedances** **Specific Conductance: # Obs** **Temperature: # Obs; # Exceedances** **# of Problems Detected**			Clarke Clarke Creek MY10 5,118; 1,145 5,409; 6 6,605; 0 5,800 7,734; 0 1							
	Total Sites **Total Observations** **Total Exceedances** **Total Problems Detected**		**1** **30,481** **1,537** **0**	**3** **100,062** **2,016** **1**	**1** **32,335** **715** **2**		**2** **165,809** **2,247** **0**				

#18 (ID-5) Pollution Prevention Education	Staff Trained									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Total Staff Trained	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**457**

#20 (ID-8) Stream Walks	Stream Walk Activities and Problems Logged in ARCGIS									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Stream Name(s)	N/A	N/A	Catawba River Trib. 3 & Other UTs	Unnamed Tributaries	McAlpine Creek, Sherman Branch, Clear Creek, McAlpine Creek Trib #6	Clear Creek Trib, Clear Creek and Other UTs	Little Sugar Creek, McAlpine Creek, and a Tributary to McMullen Creek	N/A	N/A	**N/A**
Stream Miles Walked	0	0	7.6	1.89	27.66	22.29	9.11	N/A	N/A	**68.55**
New Outfalls	0	0	0	0	0	15	6	N/A	N/A	**21**
Existing Outfalls Inspected	0	0	8	23	46	61	28	N/A	N/A	**166**
Dry Weather Flow Samples Collected	0	0	0	0	0	1	0	N/A	N/A	**1**
Number and Type of Exceedances	0	0	0	0	0	0	0	N/A	N/A	**0**
Problems Detected and Corrected	0	0	0	4	0	3	0	N/A	N/A	**7**
Buffer Violations	0	0	0	0	0	1	1	N/A	N/A	**2**
Channel Problems	0	0	0	1 Stream Blockage, 5 Points of Severe Erosion	2 Stream Blockages and 1 Beaver Dam	2 Stream Blockages and 1 Beaver Dam	1 Stream Blockage	N/A	N/A	**13**
Total Features Inventoried in ArcGIS	0	0	8	41	50	84	38	N/A	N/A	**221**
Number of CMSWS Staff Trained (enter in "total" column)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**31**

#21 (ID-9) Illicit Discharge Elimination Program (IDEP)	Penalty Reinspections									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Penalty Reinspections	0	0	0	0	0	0	0	0	0	**0**
Number of Violations Observed	0	0	0	0	0	0	0	0	0	**0**

#21 (ID-9) Illicit Discharge Elimination Program (IDEP)	Field Validated Outfall Data									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Inspections	67	42	386	89	299	102	64	N/A	N/A	**1049**
Number of Violations Observed	0	0	0	0	0	0	0	0	0	**0**

#22 (ID-U) Used Oil Facility Inspections	Used Oil Inspections									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Inspections	0	0	0	1	0	0	1	0	0	**2**
Number of Violaions Observed	0	0	0	0	0	0	0	0	0	**0**

#24 (CS-1) Erosion Control Inspections	Summary of Erosion Control Inspections									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Inspections	131	78	1024	157	N/A	204	51	N/A	N/A	**1645**
NOVs Issued	2	0	5	2	0	1	0	N/A	N/A	**10**
Repeat NOVs Issued	0	0	0	0	0	0	0	N/A	N/A	**0**
Penalties Assessed	1	0	0	0	0	0	0	N/A	N/A	**1**
Number of Acres Disturbed	608.7	382	249.14	219.48	N/A	529.36	435.883	N/A	N/A	**2,424.56**
Number of New Projects Permitted	N/A	N/A	50	N/A	N/A	N/A	N/A	N/A	N/A	**116**

#25 (CS-2) Erosion Control Education	Erosion Control Education									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Attendees of	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**335**
Number of Educational Materials Distributed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**335**

#28 (PC-2) BMPs Inspected	Types of BMPs Inspected									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Bioretention	27	26	109	1	5	7	2	58	1	**236**
Buffer	0	0	0	0	3	0	0	2	0	**5**
Dry Pond	14	3	95	9	1	2	2	28	2	**156**
Enhanced Grass Swale	0	0	0	0	0	0	0	0	0	**0**
Filter Strip	0	2	5	0	2	0	0	2	0	**11**
Grassed Channel	0	0	12	0	1	1	0	5	1	**20**
Infiltration Trench	0	2	3	0	0	0	0	0	0	**5**
Level Spreader	0	0	0	0	0	0	0	0	0	**0**
Open Space	0	2	0	3	0	0	0	12	3	**20**
Permeable Pavement	0	1	2	0	0	0	0	0	0	**3**
Sand Filter	10	6	96	10	0	1	2	20	1	**146**
Underground Detention	1	1	12	0	0	0	0	1	4	**19**
Underground Sand Filter	0	0	0	0	0	0	0	0	0	**0**
Stream Restoration	1	0	6	0	9	0	0	0	0	**16**
Wet Pond	17	3	43	3	10	1	1	18	2	**98**
Wetland	2	8	10	0	14	0	0	1	0	**35**
Total 3rd Party	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**480**
Total	**72**	**54**	**393**	**26**	**45**	**12**	**7**	**147**	**14**	**770**

#28 (PC-2) and #29 (PC-3) BMP Inspections and Education	Summary of BMP Inspections and Education									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Inspections	72	54	393	26	45	12	7	147	14	**770**
NOVs Issued	2	1	1	0	0	0	0	28	0	**32**
Repeat NOVs Issued	0	0	0	0	0	0	0	17	0	**17**
Number of Penalties Assessed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of Acres Disturbed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of New Projects Permitted	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of Educational Notices Distributed	3	1	12	1	0	3	3	0	0	23
Number of CMSWS Staff Trained (enter in "total" column)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3

#27 (PC-1) Post-Construction Ordinances	Number of Interpretations of Ordinance Requirements									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Total Number of Intepretations	1	6	9	4	0	4	0	0	0	**24**

#31 (PP-1) Municipal Operations Employee Training	Municipal Operations/Co-permittees Employee Training for Pollution Prevention and Good Housekeeping Program									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Municipal Employees Trained	10	11	12	27	N/A	13	40	63	58	**234**

#32 (PP-2) Implementing Inspection Program for Municipal Facilities

	Phase II Municipal Facility Inspection Recommendations (Recs.) and Deficiencies (Defs.)									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Number of Inspections Conducted	1	1	1	1	12	1	1	30	4	**52**
Stormwater System Recs & Defs.	0 0	0 0	0 0	0 0	0 0	0 0	0 0	3 0	0 0	**3** **0**
Erosion Issues Recs & Defs	0 0	0 0	0 0	0 0	0 0	0 0	0 0	12 0	1 0	**13** **0**
Stormwater Control Measures Recs & Defs	0 0	0 0	0 0	0 0	2 0	0 0	0 0	15 0	1 0	**18** **0**
Illicit Discharges/Connections Recs & Defs	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	**0** **0**
Aboveground Storage Tanks Recs & Defs	0 0	1 0	0 0	0 0	1 0	1 0	0 0	2 0	1 0	**6** **0**
Underground Storage Tanks Recs & Defs	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	**0** **0**
Outdoor Material Storage Areas Recs & Defs	0 0	0 0	0 0	0 0	2 0	0 0	0 0	4 0	1 0	**7** **0**
Outdoor Processing Areas Recs & Defs	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 0	0 0	**2** **0**
Loading/Unloading Areas Recs & DefsRecs & Defs	0 0	0 0	0 0	0 0	0 0	0 0	0 0	4 0	0 0	**4** **0**
Vehicle/Equipment Areas Recs & Defs	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 0	0 0	**1** **0**
Oil/Water Separator and/or Pretreatment Recs & Defs	0 0	0 0	0 0	0 0	1 0	0 0	0 0	2 0	0 0	**3** **0**
Waste Storage/Disposal Areas Recs & Defs	1 0	1 0	1 0	0 0	0 0	0 0	0 0	20 0	4 0	**27** **0**
Food Service Areas Recs & Defs	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	**0** **0**
Indoor Material Storage Areas Recs & Defs	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 0	0 0	**1** **0**
Indoor Processing Areas Recs & Defs	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	**0** **0**
Floor Drains Recs & Defs	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	**0** **0**
Spill Response Equipment Recs & Defs	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 0	0 0	**2** **0**
Total Facility Recs **Total Facility Defs**	**1** **0**	**2** **0**	**1** **0**	**0** **0**	**6** **0**	**1** **0**	**0** **0**	**68** **0**	**8** **0**	**87** **0**
SWPPP Recs **SWPPP Defs**	1 0	2 0	0 0	0 0	2 3	0 0	1 0	9 10	1 0	**16** **13**
Number of CMSWS Staff Trained (enter in "total" column)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**6**

#33 (PP-5) Maintaining a Current Inventory of Co-Permittee Facilities and Operations	New/Unique Phase II Municipal Parcels Identified and Recommended for PP-2 Inspection Schedule									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
New/Unique Parcels Identified	1	3	9	0	192	0	2	41	1	**249**
Parcels Recommended for PP-2 Inspection Schedule	0	0	0	0	0	0	2	4	0	**6**

#34 (PP-9) Evaluate Effectiveness of O&M Plans	Cost and Estimated Quantity of Reducing Polluted Stormwater Runoff from Municipally Owned Streets, Roads, and Public Parking Lots									
	Cornelius	Davidson	Huntersville	Matthews	Mecklenburg	Mint Hill	Pineville	CMS	CPCC	Total
Total Amount of Pollutants Removed (pounds)	150,000	4,000	290,640	816,000	N/A	350,000	326,000	N/A	N/A	**1,936,640**
Estimated Cost of Pollutants Removed (per pound)	$2	$1.13	$0.04	$0.21	N/A	$7	$1.17	N/A	N/A	**Total Cost: $3,318,926**
Under or Within Acceptable Pollutant Removal Range of $3-$5 per pound? (Yes/No)	Yes	Yes	Yes	Yes	N/A	No	Yes	N/A	N/A	**Yes. Average Cost $1.71**

Attachment 2: Status of Program Modifications Implemented FY2024

The table below provides the status of modifications to program activities implemented during FY2024 through the annual evaluation process.

#	Identified Improvement	Justification for Change & Desired Result	Work Plan Program Element	Responsible Staff	Status
Public Education and Outreach Program					
1.	Continue to grow our social media platforms (Facebook, Twitter, Instagram, and YouTube) to spread water quality education messaging and volunteer opportunities.	Improve educational outreach	PE-10	Ashley Smith	Social media channels grew by 400 followers in FY24.
2.	Continue bilingual engagement efforts such as exploring bilingual content on social media channels and translating handouts and implement recommendations from the Underserved Communities Reach Plan (UCRP).	Improve educational outreach	PE-10	Ashley Smith / Taylor Mebane	In FY24, two brochures, one best management practice sheet, and eight utility bill inserts were translated to Spanish.
3.	Continue the Safe Swim Education Campaign and investigate the addition of bilingual content.	Improve educational outreach	PE-10	Ashley Smith	In FY24, the safe swim campaign has over 2 million impressions through social media, billboard, online and radio advertisements.
4.	Reach students at schools in all six of the phase II municipalities.	Improve educational outreach	PE-10	Ashley Smith	K-12 educational presentations were given in all six of the towns, reaching 975 students.
Public Involvement and Participation Program					
5.	Promote Adopt-A Stream segments that have not been adopted in last 5 years. Investigate potential ad campaigns.	Increase public involvement	PI-2	Ashley Smith	Streams were promoted through the volunteer newsletter and when new volunteers signed up. As a result, five stream segments that had not been cleaned for over 5 years were adopted in FY2024: CLARKS-1, LSCT2, LSCT4-1, LSCT5-1, LSCT5-2. New AAS brochures were distributed online and at tabling events. Spanish brochures were distributed at Hispanic community events and partners.
6.	Promote Volunteer Monitoring Program with local colleges.	Increase engagement with local colleges while gathering valuable	VM-CO	Ashley Smith	Three events were conducted in local colleges resulting in increased volunteer

#	Identified Improvement	Justification for Change & Desired Result	Work Plan Program Element	Responsible Staff	Status
		data to improve our programs.			monitoring program activities.
7.	Investigate increasing engagement with residents on coves for Volunteer Monitoring program. Identify potential sampling methods and data needs.	Increase volunteers and engage with residents that live on coves.	VM-CO	Taylor Mebane	2 cove snapshot signs were placed at McDowell Nature Preserve and a boat ramp in Davidson.
8.	Review Big Spring Clean site locations to reach new areas of the county with the program.	Increase overall reach throughout county.	PE-I(4)	Taylor Mebane	A new site was added to the big spring clean at Enderly Park in Charlotte to incorporate a site in an underserved community and address an area with excessive trash.
9.	Investigate Storm Drain Marking high school competition.	Increase volunteers and increase engagement with schools.	PI-3	Ashley Smith	The storm drain marking competition took place in April 2024. Seven groups competed and 235 storm drains were marked.
Illicit Discharge Detection and Elimination (IDDE) Program					
10.	Using the Fecal Bacteria Watershed Prioritization Matrix, implement identified strategies to reduce fecal pollution.	Identification and elimination of fecal pollution sources.	ID-4.7	Robert Sowah	Pilot effort was completed in the Upper Little Sugar Creek in Charlotte that will inform efforts to reduce fecal levels in Phase II watersheds in FY25.
Construction Site Storm Water Runoff Control Program					
11.	Continue working on updating the Erosion Control Ordinances.	Enhance protection.	CS-2	Corey Priddy	This has been put on hold until FY25 due to staffing issues not allowing time to work on the Ordinance.
12.	Have all Erosion and Sedimentation Control Penalties routed to NCDEQ as the law now requires. (Monies are currently being held in a fund to be sent to NCDEQ.)	Comply with State law.	CS-2	Corey Priddy	It was found that NCDEQ will have to become a vendor with Mecklenburg County to have the monies sent to them. Additional work will be needed in FY25 to accomplish this.
13.	Complete the updates to the Enhanced Erosion Control Measures.	Enhance protection.	CS-2	Corey Priddy	Updates were sent between the Town of Huntersville, City of Charlotte and Mecklenburg County but have stalled in getting agreements between the three entities. Will be

#	Identified Improvement	Justification for Change & Desired Result	Work Plan Program Element	Responsible Staff	Status
					added to Chanell's work plan in FY25.
Post-Construction Site Storm Water Runoff Control Program					
14.	Continue working on obtaining 3rd party inspection reports. Increase the number received from the 260 received in FY2023.	Increase number of inspections.	PC-2	Corey Priddy	480 3rd party inspections were submitted and entered in FY24. This is an increase of 85% from FY23.
15.	Continue working with the Towns to see about changing the Watershed Ordinance.	Increase inspections of problem BMPs.	PC-1	Rusty Rozzelle	Completed.
Pollution Prevention & Good House Keeping Program					
16.	Inspect one (1) golf course located on County property per year as opposed to doing all five (5) during the same fiscal year.	Decrease inspection deficiencies.	PP-2	Julianna Hawley	The Dr. Charles Sifford golf course at Revolution Park was inspected in FY24. At least one golf course will be inspected annually in order to have a consistent presence.
Total Maximum Daily Loads (TMDL)					
17.	Routine fixed interval monitoring will continue to be performed in the TMDL watersheds by CMSWS. Exceedances of established water quality watch and action levels will be identified and follow up actions conducted as necessary for the identification and elimination of pollution sources	Comply with TMDL by identifying and eliminate sources of elevated fecal coliform bacteria.	ID-4.1	Alex Hattaway	Fixed interval monitoring was completed on a monthly basis in FY24. No exceedances were identified in the Phase 2 jurisdictions and therefore no follow-up actions were completed.
18.	CMSWS will complete a review of Health Department records to determine where failed septic systems have been identified in both the Rocky River and Goose Creek TMDL watersheds. Follow up inspections and monitoring will be performed as necessary to ensure the elimination of sources of fecal coliform bacteria associated with failed septic systems thereby addressing impaired waters.	Comply with TMDL by identifying and eliminate sources of elevated fecal coliform bacteria.	IW-2(e)	John Thao	Septic data from Public Health were received on July 10th, 2024. No significant septic NOV trends were observed within the Goose Creek or Rocky River TMDL watershed. Three (3) septic NOVs were issued by Public Health in Goose Creek and zero septic NOV were issued in Rocky River for FY24.
19.	Major outfalls will be inspected in the Rocky River TMDL watershed. Dry weather flows will be identified, and pollution sources eliminated thereby addressing impaired waters.	Comply with TMDL by identifying and eliminate sources of elevated fecal coliform bacteria.	IW-2(g)	John Thao	Outfalls associated with the Rocky River TMDL watershed were inspected and sampled on October 3rd, 2023. Continuation of major outfall inspections and surface water sampling

#	Identified Improvement	Justification for Change & Desired Result	Work Plan Program Element	Responsible Staff	Status
					within the Rocky River TMDL watershed basin.
20.	Privately owned and permitted sewer lift stations in the Goose Creek watershed will be inspected.	Comply with TMDL by identifying and eliminate sources of elevated fecal coliform bacteria.	IW-2(l)	John Thao	Three (3) lift stations within Goose Creek were inspected and completed by May 31st, 2024. No discharges were observed in FY24.
21.	Targeted surface water sampling will be performed in headwater areas of the Goose Creek watershed to further delineate sources of fecal coliform to the system.	Comply with TMDL by identifying and eliminate sources of elevated fecal coliform bacteria.	IW-2(m)	John Thao	Continuation of surface water sampling to identify potential septic influence on fecal coliform within the Goose creek watershed. A report detailing sampling results and program assessment were included in the FY24 annual report.
22.	An evaluation of the McDowell Creek Watershed Management Plan will be performed which will include a review of plan goals and objectives, implementation of these objectives, goal attainment, plan gaps, limitations, and challenges. A summary of the findings from this evaluation will be created.	Identify watershed management strategies that are success in restoring watershed health and make recommendations for improvement to existing watershed management plans.	SWIM Phase II - McDowell	Robert Sowah	A report detailing progress made, watershed changes and recommended adjustments to management will be completed in October of FY2025

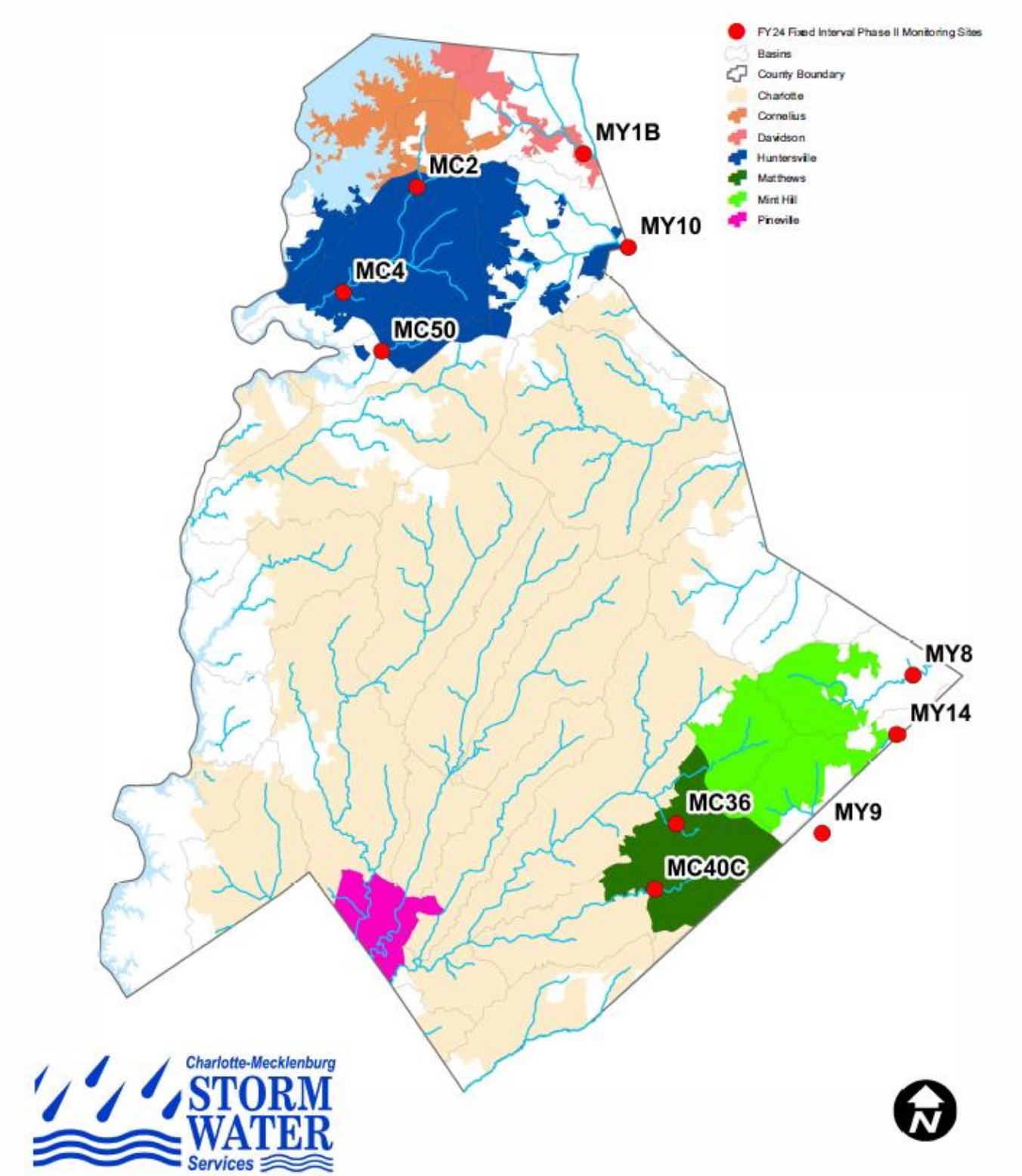
Attachment 3: Modifications to the Program for Implementation FY2025

The table below identifies the modifications to program activities to be implemented in FY2025 through the annual evaluation process.

#	Identified Improvement	Justification for Change & Desired Result	Program Element	Responsible Staff	Schedule
Public Education and Outreach Program					
1.	Explore opportunities for public presentations in all six towns.	Improve educational outreach	PE-10	Audrey Sykes-Meyer	End of fiscal year
2.	Reach students through presentations at schools in all six towns.	Improve educational outreach	PE-10	Audrey Sykes-Meyer	End of fiscal year
3.	Investigate options for bilingual content on social media channels.	Improve educational outreach	PE-10	Audrey Sykes-Meyer/Taylor Mebane	End of fiscal year
4.	Discontinue the use of increasing awareness and increasing extent of exposure as measures of success and continuing the use of documentation of completion of Stormwater Program activities (see Section 5.8 of SWMP).	Improve measure of success	PE-9	Audrey Sykes-Meyer/Taylor Mebane	End of fiscal year
Public Involvement and Participation Program					
5.	Expand the Adopt-A-Drain program in all six towns.	Increase public involvement	PI-2	Ashley Smith	End of fiscal year
6.	Increase storm drain marking efforts in all six towns.	Increase public involvement	PI-3	Audrey Sykes-Meyer	End of fiscal year
7.	Investigate ways to increase participation in the Storm Drain Marking Competition.	Increase public involvement	PI-3	Audrey Sykes-Meyer	End of fiscal year
8.	Discontinue the use of increasing number of volunteers as a measure of success and continuing the use of documentation of completion of Stormwater Program activities (see Section 6.6 of SWMP)..	Improve measure of success	PE-I(14)	Audrey Sykes-Meyer	End of fiscal year
Illicit Discharge Detection and Elimination (IDDE) Program					
9.	Discontinue the use of increasing pollution problems identified and decreasing repeat violators as measures of success and continuing the use of documentation of completion of Stormwater Program activities (see Section 7.10 of SWMP).	Improve measure of success	ID-10	Ryan Spidel	End of fiscal year
Construction Site Storm Water Runoff Control Program					
10.	Increase the total number of erosion control inspections from the previous fiscal year at 627 inspections.	Improve compliance	CS-1	Chanell Hatch	End of fiscal year

#	Identified Improvement	Justification for Change & Desired Result	Program Element	Responsible Staff	Schedule
11.	Update the current, 2008 Soil Erosion and Sedimentation Control Ordinance.	Stay up to date with the state's ordinance	CS-1	Chanell Hatch	End of fiscal year
12.	Make the state a vendor to be able to collect erosion control penalties that we are collecting.	Update the process with the state	CS-1	Chanell Hatch	End of fiscal year
13.	Discontinue the use of improving erosion control compliance as a measure of success and continuing the use of documentation of completion of Stormwater Program activities (see Section 8.11 of SWMP).	Improve measure of success	CS-3	Corey Priddy	End of fiscal year
Post-Construction Site Storm Water Runoff Control Program					
14.	Increase number of 3rd party inspections completed by owners from previous year (FY2024 = 480).	Improve compliance	PC-2	Jeff Zambanini	End of fiscal year
15.	Increase follow-up inspections following a Notice of Maintenance Required and/or a Notice of Violation (FY2024 = 24).	Improve compliance	PC-2	Jeff Zambanini	End of fiscal year
16.	Increase the number of SCM educational material distributed (FY2024 = 23)	Improve awareness and compliance	PC-2	Jeff Zambanini	End of fiscal year
17.	Discontinue the use of improving BMP compliance as a measure of success and continuing the use of documentation of completion of Stormwater Program activities (see Section 9.14 of SWMP).	Improve measure of success	PC-5	Corey Priddy	End of fiscal year
Pollution Prevention & Good House Keeping Program					
18.	Work with the Pollution Prevention team to incorporate deficiencies, repeat recommendations, and other notable recommendations from facility inspections into site-specific training.	Improve awareness and compliance	PP-1 and PP-2	Julianna Hawley and Matthew Peine	End of fiscal year
19.	Review, update, and redistribute O&M Plans.	Improve compliance	PP-2	Julianna Hawley	End of fiscal year
20.	Discontinue the use of improving pollution prevention and good housekeeping as a measure of success and continuing the use of documentation of completion of Stormwater Program activities (see Section 10.16 of SWMP).	Improve measure of success	PP-9	Julianna Hawley	End of fiscal year

Attachment 4: Fixed Interval Monitoring (FIM) Sites



Attachment 5: FIM Results

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
7/18/2023 11:05:00 AM	Total Suspended Solids	5	mg/L	MC2	Birkdale Golf Course	<	5.0	No
7/18/2023 11:05:00 AM	Fecal Coliform	510	CFU/100 ml	MC2	Birkdale Golf Course		10	No
7/18/2023 11:05:00 AM	Nitrate/Nitrite	0.33	mg/L	MC2	Birkdale Golf Course		0.05	No
7/18/2023 11:05:00 AM	E. Coli	580	MPN/100 ml	MC2	Birkdale Golf Course		1	No
7/18/2023 11:05:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	No
7/18/2023 11:05:00 AM	Turbidity	4.9	NTU	MC2	Birkdale Golf Course		0.50	No
7/18/2023 11:05:00 AM	Total Phosphorus	0.031	mg/L	MC2	Birkdale Golf Course		0.010	No
7/18/2023 11:05:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC2	Birkdale Golf Course	<	0.25	No
7/18/2023 11:05:00 AM	Suspended Sediment Concentration	4.1	mg/L	MC2	Birkdale Golf Course	<	4.1	No
7/18/2023 11:05:00 AM	Nickel	2	ug/L	MC2	Birkdale Golf Course	<	2.0	No
7/18/2023 11:05:00 AM	Chromium	5	ug/L	MC2	Birkdale Golf Course	<	5.0	No
7/18/2023 11:05:00 AM	Hardness	57	mg/L	MC2	Birkdale Golf Course		1.0	No
7/18/2023 11:05:00 AM	Calcium	17000	ug/L	MC2	Birkdale Golf Course		500	No
7/18/2023 11:05:00 AM	Magnesium	3600	ug/L	MC2	Birkdale Golf Course		500	No
7/18/2023 11:05:00 AM	Copper	2	ug/L	MC2	Birkdale Golf Course	<	2.0	No
7/18/2023 11:05:00 AM	Lead	0.5	ug/L	MC2	Birkdale Golf Course	<	0.50	No
7/18/2023 11:05:00 AM	Zinc	10	ug/L	MC2	Birkdale Golf Course	<	10	No
8/15/2023 10:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	No
8/15/2023 10:50:00 AM	Nitrate/Nitrite	0.34	mg/L	MC2	Birkdale Golf Course		0.05	No
8/15/2023 10:50:00 AM	Turbidity	3.9	NTU	MC2	Birkdale Golf Course		0.50	No
8/15/2023 10:50:00 AM	Fecal Coliform	435	CFU/100 ml	MC2	Birkdale Golf Course		10	No
8/15/2023 10:50:00 AM	E. Coli	308	MPN/100 ml	MC2	Birkdale Golf Course		1	No
8/15/2023 10:50:00 AM	Suspended Sediment Concentration	4.2	mg/L	MC2	Birkdale Golf Course	<	4.2	No
8/15/2023 10:50:00 AM	Total Suspended Solids	5	mg/L	MC2	Birkdale Golf Course	<	5.0	No
8/15/2023 10:50:00 AM	Total Phosphorus	0.033	mg/L	MC2	Birkdale Golf Course		0.010	No
8/15/2023 10:50:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC2	Birkdale Golf Course	<	0.25	No
8/15/2023 10:50:00 AM	Copper	2	ug/L	MC2	Birkdale Golf Course	<	2.0	No
8/15/2023 10:50:00 AM	Hardness	50	mg/L	MC2	Birkdale Golf Course		1.0	No
8/15/2023 10:50:00 AM	Magnesium	3100	ug/L	MC2	Birkdale Golf Course		1000	No
8/15/2023 10:50:00 AM	Calcium	15000	ug/L	MC2	Birkdale Golf Course		1000	No
9/19/2023 11:20:00 AM	Fecal Coliform	470	CFU/100 ml	MC2	Birkdale Golf Course		10	Yes
9/19/2023 11:20:00 AM	E. Coli	580	MPN/100 ml	MC2	Birkdale Golf Course		1	Yes
9/19/2023 11:20:00 AM	Turbidity	3.3	NTU	MC2	Birkdale Golf Course		0.50	Yes
9/19/2023 11:20:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	Yes
9/19/2023 11:20:00 AM	Total Suspended	5	mg/L	MC2	Birkdale Golf Course	<	5.0	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
	Solids							
9/19/2023 11:20:00 AM	Total Phosphorus	0.027	mg/L	MC2	Birkdale Golf Course		0.010	Yes
9/19/2023 11:20:00 AM	Nitrate/Nitrite	0.26	mg/L	MC2	Birkdale Golf Course		0.05	Yes
9/19/2023 11:20:00 AM	Suspended Sediment Concentration	4.2	mg/L	MC2	Birkdale Golf Course	<	4.2	Yes
9/19/2023 11:20:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC2	Birkdale Golf Course	<	0.25	Yes
9/19/2023 11:20:00 AM	Magnesium	3200	ug/L	MC2	Birkdale Golf Course		1000	Yes
9/19/2023 11:20:00 AM	Hardness	51	mg/L	MC2	Birkdale Golf Course		1.0	Yes
9/19/2023 11:20:00 AM	Calcium	15000	ug/L	MC2	Birkdale Golf Course		1000	Yes
9/19/2023 11:20:00 AM	Copper	2	ug/L	MC2	Birkdale Golf Course	<	2.0	Yes
10/17/2023 10:55:00 AM	E. Coli	420	MPN/100 ml	MC2	Birkdale Golf Course		10	No
10/17/2023 10:55:00 AM	Turbidity	4.7	NTU	MC2	Birkdale Golf Course		0.50	No
10/17/2023 10:55:00 AM	Fecal Coliform	600	CFU/100 ml	MC2	Birkdale Golf Course		20	No
10/17/2023 10:55:00 AM	Suspended Sediment Concentration	4.3	mg/L	MC2	Birkdale Golf Course	<	4.3	No
10/17/2023 10:55:00 AM	Nitrate/Nitrite	0.2	mg/L	MC2	Birkdale Golf Course		0.05	No
10/17/2023 10:55:00 AM	Total Suspended Solids	5	mg/L	MC2	Birkdale Golf Course	<	5.0	No
10/17/2023 10:55:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	No
10/17/2023 10:55:00 AM	Total Phosphorus	0.034	mg/L	MC2	Birkdale Golf Course		0.010	No
10/17/2023 10:55:00 AM	Magnesium	3000	ug/L	MC2	Birkdale Golf Course		1000	No
10/17/2023 10:55:00 AM	Calcium	14000	ug/L	MC2	Birkdale Golf Course		1000	No
10/17/2023 10:55:00 AM	Hardness	47	mg/L	MC2	Birkdale Golf Course		1.0	No
10/17/2023 10:55:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC2	Birkdale Golf Course	<	0.25	No
10/17/2023 10:55:00 AM	Lead	0.5	ug/L	MC2	Birkdale Golf Course	<	0.50	No
10/17/2023 10:55:00 AM	Chromium	5	ug/L	MC2	Birkdale Golf Course	<	5.0	No
10/17/2023 10:55:00 AM	Zinc	10	ug/L	MC2	Birkdale Golf Course	<	10	No
10/17/2023 10:55:00 AM	Nickel	2	ug/L	MC2	Birkdale Golf Course	<	2.0	No
10/17/2023 10:55:00 AM	Copper	2	ug/L	MC2	Birkdale Golf Course	<	2.0	No
11/21/2023 10:50:00 AM	Nitrate/Nitrite	0.32	mg/L	MC2	Birkdale Golf Course		0.05	Yes
11/21/2023 10:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	Yes
11/21/2023 10:50:00 AM	Turbidity	100	NTU	MC2	Birkdale Golf Course		0.50	Yes
11/21/2023 10:50:00 AM	E. Coli	14010	MPN/100 ml	MC2	Birkdale Golf Course		100	Yes
11/21/2023 10:50:00 AM	Fecal Coliform	11600	CFU/100 ml	MC2	Birkdale Golf Course		100	Yes
11/21/2023 10:50:00 AM	Total Suspended Solids	137	mg/L	MC2	Birkdale Golf Course		18.5	Yes
11/21/2023 10:50:00 AM	Suspended Sediment	160	mg/L	MC2	Birkdale Golf Course		3.9	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
	Concentration							
11/21/2023 10:50:00 AM	Total Phosphorus	0.27	mg/L	MC2	Birkdale Golf Course		0.10	Yes
11/21/2023 10:50:00 AM	Hardness	28	mg/L	MC2	Birkdale Golf Course		1.0	Yes
11/21/2023 10:50:00 AM	Calcium	7500	ug/L	MC2	Birkdale Golf Course		1000	Yes
11/21/2023 10:50:00 AM	Total Kjeldahl Nitrogen	0.94	mg/L	MC2	Birkdale Golf Course		0.25	Yes
11/21/2023 10:50:00 AM	Copper	3.5	ug/L	MC2	Birkdale Golf Course		2.0	Yes
11/21/2023 10:50:00 AM	Magnesium	2200	ug/L	MC2	Birkdale Golf Course		1000	Yes
11/21/2023 11:05:00 AM	Nitrate/Nitrite	0.29	mg/L	MC2	Birkdale Golf Course Replicate		0.05	Yes
11/21/2023 11:05:00 AM	E. Coli	11060	MPN/100 ml	MC2	Birkdale Golf Course (Replicate)		100	Yes
11/21/2023 11:05:00 AM	Turbidity	100	NTU	MC2	Birkdale Golf Course Replicate		0.50	Yes
11/21/2023 11:05:00 AM	Fecal Coliform	15400	CFU/100 ml	MC2	Birkdale Golf Course (Replicate)		100	Yes
11/21/2023 11:05:00 AM	Total Suspended Solids	131	mg/L	MC2	Birkdale Golf Course Replicate		18.5	Yes
11/21/2023 11:05:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course Replicate	<	0.10	Yes
11/21/2023 11:05:00 AM	Suspended Sediment Concentration	160	mg/L	MC2	Birkdale Golf Course Replicate		3.9	Yes
11/21/2023 11:05:00 AM	Total Phosphorus	0.28	mg/L	MC2	Birkdale Golf Course Replicate		0.10	Yes
11/21/2023 11:05:00 AM	Calcium	7300	ug/L	MC2	Birkdale Golf Course Replicate		1000	Yes
11/21/2023 11:05:00 AM	Magnesium	2200	ug/L	MC2	Birkdale Golf Course Replicate		1000	Yes
11/21/2023 11:05:00 AM	Total Kjeldahl Nitrogen	0.95	mg/L	MC2	Birkdale Golf Course Replicate		0.25	Yes
11/21/2023 11:05:00 AM	Copper	2.9	ug/L	MC2	Birkdale Golf Course Replicate		2.0	Yes
11/21/2023 11:05:00 AM	Hardness	27	mg/L	MC2	Birkdale Golf Course Replicate		1.0	Yes
12/19/2023 10:55:00 AM	Nitrate/Nitrite	0.35	mg/L	MC2	Birkdale Golf Course		0.05	Yes
12/19/2023 10:55:00 AM	E. Coli	980	MPN/100 ml	MC2	Birkdale Golf Course		100	Yes
12/19/2023 10:55:00 AM	Total Suspended Solids	17.6	mg/L	MC2	Birkdale Golf Course		5.0	Yes
12/19/2023 10:55:00 AM	Suspended Sediment Concentration	13	mg/L	MC2	Birkdale Golf Course		3.9	Yes
12/19/2023 10:55:00 AM	Fecal Coliform	750	CFU/100 ml	MC2	Birkdale Golf Course		100	Yes
12/19/2023 10:55:00 AM	Turbidity	55	NTU	MC2	Birkdale Golf Course		0.50	Yes
12/19/2023 10:55:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	Yes
12/19/2023 10:55:00 AM	Total Phosphorus	0.052	mg/L	MC2	Birkdale Golf Course		0.010	Yes
12/19/2023 10:55:00 AM	Total Kjeldahl Nitrogen	0.32	mg/L	MC2	Birkdale Golf Course		0.25	Yes
12/19/2023 10:55:00 AM	Magnesium	2100	ug/L	MC2	Birkdale Golf Course		1000	Yes
12/19/2023 10:55:00 AM	Calcium	8700	ug/L	MC2	Birkdale Golf Course		1000	Yes
12/19/2023 10:55:00	Hardness	30	mg/L	MC2	Birkdale Golf Course		1.0	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
AM								
12/19/2023 10:55:00 AM	Copper	2	ug/L	MC2	Birkdale Golf Course	<	2.0	Yes
1/16/2024 11:05:00 AM	E. Coli	1730	MPN/100 ml	MC2	Birkdale Golf Course		100	Yes
1/16/2024 11:05:00 AM	Fecal Coliform	1440	CFU/100 ml	MC2	Birkdale Golf Course		100	Yes
1/16/2024 11:05:00 AM	Lead	0.5	ug/L	MC2	Birkdale Golf Course	<	0.50	Yes
1/16/2024 11:05:00 AM	Total Phosphorus	0.06	mg/L	MC2	Birkdale Golf Course		0.010	Yes
1/16/2024 11:05:00 AM	Calcium	7800	ug/L	MC2	Birkdale Golf Course		1000	Yes
1/16/2024 11:05:00 AM	Magnesium	1900	ug/L	MC2	Birkdale Golf Course		1000	Yes
1/16/2024 11:05:00 AM	Turbidity	45	NTU	MC2	Birkdale Golf Course		0.50	Yes
1/16/2024 11:05:00 AM	Copper	2.2	ug/L	MC2	Birkdale Golf Course		2.0	Yes
1/16/2024 11:05:00 AM	Nickel	2	ug/L	MC2	Birkdale Golf Course	<	2.0	Yes
1/16/2024 11:05:00 AM	Suspended Sediment Concentration	35	mg/L	MC2	Birkdale Golf Course		4.0	Yes
1/16/2024 11:05:00 AM	Nitrate/Nitrite	0.41	mg/L	MC2	Birkdale Golf Course		0.05	Yes
1/16/2024 11:05:00 AM	Chromium	5	ug/L	MC2	Birkdale Golf Course	<	5.0	Yes
1/16/2024 11:05:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	Yes
1/16/2024 11:05:00 AM	Total Kjeldahl Nitrogen	0.47	mg/L	MC2	Birkdale Golf Course		0.25	Yes
1/16/2024 11:05:00 AM	Zinc	10	ug/L	MC2	Birkdale Golf Course	<	10	Yes
1/16/2024 11:05:00 AM	Total Suspended Solids	37.7	mg/L	MC2	Birkdale Golf Course		8.3	Yes
1/16/2024 11:05:00 AM	Hardness	27	mg/L	MC2	Birkdale Golf Course		1.0	Yes
2/20/2024 10:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	No
2/20/2024 10:50:00 AM	Nitrate/Nitrite	0.51	mg/L	MC2	Birkdale Golf Course		0.05	No
2/20/2024 10:50:00 AM	Total Suspended Solids	5	mg/L	MC2	Birkdale Golf Course	<	5.0	No
2/20/2024 10:50:00 AM	Fecal Coliform	210	CFU/100 ml	MC2	Birkdale Golf Course		10	No
2/20/2024 10:50:00 AM	E. Coli	299	MPN/100 ml	MC2	Birkdale Golf Course		1	No
2/20/2024 10:50:00 AM	Turbidity	7.8	NTU	MC2	Birkdale Golf Course		0.50	No
2/20/2024 10:50:00 AM	Suspended Sediment Concentration	3.9	mg/L	MC2	Birkdale Golf Course	<	3.9	No
2/20/2024 10:50:00 AM	Total Phosphorus	0.019	mg/L	MC2	Birkdale Golf Course		0.010	No
2/20/2024 10:50:00 AM	Calcium	15000	ug/L	MC2	Birkdale Golf Course		1000	No
2/20/2024 10:50:00 AM	Hardness	52	mg/L	MC2	Birkdale Golf Course		1.0	No
2/20/2024 10:50:00 AM	Magnesium	3500	ug/L	MC2	Birkdale Golf Course		1000	No
2/20/2024 10:50:00 AM	Copper	2	ug/L	MC2	Birkdale Golf Course	<	2.0	No
2/20/2024 10:50:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC2	Birkdale Golf Course	<	0.25	No
3/19/2024 10:40:00 AM	Total Phosphorus	0.041	mg/L	MC2	Birkdale Golf Course		0.010	No
3/19/2024 10:40:00 AM	Turbidity	18	NTU	MC2	Birkdale Golf Course		0.50	No
3/19/2024 10:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	No
3/19/2024 10:40:00 AM	Suspended Sediment Concentration	11	mg/L	MC2	Birkdale Golf Course		3.8	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
3/19/2024 10:40:00 AM	Nitrate/Nitrite	0.44	mg/L	MC2	Birkdale Golf Course		0.05	No
3/19/2024 10:40:00 AM	E. Coli	384	MPN/100 ml	MC2	Birkdale Golf Course		10	No
3/19/2024 10:40:00 AM	Fecal Coliform	308	CFU/100 ml	MC2	Birkdale Golf Course		20	No
3/19/2024 10:40:00 AM	Total Suspended Solids	11	mg/L	MC2	Birkdale Golf Course		5.0	No
3/19/2024 10:40:00 AM	Copper	2	ug/L	MC2	Birkdale Golf Course	<	2.0	No
3/19/2024 10:40:00 AM	Total Kjeldahl Nitrogen	0.4	mg/L	MC2	Birkdale Golf Course		0.25	No
3/19/2024 10:40:00 AM	Calcium	13000	ug/L	MC2	Birkdale Golf Course		1000	No
3/19/2024 10:40:00 AM	Magnesium	3200	ug/L	MC2	Birkdale Golf Course		1000	No
3/19/2024 10:40:00 AM	Hardness	46	mg/L	MC2	Birkdale Golf Course		1.0	No
4/16/2024 10:15:00 AM	Fecal Coliform	460	CFU/100 ml	MC2	Birkdale Golf Course		10	No
4/16/2024 10:15:00 AM	Nitrate/Nitrite	0.36	mg/L	MC2	Birkdale Golf Course		0.05	No
4/16/2024 10:15:00 AM	E. Coli	411	MPN/100 ml	MC2	Birkdale Golf Course		1	No
4/16/2024 10:15:00 AM	Total Suspended Solids	5	mg/L	MC2	Birkdale Golf Course	<	5.0	No
4/16/2024 10:15:00 AM	Turbidity	4.4	NTU	MC2	Birkdale Golf Course		0.50	No
4/16/2024 10:15:00 AM	Total Phosphorus	0.024	mg/L	MC2	Birkdale Golf Course		0.010	No
4/16/2024 10:15:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	No
4/16/2024 10:15:00 AM	Suspended Sediment Concentration	4.3	mg/L	MC2	Birkdale Golf Course	<	4.3	No
4/16/2024 10:15:00 AM	Nickel	2	ug/L	MC2	Birkdale Golf Course	<	2.0	No
4/16/2024 10:15:00 AM	Zinc	10	ug/L	MC2	Birkdale Golf Course	<	10	No
4/16/2024 10:15:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC2	Birkdale Golf Course	<	0.25	No
4/16/2024 10:15:00 AM	Lead	0.5	ug/L	MC2	Birkdale Golf Course	<	0.50	No
4/16/2024 10:15:00 AM	Chromium	5	ug/L	MC2	Birkdale Golf Course	<	5.0	No
4/16/2024 10:15:00 AM	Copper	2	ug/L	MC2	Birkdale Golf Course	<	2.0	No
4/16/2024 10:15:00 AM	Calcium	17000	ug/L	MC2	Birkdale Golf Course		1000	No
4/16/2024 10:15:00 AM	Magnesium	3900	ug/L	MC2	Birkdale Golf Course		1000	No
4/16/2024 10:15:00 AM	Hardness	58	mg/L	MC2	Birkdale Golf Course		1.0	No
5/21/2024 10:45:00 AM	Nitrate/Nitrite	0.42	mg/L	MC2	Birkdale Golf Course		0.05	Yes
5/21/2024 10:45:00 AM	E. Coli	473	MPN/100 ml	MC2	Birkdale Golf Course		10	Yes
5/21/2024 10:45:00 AM	Turbidity	15	NTU	MC2	Birkdale Golf Course		0.50	Yes
5/21/2024 10:45:00 AM	Fecal Coliform	460	CFU/100 ml	MC2	Birkdale Golf Course		20	Yes
5/21/2024 10:45:00 AM	Magnesium	2700	ug/L	MC2	Birkdale Golf Course		1000	Yes
5/21/2024 10:45:00 AM	Hardness	44	mg/L	MC2	Birkdale Golf Course		1.0	Yes
5/21/2024 10:45:00 AM	Copper	2	ug/L	MC2	Birkdale Golf Course		2.0	Yes
5/21/2024 10:45:00 AM	Total Kjeldahl Nitrogen	0.34	mg/L	MC2	Birkdale Golf Course		0.25	Yes
5/21/2024 10:45:00 AM	Total Suspended Solids	9.6	mg/L	MC2	Birkdale Golf Course		5.0	Yes
5/21/2024 10:45:00 AM	Calcium	13000	ug/L	MC2	Birkdale Golf Course		1000	Yes
5/21/2024 10:45:00 AM	Total Phosphorus	0.041	mg/L	MC2	Birkdale Golf Course		0.010	Yes
5/21/2024 10:45:00 AM	Suspended	6	mg/L	MC2	Birkdale Golf Course		4.3	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
	Sediment Concentration							
5/21/2024 10:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	Yes
6/18/2024 10:40:00 AM	E. Coli	614	MPN/100 ml	MC2	Birkdale Golf Course		1	No
6/18/2024 10:40:00 AM	Fecal Coliform	600	CFU/100 ml	MC2	Birkdale Golf Course		10	No
6/18/2024 10:40:00 AM	Turbidity	3.9	NTU	MC2	Birkdale Golf Course		0.50	No
6/18/2024 10:40:00 AM	Nitrate/Nitrite	0.34	mg/L	MC2	Birkdale Golf Course		0.05	No
6/18/2024 10:40:00 AM	Total Phosphorus	0.028	mg/L	MC2	Birkdale Golf Course		0.010	No
6/18/2024 10:40:00 AM	Total Suspended Solids	5	mg/L	MC2	Birkdale Golf Course	<	5.0	No
6/18/2024 10:40:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC2	Birkdale Golf Course	<	0.25	No
6/18/2024 10:40:00 AM	Suspended Sediment Concentration	3.8	mg/L	MC2	Birkdale Golf Course	<	3.8	No
6/18/2024 10:40:00 AM	Magnesium	3500	ug/L	MC2	Birkdale Golf Course		1000	No
6/18/2024 10:40:00 AM	Hardness	56	mg/L	MC2	Birkdale Golf Course		1.0	No
6/18/2024 10:40:00 AM	Calcium	17000	ug/L	MC2	Birkdale Golf Course		1000	No
6/18/2024 10:40:00 AM	Copper	2	ug/L	MC2	Birkdale Golf Course	<	2.0	No
6/18/2024 10:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC2	Birkdale Golf Course	<	0.10	No
7/18/2023 10:40:00 AM	Fecal Coliform	330	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		10	No
7/18/2023 10:40:00 AM	Total Suspended Solids	5.6	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		5.0	No
7/18/2023 10:40:00 AM	E. Coli	105	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		1	No
7/18/2023 10:40:00 AM	Ammonia-Nitrogen	0.12	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.10	No
7/18/2023 10:40:00 AM	Nitrate/Nitrite	0.12	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	No
7/18/2023 10:40:00 AM	Total Phosphorus	0.055	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	No
7/18/2023 10:40:00 AM	Turbidity	12	NTU	MC36	Sam Newell Rd., West of US 74(Culvert)		0.50	No
7/18/2023 10:40:00 AM	Total Kjeldahl Nitrogen	0.36	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.25	No
7/18/2023 10:40:00 AM	Suspended Sediment Concentration	4	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	4.0	No
7/18/2023 10:40:00 AM	Nickel	2	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	2.0	No
7/18/2023 10:40:00 AM	Chromium	5	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	5.0	No
7/18/2023 10:40:00 AM	Magnesium	3500	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		500	No
7/18/2023 10:40:00 AM	Copper	2.9	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		2.0	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
7/18/2023 10:40:00 AM	Zinc	10	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	10	No
7/18/2023 10:40:00 AM	Lead	0.5	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.50	No
7/18/2023 10:40:00 AM	Hardness	44	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1.0	No
7/18/2023 10:40:00 AM	Calcium	12000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		500	No
8/15/2023 9:25:00 AM	Nitrate/Nitrite	0.12	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	No
8/15/2023 9:25:00 AM	Ammonia-Nitrogen	0.11	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.10	No
8/15/2023 9:25:00 AM	Fecal Coliform	280	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		10	No
8/15/2023 9:25:00 AM	Suspended Sediment Concentration	7.7	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		4.5	No
8/15/2023 9:25:00 AM	Turbidity	22	NTU	MC36	Sam Newell Rd., West of US 74(Culvert)		0.50	No
8/15/2023 9:25:00 AM	E. Coli	262	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		1	No
8/15/2023 9:25:00 AM	Total Kjeldahl Nitrogen	0.43	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.25	No
8/15/2023 9:25:00 AM	Total Phosphorus	0.076	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	No
8/15/2023 9:25:00 AM	Total Suspended Solids	11.4	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		5.0	No
8/15/2023 9:25:00 AM	Copper	2	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	2.0	No
8/15/2023 9:25:00 AM	Hardness	51	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1.0	No
8/15/2023 9:25:00 AM	Magnesium	3900	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
8/15/2023 9:25:00 AM	Calcium	14000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
8/15/2023 9:30:00 AM	Nitrate/Nitrite	0.12	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert) (Replicate)		0.05	No
8/15/2023 9:30:00 AM	Fecal Coliform	410	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert) Replicate		10	No
8/15/2023 9:30:00 AM	Turbidity	22	NTU	MC36	Sam Newell Rd., West of US 74(Culvert) (Replicate)		0.50	No
8/15/2023 9:30:00 AM	Suspended Sediment Concentration	16	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert) (Replicate)		4.3	No
8/15/2023 9:30:00 AM	Ammonia-	0.12	mg/L	MC36	Sam Newell Rd.,		0.10	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
	Nitrogen				West of US 74(Culvert) (Replicate)			
8/15/2023 9:30:00 AM	E. Coli	242	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert) Replicate		2	No
8/15/2023 9:30:00 AM	Total Phosphorus	0.082	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert) (Replicate)		0.010	No
8/15/2023 9:30:00 AM	Total Kjeldahl Nitrogen	0.41	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert) (Replicate)		0.25	No
8/15/2023 9:30:00 AM	Total Suspended Solids	11.6	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert) (Replicate)		5.0	No
8/15/2023 9:30:00 AM	Copper	2	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert) (Replicate)	<	2.0	No
8/15/2023 9:30:00 AM	Magnesium	4000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert) (Replicate)		1000	No
8/15/2023 9:30:00 AM	Calcium	14000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert) (Replicate)		1000	No
8/15/2023 9:30:00 AM	Hardness	51	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert) (Replicate)		1.0	No
9/19/2023 9:55:00 AM	Total Phosphorus	0.076	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	Yes
9/19/2023 9:55:00 AM	Total Suspended Solids	12	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		5.0	Yes
9/19/2023 9:55:00 AM	Nitrate/Nitrite	0.13	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	Yes
9/19/2023 9:55:00 AM	E. Coli	1300	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		2	Yes
9/19/2023 9:55:00 AM	Fecal Coliform	1230	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		10	Yes
9/19/2023 9:55:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.10	Yes
9/19/2023 9:55:00 AM	Turbidity	19	NTU	MC36	Sam Newell Rd., West of US 74(Culvert)		0.50	Yes
9/19/2023 9:55:00 AM	Suspended Sediment Concentration	8.9	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		4.2	Yes
9/19/2023 9:55:00 AM	Copper	2.4	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		2.0	Yes
9/19/2023 9:55:00 AM	Total Kjeldahl Nitrogen	0.46	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.25	Yes
9/19/2023 9:55:00 AM	Calcium	10000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
9/19/2023 9:55:00 AM	Hardness	38	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1.0	Yes
9/19/2023 9:55:00 AM	Magnesium	3100	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	Yes
10/17/2023 10:05:00 AM	Turbidity	13	NTU	MC36	Sam Newell Rd., West of US 74(Culvert)		0.50	No
10/17/2023 10:05:00 AM	Fecal Coliform	270	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		20	No
10/17/2023 10:05:00 AM	Suspended Sediment Concentration	6.8	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		4.2	No
10/17/2023 10:05:00 AM	Nitrate/Nitrite	1.4	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	No
10/17/2023 10:05:00 AM	E. Coli	152	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		10	No
10/17/2023 10:05:00 AM	Calcium	11000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
10/17/2023 10:05:00 AM	Total Phosphorus	0.092	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	No
10/17/2023 10:05:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.10	No
10/17/2023 10:05:00 AM	Total Suspended Solids	8	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		5.0	No
10/17/2023 10:05:00 AM	Magnesium	3200	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
10/17/2023 10:05:00 AM	Hardness	41	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1.0	No
10/17/2023 10:05:00 AM	Total Kjeldahl Nitrogen	0.47	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.25	No
10/17/2023 10:05:00 AM	Copper	2	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	2.0	No
10/17/2023 10:05:00 AM	Nickel	2	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	2.0	No
10/17/2023 10:05:00 AM	Chromium	5	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	5.0	No
10/17/2023 10:05:00 AM	Lead	0.5	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.50	No
10/17/2023 10:05:00 AM	Zinc	10	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	10	No
11/21/2023 10:00:00 AM	Fecal Coliform	22000	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		100	Yes
11/21/2023 10:00:00 AM	E. Coli	14670	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		100	Yes
11/21/2023 10:00:00 AM	Nitrate/Nitrite	0.37	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	Yes
11/21/2023 10:00:00	Turbidity	45	NTU	MC36	Sam Newell Rd.,		0.50	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
AM					West of US 74(Culvert)			
11/21/2023 10:00:00 AM	Total Suspended Solids	44.4	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		11.1	Yes
11/21/2023 10:00:00 AM	Ammonia-Nitrogen	0.16	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.10	Yes
11/21/2023 10:00:00 AM	Suspended Sediment Concentration	44	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		4.3	Yes
11/21/2023 10:00:00 AM	Total Phosphorus	0.173	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	Yes
11/21/2023 10:00:00 AM	Copper	4	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		2.0	Yes
11/21/2023 10:00:00 AM	Total Kjeldahl Nitrogen	0.76	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.25	Yes
11/21/2023 10:00:00 AM	Calcium	7500	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	Yes
11/21/2023 10:00:00 AM	Hardness	28	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1.0	Yes
11/21/2023 10:00:00 AM	Magnesium	2200	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	Yes
12/19/2023 10:00:00 AM	Total Suspended Solids	11.6	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		5.0	Yes
12/19/2023 10:00:00 AM	Fecal Coliform	1350	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		100	Yes
12/19/2023 10:00:00 AM	E. Coli	740	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		100	Yes
12/19/2023 10:00:00 AM	Nitrate/Nitrite	0.25	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	Yes
12/19/2023 10:00:00 AM	Suspended Sediment Concentration	10	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		4.2	Yes
12/19/2023 10:00:00 AM	Turbidity	34	NTU	MC36	Sam Newell Rd., West of US 74(Culvert)		0.50	Yes
12/19/2023 10:00:00 AM	Total Phosphorus	0.052	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	Yes
12/19/2023 10:00:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.10	Yes
12/19/2023 10:00:00 AM	Total Kjeldahl Nitrogen	0.34	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.25	Yes
12/19/2023 10:00:00 AM	Copper	2.9	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		2.0	Yes
12/19/2023 10:00:00 AM	Calcium	9200	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	Yes
12/19/2023 10:00:00 AM	Magnesium	3000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	Yes
12/19/2023 10:00:00 AM	Hardness	35	mg/L	MC36	Sam Newell Rd., West of US		1.0	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
					74(Culvert)			
1/16/2024 9:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.10	Yes
1/16/2024 9:50:00 AM	Fecal Coliform	375	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		100	Yes
1/16/2024 9:50:00 AM	Nitrate/Nitrite	0.28	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	Yes
1/16/2024 9:50:00 AM	E. Coli	465	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		100	Yes
1/16/2024 9:50:00 AM	Turbidity	28	NTU	MC36	Sam Newell Rd., West of US 74(Culvert)		0.50	Yes
1/16/2024 9:50:00 AM	Total Suspended Solids	23.8	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		5.0	Yes
1/16/2024 9:50:00 AM	Total Phosphorus	0.052	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	Yes
1/16/2024 9:50:00 AM	Total Kjeldahl Nitrogen	0.32	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.25	Yes
1/16/2024 9:50:00 AM	Chromium	5	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	5.0	Yes
1/16/2024 9:50:00 AM	Suspended Sediment Concentration	24	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		4.2	Yes
1/16/2024 9:50:00 AM	Nickel	2	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	2.0	Yes
1/16/2024 9:50:00 AM	Copper	2.4	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		2.0	Yes
1/16/2024 9:50:00 AM	Zinc	10	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	10	Yes
1/16/2024 9:50:00 AM	Lead	0.5	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.50	Yes
1/16/2024 9:50:00 AM	Hardness	55	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1.0	Yes
1/16/2024 9:50:00 AM	Magnesium	4800	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	Yes
1/16/2024 9:50:00 AM	Calcium	14000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	Yes
2/20/2024 10:00:00 AM	Turbidity	8.4	NTU	MC36	Sam Newell Rd., West of US 74(Culvert)		0.50	No
2/20/2024 10:00:00 AM	Nitrate/Nitrite	0.061	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	No
2/20/2024 10:00:00 AM	Total Suspended Solids	5	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	5.0	No
2/20/2024 10:00:00 AM	Fecal Coliform	122	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		10	No
2/20/2024 10:00:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.10	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
2/20/2024 10:00:00 AM	E. Coli	84	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		1	No
2/20/2024 10:00:00 AM	Suspended Sediment Concentration	4.3	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	4.3	No
2/20/2024 10:00:00 AM	Total Phosphorus	0.032	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	No
2/20/2024 10:00:00 AM	Calcium	19000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
2/20/2024 10:00:00 AM	Magnesium	6800	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
2/20/2024 10:00:00 AM	Hardness	75	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1.0	No
2/20/2024 10:00:00 AM	Copper	2	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	2.0	No
2/20/2024 10:00:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.25	No
3/19/2024 10:00:00 AM	Nitrate/Nitrite	0.09	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	No
3/19/2024 10:00:00 AM	Fecal Coliform	239	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		20	No
3/19/2024 10:00:00 AM	E. Coli	166	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		10	No
3/19/2024 10:00:00 AM	Total Suspended Solids	6.4	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		5.0	No
3/19/2024 10:00:00 AM	Total Phosphorus	0.045	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	No
3/19/2024 10:00:00 AM	Suspended Sediment Concentration	4.5	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		4.1	No
3/19/2024 10:00:00 AM	Turbidity	12	NTU	MC36	Sam Newell Rd., West of US 74(Culvert)		0.50	No
3/19/2024 10:00:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.10	No
3/19/2024 10:00:00 AM	Total Kjeldahl Nitrogen	0.31	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.25	No
3/19/2024 10:00:00 AM	Copper	2	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	2.0	No
3/19/2024 10:00:00 AM	Magnesium	6900	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
3/19/2024 10:00:00 AM	Hardness	73	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1.0	No
3/19/2024 10:00:00 AM	Calcium	18000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
4/16/2024 9:50:00 AM	Nitrate/Nitrite	0.44	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	No
4/16/2024 9:50:00 AM	Turbidity	26	NTU	MC36	Sam Newell Rd.,		0.50	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
					West of US 74(Culvert)			
4/16/2024 9:50:00 AM	Total Suspended Solids	27.4	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		5.0	No
4/16/2024 9:50:00 AM	E. Coli	489	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		1	No
4/16/2024 9:50:00 AM	Fecal Coliform	565	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		10	No
4/16/2024 9:50:00 AM	Ammonia-Nitrogen	0.13	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.10	No
4/16/2024 9:50:00 AM	Total Phosphorus	0.053	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	No
4/16/2024 9:50:00 AM	Suspended Sediment Concentration	4.3	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	4.3	No
4/16/2024 9:50:00 AM	Magnesium	7600	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
4/16/2024 9:50:00 AM	Hardness	86	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1.0	No
4/16/2024 9:50:00 AM	Calcium	22000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
4/16/2024 9:50:00 AM	Chromium	5	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	5.0	No
4/16/2024 9:50:00 AM	Nickel	2	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	2.0	No
4/16/2024 9:50:00 AM	Zinc	10	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	10	No
4/16/2024 9:50:00 AM	Lead	0.5	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.50	No
4/16/2024 9:50:00 AM	Total Kjeldahl Nitrogen	0.41	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.25	No
4/16/2024 9:50:00 AM	Copper	2	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	2.0	No
5/21/2024 9:50:00 AM	Turbidity	12	NTU	MC36	Sam Newell Rd., West of US 74(Culvert)		0.50	Yes
5/21/2024 9:50:00 AM	E. Coli	512	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		10	Yes
5/21/2024 9:50:00 AM	Nitrate/Nitrite	0.21	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	Yes
5/21/2024 9:50:00 AM	Fecal Coliform	490	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		20	Yes
5/21/2024 9:50:00 AM	Suspended Sediment Concentration	6.7	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		4.2	Yes
5/21/2024 9:50:00 AM	Hardness	66	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1.0	Yes
5/21/2024 9:50:00 AM	Copper	2.1	ug/L	MC36	Sam Newell Rd., West of US		2.0	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
					74(Culvert)			
5/21/2024 9:50:00 AM	Total Phosphorus	0.059	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	Yes
5/21/2024 9:50:00 AM	Total Suspended Solids	10	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	10.0	Yes
5/21/2024 9:50:00 AM	Total Kjeldahl Nitrogen	0.31	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.25	Yes
5/21/2024 9:50:00 AM	Magnesium	5600	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	Yes
5/21/2024 9:50:00 AM	Calcium	17000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	Yes
5/21/2024 9:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.10	Yes
6/18/2024 10:00:00 AM	Fecal Coliform	1020	CFU/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		10	No
6/18/2024 10:00:00 AM	E. Coli	636	MPN/100 ml	MC36	Sam Newell Rd., West of US 74(Culvert)		2	No
6/18/2024 10:00:00 AM	Nitrate/Nitrite	0.16	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.05	No
6/18/2024 10:00:00 AM	Turbidity	20	NTU	MC36	Sam Newell Rd., West of US 74(Culvert)		0.50	No
6/18/2024 10:00:00 AM	Total Suspended Solids	11.6	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		10.0	No
6/18/2024 10:00:00 AM	Total Phosphorus	0.067	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.010	No
6/18/2024 10:00:00 AM	Total Kjeldahl Nitrogen	0.47	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		0.25	No
6/18/2024 10:00:00 AM	Suspended Sediment Concentration	13	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		4.2	No
6/18/2024 10:00:00 AM	Calcium	11000	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
6/18/2024 10:00:00 AM	Hardness	42	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1.0	No
6/18/2024 10:00:00 AM	Magnesium	3400	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		1000	No
6/18/2024 10:00:00 AM	Copper	2.8	ug/L	MC36	Sam Newell Rd., West of US 74(Culvert)		2.0	No
6/18/2024 10:00:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC36	Sam Newell Rd., West of US 74(Culvert)	<	0.10	No
7/18/2023 10:40:00 AM	Fecal Coliform	150	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		10	No
7/18/2023 10:40:00 AM	Total Suspended Solids	5	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	5.0	No
7/18/2023 10:40:00 AM	E. Coli	87	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		1	No
7/18/2023 10:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.10	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
7/18/2023 10:40:00 AM	Nitrate/Nitrite	0.28	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.05	No
7/18/2023 10:40:00 AM	Suspended Sediment Concentration	4	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	4.0	No
7/18/2023 10:40:00 AM	Turbidity	5.1	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	No
7/18/2023 10:40:00 AM	Total Phosphorus	0.028	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.010	No
7/18/2023 10:40:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.25	No
7/18/2023 10:40:00 AM	Chromium	5	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	5.0	No
7/18/2023 10:40:00 AM	Nickel	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	No
7/18/2023 10:40:00 AM	Calcium	15000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		500	No
7/18/2023 10:40:00 AM	Hardness	55	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1.0	No
7/18/2023 10:40:00 AM	Magnesium	4300	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		500	No
7/18/2023 10:40:00 AM	Zinc	10	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	10	No
7/18/2023 10:40:00 AM	Copper	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	No
7/18/2023 10:40:00 AM	Lead	0.5	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.50	No
8/15/2023 10:25:00 AM	Turbidity	6.4	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	No
8/15/2023 10:25:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.10	No
8/15/2023 10:25:00 AM	Nitrate/Nitrite	0.33	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.05	No
8/15/2023 10:25:00 AM	Suspended Sediment Concentration	4.2	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	4.2	No
8/15/2023 10:25:00 AM	E. Coli	192	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		1	No
8/15/2023 10:25:00 AM	Fecal Coliform	182	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		10	No
8/15/2023 10:25:00 AM	Total Phosphorus	0.036	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.010	No
8/15/2023 10:25:00 AM	Total Kjeldahl Nitrogen	0.28	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.25	No
8/15/2023 10:25:00 AM	Total Suspended Solids	5	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	5.0	No
8/15/2023 10:25:00 AM	Copper	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	No
8/15/2023 10:25:00 AM	Calcium	14000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
8/15/2023 10:25:00 AM	Magnesium	3700	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
8/15/2023 10:25:00 AM	Hardness	50	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1.0	No
9/19/2023 10:20:00 AM	Total Suspended Solids	5	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	5.0	Yes
9/19/2023 10:20:00 AM	Nitrate/Nitrite	0.24	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.05	Yes
9/19/2023 10:20:00 AM	E. Coli	147	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		1	Yes
9/19/2023 10:20:00 AM	Turbidity	4.3	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	Yes
9/19/2023 10:20:00 AM	Total Phosphorus	0.028	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.010	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
9/19/2023 10:20:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.10	Yes
9/19/2023 10:20:00 AM	Fecal Coliform	340	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		10	Yes
9/19/2023 10:20:00 AM	Suspended Sediment Concentration	4	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	4.0	Yes
9/19/2023 10:20:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.25	Yes
9/19/2023 10:20:00 AM	Calcium	13000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	Yes
9/19/2023 10:20:00 AM	Hardness	48	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1.0	Yes
9/19/2023 10:20:00 AM	Magnesium	3700	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	Yes
9/19/2023 10:20:00 AM	Copper	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	Yes
10/17/2023 10:30:00 AM	Suspended Sediment Concentration	4.3	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	4.3	No
10/17/2023 10:30:00 AM	Fecal Coliform	277	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		20	No
10/17/2023 10:30:00 AM	Turbidity	4.7	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	No
10/17/2023 10:30:00 AM	Nitrate/Nitrite	0.14	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.05	No
10/17/2023 10:30:00 AM	E. Coli	169	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		10	No
10/17/2023 10:30:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.10	No
10/17/2023 10:30:00 AM	Total Phosphorus	0.033	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.010	No
10/17/2023 10:30:00 AM	Total Suspended Solids	5	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	5.0	No
10/17/2023 10:30:00 AM	Chromium	5	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	5.0	No
10/17/2023 10:30:00 AM	Zinc	10	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	10	No
10/17/2023 10:30:00 AM	Nickel	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	No
10/17/2023 10:30:00 AM	Lead	0.5	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.50	No
10/17/2023 10:30:00 AM	Magnesium	3100	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
10/17/2023 10:30:00 AM	Hardness	40	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1.0	No
10/17/2023 10:30:00 AM	Calcium	11000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
10/17/2023 10:30:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.25	No
10/17/2023 10:30:00 AM	Copper	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	No
10/17/2023 1:15:00 PM	Suspended Sediment Concentration	5.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)		4.2	No
10/17/2023 1:15:00 PM	Nitrate/Nitrite	0.16	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)		0.05	No
10/17/2023 1:15:00 PM	E. Coli	216	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)		10	No
10/17/2023 1:15:00 PM	Fecal Coliform	447	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)		20	No
10/17/2023 1:15:00 PM	Turbidity	5	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
					(Replicate)			
10/17/2023 1:15:00 PM	Ammonia-Nitrogen	0.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)	<	0.10	No
10/17/2023 1:15:00 PM	Total Phosphorus	0.035	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)		0.010	No
10/17/2023 1:15:00 PM	Total Suspended Solids	5	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)	<	5.0	No
10/17/2023 1:15:00 PM	Nickel	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)	<	2.0	No
10/17/2023 1:15:00 PM	Chromium	5	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)	<	5.0	No
10/17/2023 1:15:00 PM	Magnesium	3300	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)		1000	No
10/17/2023 1:15:00 PM	Hardness	44	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)		1.0	No
10/17/2023 1:15:00 PM	Calcium	12000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)		1000	No
10/17/2023 1:15:00 PM	Total Kjeldahl Nitrogen	0.25	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)	<	0.25	No
10/17/2023 1:15:00 PM	Zinc	10	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)	<	10	No
10/17/2023 1:15:00 PM	Lead	0.5	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)	<	0.50	No
10/17/2023 1:15:00 PM	Copper	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM (Replicate)	<	2.0	No
12/19/2023 10:30:00 AM	E. Coli	970	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		100	Yes
12/19/2023 10:30:00 AM	Total Suspended Solids	29	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		5.0	Yes
12/19/2023 10:30:00 AM	Nitrate/Nitrite	0.38	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.05	Yes
12/19/2023 10:30:00 AM	Suspended Sediment Concentration	17	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		3.8	Yes
12/19/2023 10:30:00 AM	Fecal Coliform	1130	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		100	Yes
12/19/2023 10:30:00 AM	Turbidity	55	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	Yes
12/19/2023 10:30:00 AM	Total Phosphorus	0.071	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.010	Yes
12/19/2023 10:30:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.10	Yes
12/19/2023 10:30:00 AM	Total Kjeldahl Nitrogen	0.38	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.25	Yes
12/19/2023 10:30:00 AM	Magnesium	2300	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	Yes
12/19/2023 10:30:00 AM	Hardness	30	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1.0	Yes
12/19/2023 10:30:00 AM	Calcium	8200	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	Yes
12/19/2023 10:30:00 AM	Copper	2.1	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		2.0	Yes
1/16/2024 10:35:00 AM	Nitrate/Nitrite	0.57	mg/L	MC4	Beatties Ford Rd.		0.05	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
					(Bridge) - ISM			
1/16/2024 10:35:00 AM	Fecal Coliform	438	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		100	Yes
1/16/2024 10:35:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.10	Yes
1/16/2024 10:35:00 AM	E. Coli	200	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		100	Yes
1/16/2024 10:35:00 AM	Total Phosphorus	0.058	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.010	Yes
1/16/2024 10:35:00 AM	Total Suspended Solids	12.8	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		10.0	Yes
1/16/2024 10:35:00 AM	Turbidity	65	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	Yes
1/16/2024 10:35:00 AM	Total Kjeldahl Nitrogen	0.68	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.25	Yes
1/16/2024 10:35:00 AM	Suspended Sediment Concentration	11	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		4.0	Yes
1/16/2024 10:35:00 AM	Nickel	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	Yes
1/16/2024 10:35:00 AM	Chromium	5	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	5.0	Yes
1/16/2024 10:35:00 AM	Zinc	10	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	10	Yes
1/16/2024 10:35:00 AM	Copper	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	Yes
1/16/2024 10:35:00 AM	Lead	0.5	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.50	Yes
1/16/2024 10:35:00 AM	Calcium	11000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	Yes
1/16/2024 10:35:00 AM	Magnesium	3000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	Yes
1/16/2024 10:35:00 AM	Hardness	40	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1.0	Yes
2/20/2024 10:30:00 AM	Turbidity	90	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	No
2/20/2024 10:30:00 AM	Fecal Coliform	410	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		10	No
2/20/2024 10:30:00 AM	Total Suspended Solids	88.7	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		16.7	No
2/20/2024 10:30:00 AM	Suspended Sediment Concentration	92	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		3.9	No
2/20/2024 10:30:00 AM	E. Coli	388	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		1	No
2/20/2024 10:30:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.10	No
2/20/2024 10:30:00 AM	Nitrate/Nitrite	0.27	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.05	No
2/20/2024 10:30:00 AM	Total Phosphorus	0.097	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.010	No
2/20/2024 10:30:00 AM	Hardness	58	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1.0	No
2/20/2024 10:30:00 AM	Calcium	15000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
2/20/2024 10:30:00 AM	Magnesium	5000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
2/20/2024 10:30:00 AM	Copper	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	No
2/20/2024 10:30:00 AM	Total Kjeldahl Nitrogen	0.57	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.25	No
3/19/2024 10:20:00 AM	Turbidity	15	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	No
3/19/2024 10:20:00 AM	Ammonia-	0.1	mg/L	MC4	Beatties Ford Rd.	<	0.10	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
	Nitrogen				(Bridge) - ISM			
3/19/2024 10:20:00 AM	Total Suspended Solids	5.4	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		5.0	No
3/19/2024 10:20:00 AM	Fecal Coliform	216	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		20	No
3/19/2024 10:20:00 AM	E. Coli	122	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		10	No
3/19/2024 10:20:00 AM	Nitrate/Nitrite	0.35	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.05	No
3/19/2024 10:20:00 AM	Total Phosphorus	0.036	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.010	No
3/19/2024 10:20:00 AM	Suspended Sediment Concentration	4.4	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		4.0	No
3/19/2024 10:20:00 AM	Copper	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	No
3/19/2024 10:20:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.25	No
3/19/2024 10:20:00 AM	Calcium	14000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
3/19/2024 10:20:00 AM	Magnesium	4300	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
3/19/2024 10:20:00 AM	Hardness	53	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1.0	No
4/16/2024 9:50:00 AM	Total Suspended Solids	5	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	5.0	No
4/16/2024 9:50:00 AM	Nitrate/Nitrite	0.3	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.05	No
4/16/2024 9:50:00 AM	Turbidity	5.4	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	No
4/16/2024 9:50:00 AM	E. Coli	152	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		1	No
4/16/2024 9:50:00 AM	Fecal Coliform	119	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		10	No
4/16/2024 9:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.10	No
4/16/2024 9:50:00 AM	Total Phosphorus	0.028	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.010	No
4/16/2024 9:50:00 AM	Suspended Sediment Concentration	5.3	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		4.1	No
4/16/2024 9:50:00 AM	Copper	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	No
4/16/2024 9:50:00 AM	Lead	0.5	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.50	No
4/16/2024 9:50:00 AM	Zinc	10	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	10	No
4/16/2024 9:50:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.25	No
4/16/2024 9:50:00 AM	Chromium	5	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	5.0	No
4/16/2024 9:50:00 AM	Nickel	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	No
4/16/2024 9:50:00 AM	Magnesium	5000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
4/16/2024 9:50:00 AM	Calcium	17000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
4/16/2024 9:50:00 AM	Hardness	63	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1.0	No
5/21/2024 10:15:00 AM	Turbidity	24	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	Yes
5/21/2024 10:15:00 AM	E. Coli	259	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		10	Yes
5/21/2024 10:15:00 AM	Nitrate/Nitrite	0.36	mg/L	MC4	Beatties Ford Rd.		0.05	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
					(Bridge) - ISM			
5/21/2024 10:15:00 AM	Fecal Coliform	170	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		20	Yes
5/21/2024 10:15:00 AM	Suspended Sediment Concentration	6	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		4.3	Yes
5/21/2024 10:15:00 AM	Total Suspended Solids	10	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		5.0	Yes
5/21/2024 10:15:00 AM	Magnesium	3600	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	Yes
5/21/2024 10:15:00 AM	Total Kjeldahl Nitrogen	0.32	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.25	Yes
5/21/2024 10:15:00 AM	Hardness	47	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1.0	Yes
5/21/2024 10:15:00 AM	Total Phosphorus	0.045	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.010	Yes
5/21/2024 10:15:00 AM	Copper	3.5	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		2.0	Yes
5/21/2024 10:15:00 AM	Calcium	13000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	Yes
5/21/2024 10:15:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.10	Yes
6/18/2024 10:15:00 AM	E. Coli	202	MPN/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		1	No
6/18/2024 10:15:00 AM	Fecal Coliform	210	CFU/100 ml	MC4	Beatties Ford Rd. (Bridge) - ISM		10	No
6/18/2024 10:15:00 AM	Nitrate/Nitrite	0.35	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.05	No
6/18/2024 10:15:00 AM	Turbidity	4.9	NTU	MC4	Beatties Ford Rd. (Bridge) - ISM		0.50	No
6/18/2024 10:15:00 AM	Total Phosphorus	0.031	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		0.010	No
6/18/2024 10:15:00 AM	Total Suspended Solids	5	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	5.0	No
6/18/2024 10:15:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.25	No
6/18/2024 10:15:00 AM	Suspended Sediment Concentration	4.2	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	4.2	No
6/18/2024 10:15:00 AM	Calcium	17000	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
6/18/2024 10:15:00 AM	Hardness	62	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1.0	No
6/18/2024 10:15:00 AM	Magnesium	4800	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM		1000	No
6/18/2024 10:15:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	0.10	No
6/18/2024 10:15:00 AM	Copper	2	ug/L	MC4	Beatties Ford Rd. (Bridge) - ISM	<	2.0	No
7/18/2023 10:10:00 AM	Fecal Coliform	445	CFU/100 ml	MC40C	Trade St.		10	No
7/18/2023 10:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	No
7/18/2023 10:10:00 AM	Total Suspended Solids	8.3	mg/L	MC40C	Trade St.	<	8.3	No
7/18/2023 10:10:00 AM	E. Coli	486	MPN/100 ml	MC40C	Trade St.		2	No
7/18/2023 10:10:00 AM	Turbidity	10	NTU	MC40C	Trade St.		0.50	No
7/18/2023 10:10:00 AM	Nitrate/Nitrite	0.25	mg/L	MC40C	Trade St.		0.05	No
7/18/2023 10:10:00 AM	Suspended Sediment Concentration	4.4	mg/L	MC40C	Trade St.	<	4.4	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
7/18/2023 10:10:00 AM	Total Phosphorus	0.044	mg/L	MC40C	Trade St.		0.010	No
7/18/2023 10:10:00 AM	Nickel	2	ug/L	MC40C	Trade St.	<	2.0	No
7/18/2023 10:10:00 AM	Chromium	5	ug/L	MC40C	Trade St.	<	5.0	No
7/18/2023 10:10:00 AM	Magnesium	3400	ug/L	MC40C	Trade St.		500	No
7/18/2023 10:10:00 AM	Total Kjeldahl Nitrogen	0.31	mg/L	MC40C	Trade St.		0.25	No
7/18/2023 10:10:00 AM	Zinc	10	ug/L	MC40C	Trade St.	<	10	No
7/18/2023 10:10:00 AM	Copper	2	ug/L	MC40C	Trade St.		2.0	No
7/18/2023 10:10:00 AM	Lead	0.5	ug/L	MC40C	Trade St.	<	0.50	No
7/18/2023 10:10:00 AM	Hardness	46	mg/L	MC40C	Trade St.		1.0	No
7/18/2023 10:10:00 AM	Calcium	13000	ug/L	MC40C	Trade St.		500	No
8/15/2023 10:30:00 AM	Nitrate/Nitrite	0.3	mg/L	MC40C	Trade St.		0.05	No
8/15/2023 10:30:00 AM	E. Coli	727	MPN/100 ml	MC40C	Trade St.		1	No
8/15/2023 10:30:00 AM	Fecal Coliform	1080	CFU/100 ml	MC40C	Trade St.		10	No
8/15/2023 10:30:00 AM	Turbidity	4	NTU	MC40C	Trade St.		0.50	No
8/15/2023 10:30:00 AM	Suspended Sediment Concentration	4	mg/L	MC40C	Trade St.	<	4.0	No
8/15/2023 10:30:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	No
8/15/2023 10:30:00 AM	Total Suspended Solids	5	mg/L	MC40C	Trade St.	<	5.0	No
8/15/2023 10:30:00 AM	Total Kjeldahl Nitrogen	0.3	mg/L	MC40C	Trade St.		0.25	No
8/15/2023 10:30:00 AM	Total Phosphorus	0.056	mg/L	MC40C	Trade St.		0.010	No
8/15/2023 10:30:00 AM	Copper	2	ug/L	MC40C	Trade St.	<	2.0	No
8/15/2023 10:30:00 AM	Calcium	17000	ug/L	MC40C	Trade St.		1000	No
8/15/2023 10:30:00 AM	Magnesium	4800	ug/L	MC40C	Trade St.		1000	No
8/15/2023 10:30:00 AM	Hardness	62	mg/L	MC40C	Trade St.		1.0	No
9/19/2023 10:50:00 AM	E. Coli	1987	MPN/100 ml	MC40C	Trade St.		1	Yes
9/19/2023 10:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	Yes
9/19/2023 10:50:00 AM	Total Phosphorus	0.044	mg/L	MC40C	Trade St.		0.010	Yes
9/19/2023 10:50:00 AM	Nitrate/Nitrite	0.11	mg/L	MC40C	Trade St.		0.05	Yes
9/19/2023 10:50:00 AM	Fecal Coliform	2000	CFU/100 ml	MC40C	Trade St.		10	Yes
9/19/2023 10:50:00 AM	Turbidity	11	NTU	MC40C	Trade St.		0.50	Yes
9/19/2023 10:50:00 AM	Total Suspended Solids	5	mg/L	MC40C	Trade St.	<	5.0	Yes
9/19/2023 10:50:00 AM	Suspended Sediment Concentration	4.1	mg/L	MC40C	Trade St.	<	4.1	Yes
9/19/2023 10:50:00 AM	Copper	2	ug/L	MC40C	Trade St.	<	2.0	Yes
9/19/2023 10:50:00 AM	Total Kjeldahl Nitrogen	0.31	mg/L	MC40C	Trade St.		0.25	Yes
9/19/2023 10:50:00 AM	Calcium	10000	ug/L	MC40C	Trade St.		1000	Yes
9/19/2023 10:50:00 AM	Magnesium	2900	ug/L	MC40C	Trade St.		1000	Yes
9/19/2023 10:50:00 AM	Hardness	37	mg/L	MC40C	Trade St.		1.0	Yes
10/17/2023 11:00:00 AM	Nitrate/Nitrite	0.06	mg/L	MC40C	Trade St.		0.05	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
10/17/2023 11:00:00 AM	Suspended Sediment Concentration	4.4	mg/L	MC40C	Trade St.	<	4.4	No
10/17/2023 11:00:00 AM	E. Coli	403	MPN/100 ml	MC40C	Trade St.		10	No
10/17/2023 11:00:00 AM	Turbidity	1.7	NTU	MC40C	Trade St.		0.50	No
10/17/2023 11:00:00 AM	Fecal Coliform	400	CFU/100 ml	MC40C	Trade St.		20	No
10/17/2023 11:00:00 AM	Calcium	14000	ug/L	MC40C	Trade St.		1000	No
10/17/2023 11:00:00 AM	Total Phosphorus	0.041	mg/L	MC40C	Trade St.		0.010	No
10/17/2023 11:00:00 AM	Hardness	54	mg/L	MC40C	Trade St.		1.0	No
10/17/2023 11:00:00 AM	Total Suspended Solids	5	mg/L	MC40C	Trade St.	<	5.0	No
10/17/2023 11:00:00 AM	Magnesium	4600	ug/L	MC40C	Trade St.		1000	No
10/17/2023 11:00:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	No
10/17/2023 11:00:00 AM	Total Kjeldahl Nitrogen	0.3	mg/L	MC40C	Trade St.		0.25	No
10/17/2023 11:00:00 AM	Copper	2	ug/L	MC40C	Trade St.	<	2.0	No
10/17/2023 11:00:00 AM	Chromium	5	ug/L	MC40C	Trade St.	<	5.0	No
10/17/2023 11:00:00 AM	Zinc	10	ug/L	MC40C	Trade St.	<	10	No
10/17/2023 11:00:00 AM	Lead	0.5	ug/L	MC40C	Trade St.	<	0.50	No
10/17/2023 11:00:00 AM	Nickel	2	ug/L	MC40C	Trade St.	<	2.0	No
11/21/2023 10:40:00 AM	Fecal Coliform	55000	CFU/100 ml	MC40C	Trade St.		100	Yes
11/21/2023 10:40:00 AM	Nitrate/Nitrite	0.23	mg/L	MC40C	Trade St.		0.05	Yes
11/21/2023 10:40:00 AM	Total Suspended Solids	26.2	mg/L	MC40C	Trade St.		6.3	Yes
11/21/2023 10:40:00 AM	E. Coli	46390	MPN/100 ml	MC40C	Trade St.		100	Yes
11/21/2023 10:40:00 AM	Turbidity	24	NTU	MC40C	Trade St.		0.50	Yes
11/21/2023 10:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	Yes
11/21/2023 10:40:00 AM	Suspended Sediment Concentration	30	mg/L	MC40C	Trade St.		4.1	Yes
11/21/2023 10:40:00 AM	Total Phosphorus	0.28	mg/L	MC40C	Trade St.		0.10	Yes
11/21/2023 10:40:00 AM	Copper	3	ug/L	MC40C	Trade St.		2.0	Yes
11/21/2023 10:40:00 AM	Total Kjeldahl Nitrogen	0.74	mg/L	MC40C	Trade St.		0.25	Yes
11/21/2023 10:40:00 AM	Hardness	46	mg/L	MC40C	Trade St.		1.0	Yes
11/21/2023 10:40:00 AM	Magnesium	4000	ug/L	MC40C	Trade St.		1000	Yes
11/21/2023 10:40:00 AM	Calcium	12000	ug/L	MC40C	Trade St.		1000	Yes
11/21/2023 10:45:00 AM	Fecal Coliform	53500	CFU/100 ml	MC40C	Trade St. (Replicate)		100	Yes
11/21/2023 10:45:00 AM	Turbidity	24	NTU	MC40C	Trade St. (Replicate)		0.50	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
11/21/2023 10:45:00 AM	Nitrate/Nitrite	0.24	mg/L	MC40C	Trade St. (Replicate)		0.05	Yes
11/21/2023 10:45:00 AM	E. Coli	32550	MPN/100 ml	MC40C	Trade St. (Replicate)		100	Yes
11/21/2023 10:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St. (Replicate)	<	0.10	Yes
11/21/2023 10:45:00 AM	Total Suspended Solids	27	mg/L	MC40C	Trade St. (Replicate)		6.3	Yes
11/21/2023 10:45:00 AM	Suspended Sediment Concentration	29	mg/L	MC40C	Trade St. (Replicate)		4.3	Yes
11/21/2023 10:45:00 AM	Total Phosphorus	0.27	mg/L	MC40C	Trade St. (Replicate)		0.10	Yes
11/21/2023 10:45:00 AM	Total Kjeldahl Nitrogen	0.71	mg/L	MC40C	Trade St. (Replicate)		0.25	Yes
11/21/2023 10:45:00 AM	Hardness	44	mg/L	MC40C	Trade St. (Replicate)		1.0	Yes
11/21/2023 10:45:00 AM	Calcium	11000	ug/L	MC40C	Trade St. (Replicate)		1000	Yes
11/21/2023 10:45:00 AM	Magnesium	3900	ug/L	MC40C	Trade St. (Replicate)		1000	Yes
11/21/2023 10:55:00 AM	Copper	3.3	ug/L	MC40C	Trade St. (Replicate)		2.0	Yes
12/19/2023 10:50:00 AM	Suspended Sediment Concentration	4	mg/L	MC40C	Trade St.	<	4.0	Yes
12/19/2023 10:50:00 AM	Fecal Coliform	1250	CFU/100 ml	MC40C	Trade St.		100	Yes
12/19/2023 10:50:00 AM	E. Coli	915	MPN/100 ml	MC40C	Trade St.		100	Yes
12/19/2023 10:50:00 AM	Total Suspended Solids	5	mg/L	MC40C	Trade St.	<	5.0	Yes
12/19/2023 10:50:00 AM	Nitrate/Nitrite	0.27	mg/L	MC40C	Trade St.		0.05	Yes
12/19/2023 10:50:00 AM	Turbidity	39	NTU	MC40C	Trade St.		0.50	Yes
12/19/2023 10:50:00 AM	Total Phosphorus	0.072	mg/L	MC40C	Trade St.		0.010	Yes
12/19/2023 10:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	Yes
12/19/2023 10:50:00 AM	Total Kjeldahl Nitrogen	0.45	mg/L	MC40C	Trade St.		0.25	Yes
12/19/2023 10:50:00 AM	Copper	3.1	ug/L	MC40C	Trade St.		2.0	Yes
12/19/2023 10:50:00 AM	Hardness	32	mg/L	MC40C	Trade St.		1.0	Yes
12/19/2023 10:50:00 AM	Magnesium	2500	ug/L	MC40C	Trade St.		1000	Yes
12/19/2023 10:50:00 AM	Calcium	8600	ug/L	MC40C	Trade St.		1000	Yes
1/16/2024 10:40:00 AM	Fecal Coliform	700	CFU/100 ml	MC40C	Trade St.		100	Yes
1/16/2024 10:40:00 AM	Nitrate/Nitrite	0.36	mg/L	MC40C	Trade St.		0.05	Yes
1/16/2024 10:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	Yes
1/16/2024 10:40:00 AM	E. Coli	5215	MPN/100 ml	MC40C	Trade St.		100	Yes
1/16/2024 10:40:00 AM	Total Phosphorus	0.057	mg/L	MC40C	Trade St.		0.010	Yes
1/16/2024 10:40:00 AM	Total Suspended Solids	16.2	mg/L	MC40C	Trade St.		5.0	Yes
1/16/2024 10:40:00 AM	Turbidity	28	NTU	MC40C	Trade St.		0.50	Yes
1/16/2024 10:40:00 AM	Total Kjeldahl	0.42	mg/L	MC40C	Trade St.		0.25	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
	Nitrogen							
1/16/2024 10:40:00 AM	Chromium	5	ug/L	MC40C	Trade St.	<	5.0	Yes
1/16/2024 10:40:00 AM	Nickel	2	ug/L	MC40C	Trade St.	<	2.0	Yes
1/16/2024 10:40:00 AM	Suspended Sediment Concentration	14	mg/L	MC40C	Trade St.		4.2	Yes
1/16/2024 10:40:00 AM	Magnesium	4600	ug/L	MC40C	Trade St.		1000	Yes
1/16/2024 10:40:00 AM	Copper	3.7	ug/L	MC40C	Trade St.		2.0	Yes
1/16/2024 10:40:00 AM	Calcium	15000	ug/L	MC40C	Trade St.		1000	Yes
1/16/2024 10:40:00 AM	Zinc	10	ug/L	MC40C	Trade St.	<	10	Yes
1/16/2024 10:40:00 AM	Hardness	56	mg/L	MC40C	Trade St.		1.0	Yes
1/16/2024 10:40:00 AM	Lead	0.5	ug/L	MC40C	Trade St.	<	0.50	Yes
2/20/2024 10:50:00 AM	Turbidity	5.1	NTU	MC40C	Trade St.		0.50	No
2/20/2024 10:50:00 AM	Suspended Sediment Concentration	4.2	mg/L	MC40C	Trade St.	<	4.2	No
2/20/2024 10:50:00 AM	Fecal Coliform	280	CFU/100 ml	MC40C	Trade St.		10	No
2/20/2024 10:50:00 AM	E. Coli	340	MPN/100 ml	MC40C	Trade St.		2	No
2/20/2024 10:50:00 AM	Total Suspended Solids	5	mg/L	MC40C	Trade St.	<	5.0	No
2/20/2024 10:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	No
2/20/2024 10:50:00 AM	Nitrate/Nitrite	0.05	mg/L	MC40C	Trade St.	<	0.05	No
2/20/2024 10:50:00 AM	Total Phosphorus	0.015	mg/L	MC40C	Trade St.		0.010	No
2/20/2024 10:50:00 AM	Hardness	64	mg/L	MC40C	Trade St.		1.0	No
2/20/2024 10:50:00 AM	Calcium	17000	ug/L	MC40C	Trade St.		1000	No
2/20/2024 10:50:00 AM	Magnesium	5300	ug/L	MC40C	Trade St.		1000	No
2/20/2024 10:50:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC40C	Trade St.	<	0.25	No
2/20/2024 10:50:00 AM	Copper	2	ug/L	MC40C	Trade St.	<	2.0	No
3/19/2024 10:50:00 AM	Turbidity	8.1	NTU	MC40C	Trade St.		0.50	No
3/19/2024 10:50:00 AM	E. Coli	492	MPN/100 ml	MC40C	Trade St.		10	No
3/19/2024 10:50:00 AM	Fecal Coliform	490	CFU/100 ml	MC40C	Trade St.		20	No
3/19/2024 10:50:00 AM	Nitrate/Nitrite	0.05	mg/L	MC40C	Trade St.	<	0.05	No
3/19/2024 10:50:00 AM	Total Suspended Solids	5	mg/L	MC40C	Trade St.	<	5.0	No
3/19/2024 10:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	No
3/19/2024 10:50:00 AM	Total Phosphorus	0.024	mg/L	MC40C	Trade St.		0.010	No
3/19/2024 10:50:00 AM	Suspended Sediment Concentration	4.5	mg/L	MC40C	Trade St.	<	4.5	No
3/19/2024 10:50:00 AM	Copper	2.1	ug/L	MC40C	Trade St.		2.0	No
3/19/2024 10:50:00 AM	Total Kjeldahl Nitrogen	0.29	mg/L	MC40C	Trade St.		0.25	No
3/19/2024 10:50:00 AM	Hardness	63	mg/L	MC40C	Trade St.		1.0	No
3/19/2024 10:50:00 AM	Magnesium	5600	ug/L	MC40C	Trade St.		1000	No
3/19/2024 10:50:00 AM	Calcium	16000	ug/L	MC40C	Trade St.		1000	No
4/16/2024 10:40:00 AM	E. Coli	1110	MPN/100 ml	MC40C	Trade St.		2	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
4/16/2024 10:40:00 AM	Total Suspended Solids	5	mg/L	MC40C	Trade St.	<	5.0	No
4/16/2024 10:40:00 AM	Nitrate/Nitrite	0.2	mg/L	MC40C	Trade St.		0.05	No
4/16/2024 10:40:00 AM	Fecal Coliform	1080	CFU/100 ml	MC40C	Trade St.		10	No
4/16/2024 10:40:00 AM	Total Phosphorus	0.024	mg/L	MC40C	Trade St.		0.010	No
4/16/2024 10:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	No
4/16/2024 10:40:00 AM	Turbidity	2.8	NTU	MC40C	Trade St.		0.50	No
4/16/2024 10:40:00 AM	Suspended Sediment Concentration	4.3	mg/L	MC40C	Trade St.	<	4.3	No
4/16/2024 10:40:00 AM	Hardness	80	mg/L	MC40C	Trade St.		1.0	No
4/16/2024 10:40:00 AM	Magnesium	6700	ug/L	MC40C	Trade St.		1000	No
4/16/2024 10:40:00 AM	Calcium	21000	ug/L	MC40C	Trade St.		1000	No
4/16/2024 10:40:00 AM	Nickel	2	ug/L	MC40C	Trade St.	<	2.0	No
4/16/2024 10:40:00 AM	Chromium	5	ug/L	MC40C	Trade St.	<	5.0	No
4/16/2024 10:40:00 AM	Total Kjeldahl Nitrogen	0.32	mg/L	MC40C	Trade St.		0.25	No
4/16/2024 10:40:00 AM	Copper	2	ug/L	MC40C	Trade St.	<	2.0	No
4/16/2024 10:40:00 AM	Lead	0.5	ug/L	MC40C	Trade St.	<	0.50	No
4/16/2024 10:40:00 AM	Zinc	10	ug/L	MC40C	Trade St.	<	10	No
5/21/2024 10:40:00 AM	Fecal Coliform	1360	CFU/100 ml	MC40C	Trade St.		20	Yes
5/21/2024 10:40:00 AM	Turbidity	9.6	NTU	MC40C	Trade St.		0.50	Yes
5/21/2024 10:40:00 AM	E. Coli	1168	MPN/100 ml	MC40C	Trade St.		10	Yes
5/21/2024 10:40:00 AM	Nitrate/Nitrite	0.56	mg/L	MC40C	Trade St.		0.05	Yes
5/21/2024 10:40:00 AM	Total Suspended Solids	5	mg/L	MC40C	Trade St.	<	5.0	Yes
5/21/2024 10:40:00 AM	Hardness	63	mg/L	MC40C	Trade St.		1.0	Yes
5/21/2024 10:40:00 AM	Suspended Sediment Concentration	4.1	mg/L	MC40C	Trade St.	<	4.1	Yes
5/21/2024 10:40:00 AM	Calcium	17000	ug/L	MC40C	Trade St.		1000	Yes
5/21/2024 10:40:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC40C	Trade St.	<	0.25	Yes
5/21/2024 10:40:00 AM	Magnesium	5100	ug/L	MC40C	Trade St.		1000	Yes
5/21/2024 10:40:00 AM	Total Phosphorus	0.043	mg/L	MC40C	Trade St.		0.010	Yes
5/21/2024 10:40:00 AM	Copper	2	ug/L	MC40C	Trade St.		2.0	Yes
5/21/2024 10:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	Yes
6/18/2024 10:45:00 AM	E. Coli	1554	MPN/100 ml	MC40C	Trade St.		1	No
6/18/2024 10:45:00 AM	Fecal Coliform	1590	CFU/100 ml	MC40C	Trade St.		10	No
6/18/2024 10:45:00 AM	Turbidity	21	NTU	MC40C	Trade St.		0.50	No
6/18/2024 10:45:00 AM	Nitrate/Nitrite	0.28	mg/L	MC40C	Trade St.		0.05	No
6/18/2024 10:45:00 AM	Total Suspended Solids	5	mg/L	MC40C	Trade St.	<	5.0	No
6/18/2024 10:45:00 AM	Total Phosphorus	0.054	mg/L	MC40C	Trade St.		0.010	No
6/18/2024 10:45:00 AM	Suspended Sediment Concentration	4.2	mg/L	MC40C	Trade St.	<	4.2	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
6/18/2024 10:45:00 AM	Total Kjeldahl Nitrogen	0.33	mg/L	MC40C	Trade St.		0.25	No
6/18/2024 10:45:00 AM	Calcium	13000	ug/L	MC40C	Trade St.		1000	No
6/18/2024 10:45:00 AM	Magnesium	3500	ug/L	MC40C	Trade St.		1000	No
6/18/2024 10:45:00 AM	Hardness	46	mg/L	MC40C	Trade St.		1.0	No
6/18/2024 10:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC40C	Trade St.	<	0.10	No
6/18/2024 10:45:00 AM	Copper	2.2	ug/L	MC40C	Trade St.		2.0	No
7/18/2023 10:20:00 AM	E. Coli	981	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1	No
7/18/2023 10:20:00 AM	Fecal Coliform	1140	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		10	No
7/18/2023 10:20:00 AM	Nitrate/Nitrite	0.35	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.05	No
7/18/2023 10:20:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	No
7/18/2023 10:20:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	No
7/18/2023 10:20:00 AM	Total Phosphorus	0.067	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	No
7/18/2023 10:20:00 AM	Turbidity	1.9	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	No
7/18/2023 10:20:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.25	No
7/18/2023 10:20:00 AM	Suspended Sediment Concentration	3.9	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	3.9	No
7/18/2023 10:20:00 AM	Chromium	5	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	No
7/18/2023 10:20:00 AM	Nickel	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	No
7/18/2023 10:20:00 AM	Magnesium	8500	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		500	No
7/18/2023 10:20:00 AM	Zinc	10	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	10	No
7/18/2023 10:20:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	No
7/18/2023 10:20:00 AM	Lead	0.5	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.50	No
7/18/2023 10:20:00 AM	Hardness	100	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	No
7/18/2023 10:20:00 AM	Calcium	26000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
8/15/2023 10:10:00 AM	Nitrate/Nitrite	0.28	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.05	No
8/15/2023 10:10:00 AM	E. Coli	123	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1	No
8/15/2023 10:10:00 AM	Fecal Coliform	107	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		10	No
8/15/2023 10:10:00 AM	Turbidity	2.2	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	No
8/15/2023 10:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	No
8/15/2023 10:10:00 AM	Suspended Sediment Concentration	4	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	4.0	No
8/15/2023 10:10:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	No
8/15/2023 10:10:00 AM	Total Phosphorus	0.081	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	No
8/15/2023 10:10:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.25	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
8/15/2023 10:10:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	No
8/15/2023 10:10:00 AM	Calcium	26000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
8/15/2023 10:10:00 AM	Magnesium	8300	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
8/15/2023 10:10:00 AM	Hardness	99	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	No
9/19/2023 9:55:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	Yes
9/19/2023 9:55:00 AM	E. Coli	236	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1	Yes
9/19/2023 9:55:00 AM	Total Phosphorus	0.065	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	Yes
9/19/2023 9:55:00 AM	Fecal Coliform	188	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		10	Yes
9/19/2023 9:55:00 AM	Nitrate/Nitrite	0.2	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.05	Yes
9/19/2023 9:55:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	Yes
9/19/2023 9:55:00 AM	Turbidity	1.9	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	Yes
9/19/2023 9:55:00 AM	Suspended Sediment Concentration	4.2	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	4.2	Yes
9/19/2023 9:55:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.25	Yes
9/19/2023 9:55:00 AM	Hardness	110	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	Yes
9/19/2023 9:55:00 AM	Calcium	28000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	Yes
9/19/2023 9:55:00 AM	Magnesium	9900	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	Yes
9/19/2023 9:55:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	Yes
9/19/2023 10:00:00 AM	Total Phosphorus	0.065	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)(Replicate)		0.010	Yes
9/19/2023 10:00:00 AM	Nitrate/Nitrite	0.18	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)(Replicate)		0.05	Yes
9/19/2023 10:00:00 AM	Fecal Coliform	260	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert) (Replicate)		10	Yes
9/19/2023 10:00:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)(Replicate)	<	5.0	Yes
9/19/2023 10:00:00 AM	E. Coli	236	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert) (Replicate)		1	Yes
9/19/2023 10:00:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)(Replicate)	<	0.10	Yes
9/19/2023 10:00:00 AM	Turbidity	2	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)(Replicate)		0.50	Yes
9/19/2023 10:00:00 AM	Suspended Sediment Concentration	3.9	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)(Replicate)	<	3.9	Yes
9/19/2023 10:00:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)(Replicate)	<	0.25	Yes
9/19/2023 10:00:00 AM	Magnesium	10000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)(Replicate)		1000	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
9/19/2023 10:00:00 AM	Calcium	29000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)(Replicate)		1000	Yes
9/19/2023 10:00:00 AM	Hardness	110	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)(Replicate)		1.0	Yes
9/19/2023 10:10:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert) (Replicate)	<	2.0	Yes
10/17/2023 10:10:00 AM	Fecal Coliform	500	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		20	No
10/17/2023 10:10:00 AM	Turbidity	2.6	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	No
10/17/2023 10:10:00 AM	Suspended Sediment Concentration	4.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	4.1	No
10/17/2023 10:10:00 AM	E. Coli	520	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		10	No
10/17/2023 10:10:00 AM	Nitrate/Nitrite	0.13	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.05	No
10/17/2023 10:10:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	No
10/17/2023 10:10:00 AM	Total Phosphorus	0.076	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	No
10/17/2023 10:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	No
10/17/2023 10:10:00 AM	Hardness	110	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	No
10/17/2023 10:10:00 AM	Calcium	29000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
10/17/2023 10:10:00 AM	Magnesium	9800	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
10/17/2023 10:10:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.25	No
10/17/2023 10:10:00 AM	Lead	0.5	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.50	No
10/17/2023 10:10:00 AM	Nickel	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	No
10/17/2023 10:10:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	No
10/17/2023 10:10:00 AM	Chromium	5	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	No
10/17/2023 10:10:00 AM	Zinc	10	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	10	No
11/21/2023 10:20:00 AM	Fecal Coliform	10800	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		100	Yes
11/21/2023 10:20:00 AM	E. Coli	5810	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		100	Yes
11/21/2023 10:20:00 AM	Nitrate/Nitrite	0.05	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.05	Yes
11/21/2023 10:20:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	Yes
11/21/2023 10:20:00 AM	Suspended Sediment Concentration	3.8	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	3.8	Yes
11/21/2023 10:20:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	Yes
11/21/2023 10:20:00 AM	Turbidity	4.2	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	Yes
11/21/2023 10:20:00 AM	Hardness	99	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	Yes
11/21/2023 10:20:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	Yes
11/21/2023 10:20:00 AM	Total Phosphorus	0.094	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
11/21/2023 10:20:00 AM	Calcium	25000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	Yes
11/21/2023 10:20:00 AM	Total Kjeldahl Nitrogen	0.28	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.25	Yes
11/21/2023 10:20:00 AM	Magnesium	8800	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	Yes
12/19/2023 10:10:00 AM	Total Suspended Solids	5.6	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		5.0	Yes
12/19/2023 10:10:00 AM	E. Coli	1870	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		100	Yes
12/19/2023 10:10:00 AM	Nitrate/Nitrite	0.54	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.05	Yes
12/19/2023 10:10:00 AM	Fecal Coliform	1440	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		100	Yes
12/19/2023 10:10:00 AM	Suspended Sediment Concentration	4.3	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	4.3	Yes
12/19/2023 10:10:00 AM	Total Phosphorus	0.094	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	Yes
12/19/2023 10:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	Yes
12/19/2023 10:10:00 AM	Turbidity	25	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	Yes
12/19/2023 10:10:00 AM	Total Kjeldahl Nitrogen	0.58	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.25	Yes
12/19/2023 10:10:00 AM	Calcium	20000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	Yes
12/19/2023 10:10:00 AM	Magnesium	5700	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	Yes
12/19/2023 10:10:00 AM	Hardness	73	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	Yes
12/19/2023 10:10:00 AM	Copper	2.2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		2.0	Yes
1/16/2024 10:20:00 AM	E. Coli	310	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		100	Yes
1/16/2024 10:20:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	Yes
1/16/2024 10:20:00 AM	Fecal Coliform	500	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		100	Yes
1/16/2024 10:20:00 AM	Nitrate/Nitrite	0.46	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.05	Yes
1/16/2024 10:20:00 AM	Total Phosphorus	0.051	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	Yes
1/16/2024 10:20:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	Yes
1/16/2024 10:20:00 AM	Turbidity	16	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	Yes
1/16/2024 10:20:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.25	Yes
1/16/2024 10:20:00 AM	Suspended Sediment Concentration	4.2	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	4.2	Yes
1/16/2024 10:20:00 AM	Chromium	5	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	Yes
1/16/2024 10:20:00 AM	Nickel	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	Yes
1/16/2024 10:20:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	Yes
1/16/2024 10:20:00 AM	Zinc	10	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	10	Yes
1/16/2024 10:20:00 AM	Lead	0.5	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.50	Yes
1/16/2024 10:20:00 AM	Hardness	60	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
1/16/2024 10:20:00 AM	Magnesium	5400	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	Yes
1/16/2024 10:20:00 AM	Calcium	15000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	Yes
2/20/2024 10:10:00 AM	Fecal Coliform	280	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		10	No
2/20/2024 10:10:00 AM	Suspended Sediment Concentration	4.2	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	4.2	No
2/20/2024 10:10:00 AM	E. Coli	223	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1	No
2/20/2024 10:10:00 AM	Turbidity	3.8	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	No
2/20/2024 10:10:00 AM	Nitrate/Nitrite	0.16	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.05	No
2/20/2024 10:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	No
2/20/2024 10:10:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	No
2/20/2024 10:10:00 AM	Total Phosphorus	0.025	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	No
2/20/2024 10:10:00 AM	Magnesium	7500	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
2/20/2024 10:10:00 AM	Hardness	83	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	No
2/20/2024 10:10:00 AM	Calcium	21000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
2/20/2024 10:10:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.25	No
2/20/2024 10:10:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	No
3/19/2024 10:05:00 AM	Suspended Sediment Concentration	4.2	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	4.2	No
3/19/2024 10:05:00 AM	Total Phosphorus	0.037	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	No
3/19/2024 10:05:00 AM	Turbidity	9.3	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	No
3/19/2024 10:05:00 AM	E. Coli	426	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		10	No
3/19/2024 10:05:00 AM	Fecal Coliform	420	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		20	No
3/19/2024 10:05:00 AM	Nitrate/Nitrite	0.24	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.05	No
3/19/2024 10:05:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	No
3/19/2024 10:05:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	No
3/19/2024 10:05:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	No
3/19/2024 10:05:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.25	No
3/19/2024 10:05:00 AM	Calcium	18000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
3/19/2024 10:05:00 AM	Hardness	75	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	No
3/19/2024 10:05:00 AM	Magnesium	7300	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
4/16/2024 9:35:00 AM	Turbidity	3.8	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	No
4/16/2024 9:35:00 AM	E. Coli	129	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1	No
4/16/2024 9:35:00 AM	Nitrate/Nitrite	0.21	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.05	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
4/16/2024 9:35:00 AM	Fecal Coliform	200	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		10	No
4/16/2024 9:35:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	No
4/16/2024 9:35:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	No
4/16/2024 9:35:00 AM	Total Phosphorus	0.039	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	No
4/16/2024 9:35:00 AM	Suspended Sediment Concentration	3.9	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	3.9	No
4/16/2024 9:35:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.25	No
4/16/2024 9:35:00 AM	Chromium	5	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	No
4/16/2024 9:35:00 AM	Zinc	10	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	10	No
4/16/2024 9:35:00 AM	Lead	0.5	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.50	No
4/16/2024 9:35:00 AM	Nickel	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	No
4/16/2024 9:35:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	No
4/16/2024 9:35:00 AM	Hardness	99	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	No
4/16/2024 9:35:00 AM	Magnesium	8800	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
4/16/2024 9:35:00 AM	Calcium	25000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
5/21/2024 10:00:00 AM	Nitrate/Nitrite	0.47	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.05	Yes
5/21/2024 10:00:00 AM	E. Coli	521	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		10	Yes
5/21/2024 10:00:00 AM	Turbidity	7.2	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	Yes
5/21/2024 10:00:00 AM	Fecal Coliform	324	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		20	Yes
5/21/2024 10:00:00 AM	Calcium	20000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	Yes
5/21/2024 10:00:00 AM	Suspended Sediment Concentration	3.9	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	3.9	Yes
5/21/2024 10:00:00 AM	Hardness	80	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	Yes
5/21/2024 10:00:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	Yes
5/21/2024 10:00:00 AM	Total Kjeldahl Nitrogen	0.32	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.25	Yes
5/21/2024 10:00:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	Yes
5/21/2024 10:00:00 AM	Magnesium	7200	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	Yes
5/21/2024 10:00:00 AM	Total Phosphorus	0.066	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	Yes
5/21/2024 10:00:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	Yes
6/18/2024 10:00:00 AM	Fecal Coliform	182	CFU/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		10	No
6/18/2024 10:00:00 AM	E. Coli	167	MPN/100 ml	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1	No
6/18/2024 10:00:00 AM	Turbidity	4	NTU	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.50	No
6/18/2024 10:00:00 AM	Nitrate/Nitrite	0.44	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.05	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
6/18/2024 10:00:00 AM	Total Suspended Solids	5	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	5.0	No
6/18/2024 10:00:00 AM	Total Phosphorus	0.068	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		0.010	No
6/18/2024 10:00:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.25	No
6/18/2024 10:00:00 AM	Suspended Sediment Concentration	3.9	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	3.9	No
6/18/2024 10:00:00 AM	Magnesium	9400	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
6/18/2024 10:00:00 AM	Hardness	110	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1.0	No
6/18/2024 10:00:00 AM	Calcium	27000	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)		1000	No
6/18/2024 10:00:00 AM	Ammonia-Nitrogen	0.1	mg/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	0.10	No
6/18/2024 10:00:00 AM	Copper	2	ug/L	MC50	Gar Crk, Beatties Ford Rd. (Culvert)	<	2.0	No
7/18/2023 12:05:00 PM	E. Coli	261	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		1	No
7/18/2023 12:05:00 PM	Ammonia-Nitrogen	0.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.10	No
7/18/2023 12:05:00 PM	Nitrate/Nitrite	0.48	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	No
7/18/2023 12:05:00 PM	Total Suspended Solids	5.2	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		5.0	No
7/18/2023 12:05:00 PM	Fecal Coliform	220	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		10	No
7/18/2023 12:05:00 PM	Total Phosphorus	0.051	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.010	No
7/18/2023 12:05:00 PM	Total Kjeldahl Nitrogen	0.25	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.25	No
7/18/2023 12:05:00 PM	Suspended Sediment Concentration	4	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	4.0	No
7/18/2023 12:05:00 PM	Turbidity	9.1	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	No
7/18/2023 12:05:00 PM	Nickel	2	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	2.0	No
7/18/2023 12:05:00 PM	Chromium	5	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	5.0	No
7/18/2023 12:05:00 PM	Calcium	20000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		500	No
7/18/2023 12:05:00 PM	Magnesium	5900	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		500	No
7/18/2023 12:05:00 PM	Hardness	74	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	No
7/18/2023 12:05:00 PM	Lead	0.5	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.50	No
7/18/2023 12:05:00 PM	Copper	2	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	2.0	No
7/18/2023 12:05:00 PM	Zinc	10	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	10	No
8/15/2023 11:50:00 AM	E. Coli	109	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		1	No
8/15/2023 11:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.10	No
8/15/2023 11:50:00 AM	Fecal Coliform	88	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		10	No
8/15/2023 11:50:00 AM	Turbidity	6	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	No
8/15/2023 11:50:00 AM	Suspended Sediment Concentration	4.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	4.1	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
8/15/2023 11:50:00 AM	Nitrate/Nitrite	0.75	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	No
8/15/2023 11:50:00 AM	Total Phosphorus	0.05	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.010	No
8/15/2023 11:50:00 AM	Total Suspended Solids	5	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	5.0	No
8/15/2023 11:50:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.25	No
8/15/2023 11:50:00 AM	Copper	2	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	2.0	No
8/15/2023 11:50:00 AM	Hardness	71	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	No
8/15/2023 11:50:00 AM	Magnesium	5600	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No
8/15/2023 11:50:00 AM	Calcium	19000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No
9/19/2023 12:30:00 PM	Fecal Coliform	700	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		10	Yes
9/19/2023 12:30:00 PM	Total Suspended Solids	10.4	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		5.0	Yes
9/19/2023 12:30:00 PM	Ammonia-Nitrogen	0.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.10	Yes
9/19/2023 12:30:00 PM	Nitrate/Nitrite	0.52	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	Yes
9/19/2023 12:30:00 PM	Turbidity	18	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	Yes
9/19/2023 12:30:00 PM	Total Phosphorus	0.166	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.010	Yes
9/19/2023 12:30:00 PM	E. Coli	345	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		1	Yes
9/19/2023 12:30:00 PM	Suspended Sediment Concentration	5.2	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		4.0	Yes
9/19/2023 12:30:00 PM	Total Kjeldahl Nitrogen	0.86	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	Yes
9/19/2023 12:30:00 PM	Calcium	19000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	Yes
9/19/2023 12:30:00 PM	Hardness	69	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	Yes
9/19/2023 12:30:00 PM	Magnesium	5200	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	Yes
9/19/2023 12:30:00 PM	Copper	2.2	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		2.0	Yes
10/17/2023 11:55:00 AM	Fecal Coliform	231	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		20	No
10/17/2023 11:55:00 AM	Suspended Sediment Concentration	4.3	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	4.3	No
10/17/2023 11:55:00 AM	E. Coli	241	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		10	No
10/17/2023 11:55:00 AM	Nitrate/Nitrite	1.7	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	No
10/17/2023 11:55:00 AM	Turbidity	3.8	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	No
10/17/2023 11:55:00 AM	Ammonia-Nitrogen	0.21	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.10	No
10/17/2023 11:55:00 AM	Total Suspended Solids	5	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	5.0	No
10/17/2023 11:55:00 AM	Total Phosphorus	0.145	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.010	No
10/17/2023 11:55:00 AM	Magnesium	6300	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No
10/17/2023 11:55:00 AM	Calcium	21000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
10/17/2023 11:55:00 AM	Hardness	78	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	No
10/17/2023 11:55:00 AM	Total Kjeldahl Nitrogen	0.51	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	No
10/17/2023 11:55:00 AM	Lead	0.5	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.50	No
10/17/2023 11:55:00 AM	Copper	2.9	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		2.0	No
10/17/2023 11:55:00 AM	Zinc	10	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	10	No
10/17/2023 11:55:00 AM	Chromium	5	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	5.0	No
10/17/2023 11:55:00 AM	Nickel	2	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	2.0	No
11/21/2023 12:10:00 PM	E. Coli	10710	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		100	Yes
11/21/2023 12:10:00 PM	Turbidity	70	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	Yes
11/21/2023 12:10:00 PM	Total Suspended Solids	99	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		12.5	Yes
11/21/2023 12:10:00 PM	Nitrate/Nitrite	1.5	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	Yes
11/21/2023 12:10:00 PM	Ammonia-Nitrogen	0.13	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.10	Yes
11/21/2023 12:10:00 PM	Fecal Coliform	11000	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		100	Yes
11/21/2023 12:10:00 PM	Suspended Sediment Concentration	130	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		4.5	Yes
11/21/2023 12:10:00 PM	Total Phosphorus	0.62	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.10	Yes
11/21/2023 12:10:00 PM	Total Kjeldahl Nitrogen	1.3	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	Yes
11/21/2023 12:10:00 PM	Magnesium	7600	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	Yes
11/21/2023 12:10:00 PM	Hardness	81	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	Yes
11/21/2023 12:10:00 PM	Calcium	20000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	Yes
11/21/2023 12:10:00 PM	Copper	3.6	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		2.0	Yes
12/19/2023 12:15:00 PM	Nitrate/Nitrite	0.64	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.05	Yes
12/19/2023 12:15:00 PM	Total Suspended Solids	30	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		5.0	Yes
12/19/2023 12:15:00 PM	E. Coli	750	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		100	Yes
12/19/2023 12:15:00 PM	Fecal Coliform	375	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		100	Yes
12/19/2023 12:15:00 PM	Suspended Sediment Concentration	22	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		4.6	Yes
12/19/2023 12:15:00 PM	Turbidity	100	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	Yes
12/19/2023 12:15:00 PM	Ammonia-Nitrogen	0.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.10	Yes
12/19/2023 12:15:00 PM	Total Phosphorus	0.191	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.010	Yes
12/19/2023 12:15:00 PM	Total Kjeldahl Nitrogen	0.64	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	Yes
12/19/2023 12:15:00 PM	Calcium	11000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	Yes
12/19/2023 12:15:00 PM	Hardness	44	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
12/19/2023 12:15:00 PM	Magnesium	3900	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	Yes
12/19/2023 12:15:00 PM	Copper	2.6	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		2.0	Yes
1/16/2024 12:05:00 PM	Nitrate/Nitrite	1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.05	Yes
1/16/2024 12:05:00 PM	Ammonia-Nitrogen	0.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.10	Yes
1/16/2024 12:05:00 PM	E. Coli	310	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		100	Yes
1/16/2024 12:05:00 PM	Fecal Coliform	188	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		100	Yes
1/16/2024 12:05:00 PM	Total Suspended Solids	24.8	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		5.0	Yes
1/16/2024 12:05:00 PM	Total Phosphorus	0.239	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.020	Yes
1/16/2024 12:05:00 PM	Turbidity	100	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	Yes
1/16/2024 12:05:00 PM	Total Kjeldahl Nitrogen	0.41	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	Yes
1/16/2024 12:05:00 PM	Suspended Sediment Concentration	21	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		4.1	Yes
1/16/2024 12:05:00 PM	Chromium	5	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	5.0	Yes
1/16/2024 12:05:00 PM	Nickel	2.3	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		2.0	Yes
1/16/2024 12:05:00 PM	Copper	3.2	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		2.0	Yes
1/16/2024 12:05:00 PM	Zinc	10	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	10	Yes
1/16/2024 12:05:00 PM	Lead	0.5	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.50	Yes
1/16/2024 12:05:00 PM	Magnesium	3900	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	Yes
1/16/2024 12:05:00 PM	Hardness	44	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	Yes
1/16/2024 12:05:00 PM	Calcium	11000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	Yes
1/16/2024 12:10:00 PM	E. Coli	200	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge) (Replicate)		100	Yes
1/16/2024 12:10:00 PM	Ammonia-Nitrogen	0.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		0.10	Yes
1/16/2024 12:10:00 PM	Fecal Coliform	438	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge) (Replicate)		100	Yes
1/16/2024 12:10:00 PM	Nitrate/Nitrite	1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		0.05	Yes
1/16/2024 12:10:00 PM	Total Phosphorus	0.244	mg/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		0.020	Yes
1/16/2024 12:10:00 PM	Turbidity	100	NTU	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		0.50	Yes
1/16/2024 12:10:00 PM	Total Suspended Solids	26.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		6.7	Yes
1/16/2024 12:10:00 PM	Suspended Sediment Concentration	20	mg/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		4.3	Yes
1/16/2024 12:10:00 PM	Copper	3.6	ug/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		2.0	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
1/16/2024 12:10:00 PM	Zinc	10	ug/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)	<	10	Yes
1/16/2024 12:10:00 PM	Nickel	2.5	ug/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		2.0	Yes
1/16/2024 12:10:00 PM	Chromium	5	ug/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)	<	5.0	Yes
1/16/2024 12:10:00 PM	Lead	0.5	ug/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)	<	0.50	Yes
1/16/2024 12:10:00 PM	Total Kjeldahl Nitrogen	0.54	mg/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		0.25	Yes
1/16/2024 12:10:00 PM	Hardness	44	mg/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		1.0	Yes
1/16/2024 12:10:00 PM	Magnesium	4000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		1000	Yes
1/16/2024 12:10:00 PM	Calcium	11000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)(replicate)		1000	Yes
2/20/2024 11:45:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	3.9	No
2/20/2024 11:45:00 AM	E. Coli	388	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		1	No
2/20/2024 11:45:00 AM	Nitrate/Nitrite	0.59	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	No
2/20/2024 11:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.10	No
2/20/2024 11:45:00 AM	Total Suspended Solids	5.6	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		5.0	No
2/20/2024 11:45:00 AM	Fecal Coliform	320	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		10	No
2/20/2024 11:45:00 AM	Turbidity	22	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	No
2/20/2024 11:45:00 AM	Total Phosphorus	0.062	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.010	No
2/20/2024 11:45:00 AM	Calcium	18000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No
2/20/2024 11:45:00 AM	Hardness	69	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	No
2/20/2024 11:45:00 AM	Magnesium	5900	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No
2/20/2024 11:45:00 AM	Copper	2	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	2.0	No
2/20/2024 11:45:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.25	No
3/19/2024 11:40:00 AM	Total Suspended Solids	10.6	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		5.0	No
3/19/2024 11:40:00 AM	Turbidity	28	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	No
3/19/2024 11:40:00 AM	Suspended Sediment Concentration	6.9	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		4.1	No
3/19/2024 11:40:00 AM	E. Coli	179	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		10	No
3/19/2024 11:40:00 AM	Fecal Coliform	93	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		20	No
3/19/2024 11:40:00 AM	Nitrate/Nitrite	0.48	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.05	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
3/19/2024 11:40:00 AM	Total Phosphorus	0.058	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.010	No
3/19/2024 11:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.10	No
3/19/2024 11:40:00 AM	Total Kjeldahl Nitrogen	0.26	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	No
3/19/2024 11:40:00 AM	Copper	2	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	2.0	No
3/19/2024 11:40:00 AM	Magnesium	5700	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No
3/19/2024 11:40:00 AM	Hardness	63	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	No
3/19/2024 11:40:00 AM	Calcium	16000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No
4/16/2024 11:10:00 AM	Fecal Coliform	125	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		10	No
4/16/2024 11:10:00 AM	E. Coli	91	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		1	No
4/16/2024 11:10:00 AM	Nitrate/Nitrite	0.69	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	No
4/16/2024 11:10:00 AM	Total Suspended Solids	5	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	5.0	No
4/16/2024 11:10:00 AM	Turbidity	6.1	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	No
4/16/2024 11:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.10	No
4/16/2024 11:10:00 AM	Total Phosphorus	0.07	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.010	No
4/16/2024 11:10:00 AM	Suspended Sediment Concentration	4	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	4.0	No
4/16/2024 11:10:00 AM	Total Kjeldahl Nitrogen	0.33	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	No
4/16/2024 11:10:00 AM	Zinc	10	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	10	No
4/16/2024 11:10:00 AM	Copper	2.3	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		2.0	No
4/16/2024 11:10:00 AM	Lead	0.68	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		0.50	No
4/16/2024 11:10:00 AM	Nickel	2	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	2.0	No
4/16/2024 11:10:00 AM	Chromium	5	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	5.0	No
4/16/2024 11:10:00 AM	Calcium	21000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No
4/16/2024 11:10:00 AM	Hardness	82	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	No
4/16/2024 11:10:00 AM	Magnesium	7100	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No
5/21/2024 11:45:00 AM	Fecal Coliform	77	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		20	Yes
5/21/2024 11:45:00 AM	Turbidity	45	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	Yes
5/21/2024 11:45:00 AM	Nitrate/Nitrite	0.54	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.05	Yes
5/21/2024 11:45:00 AM	E. Coli	295	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		10	Yes
5/21/2024 11:45:00 AM	Copper	2.1	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		2.0	Yes
5/21/2024 11:45:00 AM	Total Kjeldahl Nitrogen	0.43	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	Yes
5/21/2024 11:45:00 AM	Magnesium	5300	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	Yes
5/21/2024 11:45:00 AM	Total Suspended Solids	19.4	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		14.3	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
5/21/2024 11:45:00 AM	Calcium	16000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	Yes
5/21/2024 11:45:00 AM	Suspended Sediment Concentration	17	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		3.9	Yes
5/21/2024 11:45:00 AM	Total Phosphorus	0.111	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.010	Yes
5/21/2024 11:45:00 AM	Hardness	62	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	Yes
5/21/2024 11:45:00 AM	Ammonia-Nitrogen	0.16	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.10	Yes
6/18/2024 11:35:00 AM	E. Coli	462	MPN/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		1	No
6/18/2024 11:35:00 AM	Fecal Coliform	300	CFU/100 ml	MY10	Clarke Creek, Harris Road (Bridge)		10	No
6/18/2024 11:35:00 AM	Nitrate/Nitrite	1.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	No
6/18/2024 11:35:00 AM	Turbidity	2.9	NTU	MY10	Clarke Creek, Harris Road (Bridge)		0.50	No
6/18/2024 11:35:00 AM	Total Suspended Solids	5	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	5.0	No
6/18/2024 11:35:00 AM	Total Phosphorus	0.143	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.010	No
6/18/2024 11:35:00 AM	Suspended Sediment Concentration	4.2	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	4.2	No
6/18/2024 11:35:00 AM	Total Kjeldahl Nitrogen	0.32	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		0.25	No
6/18/2024 11:35:00 AM	Magnesium	7000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No
6/18/2024 11:35:00 AM	Calcium	23000	ug/L	MY10	Clarke Creek, Harris Road (Bridge)		1000	No
6/18/2024 11:35:00 AM	Hardness	85	mg/L	MY10	Clarke Creek, Harris Road (Bridge)		1.0	No
6/18/2024 11:35:00 AM	Copper	2	ug/L	MY10	Clarke Creek, Harris Road (Bridge)	<	2.0	No
6/18/2024 11:35:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY10	Clarke Creek, Harris Road (Bridge)	<	0.10	No
7/18/2023 9:45:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	No
7/18/2023 9:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	No
7/18/2023 9:45:00 AM	Fecal Coliform	665	CFU/100 ml	MY14	Duck Creek at Tara Oaks		10	No
7/18/2023 9:45:00 AM	E. Coli	867	MPN/100 ml	MY14	Duck Creek at Tara Oaks		1	No
7/18/2023 9:45:00 AM	Nitrate/Nitrite	13	mg/L	MY14	Duck Creek at Tara Oaks		0.50	No
7/18/2023 9:45:00 AM	Suspended Sediment Concentration	4.2	mg/L	MY14	Duck Creek at Tara Oaks	<	4.2	No
7/18/2023 9:45:00 AM	Total Phosphorus	1.5	mg/L	MY14	Duck Creek at Tara Oaks		0.100	No
7/18/2023 9:45:00 AM	Turbidity	1.6	NTU	MY14	Duck Creek at Tara Oaks		0.50	No
7/18/2023 9:45:00 AM	Total Kjeldahl Nitrogen	0.49	mg/L	MY14	Duck Creek at Tara Oaks		0.25	No
7/18/2023 9:45:00 AM	Nickel	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	No
7/18/2023 9:45:00 AM	Chromium	5	ug/L	MY14	Duck Creek at Tara Oaks	<	5.0	No
7/18/2023 9:45:00 AM	Magnesium	5600	ug/L	MY14	Duck Creek at Tara Oaks		500	No
7/18/2023 9:45:00 AM	Zinc	10	ug/L	MY14	Duck Creek at Tara Oaks	<	10	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
7/18/2023 9:45:00 AM	Lead	0.5	ug/L	MY14	Duck Creek at Tara Oaks	<	0.50	No
7/18/2023 9:45:00 AM	Copper	2.3	ug/L	MY14	Duck Creek at Tara Oaks		2.0	No
7/18/2023 9:45:00 AM	Hardness	95	mg/L	MY14	Duck Creek at Tara Oaks		1.0	No
7/18/2023 9:45:00 AM	Calcium	29000	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
8/15/2023 9:50:00 AM	Turbidity	2.7	NTU	MY14	Duck Creek at Tara Oaks		0.50	No
8/15/2023 9:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	No
8/15/2023 9:50:00 AM	Fecal Coliform	220	CFU/100 ml	MY14	Duck Creek at Tara Oaks		10	No
8/15/2023 9:50:00 AM	Nitrate/Nitrite	17	mg/L	MY14	Duck Creek at Tara Oaks		0.50	No
8/15/2023 9:50:00 AM	E. Coli	308	MPN/100 ml	MY14	Duck Creek at Tara Oaks		1	No
8/15/2023 9:50:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY14	Duck Creek at Tara Oaks	<	3.9	No
8/15/2023 9:50:00 AM	Total Phosphorus	1.77	mg/L	MY14	Duck Creek at Tara Oaks		0.200	No
8/15/2023 9:50:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	No
8/15/2023 9:50:00 AM	Copper	2.5	ug/L	MY14	Duck Creek at Tara Oaks		2.0	No
8/15/2023 9:50:00 AM	Hardness	100	mg/L	MY14	Duck Creek at Tara Oaks		1.0	No
8/15/2023 9:50:00 AM	Calcium	33000	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
8/15/2023 9:50:00 AM	Magnesium	5500	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
8/15/2023 9:50:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY14	Duck Creek at Tara Oaks	<	0.25	No
8/15/2023 9:55:00 AM	Fecal Coliform	200	CFU/100 ml	MY14	Duck Creek at Tara Oaks (Replicate)		10	No
8/15/2023 9:55:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY14	Duck Creek at Tara Oaks (Replicate)	<	3.9	No
8/15/2023 9:55:00 AM	Nitrate/Nitrite	17	mg/L	MY14	Duck Creek at Tara Oaks (Replicate)		0.50	No
8/15/2023 9:55:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks (Replicate)	<	0.10	No
8/15/2023 9:55:00 AM	E. Coli	304	MPN/100 ml	MY14	Duck Creek at Tara Oaks (Replicate)		2	No
8/15/2023 9:55:00 AM	Turbidity	2.9	NTU	MY14	Duck Creek at Tara Oaks (Replicate)		0.50	No
8/15/2023 9:55:00 AM	Total Phosphorus	1.8	mg/L	MY14	Duck Creek at Tara Oaks (Replicate)		0.200	No
8/15/2023 9:55:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks (Replicate)	<	5.0	No
8/15/2023 9:55:00 AM	Copper	2.5	ug/L	MY14	Duck Creek at Tara Oaks (Replicate)		2.0	No
8/15/2023 9:55:00 AM	Calcium	34000	ug/L	MY14	Duck Creek at Tara Oaks (Replicate)		1000	No
8/15/2023 9:55:00 AM	Hardness	110	mg/L	MY14	Duck Creek at Tara Oaks (Replicate)		1.0	No
8/15/2023 9:55:00 AM	Magnesium	5400	ug/L	MY14	Duck Creek at Tara Oaks (Replicate)		1000	No
8/15/2023 9:55:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY14	Duck Creek at Tara Oaks (Replicate)	<	0.25	No
9/19/2023 9:30:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
9/19/2023 9:30:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	Yes
9/19/2023 9:30:00 AM	Nitrate/Nitrite	4.1	mg/L	MY14	Duck Creek at Tara Oaks		0.50	Yes
9/19/2023 9:30:00 AM	Turbidity	4.6	NTU	MY14	Duck Creek at Tara Oaks		0.50	Yes
9/19/2023 9:30:00 AM	Total Phosphorus	0.602	mg/L	MY14	Duck Creek at Tara Oaks		0.050	Yes
9/19/2023 9:30:00 AM	Fecal Coliform	230	CFU/100 ml	MY14	Duck Creek at Tara Oaks		10	Yes
9/19/2023 9:30:00 AM	E. Coli	276	MPN/100 ml	MY14	Duck Creek at Tara Oaks		1	Yes
9/19/2023 9:30:00 AM	Suspended Sediment Concentration	4.2	mg/L	MY14	Duck Creek at Tara Oaks	<	4.2	Yes
9/19/2023 9:30:00 AM	Total Kjeldahl Nitrogen	0.59	mg/L	MY14	Duck Creek at Tara Oaks		0.25	Yes
9/19/2023 9:30:00 AM	Copper	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	Yes
9/19/2023 9:30:00 AM	Hardness	70	mg/L	MY14	Duck Creek at Tara Oaks		1.0	Yes
9/19/2023 9:30:00 AM	Calcium	20000	ug/L	MY14	Duck Creek at Tara Oaks		1000	Yes
9/19/2023 9:30:00 AM	Magnesium	4800	ug/L	MY14	Duck Creek at Tara Oaks		1000	Yes
10/17/2023 9:40:00 AM	E. Coli	170	MPN/100 ml	MY14	Duck Creek at Tara Oaks		10	Yes
10/17/2023 9:40:00 AM	Suspended Sediment Concentration	4.4	mg/L	MY14	Duck Creek at Tara Oaks	<	4.4	Yes
10/17/2023 9:40:00 AM	Nitrate/Nitrite	14	mg/L	MY14	Duck Creek at Tara Oaks		0.50	Yes
10/17/2023 9:40:00 AM	Fecal Coliform	1140	CFU/100 ml	MY14	Duck Creek at Tara Oaks		20	Yes
10/17/2023 9:40:00 AM	Turbidity	0.95	NTU	MY14	Duck Creek at Tara Oaks		0.50	Yes
10/17/2023 9:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	Yes
10/17/2023 9:40:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	Yes
10/17/2023 9:40:00 AM	Total Phosphorus	1.4	mg/L	MY14	Duck Creek at Tara Oaks		0.10	Yes
10/17/2023 9:40:00 AM	Nickel	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	No
10/17/2023 9:40:00 AM	Magnesium	5800	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
10/17/2023 9:40:00 AM	Hardness	100	mg/L	MY14	Duck Creek at Tara Oaks		1.0	No
10/17/2023 9:40:00 AM	Calcium	31000	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
10/17/2023 9:40:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY14	Duck Creek at Tara Oaks	<	0.25	No
10/17/2023 9:40:00 AM	Zinc	10	ug/L	MY14	Duck Creek at Tara Oaks	<	10	No
10/17/2023 9:40:00 AM	Lead	0.5	ug/L	MY14	Duck Creek at Tara Oaks	<	0.50	No
10/17/2023 9:40:00 AM	Copper	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	No
10/17/2023 9:40:00 AM	Chromium	5	ug/L	MY14	Duck Creek at Tara Oaks	<	5.0	No
11/21/2023 9:15:00 AM	Nitrate/Nitrite	12	mg/L	MY14	Duck Creek at Tara Oaks		0.50	Yes
11/21/2023 9:15:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
11/21/2023 9:15:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	Yes
11/21/2023 9:15:00 AM	Fecal Coliform	1500	CFU/100 ml	MY14	Duck Creek at Tara Oaks		100	Yes
11/21/2023 9:15:00 AM	Turbidity	1.2	NTU	MY14	Duck Creek at Tara Oaks		0.50	Yes
11/21/2023 9:15:00 AM	E. Coli	1080	MPN/100 ml	MY14	Duck Creek at Tara Oaks		100	Yes
11/21/2023 9:15:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY14	Duck Creek at Tara Oaks	<	3.9	Yes
11/21/2023 9:15:00 AM	Total Phosphorus	1.4	mg/L	MY14	Duck Creek at Tara Oaks		0.10	Yes
11/21/2023 9:15:00 AM	Copper	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	Yes
11/21/2023 9:15:00 AM	Total Kjeldahl Nitrogen	0.7	mg/L	MY14	Duck Creek at Tara Oaks		0.25	Yes
11/21/2023 9:15:00 AM	Hardness	95	mg/L	MY14	Duck Creek at Tara Oaks		1.0	Yes
11/21/2023 9:15:00 AM	Calcium	28000	ug/L	MY14	Duck Creek at Tara Oaks		1000	Yes
11/21/2023 9:15:00 AM	Magnesium	6000	ug/L	MY14	Duck Creek at Tara Oaks		1000	Yes
12/19/2023 10:00:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	Yes
12/19/2023 10:00:00 AM	Nitrate/Nitrite	1.4	mg/L	MY14	Duck Creek at Tara Oaks		0.50	Yes
12/19/2023 10:00:00 AM	E. Coli	1350	MPN/100 ml	MY14	Duck Creek at Tara Oaks		100	Yes
12/19/2023 10:00:00 AM	Fecal Coliform	1100	CFU/100 ml	MY14	Duck Creek at Tara Oaks		100	Yes
12/19/2023 10:00:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY14	Duck Creek at Tara Oaks	<	3.9	Yes
12/19/2023 10:00:00 AM	Turbidity	39	NTU	MY14	Duck Creek at Tara Oaks		0.50	Yes
12/19/2023 10:00:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	Yes
12/19/2023 10:00:00 AM	Total Phosphorus	0.179	mg/L	MY14	Duck Creek at Tara Oaks		0.010	Yes
12/19/2023 10:00:00 AM	Total Kjeldahl Nitrogen	0.58	mg/L	MY14	Duck Creek at Tara Oaks		0.25	Yes
12/19/2023 10:00:00 AM	Magnesium	3100	ug/L	MY14	Duck Creek at Tara Oaks		1000	Yes
12/19/2023 10:00:00 AM	Calcium	9800	ug/L	MY14	Duck Creek at Tara Oaks		1000	Yes
12/19/2023 10:00:00 AM	Hardness	37	mg/L	MY14	Duck Creek at Tara Oaks		1.0	Yes
12/19/2023 10:00:00 AM	Copper	2.7	ug/L	MY14	Duck Creek at Tara Oaks		2.0	Yes
1/16/2024 9:30:00 AM	E. Coli	200	MPN/100 ml	MY14	Duck Creek at Tara Oaks		100	Yes
1/16/2024 9:30:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	Yes
1/16/2024 9:30:00 AM	Nitrate/Nitrite	1.3	mg/L	MY14	Duck Creek at Tara Oaks		0.25	Yes
1/16/2024 9:30:00 AM	Fecal Coliform	438	CFU/100 ml	MY14	Duck Creek at Tara Oaks		100	Yes
1/16/2024 9:30:00 AM	Turbidity	28	NTU	MY14	Duck Creek at Tara Oaks		0.50	Yes
1/16/2024 9:30:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	Yes
1/16/2024 9:30:00 AM	Total Phosphorus	0.146	mg/L	MY14	Duck Creek at Tara Oaks		0.010	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
1/16/2024 9:30:00 AM	Total Kjeldahl Nitrogen	0.33	mg/L	MY14	Duck Creek at Tara Oaks		0.25	Yes
1/16/2024 9:30:00 AM	Nickel	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	Yes
1/16/2024 9:30:00 AM	Chromium	5	ug/L	MY14	Duck Creek at Tara Oaks	<	5.0	Yes
1/16/2024 9:30:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY14	Duck Creek at Tara Oaks	<	3.9	Yes
1/16/2024 9:30:00 AM	Zinc	10	ug/L	MY14	Duck Creek at Tara Oaks	<	10	Yes
1/16/2024 9:30:00 AM	Copper	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	Yes
1/16/2024 9:30:00 AM	Lead	0.5	ug/L	MY14	Duck Creek at Tara Oaks	<	0.50	Yes
1/16/2024 9:30:00 AM	Hardness	42	mg/L	MY14	Duck Creek at Tara Oaks		1.0	Yes
1/16/2024 9:30:00 AM	Magnesium	3500	ug/L	MY14	Duck Creek at Tara Oaks		1000	Yes
1/16/2024 9:30:00 AM	Calcium	11000	ug/L	MY14	Duck Creek at Tara Oaks		1000	Yes
2/20/2024 9:25:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	No
2/20/2024 9:25:00 AM	Nitrate/Nitrite	1.3	mg/L	MY14	Duck Creek at Tara Oaks		0.25	No
2/20/2024 9:25:00 AM	Turbidity	3.8	NTU	MY14	Duck Creek at Tara Oaks		0.50	No
2/20/2024 9:25:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	No
2/20/2024 9:25:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY14	Duck Creek at Tara Oaks	<	3.9	No
2/20/2024 9:25:00 AM	Fecal Coliform	169	CFU/100 ml	MY14	Duck Creek at Tara Oaks		10	No
2/20/2024 9:25:00 AM	E. Coli	326	MPN/100 ml	MY14	Duck Creek at Tara Oaks		1	No
2/20/2024 9:25:00 AM	Total Kjeldahl Nitrogen	0.27	mg/L	MY14	Duck Creek at Tara Oaks		0.25	No
2/20/2024 9:25:00 AM	Total Phosphorus	0.165	mg/L	MY14	Duck Creek at Tara Oaks		0.010	No
2/20/2024 9:25:00 AM	Hardness	60	mg/L	MY14	Duck Creek at Tara Oaks		1.0	No
2/20/2024 9:25:00 AM	Calcium	16000	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
2/20/2024 9:25:00 AM	Magnesium	4900	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
2/20/2024 9:25:00 AM	Copper	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	No
3/19/2024 9:25:00 AM	Turbidity	9.2	NTU	MY14	Duck Creek at Tara Oaks		0.50	No
3/19/2024 9:25:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	No
3/19/2024 9:25:00 AM	Nitrate/Nitrite	0.98	mg/L	MY14	Duck Creek at Tara Oaks		0.05	No
3/19/2024 9:25:00 AM	Fecal Coliform	500	CFU/100 ml	MY14	Duck Creek at Tara Oaks		20	No
3/19/2024 9:25:00 AM	E. Coli	504	MPN/100 ml	MY14	Duck Creek at Tara Oaks		10	No
3/19/2024 9:25:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	No
3/19/2024 9:25:00 AM	Total Phosphorus	0.139	mg/L	MY14	Duck Creek at Tara Oaks		0.010	No
3/19/2024 9:25:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY14	Duck Creek at Tara Oaks	<	3.9	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
3/19/2024 9:25:00 AM	Total Kjeldahl Nitrogen	0.33	mg/L	MY14	Duck Creek at Tara Oaks		0.25	No
3/19/2024 9:25:00 AM	Copper	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	No
3/19/2024 9:25:00 AM	Calcium	13000	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
3/19/2024 9:25:00 AM	Hardness	53	mg/L	MY14	Duck Creek at Tara Oaks		1.0	No
3/19/2024 9:25:00 AM	Magnesium	4900	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
4/16/2024 9:10:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	No
4/16/2024 9:10:00 AM	Turbidity	2.8	NTU	MY14	Duck Creek at Tara Oaks		0.50	No
4/16/2024 9:10:00 AM	E. Coli	105	MPN/100 ml	MY14	Duck Creek at Tara Oaks		1	No
4/16/2024 9:10:00 AM	Nitrate/Nitrite	3	mg/L	MY14	Duck Creek at Tara Oaks		0.25	No
4/16/2024 9:10:00 AM	Fecal Coliform	100	CFU/100 ml	MY14	Duck Creek at Tara Oaks		10	No
4/16/2024 9:10:00 AM	Total Phosphorus	0.461	mg/L	MY14	Duck Creek at Tara Oaks		0.100	No
4/16/2024 9:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	No
4/16/2024 9:10:00 AM	Suspended Sediment Concentration	3.8	mg/L	MY14	Duck Creek at Tara Oaks	<	3.8	No
4/16/2024 9:10:00 AM	Calcium	19000	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
4/16/2024 9:10:00 AM	Magnesium	5300	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
4/16/2024 9:10:00 AM	Hardness	69	mg/L	MY14	Duck Creek at Tara Oaks		1.0	No
4/16/2024 9:10:00 AM	Chromium	5	ug/L	MY14	Duck Creek at Tara Oaks	<	5.0	No
4/16/2024 9:10:00 AM	Total Kjeldahl Nitrogen	0.49	mg/L	MY14	Duck Creek at Tara Oaks		0.25	No
4/16/2024 9:10:00 AM	Lead	0.5	ug/L	MY14	Duck Creek at Tara Oaks	<	0.50	No
4/16/2024 9:10:00 AM	Nickel	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	No
4/16/2024 9:10:00 AM	Zinc	10	ug/L	MY14	Duck Creek at Tara Oaks	<	10	No
4/16/2024 9:10:00 AM	Copper	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	No
5/21/2024 9:05:00 AM	Nitrate/Nitrite	1.7	mg/L	MY14	Duck Creek at Tara Oaks		0.50	No
5/21/2024 9:05:00 AM	E. Coli	216	MPN/100 ml	MY14	Duck Creek at Tara Oaks		10	No
5/21/2024 9:05:00 AM	Turbidity	10	NTU	MY14	Duck Creek at Tara Oaks		0.50	No
5/21/2024 9:05:00 AM	Fecal Coliform	262	CFU/100 ml	MY14	Duck Creek at Tara Oaks		20	No
5/21/2024 9:05:00 AM	Hardness	53	mg/L	MY14	Duck Creek at Tara Oaks		1.0	No
5/21/2024 9:05:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	No
5/21/2024 9:05:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY14	Duck Creek at Tara Oaks	<	3.9	No
5/21/2024 9:05:00 AM	Magnesium	4500	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
5/21/2024 9:05:00 AM	Copper	2.1	ug/L	MY14	Duck Creek at Tara Oaks		2.0	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
5/21/2024 9:05:00 AM	Total Phosphorus	0.195	mg/L	MY14	Duck Creek at Tara Oaks		0.010	No
5/21/2024 9:05:00 AM	Calcium	14000	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
5/21/2024 9:05:00 AM	Total Kjeldahl Nitrogen	0.47	mg/L	MY14	Duck Creek at Tara Oaks		0.25	No
5/21/2024 9:05:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	No
6/18/2024 9:25:00 AM	Fecal Coliform	119	CFU/100 ml	MY14	Duck Creek at Tara Oaks		10	No
6/18/2024 9:25:00 AM	E. Coli	166	MPN/100 ml	MY14	Duck Creek at Tara Oaks		1	No
6/18/2024 9:25:00 AM	Nitrate/Nitrite	11	mg/L	MY14	Duck Creek at Tara Oaks		0.50	No
6/18/2024 9:25:00 AM	Turbidity	2.4	NTU	MY14	Duck Creek at Tara Oaks		0.50	No
6/18/2024 9:25:00 AM	Total Phosphorus	1.5	mg/L	MY14	Duck Creek at Tara Oaks		0.100	No
6/18/2024 9:25:00 AM	Total Suspended Solids	5	mg/L	MY14	Duck Creek at Tara Oaks	<	5.0	No
6/18/2024 9:25:00 AM	Suspended Sediment Concentration	3.8	mg/L	MY14	Duck Creek at Tara Oaks	<	3.8	No
6/18/2024 9:25:00 AM	Magnesium	5600	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
6/18/2024 9:25:00 AM	Total Kjeldahl Nitrogen	0.49	mg/L	MY14	Duck Creek at Tara Oaks		0.25	No
6/18/2024 9:25:00 AM	Hardness	88	mg/L	MY14	Duck Creek at Tara Oaks		1.0	No
6/18/2024 9:25:00 AM	Calcium	26000	ug/L	MY14	Duck Creek at Tara Oaks		1000	No
6/18/2024 9:25:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY14	Duck Creek at Tara Oaks	<	0.10	No
6/18/2024 9:25:00 AM	Copper	2	ug/L	MY14	Duck Creek at Tara Oaks	<	2.0	No
7/18/2023 11:35:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	No
7/18/2023 11:35:00 AM	E. Coli	326	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		1	No
7/18/2023 11:35:00 AM	Total Suspended Solids	5.4	mg/L	MY1B	River Ford Rd. (Bridge)		5.0	No
7/18/2023 11:35:00 AM	Fecal Coliform	300	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		10	No
7/18/2023 11:35:00 AM	Nitrate/Nitrite	0.29	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	No
7/18/2023 11:35:00 AM	Suspended Sediment Concentration	5	mg/L	MY1B	River Ford Rd. (Bridge)		3.9	No
7/18/2023 11:35:00 AM	Turbidity	6.7	NTU	MY1B	River Ford Rd. (Bridge)		0.50	No
7/18/2023 11:35:00 AM	Total Phosphorus	0.032	mg/L	MY1B	River Ford Rd. (Bridge)		0.010	No
7/18/2023 11:35:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.25	No
7/18/2023 11:35:00 AM	Chromium	5	ug/L	MY1B	River Ford Rd. (Bridge)	<	5.0	No
7/18/2023 11:35:00 AM	Nickel	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	No
7/18/2023 11:35:00 AM	Magnesium	4800	ug/L	MY1B	River Ford Rd. (Bridge)		500	No
7/18/2023 11:35:00 AM	Calcium	15000	ug/L	MY1B	River Ford Rd. (Bridge)		500	No
7/18/2023 11:35:00 AM	Hardness	57	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
7/18/2023 11:35:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	No
7/18/2023 11:35:00 AM	Lead	0.5	ug/L	MY1B	River Ford Rd. (Bridge)	<	0.50	No
7/18/2023 11:35:00 AM	Zinc	10	ug/L	MY1B	River Ford Rd. (Bridge)	<	10	No
8/15/2023 11:20:00 AM	Turbidity	4.9	NTU	MY1B	River Ford Rd. (Bridge)		0.50	No
8/15/2023 11:20:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	No
8/15/2023 11:20:00 AM	Suspended Sediment Concentration	4	mg/L	MY1B	River Ford Rd. (Bridge)	<	4.0	No
8/15/2023 11:20:00 AM	Nitrate/Nitrite	0.28	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	No
8/15/2023 11:20:00 AM	E. Coli	345	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		1	No
8/15/2023 11:20:00 AM	Fecal Coliform	455	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		10	No
8/15/2023 11:20:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.25	No
8/15/2023 11:20:00 AM	Total Phosphorus	0.033	mg/L	MY1B	River Ford Rd. (Bridge)		0.010	No
8/15/2023 11:20:00 AM	Total Suspended Solids	5	mg/L	MY1B	River Ford Rd. (Bridge)	<	5.0	No
8/15/2023 11:20:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	No
8/15/2023 11:20:00 AM	Hardness	56	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	No
8/15/2023 11:20:00 AM	Magnesium	4400	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
8/15/2023 11:20:00 AM	Calcium	15000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
9/19/2023 11:45:00 AM	Turbidity	5.4	NTU	MY1B	River Ford Rd. (Bridge)		0.50	Yes
9/19/2023 11:45:00 AM	E. Coli	150	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		1	Yes
9/19/2023 11:45:00 AM	Total Suspended Solids	5	mg/L	MY1B	River Ford Rd. (Bridge)	<	5.0	Yes
9/19/2023 11:45:00 AM	Nitrate/Nitrite	0.2	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	Yes
9/19/2023 11:45:00 AM	Total Phosphorus	0.028	mg/L	MY1B	River Ford Rd. (Bridge)		0.010	Yes
9/19/2023 11:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	Yes
9/19/2023 11:45:00 AM	Fecal Coliform	680	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		10	Yes
9/19/2023 11:45:00 AM	Suspended Sediment Concentration	4.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	4.1	Yes
9/19/2023 11:45:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.25	Yes
9/19/2023 11:45:00 AM	Magnesium	5100	ug/L	MY1B	River Ford Rd. (Bridge)		1000	Yes
9/19/2023 11:45:00 AM	Hardness	61	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	Yes
9/19/2023 11:45:00 AM	Calcium	16000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	Yes
9/19/2023 11:45:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	Yes
10/17/2023 11:25:00 AM	Suspended Sediment Concentration	4.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	4.1	No
10/17/2023 11:25:00 AM	Fecal Coliform	640	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		20	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
10/17/2023 11:25:00 AM	Nitrate/Nitrite	0.19	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	No
10/17/2023 11:25:00 AM	Turbidity	3.4	NTU	MY1B	River Ford Rd. (Bridge)		0.50	No
10/17/2023 11:25:00 AM	E. Coli	932	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		10	No
10/17/2023 11:25:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	No
10/17/2023 11:25:00 AM	Total Suspended Solids	5	mg/L	MY1B	River Ford Rd. (Bridge)	<	5.0	No
10/17/2023 11:25:00 AM	Total Phosphorus	0.035	mg/L	MY1B	River Ford Rd. (Bridge)		0.010	No
10/17/2023 11:25:00 AM	Magnesium	5100	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
10/17/2023 11:25:00 AM	Calcium	17000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
10/17/2023 11:25:00 AM	Hardness	63	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	No
10/17/2023 11:25:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.25	No
10/17/2023 11:25:00 AM	Zinc	10	ug/L	MY1B	River Ford Rd. (Bridge)	<	10	No
10/17/2023 11:25:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	No
10/17/2023 11:25:00 AM	Lead	0.5	ug/L	MY1B	River Ford Rd. (Bridge)	<	0.50	No
10/17/2023 11:25:00 AM	Nickel	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	No
10/17/2023 11:25:00 AM	Chromium	5	ug/L	MY1B	River Ford Rd. (Bridge)	<	5.0	No
11/21/2023 11:25:00 AM	Turbidity	65	NTU	MY1B	River Ford Rd. (Bridge)		0.50	Yes
11/21/2023 11:25:00 AM	Fecal Coliform	12900	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		100	Yes
11/21/2023 11:25:00 AM	E. Coli	10460	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		100	Yes
11/21/2023 11:25:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	Yes
11/21/2023 11:25:00 AM	Nitrate/Nitrite	0.18	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	Yes
11/21/2023 11:25:00 AM	Total Suspended Solids	97.1	mg/L	MY1B	River Ford Rd. (Bridge)		14.7	Yes
11/21/2023 11:25:00 AM	Suspended Sediment Concentration	120	mg/L	MY1B	River Ford Rd. (Bridge)		4.0	Yes
11/21/2023 11:25:00 AM	Total Phosphorus	0.24	mg/L	MY1B	River Ford Rd. (Bridge)		0.10	Yes
11/21/2023 11:25:00 AM	Calcium	18000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	Yes
11/21/2023 11:25:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	Yes
11/21/2023 11:25:00 AM	Magnesium	6000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	Yes
11/21/2023 11:25:00 AM	Hardness	70	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	Yes
11/21/2023 11:25:00 AM	Total Kjeldahl Nitrogen	0.77	mg/L	MY1B	River Ford Rd. (Bridge)		0.25	Yes
12/19/2023 11:30:00 AM	Total Suspended Solids	28.2	mg/L	MY1B	River Ford Rd. (Bridge)		5.0	Yes
12/19/2023 11:30:00 AM	E. Coli	750	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		100	Yes
12/19/2023 11:30:00 AM	Nitrate/Nitrite	0.46	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
12/19/2023 11:30:00 AM	Fecal Coliform	375	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		100	Yes
12/19/2023 11:30:00 AM	Suspended Sediment Concentration	18	mg/L	MY1B	River Ford Rd. (Bridge)		3.8	Yes
12/19/2023 11:30:00 AM	Turbidity	55	NTU	MY1B	River Ford Rd. (Bridge)		0.50	Yes
12/19/2023 11:30:00 AM	Total Phosphorus	0.067	mg/L	MY1B	River Ford Rd. (Bridge)		0.010	Yes
12/19/2023 11:30:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	Yes
12/19/2023 11:30:00 AM	Total Kjeldahl Nitrogen	0.28	mg/L	MY1B	River Ford Rd. (Bridge)		0.25	Yes
12/19/2023 11:30:00 AM	Magnesium	3600	ug/L	MY1B	River Ford Rd. (Bridge)		1000	Yes
12/19/2023 11:30:00 AM	Calcium	11000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	Yes
12/19/2023 11:30:00 AM	Hardness	42	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	Yes
12/19/2023 11:30:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	Yes
12/19/2023 11:45:00 AM	Nitrate/Nitrite	0.45	mg/L	MY1B	River Ford Rd. (Bridge) (Replicate)		0.05	Yes
12/19/2023 11:45:00 AM	E. Coli	750	MPN/100 ml	MY1B	River Ford Rd. (Bridge) (replicate)		100	Yes
12/19/2023 11:45:00 AM	Suspended Sediment Concentration	30	mg/L	MY1B	River Ford Rd. (Bridge) (Replicate)		4.2	Yes
12/19/2023 11:45:00 AM	Fecal Coliform	688	CFU/100 ml	MY1B	River Ford Rd. (Bridge) (replicate)		100	Yes
12/19/2023 11:45:00 AM	Total Suspended Solids	16.2	mg/L	MY1B	River Ford Rd. (Bridge) (Replicate)		5.0	Yes
12/19/2023 11:45:00 AM	Total Phosphorus	0.062	mg/L	MY1B	River Ford Rd. (Bridge) (Replicate)		0.010	Yes
12/19/2023 11:45:00 AM	Turbidity	50	NTU	MY1B	River Ford Rd. (Bridge) (Replicate)		0.50	Yes
12/19/2023 11:45:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY1B	River Ford Rd. (Bridge) (Replicate)		0.25	Yes
12/19/2023 11:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge) (Replicate)	<	0.10	Yes
12/19/2023 11:45:00 AM	Calcium	11000	ug/L	MY1B	River Ford Rd. (Bridge) (Replicate)		1000	Yes
12/19/2023 11:45:00 AM	Hardness	43	mg/L	MY1B	River Ford Rd. (Bridge) (Replicate)		1.0	Yes
12/19/2023 11:45:00 AM	Magnesium	3700	ug/L	MY1B	River Ford Rd. (Bridge) (Replicate)		1000	Yes
12/19/2023 11:45:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge) (Replicate)	<	2.0	Yes
1/16/2024 11:30:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	Yes
1/16/2024 11:30:00 AM	Fecal Coliform	500	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		100	Yes
1/16/2024 11:30:00 AM	Nitrate/Nitrite	0.48	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	Yes
1/16/2024 11:30:00 AM	E. Coli	410	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		100	Yes
1/16/2024 11:30:00 AM	Total Phosphorus	0.061	mg/L	MY1B	River Ford Rd. (Bridge)		0.010	Yes
1/16/2024 11:30:00 AM	Total Suspended Solids	27.1	mg/L	MY1B	River Ford Rd. (Bridge)		7.1	Yes
1/16/2024 11:30:00 AM	Turbidity	55	NTU	MY1B	River Ford Rd. (Bridge)		0.50	Yes
1/16/2024 11:30:00 AM	Total Kjeldahl Nitrogen	0.32	mg/L	MY1B	River Ford Rd. (Bridge)		0.25	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
1/16/2024 11:30:00 AM	Nickel	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	Yes
1/16/2024 11:30:00 AM	Suspended Sediment Concentration	34	mg/L	MY1B	River Ford Rd. (Bridge)		4.1	Yes
1/16/2024 11:30:00 AM	Chromium	5	ug/L	MY1B	River Ford Rd. (Bridge)	<	5.0	Yes
1/16/2024 11:30:00 AM	Zinc	10	ug/L	MY1B	River Ford Rd. (Bridge)	<	10	Yes
1/16/2024 11:30:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	Yes
1/16/2024 11:30:00 AM	Lead	0.5	ug/L	MY1B	River Ford Rd. (Bridge)	<	0.50	Yes
1/16/2024 11:30:00 AM	Calcium	10000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	Yes
1/16/2024 11:30:00 AM	Magnesium	3600	ug/L	MY1B	River Ford Rd. (Bridge)		1000	Yes
1/16/2024 11:30:00 AM	Hardness	40	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	Yes
2/20/2024 11:20:00 AM	Turbidity	12	NTU	MY1B	River Ford Rd. (Bridge)		0.50	No
2/20/2024 11:20:00 AM	Nitrate/Nitrite	0.44	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	No
2/20/2024 11:20:00 AM	Fecal Coliform	400	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		10	No
2/20/2024 11:20:00 AM	Total Suspended Solids	6.6	mg/L	MY1B	River Ford Rd. (Bridge)		5.0	No
2/20/2024 11:20:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	No
2/20/2024 11:20:00 AM	Suspended Sediment Concentration	4.8	mg/L	MY1B	River Ford Rd. (Bridge)		4.0	No
2/20/2024 11:20:00 AM	E. Coli	580	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		1	No
2/20/2024 11:20:00 AM	Total Phosphorus	0.024	mg/L	MY1B	River Ford Rd. (Bridge)		0.010	No
2/20/2024 11:20:00 AM	Calcium	15000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
2/20/2024 11:20:00 AM	Hardness	57	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	No
2/20/2024 11:20:00 AM	Magnesium	4800	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
2/20/2024 11:20:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	No
2/20/2024 11:20:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.25	No
3/19/2024 11:10:00 AM	Total Suspended Solids	15.8	mg/L	MY1B	River Ford Rd. (Bridge)		5.0	No
3/19/2024 11:10:00 AM	Fecal Coliform	216	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		20	No
3/19/2024 11:10:00 AM	E. Coli	450	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		10	No
3/19/2024 11:10:00 AM	Nitrate/Nitrite	0.5	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	No
3/19/2024 11:10:00 AM	Suspended Sediment Concentration	39	mg/L	MY1B	River Ford Rd. (Bridge)		3.9	No
3/19/2024 11:10:00 AM	Turbidity	26	NTU	MY1B	River Ford Rd. (Bridge)		0.50	No
3/19/2024 11:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	No
3/19/2024 11:10:00 AM	Total Phosphorus	0.04	mg/L	MY1B	River Ford Rd. (Bridge)		0.010	No
3/19/2024 11:10:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.25	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
3/19/2024 11:10:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	No
3/19/2024 11:10:00 AM	Calcium	13000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
3/19/2024 11:10:00 AM	Hardness	52	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	No
3/19/2024 11:10:00 AM	Magnesium	4700	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
4/16/2024 10:45:00 AM	Nitrate/Nitrite	0.35	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	No
4/16/2024 10:45:00 AM	Total Suspended Solids	7.4	mg/L	MY1B	River Ford Rd. (Bridge)		5.0	No
4/16/2024 10:45:00 AM	E. Coli	489	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		1	No
4/16/2024 10:45:00 AM	Turbidity	8.9	NTU	MY1B	River Ford Rd. (Bridge)		0.50	No
4/16/2024 10:45:00 AM	Fecal Coliform	460	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		10	No
4/16/2024 10:45:00 AM	Total Phosphorus	0.03	mg/L	MY1B	River Ford Rd. (Bridge)		0.010	No
4/16/2024 10:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	No
4/16/2024 10:45:00 AM	Suspended Sediment Concentration	4.8	mg/L	MY1B	River Ford Rd. (Bridge)		4.0	No
4/16/2024 10:45:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	No
4/16/2024 10:45:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.25	No
4/16/2024 10:45:00 AM	Nickel	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	No
4/16/2024 10:45:00 AM	Zinc	10	ug/L	MY1B	River Ford Rd. (Bridge)	<	10	No
4/16/2024 10:45:00 AM	Chromium	5	ug/L	MY1B	River Ford Rd. (Bridge)	<	5.0	No
4/16/2024 10:45:00 AM	Lead	0.5	ug/L	MY1B	River Ford Rd. (Bridge)	<	0.50	No
4/16/2024 10:45:00 AM	Hardness	58	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	No
4/16/2024 10:45:00 AM	Magnesium	4900	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
4/16/2024 10:45:00 AM	Calcium	15000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
5/21/2024 11:15:00 AM	Fecal Coliform	600	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		20	Yes
5/21/2024 11:15:00 AM	Turbidity	24	NTU	MY1B	River Ford Rd. (Bridge)		0.50	Yes
5/21/2024 11:15:00 AM	E. Coli	538	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		10	Yes
5/21/2024 11:15:00 AM	Nitrate/Nitrite	0.39	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	Yes
5/21/2024 11:15:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	Yes
5/21/2024 11:15:00 AM	Calcium	13000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	Yes
5/21/2024 11:15:00 AM	Total Phosphorus	0.049	mg/L	MY1B	River Ford Rd. (Bridge)		0.010	Yes
5/21/2024 11:15:00 AM	Hardness	50	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	Yes
5/21/2024 11:15:00 AM	Suspended Sediment Concentration	19	mg/L	MY1B	River Ford Rd. (Bridge)		4.1	Yes
5/21/2024 11:15:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.25	Yes
5/21/2024 11:15:00 AM	Magnesium	4200	ug/L	MY1B	River Ford Rd. (Bridge)		1000	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
5/21/2024 11:15:00 AM	Total Suspended Solids	17	mg/L	MY1B	River Ford Rd. (Bridge)		5.0	Yes
5/21/2024 11:15:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	Yes
6/18/2024 11:10:00 AM	E. Coli	215	MPN/100 ml	MY1B	River Ford Rd. (Bridge)		1	No
6/18/2024 11:10:00 AM	Fecal Coliform	280	CFU/100 ml	MY1B	River Ford Rd. (Bridge)		10	No
6/18/2024 11:10:00 AM	Turbidity	6.3	NTU	MY1B	River Ford Rd. (Bridge)		0.50	No
6/18/2024 11:10:00 AM	Nitrate/Nitrite	0.49	mg/L	MY1B	River Ford Rd. (Bridge)		0.05	No
6/18/2024 11:10:00 AM	Total Phosphorus	0.03	mg/L	MY1B	River Ford Rd. (Bridge)		0.010	No
6/18/2024 11:10:00 AM	Total Suspended Solids	5	mg/L	MY1B	River Ford Rd. (Bridge)	<	5.0	No
6/18/2024 11:10:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.25	No
6/18/2024 11:10:00 AM	Suspended Sediment Concentration	4.3	mg/L	MY1B	River Ford Rd. (Bridge)	<	4.3	No
6/18/2024 11:10:00 AM	Magnesium	5400	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
6/18/2024 11:10:00 AM	Calcium	17000	ug/L	MY1B	River Ford Rd. (Bridge)		1000	No
6/18/2024 11:10:00 AM	Hardness	66	mg/L	MY1B	River Ford Rd. (Bridge)		1.0	No
6/18/2024 11:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY1B	River Ford Rd. (Bridge)	<	0.10	No
6/18/2024 11:10:00 AM	Copper	2	ug/L	MY1B	River Ford Rd. (Bridge)	<	2.0	No
7/18/2023 10:00:00 AM	Fecal Coliform	740	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		10	No
7/18/2023 10:00:00 AM	E. Coli	580	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		1	No
7/18/2023 10:00:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	No
7/18/2023 10:00:00 AM	Total Suspended Solids	5	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	No
7/18/2023 10:00:00 AM	Turbidity	15	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	No
7/18/2023 10:00:00 AM	Total Phosphorus	0.032	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	No
7/18/2023 10:00:00 AM	Suspended Sediment Concentration	4.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	4.1	No
7/18/2023 10:00:00 AM	Nitrate/Nitrite	0.57	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	No
7/18/2023 10:00:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.25	No
7/18/2023 10:00:00 AM	Nickel	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	No
7/18/2023 10:00:00 AM	Chromium	5	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	No
7/18/2023 10:00:00 AM	Calcium	14000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		500	No
7/18/2023 10:00:00 AM	Hardness	54	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	No
7/18/2023 10:00:00 AM	Magnesium	4600	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		500	No
7/18/2023 10:00:00 AM	Zinc	10	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	10	No
7/18/2023 10:00:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
7/18/2023 10:00:00 AM	Lead	0.5	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.50	No
8/15/2023 10:10:00 AM	E. Coli	614	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		1	No
8/15/2023 10:10:00 AM	Turbidity	14	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	No
8/15/2023 10:10:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	3.9	No
8/15/2023 10:10:00 AM	Fecal Coliform	500	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		10	No
8/15/2023 10:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	No
8/15/2023 10:10:00 AM	Nitrate/Nitrite	0.6	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	No
8/15/2023 10:10:00 AM	Total Suspended Solids	5	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	No
8/15/2023 10:10:00 AM	Total Phosphorus	0.026	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	No
8/15/2023 10:10:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	No
8/15/2023 10:10:00 AM	Calcium	13000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
8/15/2023 10:10:00 AM	Magnesium	4100	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
8/15/2023 10:10:00 AM	Hardness	49	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	No
8/15/2023 10:10:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.25	No
9/19/2023 9:45:00 AM	Fecal Coliform	280	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		10	Yes
9/19/2023 9:45:00 AM	Turbidity	32	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	Yes
9/19/2023 9:45:00 AM	Nitrate/Nitrite	0.39	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	Yes
9/19/2023 9:45:00 AM	Total Suspended Solids	5	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	Yes
9/19/2023 9:45:00 AM	Total Phosphorus	0.046	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	Yes
9/19/2023 9:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	Yes
9/19/2023 9:45:00 AM	E. Coli	308	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		1	Yes
9/19/2023 9:45:00 AM	Suspended Sediment Concentration	3.8	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	3.8	Yes
9/19/2023 9:45:00 AM	Total Kjeldahl Nitrogen	0.29	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.25	Yes
9/19/2023 9:45:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	Yes
9/19/2023 9:45:00 AM	Calcium	12000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	Yes
9/19/2023 9:45:00 AM	Magnesium	3900	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	Yes
9/19/2023 9:45:00 AM	Hardness	46	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	Yes
9/19/2023 9:50:00 AM	E. Coli	156	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge) (Replicate)		1	Yes
9/19/2023 9:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge) (replicate)	<	0.10	Yes
9/19/2023 9:50:00 AM	Total Phosphorus	0.048	mg/L	MY8	Clear Creek, Ferguson Road (Bridge) (replicate)		0.010	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
9/19/2023 9:50:00 AM	Nitrate/Nitrite	0.4	mg/L	MY8	Clear Creek, Ferguson Road (Bridge) (replicate)		0.05	Yes
9/19/2023 9:50:00 AM	Turbidity	32	NTU	MY8	Clear Creek, Ferguson Road (Bridge) (replicate)		0.50	Yes
9/19/2023 9:50:00 AM	Fecal Coliform	260	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge) (Replicate)		10	Yes
9/19/2023 9:50:00 AM	Total Suspended Solids	6.2	mg/L	MY8	Clear Creek, Ferguson Road (Bridge) (replicate)		5.0	Yes
9/19/2023 9:50:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY8	Clear Creek, Ferguson Road (Bridge) (replicate)	<	3.9	Yes
9/19/2023 9:50:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge) (replicate)	<	2.0	Yes
9/19/2023 9:50:00 AM	Total Kjeldahl Nitrogen	0.3	mg/L	MY8	Clear Creek, Ferguson Road (Bridge) (replicate)		0.25	Yes
9/19/2023 9:50:00 AM	Hardness	44	mg/L	MY8	Clear Creek, Ferguson Road (Bridge) (replicate)		1.0	Yes
9/19/2023 9:50:00 AM	Magnesium	3900	ug/L	MY8	Clear Creek, Ferguson Road (Bridge) (replicate)		1000	Yes
9/19/2023 9:50:00 AM	Calcium	11000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge) (replicate)		1000	Yes
10/17/2023 9:55:00 AM	Suspended Sediment Concentration	4.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	4.1	Yes
10/17/2023 9:55:00 AM	Turbidity	19	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	Yes
10/17/2023 9:55:00 AM	Fecal Coliform	660	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		20	Yes
10/17/2023 9:55:00 AM	Nitrate/Nitrite	0.15	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	Yes
10/17/2023 9:55:00 AM	E. Coli	650	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		10	Yes
10/17/2023 9:55:00 AM	Total Suspended Solids	8.3	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	8.3	Yes
10/17/2023 9:55:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	Yes
10/17/2023 9:55:00 AM	Total Phosphorus	0.027	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	Yes
10/17/2023 9:55:00 AM	Chromium	5	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	No
10/17/2023 9:55:00 AM	Calcium	12000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
10/17/2023 9:55:00 AM	Magnesium	4000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
10/17/2023 9:55:00 AM	Hardness	46	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	No
10/17/2023 9:55:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.25	No
10/17/2023 9:55:00 AM	Zinc	10	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	10	No
10/17/2023 9:55:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	No
10/17/2023 9:55:00 AM	Lead	0.5	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.50	No
10/17/2023 9:55:00 AM	Nickel	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
11/21/2023 9:30:00 AM	Turbidity	2.8	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	Yes
11/21/2023 9:30:00 AM	E. Coli	1340	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		100	Yes
11/21/2023 9:30:00 AM	Fecal Coliform	1630	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		100	Yes
11/21/2023 9:30:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	Yes
11/21/2023 9:30:00 AM	Nitrate/Nitrite	0.05	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	Yes
11/21/2023 9:30:00 AM	Total Suspended Solids	5	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	Yes
11/21/2023 9:30:00 AM	Suspended Sediment Concentration	4.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	4.1	Yes
11/21/2023 9:30:00 AM	Total Phosphorus	0.026	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	Yes
11/21/2023 9:30:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	Yes
11/21/2023 9:30:00 AM	Total Kjeldahl Nitrogen	0.28	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.25	Yes
11/21/2023 9:30:00 AM	Calcium	15000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	Yes
11/21/2023 9:30:00 AM	Magnesium	5600	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	Yes
11/21/2023 9:30:00 AM	Hardness	61	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	Yes
12/19/2023 10:15:00 AM	Total Suspended Solids	16.4	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		10.0	Yes
12/19/2023 10:15:00 AM	Fecal Coliform	1500	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		100	Yes
12/19/2023 10:15:00 AM	E. Coli	850	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		100	Yes
12/19/2023 10:15:00 AM	Nitrate/Nitrite	0.51	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	Yes
12/19/2023 10:15:00 AM	Suspended Sediment Concentration	14	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		4.0	Yes
12/19/2023 10:15:00 AM	Turbidity	100	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	Yes
12/19/2023 10:15:00 AM	Total Phosphorus	0.074	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	Yes
12/19/2023 10:15:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	Yes
12/19/2023 10:15:00 AM	Total Kjeldahl Nitrogen	0.43	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.25	Yes
12/19/2023 10:15:00 AM	Calcium	8400	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	Yes
12/19/2023 10:15:00 AM	Magnesium	3200	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	Yes
12/19/2023 10:15:00 AM	Hardness	34	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	Yes
12/19/2023 10:15:00 AM	Copper	2.3	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		2.0	Yes
1/16/2024 9:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	Yes
1/16/2024 9:45:00 AM	Nitrate/Nitrite	0.61	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	Yes
1/16/2024 9:45:00 AM	Fecal Coliform	500	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		100	Yes
1/16/2024 9:45:00 AM	E. Coli	860	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		100	Yes
1/16/2024 9:45:00 AM	Turbidity	50	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
1/16/2024 9:45:00 AM	Total Suspended Solids	6.8	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		5.0	Yes
1/16/2024 9:45:00 AM	Total Phosphorus	0.038	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	Yes
1/16/2024 9:45:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.25	Yes
1/16/2024 9:45:00 AM	Nickel	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	Yes
1/16/2024 9:45:00 AM	Chromium	5	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	Yes
1/16/2024 9:45:00 AM	Suspended Sediment Concentration	6.6	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		3.9	Yes
1/16/2024 9:45:00 AM	Zinc	10	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	10	Yes
1/16/2024 9:45:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	Yes
1/16/2024 9:45:00 AM	Lead	0.5	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.50	Yes
1/16/2024 9:45:00 AM	Calcium	10000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	Yes
1/16/2024 9:45:00 AM	Magnesium	3600	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	Yes
1/16/2024 9:45:00 AM	Hardness	40	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	Yes
2/20/2024 9:40:00 AM	Turbidity	11	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	No
2/20/2024 9:40:00 AM	Total Suspended Solids	5	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	No
2/20/2024 9:40:00 AM	Suspended Sediment Concentration	4.2	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	4.2	No
2/20/2024 9:40:00 AM	Nitrate/Nitrite	0.51	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	No
2/20/2024 9:40:00 AM	E. Coli	867	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		1	No
2/20/2024 9:40:00 AM	Fecal Coliform	560	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		10	No
2/20/2024 9:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	No
2/20/2024 9:40:00 AM	Total Phosphorus	0.012	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	No
2/20/2024 9:40:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.25	No
2/20/2024 9:40:00 AM	Hardness	52	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	No
2/20/2024 9:40:00 AM	Calcium	13000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
2/20/2024 9:40:00 AM	Magnesium	4800	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
2/20/2024 9:40:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	No
3/19/2024 9:45:00 AM	Total Phosphorus	0.024	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	No
3/19/2024 9:45:00 AM	Suspended Sediment Concentration	4.4	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	4.4	No
3/19/2024 9:45:00 AM	E. Coli	265	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		10	No
3/19/2024 9:45:00 AM	Fecal Coliform	308	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		20	No
3/19/2024 9:45:00 AM	Nitrate/Nitrite	0.36	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	No
3/19/2024 9:45:00 AM	Total Suspended	5	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
	Solids							
3/19/2024 9:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	No
3/19/2024 9:45:00 AM	Turbidity	14	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	No
3/19/2024 9:45:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.25	No
3/19/2024 9:45:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	No
3/19/2024 9:45:00 AM	Calcium	12000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
3/19/2024 9:45:00 AM	Hardness	49	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	No
3/19/2024 9:45:00 AM	Magnesium	4700	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
4/16/2024 9:25:00 AM	E. Coli	202	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		1	No
4/16/2024 9:25:00 AM	Fecal Coliform	200	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		10	No
4/16/2024 9:25:00 AM	Turbidity	4.7	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	No
4/16/2024 9:25:00 AM	Nitrate/Nitrite	0.65	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	No
4/16/2024 9:25:00 AM	Total Suspended Solids	5	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	No
4/16/2024 9:25:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	No
4/16/2024 9:25:00 AM	Total Phosphorus	0.017	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	No
4/16/2024 9:25:00 AM	Suspended Sediment Concentration	4.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	4.1	No
4/16/2024 9:25:00 AM	Calcium	14000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
4/16/2024 9:25:00 AM	Magnesium	5000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
4/16/2024 9:25:00 AM	Hardness	56	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	No
4/16/2024 9:25:00 AM	Lead	0.5	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.50	No
4/16/2024 9:25:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.25	No
4/16/2024 9:25:00 AM	Nickel	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	No
4/16/2024 9:25:00 AM	Chromium	5	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	No
4/16/2024 9:25:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	No
4/16/2024 9:25:00 AM	Zinc	10	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	10	No
5/21/2024 9:20:00 AM	Fecal Coliform	580	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		20	No
5/21/2024 9:20:00 AM	Nitrate/Nitrite	0.8	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	No
5/21/2024 9:20:00 AM	Turbidity	20	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	No
5/21/2024 9:20:00 AM	E. Coli	457	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		10	No
5/21/2024 9:20:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.25	No
5/21/2024 9:20:00 AM	Total Suspended Solids	5	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	No
5/21/2024 9:20:00 AM	Calcium	13000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
5/21/2024 9:20:00 AM	Suspended Sediment Concentration	3.8	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	3.8	No
5/21/2024 9:20:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	No
5/21/2024 9:20:00 AM	Total Phosphorus	0.032	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	No
5/21/2024 9:20:00 AM	Hardness	51	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	No
5/21/2024 9:20:00 AM	Magnesium	4400	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
5/21/2024 9:20:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	No
6/18/2024 9:40:00 AM	E. Coli	239	MPN/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		1	No
6/18/2024 9:40:00 AM	Fecal Coliform	240	CFU/100 ml	MY8	Clear Creek, Ferguson Road (Bridge)		10	No
6/18/2024 9:40:00 AM	Nitrate/Nitrite	0.84	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.05	No
6/18/2024 9:40:00 AM	Turbidity	8.6	NTU	MY8	Clear Creek, Ferguson Road (Bridge)		0.50	No
6/18/2024 9:40:00 AM	Total Phosphorus	0.128	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		0.010	No
6/18/2024 9:40:00 AM	Total Suspended Solids	5	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	5.0	No
6/18/2024 9:40:00 AM	Suspended Sediment Concentration	3.8	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	3.8	No
6/18/2024 9:40:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.25	No
6/18/2024 9:40:00 AM	Calcium	16000	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
6/18/2024 9:40:00 AM	Hardness	62	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)		1.0	No
6/18/2024 9:40:00 AM	Magnesium	5500	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)		1000	No
6/18/2024 9:40:00 AM	Copper	2	ug/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	2.0	No
6/18/2024 9:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY8	Clear Creek, Ferguson Road (Bridge)	<	0.10	No
7/18/2023 9:10:00 AM	Fecal Coliform	210	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		10	No
7/18/2023 9:10:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	No
7/18/2023 9:10:00 AM	E. Coli	219	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		1	No
7/18/2023 9:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	No
7/18/2023 9:10:00 AM	Suspended Sediment Concentration	4.4	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	4.4	No
7/18/2023 9:10:00 AM	Turbidity	2.7	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	No
7/18/2023 9:10:00 AM	Total Phosphorus	0.019	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	No
7/18/2023 9:10:00 AM	Nitrate/Nitrite	0.51	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	No
7/18/2023 9:10:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.25	No
7/18/2023 9:10:00 AM	Chromium	5	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	No
7/18/2023 9:10:00 AM	Nickel	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	No
7/18/2023 9:10:00 AM	Calcium	14000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		500	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
7/18/2023 9:10:00 AM	Magnesium	4700	ug/L	MY9	Goose Creek, Stevens Mill Rd.		500	No
7/18/2023 9:10:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	No
7/18/2023 9:10:00 AM	Lead	0.5	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.50	No
7/18/2023 9:10:00 AM	Zinc	10	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	10	No
7/18/2023 9:10:00 AM	Hardness	54	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	No
7/18/2023 9:15:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)	<	5.0	No
7/18/2023 9:15:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)	<	0.10	No
7/18/2023 9:15:00 AM	Fecal Coliform	235	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd. (Replicate)		10	No
7/18/2023 9:15:00 AM	E. Coli	210	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd. (Replicate)		2	No
7/18/2023 9:15:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)	<	0.25	No
7/18/2023 9:15:00 AM	Suspended Sediment Concentration	4.4	mg/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)	<	4.4	No
7/18/2023 9:15:00 AM	Nitrate/Nitrite	0.5	mg/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)		0.05	No
7/18/2023 9:15:00 AM	Total Phosphorus	0.017	mg/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)		0.010	No
7/18/2023 9:15:00 AM	Turbidity	2.5	NTU	MY9	Goose Creek, Stevens Mill Rd.(Replicate)		0.50	No
7/18/2023 9:15:00 AM	Chromium	5	ug/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)	<	5.0	No
7/18/2023 9:15:00 AM	Nickel	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)	<	2.0	No
7/18/2023 9:15:00 AM	Magnesium	4700	ug/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)		500	No
7/18/2023 9:15:00 AM	Calcium	14000	ug/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)		500	No
7/18/2023 9:15:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)	<	2.0	No
7/18/2023 9:15:00 AM	Hardness	54	mg/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)		1.0	No
7/18/2023 9:15:00 AM	Lead	0.5	ug/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)	<	0.50	No
7/18/2023 9:15:00 AM	Zinc	10	ug/L	MY9	Goose Creek, Stevens Mill Rd.(Replicate)	<	10	No
8/15/2023 9:30:00 AM	E. Coli	186	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		1	No
8/15/2023 9:30:00 AM	Turbidity	2.2	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	No
8/15/2023 9:30:00 AM	Nitrate/Nitrite	0.46	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	No
8/15/2023 9:30:00 AM	Fecal Coliform	290	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		10	No
8/15/2023 9:30:00 AM	Suspended Sediment Concentration	3.7	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	3.7	No
8/15/2023 9:30:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	No
8/15/2023 9:30:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	No
8/15/2023 9:30:00 AM	Total Phosphorus	0.024	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	No
8/15/2023 9:30:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
8/15/2023 9:30:00 AM	Hardness	56	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	No
8/15/2023 9:30:00 AM	Calcium	15000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
8/15/2023 9:30:00 AM	Magnesium	4600	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
8/15/2023 9:30:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.25	No
9/19/2023 9:10:00 AM	Total Phosphorus	0.03	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	Yes
9/19/2023 9:10:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	Yes
9/19/2023 9:10:00 AM	Fecal Coliform	555	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		10	Yes
9/19/2023 9:10:00 AM	E. Coli	625	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		2	Yes
9/19/2023 9:10:00 AM	Nitrate/Nitrite	0.35	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	Yes
9/19/2023 9:10:00 AM	Total Suspended Solids	10	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	10.0	Yes
9/19/2023 9:10:00 AM	Turbidity	6.1	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	Yes
9/19/2023 9:10:00 AM	Suspended Sediment Concentration	4.2	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	4.2	Yes
9/19/2023 9:10:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	Yes
9/19/2023 9:10:00 AM	Total Kjeldahl Nitrogen	0.33	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.25	Yes
9/19/2023 9:10:00 AM	Calcium	11000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	Yes
9/19/2023 9:10:00 AM	Magnesium	3800	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	Yes
9/19/2023 9:10:00 AM	Hardness	43	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	Yes
10/17/2023 9:05:00 AM	Turbidity	1.5	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	Yes
10/17/2023 9:05:00 AM	Suspended Sediment Concentration	4.4	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	4.4	Yes
10/17/2023 9:05:00 AM	Nitrate/Nitrite	0.18	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	Yes
10/17/2023 9:05:00 AM	E. Coli	160	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		10	Yes
10/17/2023 9:05:00 AM	Fecal Coliform	293	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		20	Yes
10/17/2023 9:05:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	Yes
10/17/2023 9:05:00 AM	Total Phosphorus	0.014	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	Yes
10/17/2023 9:05:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	Yes
10/17/2023 9:05:00 AM	Lead	0.5	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.50	No
10/17/2023 9:05:00 AM	Calcium	12000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
10/17/2023 9:05:00 AM	Hardness	48	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	No
10/17/2023 9:05:00 AM	Magnesium	4500	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
10/17/2023 9:05:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.25	No
10/17/2023 9:05:00 AM	Zinc	10	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	10	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
10/17/2023 9:05:00 AM	Nickel	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	No
10/17/2023 9:05:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	No
10/17/2023 9:05:00 AM	Chromium	5	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	No
11/21/2023 8:45:00 AM	Fecal Coliform	4000	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		100	Yes
11/21/2023 8:45:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	Yes
11/21/2023 8:45:00 AM	E. Coli	2590	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		100	Yes
11/21/2023 8:45:00 AM	Turbidity	3.2	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	Yes
11/21/2023 8:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	Yes
11/21/2023 8:45:00 AM	Nitrate/Nitrite	0.11	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	Yes
11/21/2023 8:45:00 AM	Suspended Sediment Concentration	4	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	4.0	Yes
11/21/2023 8:45:00 AM	Total Kjeldahl Nitrogen	0.34	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.25	Yes
11/21/2023 8:45:00 AM	Total Phosphorus	0.038	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	Yes
11/21/2023 8:45:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	Yes
11/21/2023 8:45:00 AM	Magnesium	4400	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	Yes
11/21/2023 8:45:00 AM	Hardness	48	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	Yes
11/21/2023 8:45:00 AM	Calcium	12000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	Yes
12/19/2023 9:40:00 AM	E. Coli	1360	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		100	Yes
12/19/2023 9:40:00 AM	Nitrate/Nitrite	0.52	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	Yes
12/19/2023 9:40:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	Yes
12/19/2023 9:40:00 AM	Fecal Coliform	1040	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		100	Yes
12/19/2023 9:40:00 AM	Suspended Sediment Concentration	4.3	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	4.3	Yes
12/19/2023 9:40:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	Yes
12/19/2023 9:40:00 AM	Total Phosphorus	0.054	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	Yes
12/19/2023 9:40:00 AM	Turbidity	32	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	Yes
12/19/2023 9:40:00 AM	Total Kjeldahl Nitrogen	0.42	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.25	Yes
12/19/2023 9:40:00 AM	Calcium	9000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	Yes
12/19/2023 9:40:00 AM	Magnesium	3200	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	Yes
12/19/2023 9:40:00 AM	Hardness	36	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	Yes
12/19/2023 9:40:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	Yes
1/16/2024 9:05:00 AM	Nitrate/Nitrite	0.61	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	Yes
1/16/2024 9:05:00 AM	Fecal Coliform	188	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		100	Yes

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
1/16/2024 9:05:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	Yes
1/16/2024 9:05:00 AM	E. Coli	410	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		100	Yes
1/16/2024 9:05:00 AM	Total Phosphorus	0.032	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	Yes
1/16/2024 9:05:00 AM	Turbidity	23	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	Yes
1/16/2024 9:05:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	Yes
1/16/2024 9:05:00 AM	Total Kjeldahl Nitrogen	0.27	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.25	Yes
1/16/2024 9:05:00 AM	Chromium	5	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	Yes
1/16/2024 9:05:00 AM	Nickel	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	Yes
1/16/2024 9:05:00 AM	Suspended Sediment Concentration	4.3	mg/L	MY9	Goose Creek, Stevens Mill Rd.		3.9	Yes
1/16/2024 9:05:00 AM	Zinc	10	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	10	Yes
1/16/2024 9:05:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	Yes
1/16/2024 9:05:00 AM	Lead	0.5	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.50	Yes
1/16/2024 9:05:00 AM	Calcium	10000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	Yes
1/16/2024 9:05:00 AM	Magnesium	3500	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	Yes
1/16/2024 9:05:00 AM	Hardness	39	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	Yes
2/20/2024 9:05:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	3.9	No
2/20/2024 9:05:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	No
2/20/2024 9:05:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	No
2/20/2024 9:05:00 AM	Nitrate/Nitrite	0.48	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	No
2/20/2024 9:05:00 AM	Fecal Coliform	355	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		10	No
2/20/2024 9:05:00 AM	E. Coli	441	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		2	No
2/20/2024 9:05:00 AM	Turbidity	4	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	No
2/20/2024 9:05:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.25	No
2/20/2024 9:05:00 AM	Total Phosphorus	0.014	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	No
2/20/2024 9:05:00 AM	Calcium	14000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
2/20/2024 9:05:00 AM	Hardness	56	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	No
2/20/2024 9:05:00 AM	Magnesium	5000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
2/20/2024 9:05:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	No
3/19/2024 9:00:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	No
3/19/2024 9:00:00 AM	Fecal Coliform	224	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		20	No
3/19/2024 9:00:00 AM	E. Coli	213	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		10	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
3/19/2024 9:00:00 AM	Nitrate/Nitrite	0.35	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	No
3/19/2024 9:00:00 AM	Suspended Sediment Concentration	4.4	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	4.4	No
3/19/2024 9:00:00 AM	Total Phosphorus	0.018	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	No
3/19/2024 9:00:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	No
3/19/2024 9:00:00 AM	Turbidity	6.7	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	No
3/19/2024 9:00:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	No
3/19/2024 9:00:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.25	No
3/19/2024 9:00:00 AM	Calcium	12000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
3/19/2024 9:00:00 AM	Magnesium	4800	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
3/19/2024 9:00:00 AM	Hardness	50	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	No
4/16/2024 8:50:00 AM	Nitrate/Nitrite	0.65	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	No
4/16/2024 8:50:00 AM	Turbidity	3.6	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	No
4/16/2024 8:50:00 AM	Fecal Coliform	524	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		10	No
4/16/2024 8:50:00 AM	E. Coli	491	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		2	No
4/16/2024 8:50:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	No
4/16/2024 8:50:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	No
4/16/2024 8:50:00 AM	Total Phosphorus	0.02	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	No
4/16/2024 8:50:00 AM	Suspended Sediment Concentration	4	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	4.0	No
4/16/2024 8:50:00 AM	Hardness	55	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	No
4/16/2024 8:50:00 AM	Magnesium	4800	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
4/16/2024 8:50:00 AM	Calcium	14000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
4/16/2024 8:50:00 AM	Chromium	5	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	No
4/16/2024 8:50:00 AM	Nickel	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	No
4/16/2024 8:50:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	No
4/16/2024 8:50:00 AM	Total Kjeldahl Nitrogen	0.48	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.25	No
4/16/2024 8:50:00 AM	Lead	0.5	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.50	No
4/16/2024 8:50:00 AM	Zinc	10	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	10	No
5/21/2024 8:45:00 AM	Nitrate/Nitrite	0.67	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	No
5/21/2024 8:45:00 AM	E. Coli	496	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		10	No
5/21/2024 8:45:00 AM	Fecal Coliform	1100	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		20	No
5/21/2024 8:45:00 AM	Turbidity	7.4	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	No
5/21/2024 8:45:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	No

Collection Date	Analyte	Result	A Unit	Site	Site Description	Qualifier	MDL	Storm
5/21/2024 8:45:00 AM	Suspended Sediment Concentration	3.9	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	3.9	No
5/21/2024 8:45:00 AM	Total Phosphorus	0.026	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	No
5/21/2024 8:45:00 AM	Calcium	13000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
5/21/2024 8:45:00 AM	Hardness	50	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	No
5/21/2024 8:45:00 AM	Magnesium	4300	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
5/21/2024 8:45:00 AM	Total Kjeldahl Nitrogen	0.29	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.25	No
5/21/2024 8:45:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	No
5/21/2024 8:45:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	No
6/18/2024 9:05:00 AM	E. Coli	616	MPN/100 ml	MY9	Goose Creek, Stevens Mill Rd.		2	No
6/18/2024 9:05:00 AM	Fecal Coliform	550	CFU/100 ml	MY9	Goose Creek, Stevens Mill Rd.		10	No
6/18/2024 9:05:00 AM	Turbidity	3.4	NTU	MY9	Goose Creek, Stevens Mill Rd.		0.50	No
6/18/2024 9:05:00 AM	Nitrate/Nitrite	0.57	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.05	No
6/18/2024 9:05:00 AM	Total Phosphorus	0.019	mg/L	MY9	Goose Creek, Stevens Mill Rd.		0.010	No
6/18/2024 9:05:00 AM	Total Suspended Solids	5	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	5.0	No
6/18/2024 9:05:00 AM	Suspended Sediment Concentration	4.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	4.1	No
6/18/2024 9:05:00 AM	Total Kjeldahl Nitrogen	0.25	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.25	No
6/18/2024 9:05:00 AM	Hardness	55	mg/L	MY9	Goose Creek, Stevens Mill Rd.		1.0	No
6/18/2024 9:05:00 AM	Calcium	14000	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
6/18/2024 9:05:00 AM	Magnesium	4900	ug/L	MY9	Goose Creek, Stevens Mill Rd.		1000	No
6/18/2024 9:05:00 AM	Copper	2	ug/L	MY9	Goose Creek, Stevens Mill Rd.	<	2.0	No
6/18/2024 9:05:00 AM	Ammonia-Nitrogen	0.1	mg/L	MY9	Goose Creek, Stevens Mill Rd.	<	0.10	No

Attachment 6: FY2024 TMDL Annual Report

For Compliance With:
NPDES Phase II Storm Water Permit Number NCS000395

Reporting Period:
July 1, 2023 through June 30, 2024

Submitted By:

Charlotte-Mecklenburg Storm Water Services

Submittal Date: August 2024

Table of Contents

Tables:

Figures

Appendices

Section 1: TMDLs in Mecklenburg County

The purpose of this document is to satisfy the Total Maximum Daily Load (TMDL) reporting and assessment requirements for the period July 1, 2023 through June 30, 2024 (FY2024) as specified in Section H of NPDES Phase II Storm Water Permit Number NCS000395.

Several of the TMDL watersheds in Mecklenburg County span both Phase I and Phase II jurisdictions. All Phase I and Phase II TMDL compliance efforts are administered by Charlotte-Mecklenburg Storm Water Services (CMSWS), which includes both City of Charlotte (City) and Mecklenburg County (County) programs. The City's program is responsible for compliance with its Phase I storm water permit and Mecklenburg County's program is responsible for Phase II permit compliance for the County, Charlotte-Mecklenburg Schools, Central Piedmont Community College and the Towns of Cornelius, Davidson, Huntersville, Matthews, Mint Hill, and Pineville. To ensure effective coordination, the City and County have agreed that the City will serve as the lead jurisdiction for compliance with TMDL requirements when the majority of the TMDL watershed lies within the Phase I jurisdiction. When most of the watershed lies within Phase II, the County will serve as the lead. The lead jurisdiction is responsible for coordinating and implementing all required TMDL compliance efforts and submitting all the required plans and reports to the State. They are also responsible for coordinating with the other jurisdictions as necessary in the implementation of compliance efforts. Table 1 indicates the lead jurisdiction for all the approved TMDLs in Charlotte-Mecklenburg.

Charlotte-Mecklenburg Storm Water Services (CMSWS) has reviewed the FINAL 2022 303(d) list and integrated 305(b) and 303(d) reports and determined that no new TMDLs were approved in Mecklenburg County; therefore, no changes were made to the TMDL Water Quality Recovery Program described in Section 11 of the November 2023 version of the Storm Water Management Plan (SWMP) developed for compliance with NPDES NCS000395. CMSWS also reviewed the DRAFT 2024 303(d) list and integrated 305(b) and 303(d) reports and provided the following comments to NCDEQ in a letter dated April 26, 2024:

The following reaches should be listed as Category 5 (impaired) for benthos and are not currently listed as such:

- Paw Creek (11-124)
- Beaverdam Creek (11-126)
- Briar Creek (11-137-8-2) – this reach is also spelled incorrectly as "Brier"
- Coffey Creek (11-137-4)
- Fourmile Creek (11-137-9-4)
- Steele Creek (11-137-10)
- Mallard Creek (13-17-5a)
- West Branch Rocky River (13-17-3)
- Clarke Creek (13-17-4)

Additionally, Clarke Creek (13-17-4) is listed as Category 5 for Fish on the draft 2024 303(d) list while the data submitted by CMSWS shows that the latest fish sample in 2022 was Category 1 (good-fair).

Section H of NPDES Permit Number NCS000395 identifies the objective of a Water Quality Recovery Program for TMDLs as reducing levels of the pollutant of concern in accordance with approved Waste Load Allocation (WLAs) assigned to stormwater in an approved TMDL. The Permit includes the following requirements for TMDL watersheds in the Phase II jurisdictions of Mecklenburg County:

1. Within 12 months of the final approval of a TMDL, the permittee's annual reports shall include a description of existing programs, controls, partnerships, projects, and strategies to address impaired waters and a brief explanation as to how the programs, controls, partnerships, projects, and strategies address impaired waters.
2. Within 24 months of the final approval of a TMDL, the permittee's annual reports shall include an assessment of whether additional structural and/or non-structural BMPs are necessary to address impaired waters and a brief explanation as to how the programs, controls, partnerships, projects, and strategies address impaired waters.
3. Within 36 months of the final approval of a TMDL, the permittee's annual reports shall include a description of activities expected to occur and when the activities are expected to occur.

Section H of NPDES Permit Number NCS000395 further specifies that if subject to an approved TMDL, the Permittee is in compliance with the TMDL if the permittee complies with the conditions of this permit, including developing and implementing appropriate BMPs to reduce non-point source pollutant loading to the maximum extent practicable (MEP). While improved water quality is the expected outcome, the NPDES MS4 permit obligation is to reduce non-point source pollutant loading to the maximum extent practicable (MEP). The MS4 Permittee is not responsible for attaining water quality standards (WQS) at the ambient monitoring stations. The Division expects attaining WQS will only be achieved through reduction from the MS4, along with reductions from other nonpoint source contributors.

The purpose of the annual report and assessment contained herein is to describe how the above permit requirements have been satisfied for the approved TMDLs applicable to Mecklenburg County as described in Table 1. Figure 1 shows the locations of these receiving waters in relation to the Phase I and Phase II jurisdictions in Mecklenburg County.

Table 1: Approved TMDLs for Mecklenburg County's Phase I and Phase II Jurisdictions

AU Name	AU Number	Class	TMDL Pollutant	IR Category (2022)	EPA Approved	MS4 WLA?	Lead Jurisdiction
Irwin Creek	11-137-1	C	DO	1	2/5/1996	No	Charlotte
			Fecal Coliform	4t	3/28/2002	No	Charlotte
			Turbidity	4i	2/8/2005	Yes	Charlotte
Long Creek	11-120-(0.5)	C	Turbidity	3i	2/8/2005	Yes	Charlotte
Long Creek	11-120-(2.5)	WS-IV	Turbidity	3i	2/8/2005	Yes	Charlotte
Little Sugar	11-137-8a	C	DO	1	2/5/1996	No	Charlotte
			Fecal Coliform	4t	3/28/2002	No	Charlotte
Little Sugar	11-137-8b	C	DO	1	2/5/1996	No	Charlotte
			Fecal Coliform	4t	3/28/2002	No	Charlotte
Little Sugar	11-137-8c	C	DO	1	2/5/1996	No	Charlotte

AU Name	AU Number	Class	TMDL Pollutant	IR Category (2022)	EPA Approved	MS4 WLA?	Lead Jurisdiction
			Fecal Coliform	4t	3/28/2002	No	Charlotte
			Turbidity	4i	2/8/2005	Yes	Charlotte
McAlpine Creek	11-137-9a	C	DO	1	2/5/1996	No	Charlotte
			Fecal Coliform	4t	3/28/2002	No	Charlotte
			Turbidity	1i	2/8/2005	Yes	Charlotte
McAlpine Creek	11-137-9b	C	DO	1	2/5/1996	No	Charlotte
			Fecal Coliform	4t	3/28/2002	No	Charlotte
			Turbidity	1i	2/8/2005	Yes	Charlotte
McAlpine Creek	11-137-9c	C	DO	1	2/5/96	No	Charlotte
			Fecal Coliform	4t	3/28/2002	No	Charlotte
			Turbidity	1i	2/8/2005	Yes	Charlotte
McAlpine Creek	11-137-9d	C	DO	1	2/5/1996	No	Charlotte
			Fecal Coliform	4t	3/28/2002	No	Charlotte
			Turbidity	1i	2/8/2005	Yes	Charlotte
Sugar Creek	11-137b	C	Fecal Coliform	4t	3/28/2002	No	Charlotte
			Turbidity	4i	2/8/2005	Yes	Charlotte
Sugar Creek	11-137c	C	Fecal Coliform	4t	3/28/2002	No	Charlotte
			Turbidity	4i	2/8/2005	Yes	Charlotte
McKee Creek	13-17-8-4	C	Fecal Coliform	4t	8/1/2003	Yes	Charlotte
Rocky River	13-17a	C	Fecal Coliform	4t	9/19/2002	Yes	Mecklenburg
Steele Creek	11-137-10	C	Fecal Coliform	SC TMDL	5/2007	Yes	Charlotte
Lake Wylie	11-122	C	Chlorophyll-a	1	2/5/1996	No	Mecklenburg
Lake Wylie	11-(123.5)a	C	Chlorophyll-a	1	2/5/1996	No	Mecklenburg
Goose Creek	13-17-18a	C	Fecal Coliform	4t	7/8/2005	Yes	Mecklenburg

Definitions applicable to Table 1 above are provided below. Other definitions for the table are provided on page vi of the Table of Contents.

- AU Number: NCDEQ identifies waters by index numbers and assessment unit numbers (AU#) that are used to track defined stream segments or waterbodies.
- Class (Water Quality Classification): Designations applied to surface water bodies by NCDEQ that define the best uses to be protected within these waters as required by the Clean Water Act, including water supply use (WS), recreation activities (B), and aquatic life (C).
- TMDL: Acronym for Total Maximum Daily Load. A TMDL is the calculation of the maximum amount of a pollutant allowed to enter a waterbody so that the waterbody will meet and continue to meet water quality standards for that particular pollutant. A TMDL identifies pollutant reduction targets and allocates load reductions necessary to the source(s) of the pollutant to restore waterbodies where water quality criteria are exceeded.
- IR (Integrated Report) Category: Levels of water quality criteria attainment as defined in the NCDEQ Integrated Report as follows:
  - 1 - Meeting Criteria.
  - 1b Meeting Criteria - A management strategy in place for parameter 1t: Parameter is meeting criteria and there is an approved TMDL in place for that parameter. The TMDL remains in place to ensure that criteria are maintained.
  - 1f Meeting Criteria - Fish tissue collected in Assessment Unit with no advisories other than statewide Mercury advice.
  - 1i Meeting Criteria - Parameter assessed is addressed by a TMDL for a different parameter.

- 1nc Meeting Criteria - Parameter assessed was exceeding criteria but due to natural conditions (documentation required).
- 1r Meeting Criteria - Parameter assessed as part of restoration project.
- 1t Meeting Criteria - Parameter assessed has an approved TMDL.
- 3a Data Inconclusive.
- 3b Data Inconclusive - Management strategy in place for parameter.
- 3c Data Inconclusive - Parameter is a non-pollutant - TMDL not required.
- 3i Data Inconclusive - Parameter assessed is addressed by a TMDL for a different parameter.
- 3r Data Inconclusive - Parameter assessed as part of restoration project.
- 3t Data Inconclusive - Parameter assessed has an approved TMDL.
- 3v Data Inconclusive - Parameter is part of permit variance.
- 3z1 Data Inconclusive - Data not assessed against a NC water quality standard.
- 4i Exceeding Criteria - Parameter assessed is addressed by a TMDL for a different parameter.
- 4t Exceeding Criteria - Parameter assessed has an approved TMDL.
- 4b Exceeding Criteria - a management strategy in place for parameter.
- 4c Exceeding Criteria - Parameter is a non-pollutant - TMDL not required.
- 4cr Exceeding Criteria - recreational advisory postings greater than 61 days in the assessment period.
- 4cs Exceeding Criteria - Shellfish growing area - not approved. Approved fecal coliform bacteria TMDL assessed in category 4t.
- 4r Exceeding Criteria - Ongoing restoration activities in place to address parameter. Also, for restoration parameters without water quality standards.
- 4v Exceeding Criteria - Parameter is part of permit variance.
- 5 Exceeding Criteria - TMDL or other management strategy required.
- 5r Exceeding Criteria - Ongoing restoration activities in place to address parameter.
- S.C. TMDL: Waterbody is subject a TMDL in S.C.

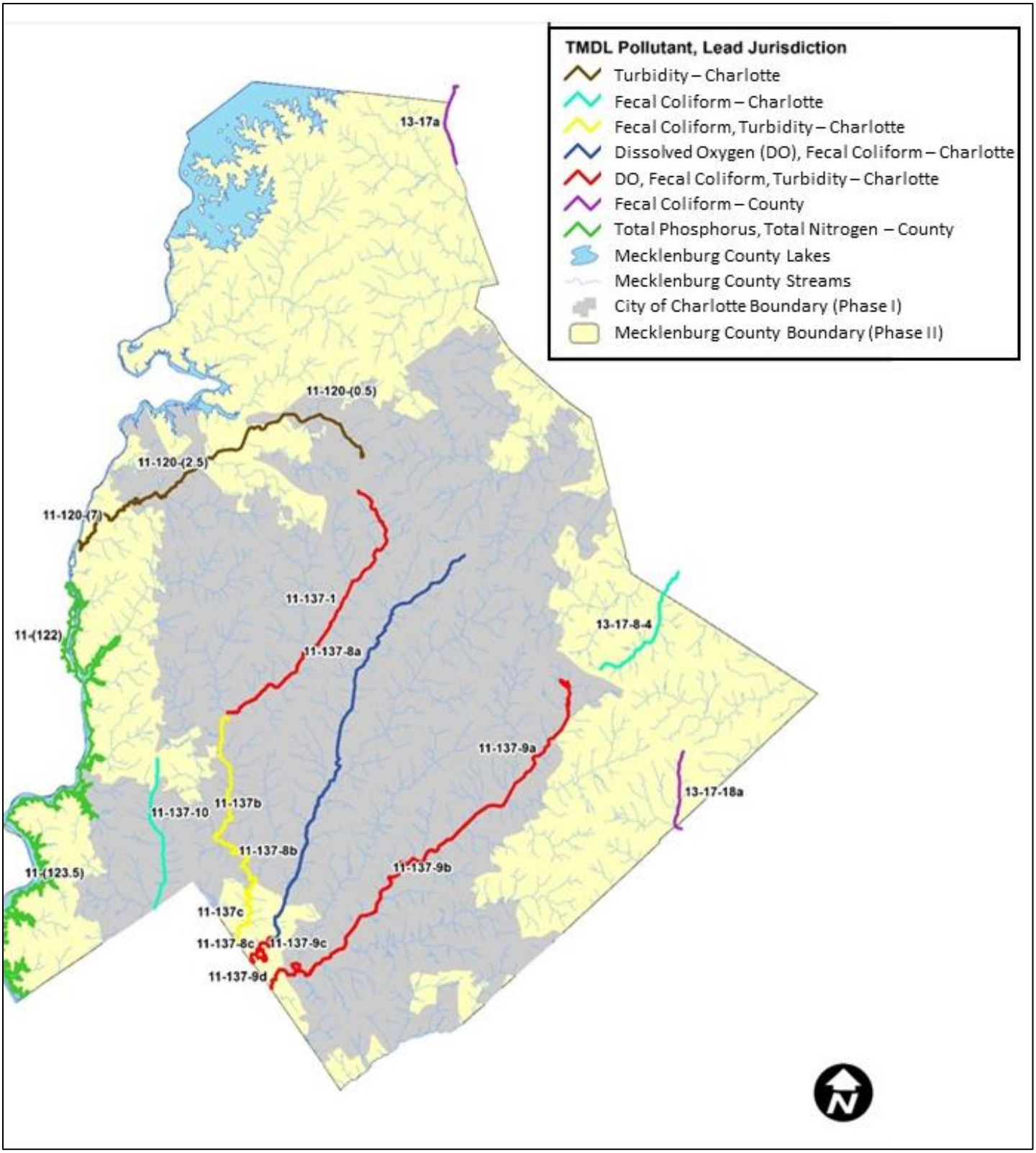


Figure 1: Surface Waters in Mecklenburg County with Approved TMDLs

Section 2: Efforts to Address Impaired Waters in Mecklenburg County

The efforts undertaken to address impaired waters in Mecklenburg County, including programs, controls, partnerships, projects, and strategies, are performed by CMSWS. As described in Section 1, Mecklenburg County staff with CMSWS lead these efforts in the Phase II jurisdictions and the City of Charlotte in Phase I partnering with the County. This Section discusses these efforts in the Phase II jurisdictions only, including all data that is reported (see Appendix A). It is important to note that Mecklenburg County is only responsible for compliance efforts in Phase II, which includes the TMDLs for Goose Creek, Rocky River, and Lake Wylie. Mecklenburg County's efforts are described in detail in its TMDL Water Quality Recovery Program contained in Section 11 of the SWMP developed for compliance with NPDES NCS000395.

2.1 BMPs and Associated Measurable Goals

During FY2024, all the BMPs and measurable goals identified in the Phase II Permit NCS000395 and the associated SWMP were effectively fulfilled as described in Table 2. The table also provides the Activity Report number from the County's Cityworks database that includes documentation of the work completed for each BMP. The subsections following Table 2 describe the existing programs, controls, partnerships, projects, and strategies to address impaired waters (herein referred to as BMPs) and a brief explanation as to how these BMPs function. These subsections also describe the specific activities completed in FY2024 through the implementation of these BMPs. Section 3 provides an assessment of current BMP effectiveness, including an analysis of applicable monitoring data. Section 4 provides a description of additional BMPs implemented in FY2024, as well as those planned for implementation in FY2025 along with an implementation timeline, and a brief explanation as to how these additional BMPs will address impaired waters.

Table 2: BMP Summary Table for Impaired Waters with TMDLs

Total Maximum Daily Load (TMDL) Program (Permit Ref. Section H; Part III Sections A,B,C,D; Part IV Sections B,F): Implement a program to reduce levels of the pollutant of concern in accordance with approved Waste Load Allocation (WLAs) assigned to stormwater in an approved TMDL.					
BMP # & Work Plan Code	**A**	**B**	**C**	**D**	**E**
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric**	**Annual Reporting Status**
#35 IW-1	Evaluate Impaired Waters				
	Identifying those impaired waters with an approved TMDL in Mecklenburg County that have a waste load allocation assigned to stormwater.	a. Annual Report – Document completion of Work Plan program element	Annually beginning July 1	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76655, 87378 See Section 1 of this document
		b. Annual Assessment	Annually beginning July 1	Completed/Not Completed	
		c. Review TMDLs Approved by EPA	Annually beginning July 1	c.1. Completed/Not Completed c.2. # and description of new TMDLs approved	
		d. Review Approved and Draft Versions of N.C. Integrated Report	Annually beginning July 1	d.1. Completed/Not Completed d.2. # and description of changes	

Total Maximum Daily Load (TMDL) Program (Permit Ref. Section H; Part III Sections A,B,C,D; Part IV Sections B,F): Implement a program to reduce levels of the pollutant of concern in accordance with approved Waste Load Allocation (WLAs) assigned to stormwater in an approved TMDL.

BMP # & Work Plan Code	A Description of BMP	B Measurable Goal(s)	C Schedule for Implementation	D Annual Reporting Metric	E Annual Reporting Status
#36 IW-2	Water Quality Recovery Plans for TMDLs				
	Developing and implementing Water Quality Recovery Plans (WQRPs) for TMDL waters with a waste load allocation assigned to stormwater.	a. Annual Report – Document completion of Work Plan program element	Annually beginning July 1	Completed/Not Completed	Completed & Permit Compliance Achieved AR#: 76656, 87379 See Sections 2, 3, and 4 of this document
		b. Annual Assessment – Document status of implementation of the Storm Water Plan	Annually beginning July 1	Completed/Not Completed	
		c. Evaluate Land Use and Development	Annually beginning July 1	c.1. Completed/Not Completed c.2. # and type changes	
		d. Review BMPs or SCMs to Reduce Nonpoint Source Pollution	Annually beginning July 1	d.1. Completed/Not Completed d.2. # and type changes	
		e. Determine Location of Failed Septic Systems	Annually beginning July 1	e.1. Completed/Not Completed e.2. # failing systems	
		f. Confirm Follow Up Activities Are Conducted	Annually beginning July 1	f.1. Completed/Not Completed f.2. # repairs completed	
		g. Inspect Major Outfalls	Annually beginning July 1	g.1. Completed/Not Completed g.2. # inspections	
		h. Conduct Follow Up Activities	Annually beginning July 1	f.1. Completed/Not Completed f.2. # problems corrected	
		i. Analyze Monitoring Data	Annually beginning July 1	Completed/Not Completed	
		j. Identify Additional Measures to Achieve TMDL WLA	Annually beginning July 1	j.1. Completed/Not Completed j.2. # and type additional measures	
		k. Implement Water Quality Recovery Plans	Annually beginning July 1	Completed/Not Completed	
		l. Inspect Privately Owned Lift Stations	Annually beginning July 1	Completed/Not Completed # inspections	
		m. Assess for Negative Water Quality Impacts	Annually beginning July 1	m.1. Completed/Not Completed m.2. # problems detected/corrected	
#37 IW-4	Assess Effectiveness of Water Quality Recovery Plans for TMDLs				
	Assessing the effectiveness of BMPs at addressing TMDL waters.	a. Annual Report	Annually beginning July 1	Completed/Not Completed	Completed & Permit Compliance Achieved
		b. Annual Assessment	Annually beginning July 1	Completed/Not Completed	
		c. Discuss and Facilitate Work Plan Changes	c. Continuously Permit Years 1-5	Completed/Not Completed	

Total Maximum Daily Load (TMDL) Program (Permit Ref. Section H; Part III Sections A,B,C,D; Part IV Sections B,F): Implement a program to reduce levels of the pollutant of concern in accordance with approved Waste Load Allocation (WLAs) assigned to stormwater in an approved TMDL.					
BMP # & Work Plan Code	**A**	**B**	**C**	**D**	**E**
	Description of BMP	**Measurable Goal(s)**	**Schedule for Implementation**	**Annual Reporting Metric**	**Annual Reporting Status**
		d. Implement improvements in the next fiscal year.	Annually beginning July 1	d.1. Completed/Not Completed d.2. List of improvements	AR#: 76663, 87380 See Section 4, 5, and 6 of this document

2.2 Description of Existing BMPs and Their Effectiveness

The pollutants of concern for the TMDL watersheds in Mecklenburg County are dissolved oxygen, fecal coliform bacteria, turbidity, and chlorophyll-a, which is associated with elevated nutrients (see Table 1). CMSWS has identified the existing BMPs described in the following subsections as effective for addressing these pollutants of concern. These subsections include a description of the specific activities completed during FY2024 through the implementation of these BMPs in the Phase II jurisdictions. Appendix A provides all data collected through the implementation of these activities. The data contained in Appendix A is broken out in the following applicable subsections. For data applicable to Phase I, contact Charlotte Storm Water Services. Details regarding BMP implementation are provided in the SWMP.

2.2.1 Public Education & Outreach (Section 3 of SWMP)

Public education and outreach activities work to improve impaired water quality by informing the community of the impacts of the pollutants of concern on the quality and usability of water bodies and the steps that the public can take to reduce these pollutants. During FY2024, the following existing public education and outreach activities were implemented in Mecklenburg County, including all the TMDL watersheds:

1. Utility Bill Inserts
2. Brochures, Environmental Notices and Newsletters
3. Print Ads
4. Media Campaign
5. Social Media
6. Workshops and Video Taped Messages
7. Web Pages
8. School and other Educational Presentations as well as Public Events
9. Storm Water Helpline

Table 3 below provides data related to public education and outreach activities completed in the TMDL watersheds in Mecklenburg County's Phase II jurisdictions during FY2024.

Table 3: FY2024 Public Education and Outreach Activities in TMDL Watersheds

# Description	Goose	Irwin	Lake Wylie	Little Sugar	Long	McAlpine	McKee	Rocky River	Steele	Sugar	Totals
# school educational presentations conducted	0	23	1	44	0	29	0	0	0	0	**97**
# of school students educated at presentations	0	612	30	980	0	752	0	0	0	0	**2,374**
# of public educational presentations conducted	0	14	1	7	1	0	0	2	1	2	**28**
# of persons educated at public presentations	0	620	8	207	30	0	0	75	100	50	**1,090**
# of public events attended	1	5	1	12	1	2	0	1	1	1	**25**
# of persons interacted with at public events	300	107	205	577	350	242	0	0	50	49	**1,880**
# of environmental notices/educational brochures issued	0	24	1	40	3	28	0	0	7	7	**110**
# of pet waste deposits marked	0	0	0	0	0	0	0	0	0	0	**0**
# of sites where the Pet Waste Campaign occurred	0	1	0	0	0	0	0	0	0	0	**1**
# persons sent stormwater program related utility bill inserts	0	210,000	149,520	416,640	144,480	544,320	31,290	0	77,280	105,840	**1,679,370**

During FY2024, the BMPs implemented for the Public Education and Outreach Program were evaluated and found to be effective at reducing non-point source pollutant loading to the receiving streams of TMDL watersheds to the maximum extent practicable. Therefore, these BMPs will continue to be used in FY2025 to comply with TMDL requirements.

2.2.2 Public Involvement and Participation (Section 4 of SWMP)

Public Involvement and Participation Program activities work to improve impaired water quality by involving the public in efforts to reduce the pollutants of concern. During FY2024, the following existing Public Involvement and Participation Program activities were implemented in Mecklenburg County, including all the TMDL watersheds:

1. Adopt-A-Stream
2. Annual Surface Water Clean Up Event (The Big Spring Clean)

3. Volunteer Monitoring
4. Storm Drain Marking

Table 4 below provides data relating to Public Involvement and Participation Program activities completed in the TMDL watersheds in Mecklenburg County's Phase II jurisdictions during FY2024.

Table 4: FY2024 Public Involvement & Participation Activities in TMDL Watersheds

# Description	Goose	Irwin	Lake Wylie	Little Sugar	Long	McAlpine	McKee	Rocky River	Steele	Sugar	Totals
# Storm Drains Marked	0	249	151	250	0	116	0	143	10	126	**1,045**
# adopt-a-stream miles cleaned	2	17	1	57	7	24	0	9	3	11	**131**
Lbs. adopt-a-stream clean-up trash/debris collected	70	13,628	150	31,371	3,180	7,568	0	440	575	14,991	**71,973**

During FY2024, the BMPs implemented for the Public Involvement and Participation Program were evaluated and found to be effective at reducing non-point source pollutant loading to the receiving streams of TMDL watersheds to the maximum extent practicable. Therefore, these BMPs will continue to be used in FY2025 to comply with TMDL requirements.

2.2.3 Illicit Discharge Detection and Elimination (IDDE) (Section 5 of SWMP)

Illicit Discharge Detection and Elimination (IDDE) Program activities work to improve impaired water quality by identifying and eliminating sources of the pollutants of concern. During FY2024, the following existing IDDE Program activities were implemented in Mecklenburg County, including the TMDL watersheds:

1. Responding to Citizen Requests for Service
2. Enforcement of Pollution Control Ordinances
3. Conducting Facility Inspections
4. Performing Water Quality Monitoring Activities
5. Implementing the Illicit Discharge Elimination Program (IDEP)
6. Conducting Stream Walks & Dry Weather Flow Investigations

Table 5 below provides data relating to IDDE Program activities completed in the TMDL watersheds in Mecklenburg County's Phase II jurisdictions during FY2024.

Table 5: FY2024 IDDE Activities in TMDL Watersheds

# Description	Goose	Irwin	Lake Wylie	Little Sugar	Long	McAlpine	McKee	Rocky River	Steele	Sugar	Totals
# Service Requests responded to	3	99	17	177	37	167	7	5	26	41	579

# Description	Goose	Irwin	Lake Wylie	Little Sugar	Long	McAlpine	McKee	Rocky River	Steele	Sugar	Totals
# outfalls inspected while responding to service requests	0	9	0	70	1	0	0	0	6	9	**95**
# major outfalls inspected while responding to service requests	0	9	0	3	1	0	0	0	11	9	**33**
# dry weather flows sampled while responding to service requests	0	0	0	10	1	3	0	0	2	0	**16**
# educational Brochures/Pamphlets/Env. Notices distributed while responding to service requests	0	24	1	40	3	28	0	0	7	7	**110**
# of stream miles assessed	0	12	0	0	0	202	0	0	0	0	**214**
# outfalls inspected under stream walk program	0	77	0	0	0	1,088	0	0	0	0	**1,165**
# major outfalls inspected under stream walk program	0	8	0	0	0	75	0	0	0	0	**83**
# dry weather flows sampled under stream walk program	0	0	0	0	0	12	0	0	0	0	**12**
# outfalls inspected under IDEP program	0	14	0	71	1	1	0	0	6	15	**108**
# major outfalls inspected under IDEP program	0	5	0	1	1	0	0	0	3	3	**13**
# dry weather flows sampled under IDEP program	0	0	0	3	0	0	0	0	0	0	**3**
# pollution problems/issues discovered through under IDEP program	0	3	0	17	0	0	0	0	0	0	**20**
# of failing septic systems discovered	0	1	0	0	0	0	0	0	0	0	**1**
# of failing septic systems repaired	0	1	0	0	0	0	0	0	0	0	**1**
# of failing septic systems connected to municipal sewer	0	2	1	3	1	7	1	0	2	4	**21**

During FY2024, the BMPs implemented for the Illicit Discharge Detection and Elimination Program were evaluated and found to be effective at reducing non-point source pollutant loading to the receiving streams of TMDL watersheds to the maximum extent practicable. Therefore, these BMPs will continue to be used in FY2025 to comply with TMDL requirements.

2.2.4 Charlotte Water Program

The City's water and sewer utility department (Charlotte Water) maintains a public education program focused on keeping food related fats, oils, and grease from being discharged to the sanitary sewer system in the Phase I and Phase II jurisdictions. In recent years, the focus of this program has been expanded to include wipes and paper towels that can be flushed down the toilet. The program is referred to as "Flow Free." This effort helps to reduce clogging and

blockages in the system and prevent SSOs, which can introduce fecal coliform and other pollutants to water bodies. The program has proven to be effective and will continue to be implemented in FY2025.

2.2.5 Sewer Use Ordinance

Implementation and enforcement of the Sewer Use Ordinance by Charlotte Water in the Phase I and Phase II jurisdictions provides the legal mechanism to ensure proper use and connection to the sanitary sewer system and correction of problems and illegal practices. Ensuring that the system is used properly will help prevent leaks and overflows as well as upsets at wastewater treatment plants thus helping control the TMDL pollutants of concern. This ordinance has proven to be effective and will continue to be implemented in FY2025.

2.2.6 Sanitary Sewer System Inspections and Maintenance

Charlotte Water conducts inspections and maintenance of various components of the sanitary sewer system in the Phase I and Phase II jurisdictions to ensure proper operating function and prevent leaks and overflows. These include food service grease trap inspections, commercial oil/water separator inspections, sanitary sewer line root control and cleaning, sewer line right-of-way clearing and maintenance, and lift station inspection and maintenance. Ensuring that the system is used properly, inspected, and maintained helps prevent leaks and overflows as well as upsets at wastewater treatment plants thus helping control the TMDL pollutants of concern. These inspection and maintenance efforts have proven to be effective and will continue to be implemented in FY2025.

2.2.7 SSO Rapid Response

Charlotte Water maintains a rapid response program designed to quickly and efficiently respond to sanitary sewer overflows, thus reducing the discharge of pollutants to the MEP and helping control the TMDL pollutants of concern in the Phase I and Phase II jurisdictions. These programs have proven to be effective and will continue to be implemented in FY2025.

2.2.8 Construction Site Runoff Control (Section 6 of SWMP)

The following existing construction site storm water runoff control activities have been identified as suitable for addressing the pollutants of concern in the TMDL watersheds. These BMPs address impaired waters by reducing discharges of pollutants of concern from construction sites. During FY2024, these BMPs were effectively implemented in the TMDL watersheds in Charlotte-Mecklenburg.

1. Erosion Control Plan Reviews
2. Erosion Control Inspections
3. Enforcement of Erosion Control Ordinance – Enhanced erosion control measures are required in all TMDL watersheds.
4. Erosion Control Hotline
5. Erosion Control Education
6. Erosion Control at Government Projects

Table 6 below provides data relating to Construction Site Runoff Control Program activities completed in the TMDL watersheds in Mecklenburg County's Phase II jurisdictions during FY2024.

Table 6: FY2024 Construction Site Runoff Control Activities in TMDL Watersheds

# Description	Goose	Irwin	Lake Wylie	Little Sugar	Long	McAlpine	McKee	Rocky River	Steele	Sugar	Totals
# Erosion Control Inspections	57	0	0	12	0	204	0	86	0	51	646
# NOVs Issued	0	0	0	0	0	3	0	1	0	0	7

During FY2024, the BMPs implemented for the Construction Site Runoff Control Program were evaluated and found to be effective at reducing non-point source pollutant loading to the receiving streams of TMDL watersheds to the maximum extent practicable. Therefore, these BMPs will continue to be used in FY2025 to comply with TMDL requirements.

2.2.9 Post-Construction Site Runoff Control (Section 7 of SWMP)

The following existing post-construction site runoff control activities have been identified as suitable for addressing the pollutants of concern in the TMDL watersheds. These BMPs address impaired waters by reducing discharges of pollutants of concern from new development and redevelopment projects. During FY2024, these BMPs were effectively implemented in the Phase I and Phase II jurisdictions in Mecklenburg County.

1. Enforcement of the Post-Construction Storm Water Ordinances
2. Compliance by Co-Permittees with Post-Construction Ordinance Requirements
3. Ensuring Compliance with Requirements for Non-Structural BMPs
4. Ensuring Compliance with Requirements for Structural BMPs
5. Ensuring Compliance with Natural Resource Protection
6. Ensuring Compliance with Open Space Protection
7. Ensuring Compliance with Buffer Requirements
8. Ensuring Compliance with Redevelopment
9. Ensuring Compliance with Green Infrastructure Practices
10. Ensuring Compliance with Operation and Maintenance Requirements

Table 7 below provides data relating to Post-Construction Site Runoff Control Program activities completed in the TMDL watersheds in Mecklenburg County's Phase II jurisdictions during FY2024.

Table 7: FY2024 Post-Construction Site Runoff Control Activities in TMDL Watersheds

# Description	Goose	Irwin	Lake Wylie	Little Sugar	Long	McAlpine	McKee	Rocky River	Steele	Sugar	Totals
# BMP Inspections	25	193	120	412	203	442	22	34	127	227	1,805
# NOVs Issued	1	2	4	4	5	2	0	1	7	3	29
# Corrective Notice Issued	4	29	11	61	52	39	0	16	8	39	259

During FY2024, the BMPs implemented for the Post-Construction Site Runoff Control Program were evaluated and found to be effective at reducing non-point source pollutant loading to the receiving streams of TMDL watersheds to the maximum extent practicable. Therefore, these BMPs will continue to be used in FY2025 to comply with TMDL requirements.

2.2.10 Pollution Prevention and Good Housekeeping (Section 8 of SWMP)

The following existing pollution prevention and good housekeeping activities for municipally owned/operated facilities have been identified as suitable for addressing the pollutants of concern in the TMDL watersheds. These BMPs address impaired waters by reducing discharges of pollutants of concern from municipal facilities and operations. During FY2024, these BMPs were effectively implemented in the Phase I and Phase II jurisdictions in Mecklenburg County.

1. Maintaining an Inventory of Municipal Operations
2. Providing Employee Training
3. Implementing Operation and Maintenance Programs, Spill Prevention and Spill Response
4. Minimizing Pollution from Municipally Owned Streets, Roads and Parking Lots
5. Implementing Operation and Maintenance of Municipally Owned Storm Sewer System
6. Management of Pesticide, Herbicide and Fertilizer Application
7. Preventing or Minimizing Pollution from Vehicle and Equipment Cleaning Areas
8. Implementing Proper Waste Disposal Practices
9. Completing Flood Management Projects

Table 8 below provides data relating to Pollution Prevention and Good Housekeeping Program activities completed in the TMDL watersheds in Mecklenburg County's Phase II jurisdictions during FY2024.

Table 8: FY2024 Pollution Prevention & Good Housekeeping Activities in TMDL Watersheds

# Description	Goose	Irwin	Lake Wylie	Little Sugar	Long	McAlpine	McKee	Rocky River	Steele	Sugar	Totals
# municipal facilities inspected	0	14	8	0	2	2	0	0	0	7	33

During FY2024, the BMPs implemented for the Pollution Prevention and Good Housekeeping Program were evaluated and found to be effective at reducing non-point source pollutant loading to the receiving streams of TMDL watersheds to the maximum extent practicable. Therefore, these BMPs will continue to be used in FY2025 to comply with TMDL requirements.

Section 3: Current TMDL Monitoring Strategies

CMSWS conducts fixed interval stream monitoring every month at 33 locations across the county in the Phase I and Phase II jurisdictions (see Figure 2). Many of these locations are within, or immediately downstream of, the TMDL watersheds that are shown in Figure 1. At each site, samples are collected and analyzed for 16 water quality parameters as follows: ammonia-nitrogen, fecal coliform bacteria, total Kjeldahl nitrogen, nitrate/nitrite, total suspended solids, total phosphorus, E. coli, turbidity, suspended sediment, magnesium, calcium, and copper (dissolved). Lead (dissolved), chromium (total), nickel (total) and zinc (dissolved) are collected in the first month of each quarter. CMSWS also performs annual or bi-annual monitoring for benthic macroinvertebrates in the Phase I and Phase II jurisdictions at the 33 stream monitoring locations shown in Figure 2.

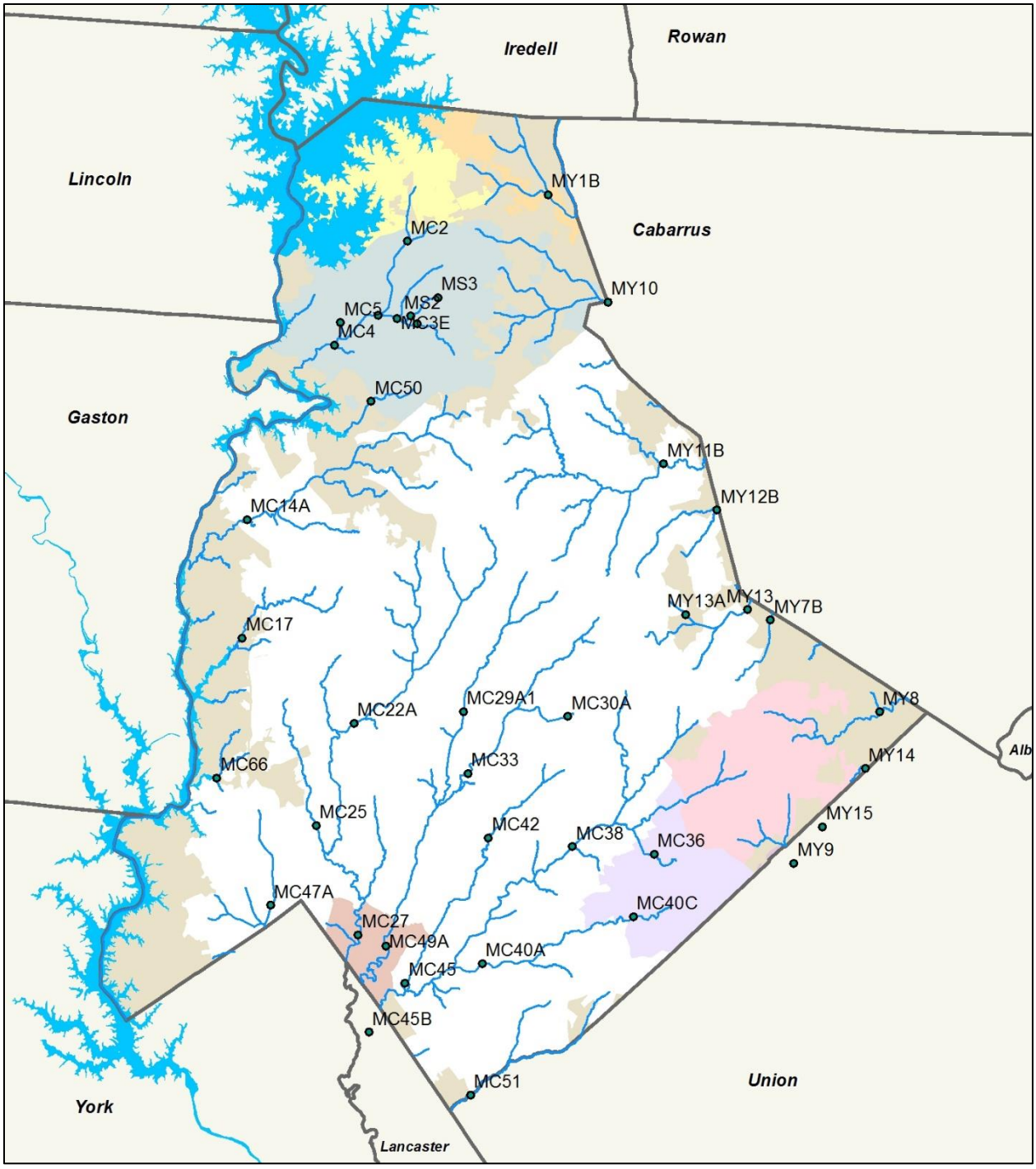


Figure 2: Water Quality Monitoring Locations in Mecklenburg County

CMSWS maintains a Continuous Monitoring and Alert Notification Network or CMANN at 34 locations, including 27 of the fixed interval monitoring locations shown in Figure 3. The CMANN network collects data hourly for turbidity, dissolved oxygen, temperature, conductivity, and pH. CMSWS conducts routine lake monitoring at 27 locations on Lake Norman, Mountain Island Lake and Lake Wylie, including seven locations in the TMDL area identified in Figure 1 for Lake Wylie. This monitoring is performed every other month for the following 12

parameters: secchi depth, temperature, dissolved oxygen, conductivity, pH, fecal coliform bacteria, ammonia nitrogen, nitrate + nitrite, total Kjeldahl nitrogen, total phosphorus, turbidity, and Chlorophyll-a. Monitoring for the following 11 parameters is performed twice a year: copper, chromium, lead, zinc, mercury, manganese, arsenic, cadmium, nickel, selenium, and iron. Additionally, semi-annual monitoring is performed at 10 locations in eight coves on Lake Wylie to monitor potential impacts associated with a long-term residential development project. These semi-annual samples are analyzed for the same 12 parameters measured during bi-monthly routine monitoring. All monitoring results that exceed threshold values are referred for follow-up under the Illicit Discharge Detection and Elimination (IDDE) Program. Long-term assessment for trends is performed on a non-fixed frequency (as needed). Provided below is an assessment of the data collected for the identified parameters in the three (3) TMDL watersheds where Mecklenburg County is assigned as the lead, including the Rocky River and Goose Creek impaired for fecal coliform bacteria and Lake Wylie impaired for nutrients (see Table 1). For data applicable to the other TMDL watersheds in the Phase I jurisdiction, contact Charlotte Storm Water Services. The discussions in the following subsections are limited to data collected up to the end of 2023 as the Federal TMDL Program operates on a calendar year basis as opposed to the fiscal year basis utilized by CMSWS.

3.1 Rocky River Fecal Coliform Monitoring and Land Use Evaluation

A 9.2 mile segment of the Rocky River in Mecklenburg County (AU Number 13-17a) is subject to a fecal coliform TMDL with a WLA assigned to storm water that was approved on September 19, 2002. According to the final NC 2023 305(b) report, the Rocky River is currently not meeting the fecal coliform criteria. Mecklenburg County has been assigned responsibility for this TMDL on behalf of the Phase I and Phase II jurisdictions in Charlotte-Mecklenburg. Phase II Permit conditions required that a monitoring plan be developed for the Fecal Coliform TMDL in the Rocky River Watershed unless a waiver is obtained from NCDEQ. Such a waiver was obtained on June 26, 2014, based on the condition that Mecklenburg County continue to evaluate the land use and development within the watershed on an annual basis and if additional storm water infrastructure is installed or higher intensity land uses are constructed a Monitoring Plan would be reconsidered. In response to this condition, CMSWS has obtained impervious area and land use data from James Scanlon in the County GIS Department back to 2011 and continues to update this data annually (see Table 9). Between 2022 and 2023, the residential impervious cover increased 0.41 acres to a total of 16.5 acres. However, the commercial impervious cover remained unchanged at 0.33 acres during the same time. The total amount of impervious cover in the watershed (residential + commercial) is approximately 16.83 acres as of 2023. Compared to the total area of the watershed at 747 acres, the amount of impervious cover is at 2.25%, which is an increase of 0.35% since 2011 when the impervious cover was at 14.55 acres or 1.95% of the watershed. An additional stormwater outfall was added in 2023 for a total of five (5), which is an increase of 400% since 2011 when there was only one (1) outfall in the watershed. Although changes have definitely occurred in the watershed since 2011, they have not been significant enough to warrant the establishment of a Monitoring Plan. The Rocky River watershed continues to be dominated by scattered single family residential and minimal commercial development with no significant nonpoint sources of pollution. It is highly unlikely that water quality monitoring would yield any significant data. Most of the pollution sources are originating in Iredell County.

Table 9: Annual Analysis of the Rocky River Watershed for the Monitoring Plan

Calendar Year	Residential Impervious Cover (acres)	Commercial Impervious Cover (acres)	Total Impervious Cover (acres)	Storm Water Outfalls (number)
2011	14.22	0.33	14.55	1
2012	14.22	0.33	14.55	1
2013	14.55	0.33	14.88	3
2014	14.88	0.33	15.21	3
2015	15	0.33	15.33	4
2016	15.1	0.33	15.43	4
2017	15.2	0.33	15.53	4
2018	15.69	0.33	16.02	4
2019	15.72	0.33	16.05	4
2020	15.72	0.33	16.05	4
2021	16.03	0.33	16.36	4
2022	16.09	0.33	16.42	4
2023	16.5	0.33	16.83	5
# Increase from 2011	**2.28**	**0.00**	**2.28**	**4**
% Increase from 2011	**16.03%**	**0.00%**	**15.67%**	**400%**

Compliance monitoring for the Rocky River TMDL is performed by NCDEQ at its routine monitoring site # Q7330000, which is located at the bridge crossing over the Rocky River for Davidson Concord Road at the boundary between Mecklenburg and Cabarrus Counties. CMSWS does not perform routine monitoring at this location; therefore, it relies on the data collected by NCDEQ to assess TMDL compliance efforts. In August 2024, CMSWS contacted and received 2023 fecal coliform data collected at Q7330000 from Susan Gale, Data Analyst with the Water Sciences Section of NCDEQ who can be contacted at (919) 743-8408 and susan.gale@deq.nc.gov. An analysis of this data revealed a geometric mean fecal coliform concentration of 478.023 CFU/100 ml., which is only slightly above the State standard and represents a 21% decrease from the geometric mean concentration of 602.74 CFU/100 ml observed in calendar year 2022. Out of the 5 samples collected in 2023, 2 (40%) exhibited concentrations below 400 CFU/100 ml. The remaining 3 samples (60%) exceeded the 400 CFU/100 ml threshold. The North Carolina Administrative Code (NCAC) 02B Fresh Surface Water Quality Standards dictate that fecal coliform "shall not exceed a geometric mean of 200 (CFU)/100 ml…nor exceed 400 [CFU]/100 ml in more than 20 percent of the samples examined…". Table 20 along with Figures 3 and 4 present data collected at Q7330000 indicating very little fluctuation in the mean fecal coliform concentration over the past several years, but significant improvement since the 1970s.

Table 10: NCDWQ Fecal Coliform Data for Site Q7330000 on the Rocky River

Year	Geometric Mean	# Compliant	# Non-Compliant	Total Samples	% Compliant	% Non-Compliant
2017	488.70	5	7	12	42%	58%

Year	Geometric Mean	# Compliant	# Non-Compliant	Total Samples	% Compliant	% Non-Compliant
2018	663.46	5	7	12	42%	58%
2019	357.17	8	4	12	67%	33%
2020	432.40	3	3	6	50%	50%
2021	491.22	7	5	12	58%	42%
2022	602.704	3	8	11	27%	73%
2023	478.023	2	3	5	40%	60%

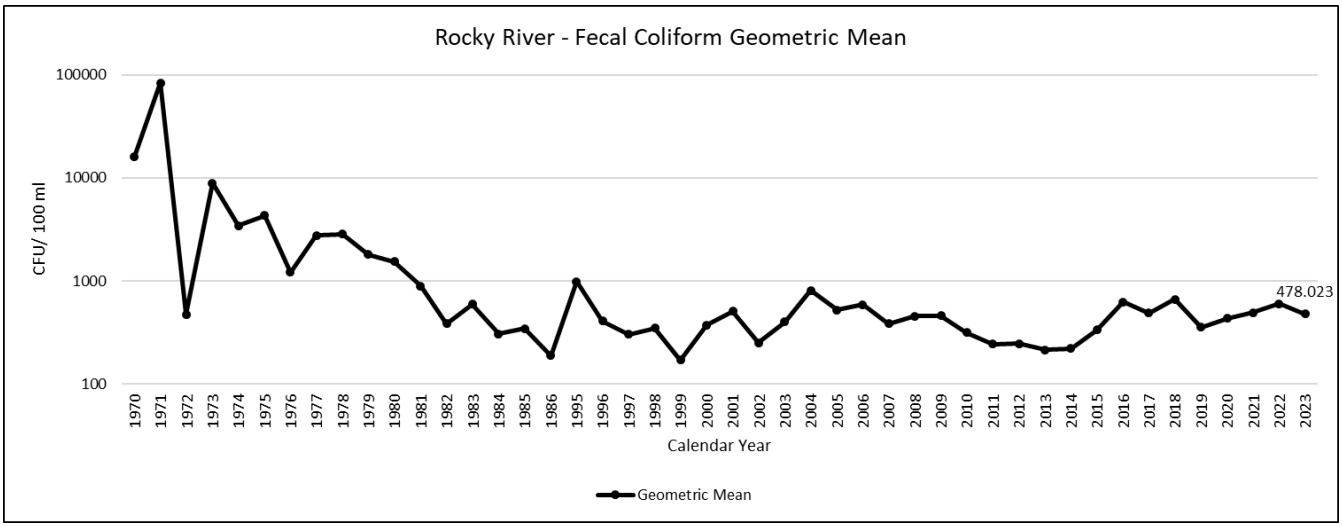


Figure 3: Geometric Mean for Fecal Coliform on Rocky River Site Q7330000

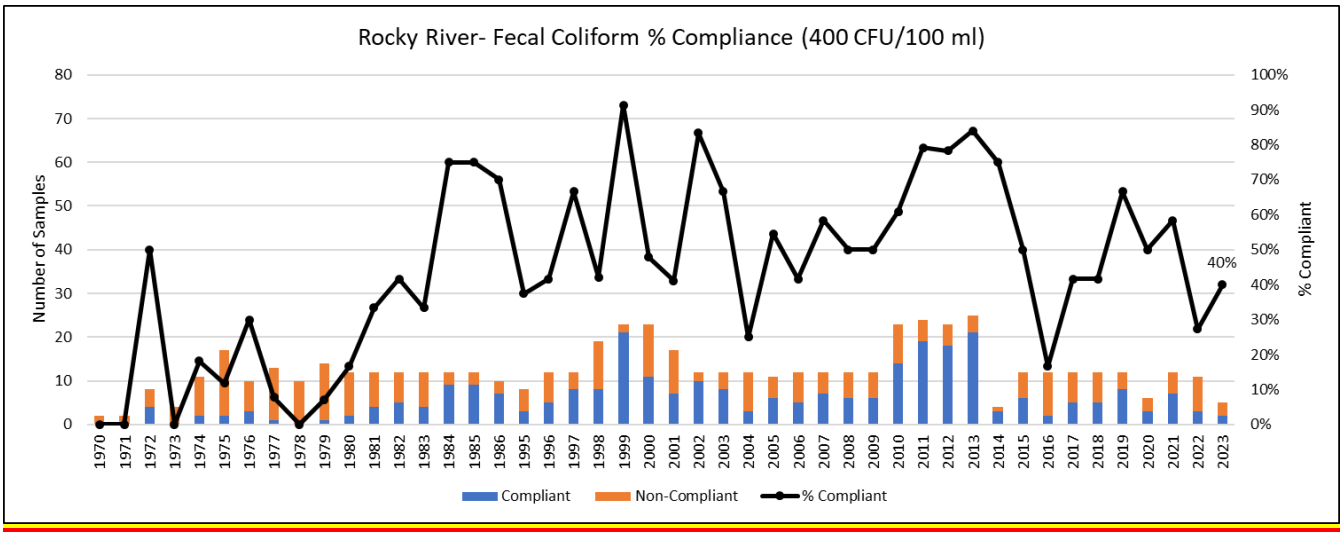


Figure 4: Compliance with Fecal Coliform Standard on Rocky River Site Q7330000

3.2 Goose Creek Fecal Coliform Monitoring

As identified in Table 1, two (2) sections of Goose Creek in Mecklenburg County (AU Numbers 13-17-18a and 13-17-18b) are subject to a fecal coliform TMDL with a WLA assigned to storm water that was approved on July 8, 2005. According to the NC final 2022 305(b) report, fecal coliform concentrations in Goose Creek are currently not meeting state water quality standards.

Mecklenburg County has been assigned responsibility for compliance with this TMDL on behalf of the Phase I and Phase II jurisdictions in Charlotte-Mecklenburg. CMSWS maintains a fixed interval monitoring site (MY9) located at the Stevens Mill Road bridge crossing of Goose Creek in Union County. In calendar year 2023, fecal coliform counts at this station ranged from 160 to 4,340 CFU/100 ml with a geometric mean of 474.62 CFU/100 ml., which represents a 27% increase from the geometric mean concentration of 372.08 CFU/100 ml. observed in calendar year 2022, but is only slightly above the State standard of 400 CFU/100 ml. Eleven (7) of the 13 samples collected in 2023 (53.85%) exhibited concentrations at or below 400 CFU/100 ml. The remaining 6 samples (46.15%) exhibited concentrations above this threshold. No pollution sources were identified as a result of the water quality monitoring in the Goose Creek TMDL watershed in 2023. Table 21 along with Figures 5 and 6 present data collected at MY9 indicating minimal change.

Table 11: CMSWS Fecal Coliform Data for MY9 on the Goose Creek

Year	Geometric Mean	# Compliant	# Non-Compliant	Total Samples	% Compliant	% Non-Compliant
2017	607.12	10	9	19	53%	47%
2018	678.67	11	8	19	58%	42%
2019	427.19	11	8	19	58%	42%
2020	404.11	8	7	15	53%	47%
2021	513.89	8	10	18	44%	56%
2022	372.08	11	6	17	65%	35%
2023	474.62	7	6	13	54%	46%

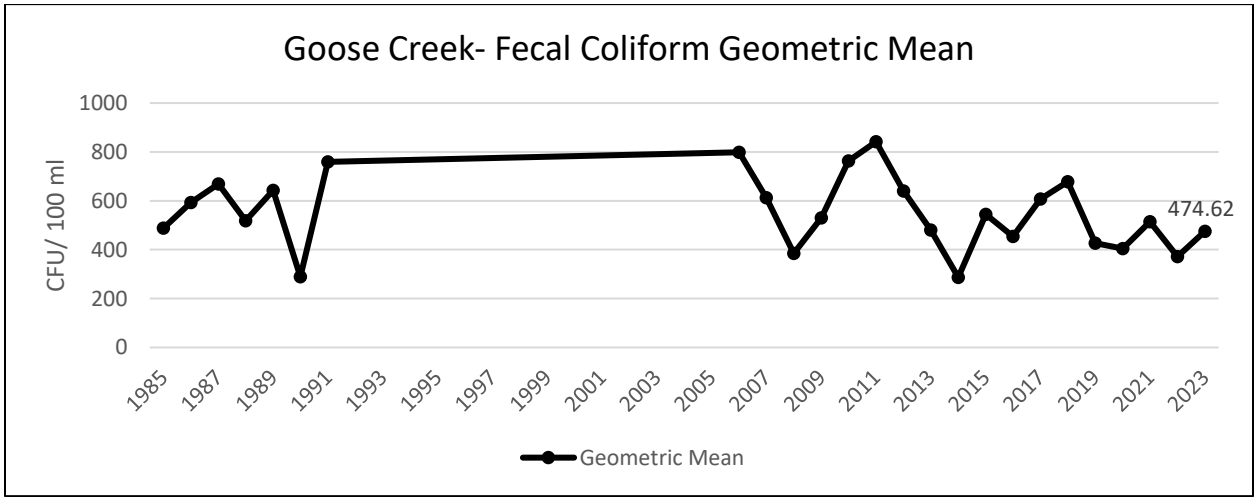


Figure 5: Geometric Mean for Fecal Coliform on Goose Creek at MY9

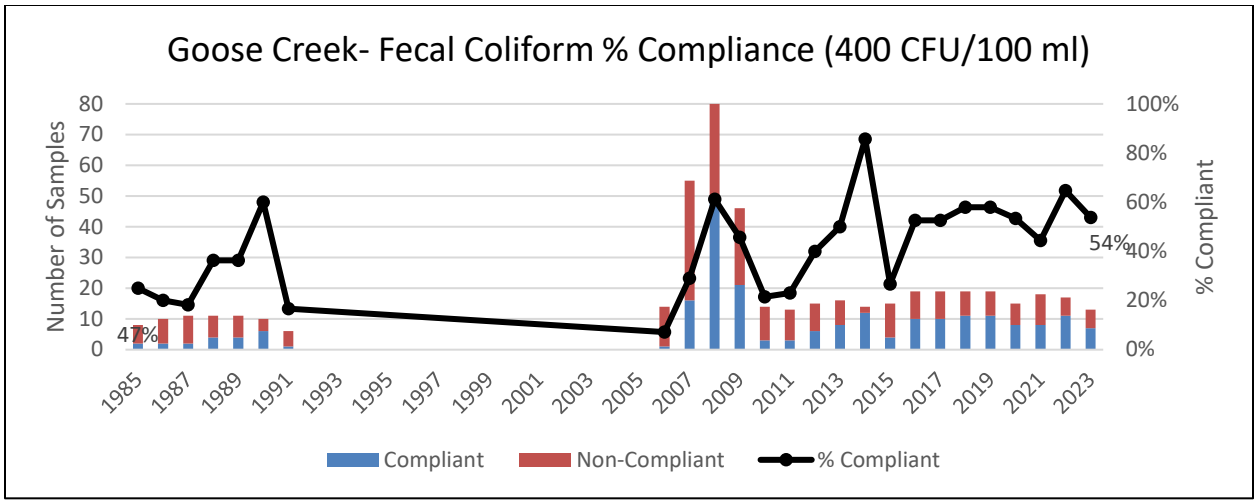


Figure 6: Compliance with Fecal Coliform Standard on Goose Creek at MY9

3.3 Lake Wylie Chlorophyll-A Monitoring

Two (2) sections of Lake Wylie in Mecklenburg County (AU Numbers 11-(122) and 11-(123.5) a) were previously subject to a nutrient (nitrogen and phosphorus) TMDL that was approved on February 5, 1996. However, according to the 2022 Integrated Report these sections are included in Category 1 indicating they are meeting the Criteria without any acknowledgement of a TMDL, which would be Category 1t. Chlorophyll a concentrations can be used as a surrogate for nutrients in water because they can indicate phytoplankton abundance and biomass, which can be related to nutrient loads. During 2023, CMSWS collected 107 Chlorophyll a samples at 20 different monitoring locations in Lake Wylie. An analysis of that data reveals all Chlorophyll-a samples collected were significantly below the State standard of 40 µg/l as illustrated in Figures 7 and 8 below. Figure 8 reveals the lowest concentrations of Chlorophyll a in the main stem and tributaries of the lake with higher concentrations in the coves, which is expected.

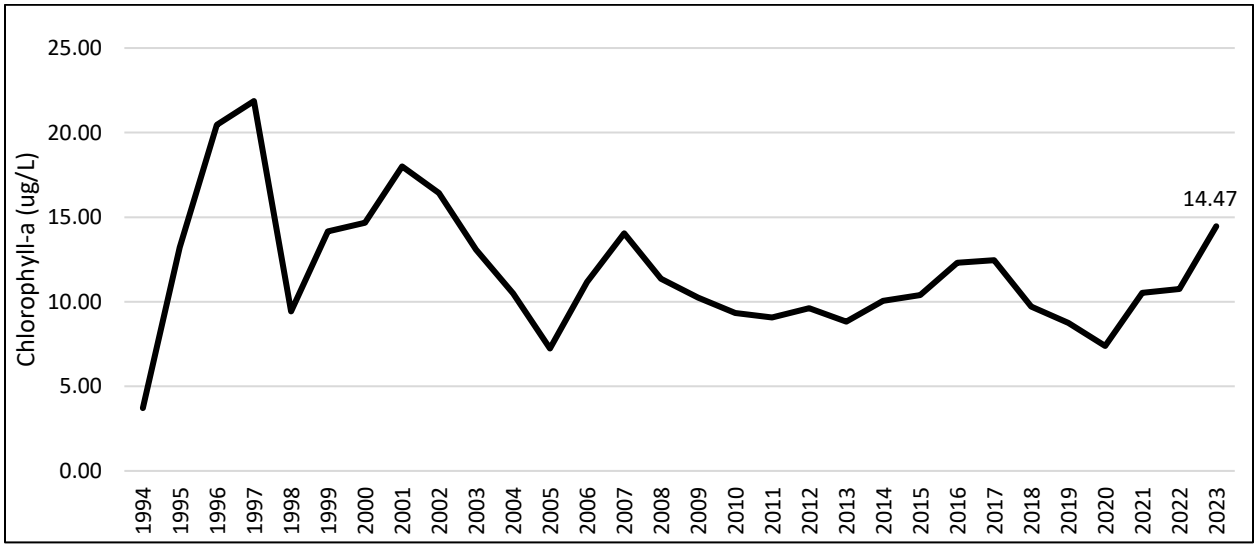


Figure 7: Annual Average Chlorophyll-a Concentration (mg/l) on Lake Wylie

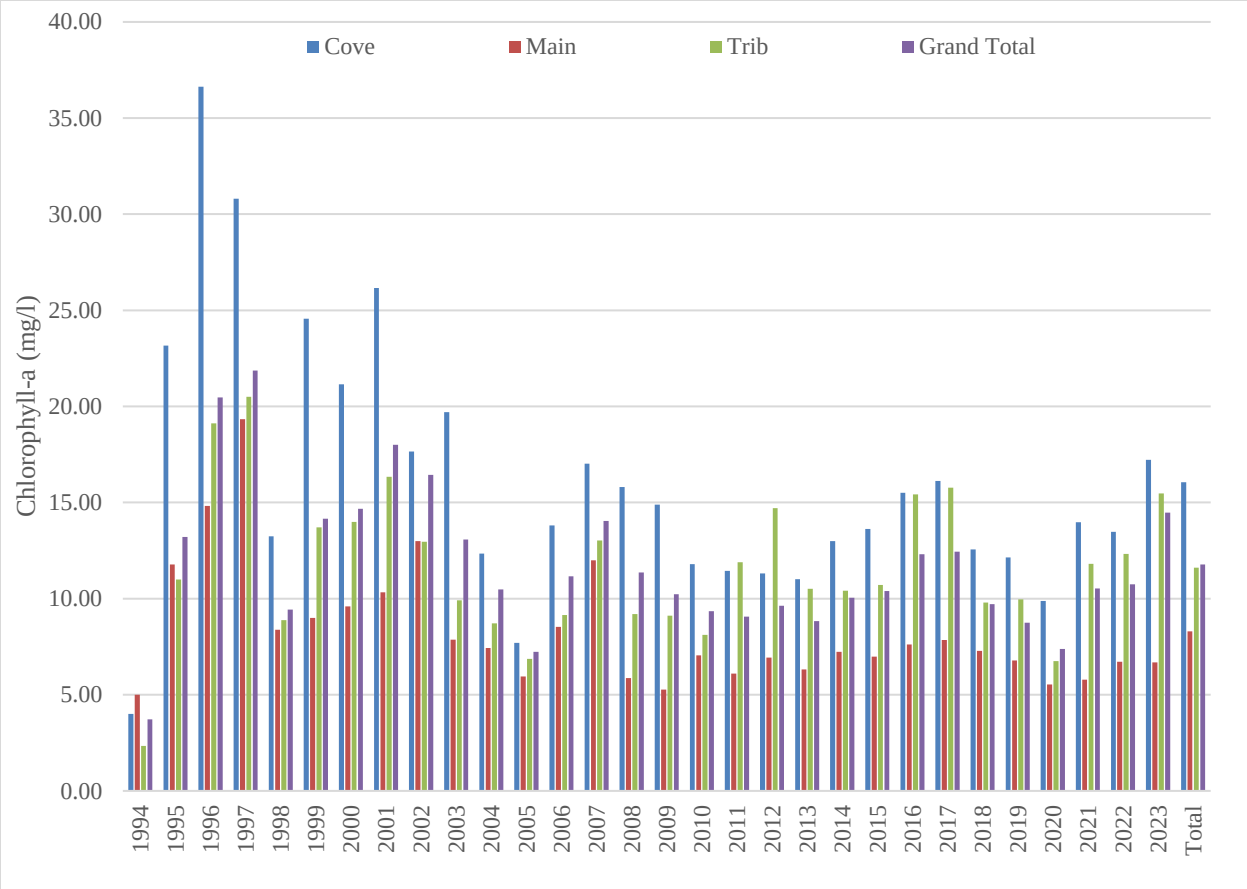


Figure 8: Annual Average Chlorophyll-a on Lake Wylie Coves, Main Stem and Tributaries

3.4 Mercury Monitoring Statewide

As stated in sub-section 9.5.3 of the Storm Water Plan, the State did not include an MS4 NPDES WLA for mercury in their statewide TMDL. Therefore, this document does not discuss compliance measures or data analysis for this TMDL.

3.5 Effectiveness of BMPs Based on Data Analysis

The geometric mean fecal coliform concentration observed in the Rocky River in 2023 decreased from 2022 to 2023 by 21% and the percent compliance with the standard increased by 13%. In Goose Creek, the geometric mean fecal coliform concentration exhibited only a moderate increase (27%) between 2022 and 2023 at only slightly above the State standard of 400 CFU/100ml. The percentage of samples complying with applicable fecal coliform standards decreased slightly at 11% over the same time. However, fecal coliform concentrations and compliance percentages have moderately improved over the past five (5) years since Mecklenburg County increased its TMDL compliance efforts. The existing BMPs for both the Rocky River and Goose Creek watersheds appear to be effective at identifying and eliminating pollution sources in compliance with TMDL requirements. Therefore, these BMPs, along with the additional BMPs identified below, will continue to be implemented in FY2025.

Based on the above-described assessments of data collected in the TMDL watersheds, a general improvement in Chlorophyll-a has been observed in Lake Wylie over the past several decades. In 2023, none of the Chlorophyll-a samples collected from Lake Wylie by CMSWS exceeded the state standard of 40 µg/L. Therefore, it is determined that no additional BMP measures will be implemented in the Lake Wylie TMDL watershed other than those currently implemented countywide as part of the SWMP.

Section 4: Additional BMP Measures

As required by Permit No. NCS000395, CMSWS is continuing to evaluate the effectiveness of the existing structural and/or non-structural BMPs described in the previous sections and identify and implement additional BMPs as necessary to effectively address impaired waters. The following subsections describe the additional BMPs implemented in FY2024, as well as those planned for implementation in FY2025 along with an implementation timeline, and a brief explanation as to how these additional BMPs will address impaired waters.

4.1 Additional BMPs Implemented in FY2024

During FY2024, the following additional activities were completed to reduce fecal coliform bacteria levels and enhance water quality in the Rocky River watershed:

1. NCDEQ, Division of Water Quality continued to conduct water quality monitoring, including sampling for fecal coliform bacteria, at site Q7330000 on the Rocky River. Monitoring results will be analyzed and described in the FY2025 annual report.
2. During FY2024, three (3) notices of violation were issued by the Mecklenburg County Health Department for septic system failures in the Goose Creek Watershed and none in the Rocky River Watershed as shown in Figure 9. System repairs were completed with no negative impacts to surface water quality documented.

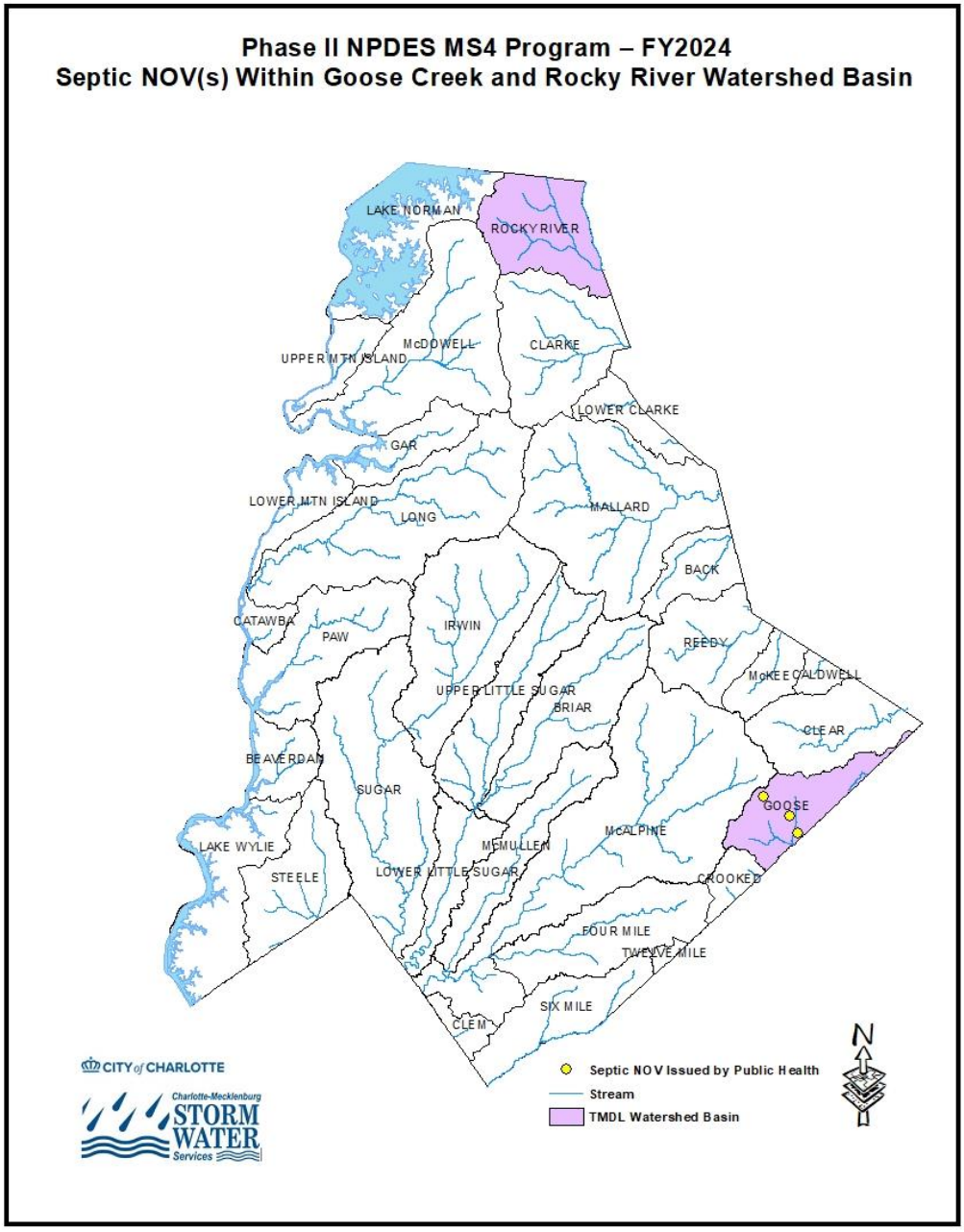


Figure 9: NOVs Issued for Septic System Failures in Phase II TMDL Watersheds

3. On October 3, 2023, the five (5) major outfalls in the Rocky River TMDL watershed in Mecklenburg County were inspected and monitored. No dry weather flows or pollution sources were detected.
4. During FY2024, there were three (3) sewer pump stations in operation in the Goose Creek and none in the Rocky River TMDL watersheds. The Goose Creek pump stations were inspected as follows: Philadelphia Presbyterian Church Lift Station on May 10, 2024 (Activity Report #86006), Mint Lake Village Lift Station on May 10, 2024 (Activity Report #86007), and Bain Elementary School Lift Station on May 21, 2024 (Activity Report #86389). All pumps at the lift stations were present and operable, the

wet wells were free of excessive debris, and all floats/controls for pumps were operable along with their corresponding audio and visual alarms. In addition, during the inspection it was observed that the facilities were properly secured with a 24-hour notification signage posted and that the telemetry systems that provide automated notification when a pump failure occurs were operable.

5. Routine fixed interval monitoring was conducted monthly at site MY9 (Goose Creek – Stevens Mill Road) for 16 parameters including fecal coliform and E. coli. Monitoring results are described in Section 3.2.

4.2 Additional BMPs to be Implemented in FY2025

During FY2025, the following additional BMPs will be implemented in the Rocky River and Goose Creek watersheds to reduce fecal coliform bacteria levels and enhance water quality:

1. By June 30, 2025, CMSWS will complete a review of Health Department records to determine where failed septic systems have been identified in both the Rocky River and Goose Creek TMDL watersheds. Follow up inspections and monitoring will be performed as necessary to ensure the elimination of sources of fecal coliform bacteria associated with failed septic systems thereby addressing impaired waters.
2. By June 30, 2025, major outfalls will be inspected in the Rocky River TMDL watershed. Dry weather flows will be identified, and pollution sources eliminated thereby addressing impaired waters.
3. In April 2025, the three (3) sewer pump stations located in the Goose Creek watershed will be inspected and the necessary corrective actions implemented to ensure proper operation and maintenance. Currently, there are no sewer pump stations in operation in the Rocky River TMDL watershed. If any are added in FY2025, they will be inspected as well.
4. Routine monitoring will continue to be performed monthly by CMSWS at MY9 on Goose Creek at Stevens Mill Road and by NCDEQ, Division of Water Quality at site Q7330000 on Rocky River at SR 2420. Exceedances of established water quality watch and action levels will be identified and follow up actions conducted as necessary for the identification and elimination of pollution sources.
5. Targeted surface water sampling in headwater areas of the Goose Creek watershed will continue in FY2025. Based on the results of FY2025 activities, additional surface water quality and watershed data is needed to further delineate sources of fecal coliform to the system. Watershed modeling and septic system assessments will be utilized to inform decision making and identify potential problem areas.

Section 5: Tracking and Reporting Success

CMSWS will document all activities completed for the identification and elimination of pollution sources in the TMDL watersheds, including all inspections conducted and corrective actions implemented. All confirmed pollution sources will be mapped in GIS and, where possible, pollutant loads will be estimated. This data will be tracked over time as a measure of the success of program activities.

Section 6: TMDL Reporting

This report fulfills the SWMP TMDL reporting requirement by providing a summary of the following:

1. Description of water quality restoration activities completed during the past fiscal year.
2. Description of water quality restoration activities expected to occur next fiscal year.

Appendix A: FY2024 TMDL Data for Mecklenburg County's Phase II Jurisdictions

# Description	Goose	Irwin	Lake Wylie	Little Sugar	Long	McAlpine	McKee	Rocky River	Steele	Sugar	Totals
Public Education and Outreach Activities											
# school educational presentations conducted	0	23	1	44	0	29	0	0	0	0	**97**
# of school students educated at presentations	0	612	30	980	0	752	0	0	0	0	**2,374**
# of public educational presentations conducted	0	14	1	7	1	0	0	2	1	2	**28**
# of persons educated at public presentations	0	620	8	207	30	0	0	75	100	50	**1,090**
# of public events attended	1	5	1	12	1	2	0	1	1	1	**25**
# of persons interacted with at public events	300	107	205	577	350	242	0	0	50	49	**1,880**
# of environmental notices/educational brochures issued	0	24	1	40	3	28	0	0	7	7	**110**
# of pet waste deposits marked	0	0	0	0	0	0	0	0	0	0	**0**
# of sites where the Pet Waste Campaign occurred	0	1	0	0	0	0	0	0	0	0	**1**
# persons sent stormwater program related utility bill inserts	0	210,000	149,520	416,640	144,480	544,320	31,290	0	77,280	105,840	**1,679,370**
Public Involvement & Participation Activities											
# Storm Drains Marked	0	249	151	250	0	116	0	143	10	126	**1,045**
# adopt-a-stream miles cleaned	2	17	1	57	7	24	0	9	3	11	**131**
Lbs. adopt-a-stream clean-up trash/debris collected	70	13,628	150	31,371	3,180	7,568	0	440	575	14,991	**71,973**
IDDE Activities											
# Service Requests responded to	0	93	2	166	31	115	3	0	24	38	**472**
# outfalls inspected while responding to service requests	0	9	0	70	1	0	0	0	6	9	**95**
# major outfalls inspected while responding to service requests	0	9	0	3	1	0	0	0	11	9	**33**
# dry weather flows sampled while responding to service requests	0	0	0	10	1	3	0	0	2	0	**16**
# educational Brochures/Pamphlets/Env. Notices distributed while responding to service requests	0	24	1	40	3	28	0	0	7	7	**110**

# of stream miles assessed	0	12	0	0	0	202	0	0	0	0	**214**
# outfalls inspected under stream walk program	0	77	0	0	0	1,088	0	0	0	0	**1,165**
# major outfalls inspected under stream walk program	0	8	0	0	0	75	0	0	0	0	**83**
# dry weather flows sampled under stream walk program	0	0	0	0	0	12	0	0	0	0	**12**
# outfalls inspected under IDEP program	0	14	0	71	1	1	0	0	6	15	**108**
# major outfalls inspected under IDEP program	0	5	0	1	1	0	0	0	3	3	**13**
# dry weather flows sampled under IDEP program	0	0	0	3	0	0	0	0	0	0	**3**
# pollution problems/issues discovered through under IDEP program	0	3	0	17	0	0	0	0	0	0	**20**
# of failing septic systems discovered	0	1	0	0	0	0	0	0	0	0	**1**
# of failing septic systems repaired	0	1	0	0	0	0	0	0	0	0	**1**
# of failing septic systems connected to municipal sewer	0	2	1	3	1	7	1	0	2	4	**21**
Construction Site Runoff Control Activities											
# Erosion Control Inspections	57	0	0	12	0	204	0	86	0	51	**646**
# NOVs Issued	0	0	0	0	0	3	0	1	0	0	**7**
Post-Construction Site Runoff Control Activities											
# BMP Inspections	25	193	120	412	203	442	22	34	127	227	**1,805**
# NOVs Issued	1	2	4	4	5	2	0	1	7	3	**29**
# Corrective Notice Issued	4	29	11	61	52	39	0	16	8	39	**259**
Pollution Prevention & Good Housekeeping Activities											
# municipal facilities inspected	0	14	8	0	2	2	0	0	0	7	**33**