



NPDES MS4 Permit Annual Report

October 1, 2025 – June 30, 2026

Permit No. NCS000245

Prepared under the direction of S. Wayne Miles, PE, Assistant Director/Stormwater Program Manager

raleighnc.gov



**Raleigh
Stormwater**



Table of Contents

Certification.....4

Introduction.....5

Section A: Program Implementation6

 A.1 MS4 Program Management6

 A.2 Program Funding.....6

 A.3 Best Management Practices8

Section B: Public Education and Outreach.....10

 B.1 Program Narrative10

 B.2 Best Management Practices11

 B.3 Program Assessment25

Section C: Public Involvement and Participation26

 C.1 Program Narrative26

 C.2 Best Management Practices26

 C.3 Program Assessment29

Section D: Illicit Discharge Detection and Elimination30

 D.1 Program Narrative.....30

 D.2 Best Management Practices30

 D.3 Program Assessment.....48

Section E: Construction Site Runoff Controls.....49

 E.1 Program Narrative49

 E.2 Best Management Practices.....49

 E.3 Program Assessment53

Section F: Post-Construction Site Runoff Controls54

 F.1 Program Narrative54

 F.2 Best Management Practices54

 F.3 Program Elements.....57

 F.4 Program Assessment.....60

Section G: Pollution Prevention and Good Housekeeping for Municipal Operations61

 G.1 Program Narrative.....61

 G.2 Best Management Practices61



G.3 Program Assessment69

Section H: Program to Monitor and Evaluate Stormwater Discharges to Municipal Systems
70

H.1 Program Narrative.....70

H.2 Best Management Practices70

H.3 Program Assessment72

Section I: Water Quality Assessment and Monitoring73

I.1 Program Narrative73

I.2 Best Management Practices73

I.3: Program Assessment74

Section J: Total Maximum Daily Loads75

J.1 Program Narrative75

J.2 Best Management Practices.....76

J.3 Program Assessment80

Section K: Annual Assessment and Annual Summary81

K.1 Assessment.....81

K.2 Program Improvements.....81

K.3 2025-2026 Program Initiatives.....82



Certification

I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

S. Wayne Miles, PE
Assistant Director/Stormwater Program Manager
City of Raleigh



Introduction

This report describes programs and activities undertaken during the period of October 1, 2025, through June 30, 2026, as required by the City of Raleigh's permit to discharge stormwater under National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit Number NCS000245. The annual reporting requirements are described in Part IV. B of the permit. These requirements are included in Table 1 with the associated annual report sections. Annual reporting provides a summary of the activities completed, as identified in the City's Stormwater Management Plan (SWMP), and the annual report content aligns with the content of the City SWMP.

Table 1. Annual Report Components

Annual Report Component	Report Section(s)
a. A detailed description of the status of implementation of the Stormwater Management Plan. This will include information on development and implementation of each major component of the Stormwater Management Plan for the past year and schedules and plans for the year following each report.	A.1, A.3, B.1, B.2, C.1, C.2, D.1, D.2, E.1, E.2, F.1 F.2, G.1, G.2, H.1, H.2, I.1, I.2, J.1, J.2, K.3
b. Description and justification of any proposed changes to the Stormwater Management Plan. This will include descriptions and supporting information for the proposed changes and how these changes will impact the Stormwater Management Plan (results, effectiveness, implementation schedule, etc.).	K.2
c. Any necessary changes to programs or practices for assessment of management measures implemented through the Stormwater Management Plan.	B.3, C.3, D.3, E.3, F.3, G.3, H.3, I.3, J.3, K.1
d. A summary of data accumulated as part of the Stormwater Management Plan throughout the year along with an assessment of what the data indicates.	A.3, B.2, B.3, C.2, C.3, D.2, D.3, E.2, E.3, F.2, F.3, G.2, G.3, H.2, H.3, I.2, I.3, J.2, J.3, K.2
e. An assessment of compliance with the permit, information on the establishment of appropriate legal authorities, inspections, and enforcement actions.	K.1, K.2, K.3
f. Discussion of program funding.	A.2



Section A: Program Implementation

The City of Raleigh implements, manages, and oversees all aspects of its SWMP to control to the maximum extent practical the discharge of pollutants associated with stormwater runoff from its MS4.

A.1 MS4 Program Management

The City of Raleigh is committed to maintaining compliance with its NPDES MS4 permit and protecting the City's stormwater quality through the implementation of a comprehensive stormwater management program. Stormwater Management Division staff regularly coordinate across internal work groups and City departments to effectively implement programmatic requirements and City-wide initiatives that are outlined in Raleigh's Stormwater Management Plan (SWMP). During this last year, the SWMP was reviewed, and no changes were required.

Currently, the total number of Full-Time Employees (FTEs) associated with MS4 permit program implementation for FY2027 is 149, with 83 FTEs within Raleigh Stormwater in the Raleigh Water Department, 62 FTEs within Stormwater Maintenance in the Raleigh Department of Transportation Field Services group, and 4 FTEs within Stormwater Green Stormwater Infrastructure (GSI) Maintenance in the Raleigh Department of Parks, Recreation and Cultural Resources. Implementation of each MS4 program component is outlined in Subsection 1 of Sections B through J.

A.2 Program Funding

Raleigh Stormwater receives capital and operating funds appropriated by the City Council that are dedicated to implementing and managing the provisions of the SWMP and complying with MS4 permit requirements. Program elements are primarily funded by the City stormwater utility fee. Additional sources of funding include plan review and permit application fees. The City general fund and revenue from the Raleigh Water utility fee also may be utilized for pollution prevention and good housekeeping activities by owning departments. Further fiscal analysis and investigation of funding options (such as a general fund allocation or a change to the stormwater fee) are conducted annually to maintain adequate funds to meet program needs.

The allocated budget for the City Stormwater Program in FY2025-2026 (fiscal year from July 1, 2025, through June 30, 2026) was sufficient to meet program needs and implement the requirements of the MS4 permit. The total Stormwater Management budget for FY2025-2026 was \$43,341,026 and Capital Improvement Program total expenditures for the City's Stormwater Program for FY2025-2026 were \$18,858,045 with an adopted Capital Improvement Program budget of \$31,353,000 (see Table A-1).

The City increased the stormwater utility fee by 3% for FY2026-2027 (fiscal year from July 1, 2026, through June 30, 2027) based on the determined need for ongoing operational and CIP expenditures. The total budget for the City's Stormwater Program for FY2026-2027 is \$46,633,925. The budget funds annual operations and the Capital Improvement Program. The adopted Capital Improvement Program budget for the City's Stormwater Program for FY2026-2027 is \$24,945,000.



Table A-1: FY2026 Stormwater Program Capital Improvement Program Budget

Stormwater Program Category	FY2025-2026 CIP Budget
Drainage Assistance	\$1,000,000
Major Drainage Infrastructure	\$22,980,000
Asset and Watershed	\$4,053,000
Water Quality/Stream Restoration/GSI Projects	\$1,620,000
Flood Hazard Mitigation and Flood Early Warning	\$900,000
City Stormwater Control Measures (SCMs) and Dams Program	\$800,000
Total	\$31,353,000



A.3 Best Management Practices

Table A-2 includes a brief description of the Program Implementation best management practices required by the MS4 permit, the planned actions for the current and future fiscal years as described in the SWMP, the annual reporting metrics identified in the SWMP, and the actual metrics for actions completed during this reporting year.

Table A-2: Program Implementation Metrics and Results

Program Element	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section A The program will be subject to a compliance audit or a voluntary assessment process on an annual basis	Complete annual review with DEQ or conduct a voluntary assessment.	Complete annual review with DEQ or conduct a voluntary assessment.	Report type of assessment completed	Voluntary self-audit completed May 2026; see Section K
Part II Section A.1 The permittee will maintain adequate legal mechanism, such as regulations, ordinances, policies, and procedures to implement all provisions of the SWMP.	Review regulations, ordinances, policies, and procedures and update, if necessary.	Review or evaluate regulations, ordinances, policies, and procedures annually and update, as needed.	Report modifications to the regulations, ordinances, policies, and procedures	No changes were made during this reporting year.



Program Element	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section A.2 The permittee will implement provisions of the SWMP and evaluate performance and effectiveness of the program components.	Evaluate program effectiveness with responsible parties, as described in each section and summarized in Section 13 of the SWMP.	Evaluate program effectiveness annually with responsible parties annually, as described in each section and summarized in Section 13 of the SWMP.	Program evaluation completed (Y/N)	Yes
			Annual reporting of program effectiveness is described in each annual report section	Sections B-3, C-3, D-3, E-3, F-3, G-3, H-3, I-3, & J-3.
Part II Section A.3 The permittee is required to keep the SWMP up to date with annual updates if any changes are warranted.	Review the SWMP at least once annually and update, as needed.	Review the SWMP at least once annually and update, as needed.	Report modifications to the SWMP and make available to DEQ upon request	The SWMP was reviewed in April 2026, and no revisions were necessary.



Program Element	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section A.4 The permittee shall maintain, and make available to the Division upon request, written procedures for implementing the six minimum control measures. Written procedures shall identify specific action steps, schedules, resources, and responsibilities for implementing the six minimum measures.	Maintain written procedures as documented in Sections 4 through 12 of the SWMP.	Maintain written procedures as documented in Sections 4 through 12 of the SWMP.	Written procedures are available to DEQ upon request	N/A, written procedures are available to NCDEQ upon request.

Section B: Public Education and Outreach

B.1 Program Narrative

The City uses various methods and media to educate the public on the causes and impacts of stormwater pollution, including utility bill inserts, newsletters, webpages, articles, social media, workshop presentations, and classroom education events. In addition, the City participates in the Clean Water Education Partnership (CWEP) which develops and distributes videos, online resources, and printed materials to and on behalf of its membership in support of permit requirements. CWEP also implements multi-media campaigns that include television public service announcements, radio public service announcements, and a stormwater informational website (www.nc-cleanwater.org). The CWEP annual report for this reporting period has been submitted directly to DEQ by the Central Pines Regional Council on behalf of the City. Language clarifying CWEP's role in supporting the City's permit compliance has been incorporated into the memorandum of understanding between the City and Central Pines Regional Council.



B.2 Best Management Practices

Table B-1 includes a brief description of the Public Education and Outreach best management practices required by the MS4 permit, the planned actions for the current and future fiscal years as described in the SWMP, the annual reporting metrics identified in the SWMP, and the actual metrics for actions completed during this reporting year.

Table B-1: Public Education and Outreach Program Metrics and Results

Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section B.2 (a) Describe target pollutants and sources	Review annually the target pollutants and sources in the Education, Outreach, and Public Involvement Plan and update, as needed.	Review annually the target pollutants and sources in the Education, Outreach, and Public Involvement Plan and update, as needed.	Report target pollutants and the associated sources	See Table B-2
	Implement the public education and outreach program utilizing the Education, Outreach, and Public Involvement Plan and the Communications Plan.	Implement the public education and outreach program utilizing the Education, Outreach, and Public Involvement and the Communications Plan.	Report reason each target pollutant was selected	See Table B-2
	Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.	Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.		
Part II Section B.2 (b) Describe target audiences	Review and update target audiences associated with each pollutant and source in the Public Education and Engagement Plan.	Review annually the target audiences associated with each pollutant and source in the Education, Outreach, and Public Involvement Plan.	Report identified target audiences likely to have significant stormwater impacts for each target pollutant.	See Table B-2



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
	<p>Implement the public education and outreach program utilizing the Public Education and Engagement Plan and the Communications Plan.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.</p>	<p>and Public Involvement Plan and update, as needed.</p> <p>Implement the public education and outreach program utilizing the Education, Outreach, and Public Involvement Plan and the Communications Plan.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.</p>	<p>Report reason each target audience was selected</p>	<p>See Table B-2</p>
Part II Section B.2 (c) Informational website	<p>Maintain and update the stormwater program webpage.</p> <p>Evaluate program effectiveness and notify the Water Quality Manager of program modifications.</p>	<p>Maintain and update the stormwater program webpage.</p> <p>Evaluate program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Report number of hits to Stormwater Management main site and SWMP webpage</p>	<p>126,157 page views and 108,356 visits to all Stormwater Management webpages; 316 page views and 283 visits to the SWMP webpage</p>



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section B.2 (d) Distribute public education materials to identified user groups	Distribute public education materials, as described in the Education, Outreach, and Public Involvement Plan. Participate in CWEP activities and events. Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.	Distribute public education materials, as described in the Education, Outreach, and Public Involvement Plan. Participate in CWEP activities and events. Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.	Report number of educational materials distributed by type Provide CWEP annual report	See Table B-3 Refer to CWEP annual report: https://nc-cleanwater.com/annual-reports/
Part II Section B.2 (e) Promote and maintain hotline(s) or helpline(s)	Maintain the stormwater administration helpline to receive public complaints. Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.	Maintain the stormwater administration helpline to share information and receive public complaints. Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.	Report number of calls handled by the stormwater administration helpline by type of call	Total calls: Drainage: 43 Utility fee: 37 Plan review: 137 Volunteer: 6 Illicit discharge: 19 Active construction: 15 Capital projects: 3 Utility billing: 4



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section B.2 (f) Implement a public education and outreach program	Review annually the Education, Outreach, and Public Involvement Plan and update, as needed.	Review annually the Education, Outreach, and Public Involvement Plan and update, as needed.	Report City events and number of handouts distributed at each event	See Table B-3
	Review annually the Communications Plan and update, as needed.	Review annually the Communications Plan and update, as needed.	Report City in-school events and number of participants	See Table B-4
	Implement the public education and outreach program utilizing the Education, Outreach, and Public Involvement Plan and the Communications Plan.	Implement the public education and outreach program utilizing the Education, Outreach, and Public Involvement Plan and the Communications Plan.		
	Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.	Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications		



Table B-2: Target pollutants, associated sources, target audiences, and justifications

Target Pollutant	Target Pollutant Justification	Pollutant Sources	Target Audiences	Target Audiences Justification
Sediment	Increases MS4 maintenance, degrades stream and lake biological abundance and diversity, reduces lake depth and storage volume, aesthetically unattractive	Illicit discharges, construction sites, streambank erosion (resulting from increasing imperviousness in the watershed)	Construction contractors, developers, municipal government, property owners/residents, general public	Audiences conduct, oversee, regulate, engage in, and/or observe activities at pollutant sources
Nutrients (nitrogen and phosphorus)	Promotes growth of algae in lakes and streams which can degrade biological abundance and diversity, toxic to aquatic species and humans, impedes recreation, aesthetically unattractive	Illicit discharges, sewage overflows and leaks, clippings and waste from landscape maintenance/lawn care, pet/animal waste, application and improper storage of fertilizers, sediment adsorption, atmospheric deposition	Landscape maintenance/lawn care companies, property owners/residents, municipal government, general public	Audiences store and apply fertilizer, own, or maintain sewer plumbing/pipes, engage in, and/or observe activities at pollutant sources
Trash	Increases MS4 maintenance, aesthetically unattractive	Illicit discharges, construction sites, litter, dumping, restaurants, food trucks	Construction contractors, municipal government, property owners/residents, restaurant and food truck owners/operators, general public	Audiences generate and store trash or engage in and/or observe activities at pollutant sources
Metals	Degrades stream and lake biological abundance and diversity	Illicit discharges; vehicle storage and maintenance; construction sites; paints and finishes, material, and chemical storage	Construction contractors, painting contractors, property owners/ residents, municipal government, vehicle repair shops	Audiences engage in activities that store/handle materials and generate wastes that contain metals and/or observe activities at pollutant sources
Bacteria	Harms public and pet health	Illicit discharges, sewage overflows and leaks, failing septic systems	Property owners/residents, municipal government, general public	Property owners/residents responsible for septic systems and private sewer plumbing and connections, municipal government responsible for most sanitary sewers, general public observes activities at pollutant sources



Target Pollutant	Target Pollutant Justification	Pollutant Sources	Target Audiences	Target Audiences Justification
Oil & grease	Degrades stream and lake biological abundance and diversity	Illicit discharges, vehicle storage and maintenance, restaurants, food trucks	Vehicle repair shops, restaurant and food truck owners/operators, municipal government, general public	Audiences conduct, oversee, engage in, and/or observe activities at pollutant sources

Table B-3: Public Education and Outreach Program event and material distribution log

Date	Description of Event/Activity	Attendees	Types of Educational Materials
10/1/2025	Walnut Creek Wetland Bioblitz	88	Volunteer Information, Green Stormwater Infrastructure
10/01/2025	Neighborhood Ecology Corps Presentation	12	Volunteer Information, Flood Plains, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure
10/04/2025	Mugs and Markers! Storm Drain Marking Pop Up	23	Volunteer Information, Pollutant Information, Stormwater Infrastructure
10/04/2025	Volunteer Stream Monitoring Workshop	13	Volunteer Information, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure
10/07/2025	Stormwater Smart Newsletter – Fall 2025	4,900	Volunteer Information, Flood Risk, Pollutant Information
10/09/2025	Development Stakeholders Quarterly Meeting	100	Green Stormwater Infrastructure, Stormwater Infrastructure, Planning and Design
10/11/2025	NC Museum of Art Stream Celebration	31	R3 Brochures, Volunteer Information, Stream Stabilization, Drainage Assistance, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure, Planning and Design
10/21/2025	Worthdale Fall Festival and Community Meeting	46	R3 Brochures, Volunteer Information, Flood Plains, Rain Barrels, Drainage Assistance, Pollutant Information, Green Stormwater Infrastructure, Planning and Design



Date	Description of Event/Activity	Attendees	Types of Educational Materials
10/29/2025	Citywide Jobs Fair	597	R3 Brochures, Volunteer Information, Stream Stabilization, CWEP, Rain Barrels, Drainage Assistance, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure, Planning and Design
10/22/2025	Raleigh Digital Connectors: Technology in Stormwater	18	Volunteer Information, Flood Plains, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure, Planning and Design
10/30/2025	Trunk or Treat at Lions Park	170	R3 Brochures, Volunteer Information, CWEP, Rain Barrels, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure
11/6/2025	Permit Pathways: Let's Talk Subdivisions	47	Flood Plains, Stormwater Infrastructure, Planning and Design
11/15/2025	Fall Stream Cleanup	20	Volunteer Information, Pollutant Information
11/19/2025	Community Outreach and Stormwater Lunch and Learn	12	R3 Brochures, Volunteer Information, Capture It, CWEP, Rain Barrels, Drainage Assistance, Pollutant Information, Green Stormwater Infrastructure, Planning and Design
11/20/2025	Whispering Branch Public Meeting	13	Drainage Assistance, Stormwater Infrastructure
2/5/2026	Overview of the City's Sediment and Erosion Control Regulations	20	Stream Stabilization, Flood Plains, Pollutant Information, Stormwater Infrastructure, Planning and Design
2/12/2026	Vehicle Fleet Ride and Drive Event	50	R3 Brochures, Volunteer Information, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure
2/25/2026	Camp Pond Dam Public Meeting	20	R3 Brochures, Flood Plains, Stormwater Infrastructure, Planning and Design
2/26/2026	Rocky Branch Watershed Public Meeting	20	R3 Brochures, Volunteer Information, Stream Stabilization, Flood Plains, Flood Risk, Flood Insurance, CWEP, Rain Barrels, Drainage Assistance, Pollutant Information, Green



Date	Description of Event/Activity	Attendees	Types of Educational Materials
			Stormwater Infrastructure, Stormwater Infrastructure, Planning and Design
2/27/2026	Stream Bank Repair Workshop	31	Volunteer Information, Stream Stabilization, Flood Plains, Green Stormwater Infrastructure, Stormwater Infrastructure
2/28/2026	Invasive Species Awareness Day	20	R3 Brochures, Volunteer Information, Green Stormwater Infrastructure
3/5/2026	Environmental Awards SMAC Presentation	15	Capture It
3/7/2026	Marbles Future Me Fair	500	R3 Brochures, Volunteer Information, CWEP, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure
3/12/2026	Capture It Presentation to the Environmental Advisory Board	20	Capture It
3/14/2026	Storm Drain Marking – Mugs and Markers	30	Volunteer Information, Pollutant Information, Stormwater Infrastructure
3/14/2026	Rain Garden and Rain Barrel Workshop	5	R3 Brochures, Volunteer Information, CWEP, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure
3/18/2026	Little Rock Creek Walk	3	Volunteer Information, Stream Stabilization, Flood Plains, Drainage Assistance, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure
3/18/2026	Brookside Drive Creek Week	10	R3 Brochures, Volunteer Information, Pollutant Information, Green Stormwater Infrastructure
3/20/2026	Greenway Cleanup and Invasives Removal at Milburnie Park	20	Volunteer Information
3/21/2026	Creek Week Stewardship Day	46	Volunteer Information, Stream Stabilization, Green Stormwater Infrastructure, Stormwater Infrastructure
3/21/2026	Trash Trap Naming Contest	198	Stormwater Infrastructure, Pollutant Information
4/9/2026	Growing More than Rain Gardens SMAC Presentation	30	R3 Brochures, Green Stormwater Infrastructure



Date	Description of Event/Activity	Attendees	Types of Educational Materials
4/11/2026	Triangle Land Conservancy – Wild Ideas	400	R3 Brochures, Volunteer Information, Capture It, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure
4/14/2026	East Lane Public Meeting 2	20	Flood Risk, Drainage Assistance, Stormwater Infrastructure
4/18/2026	Lake Johnson Dam Tour and Discussion – Lake Level Management	25	Flood Risk, Stormwater Infrastructure, Planning and Design
4/21/2026	GSI Maintenance in Parks with Houston and Raleigh (webinar)	68	Green Stormwater Infrastructure
4/23/2026	Marsh Creek Watershed Study Public Meeting	40	R3 Brochures, Volunteer Information, Stream Stabilization, Flood Plains, Flood Risk, Flood Insurance, CWEP, Rain Barrels, Drainage Assistance, Pollutant Information, Green Stormwater Infrastructure, Planning and Design
4/24/2026	Earth Day at Dorothea Dix Park	500	R3 Brochures, Volunteer Information, Stream Stabilization, Capture It, Flood Plains, Flood Risk, Flood Insurance, CWEP, Rain Barrels, Drainage Assistance, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure, Planning and Design
4/29/2026	Braceridge Drainage Improvements Public Meeting #1	40	R3 Brochures, Volunteer Information, Flood Risk, Drainage Assistance, Stormwater Infrastructure
5/1/2026	Raleigh Transportations' Bike Bonanza	20	Volunteer Information, Pollutant Information
5/2/2026	Volunteer Stream Monitoring Training Workshop	16	Volunteer Information, Pollutant Information
5/5/2026	Green Infrastructure Leadership Exchange Annual Meeting	175	R3 Brochures, Volunteer Information, Flood Plains, Drainage Assistance, Pollutant Information, Green Stormwater Infrastructure, Stormwater Infrastructure, Planning and Design
5/16/2026	Wake County Smart Start Block Party	30	Volunteer Information, Pollutant Information
5/20/2026	Raleigh Small Business Bootcamp	20	Stormwater Infrastructure, Planning and Design



Date	Description of Event/Activity	Attendees	Types of Educational Materials
5/31/2026	2026 Southeast Regional Conference – American Society of Landscape Architects	50	R3 Brochures, Volunteer Information, Green Stormwater Infrastructure, Stormwater Infrastructure, Planning and Design
6/12/2026	Raleigh Small Business Expo	75	R3 Brochures, Volunteer Information, Stream Stabilization, Flood Risk, Flood Insurance, Rain Barrels, Drainage Assistance, Pollutant Information, Stormwater Infrastructure



Table B-4: Public Education and Outreach school events

Date	# Students Attended	Event Location	Event Description	Virtual/In-person
10/13/2025	12	South Garner High School Rain Garden Apprenticeship	S. Garner students and educators participated in a multi-week course introducing GSI, completed a rain garden installation, and participated in macro-invertebrate sampling and identification.	In-person
10/21/2025	18	Poe Elementary School	Stormwater Maintenance demonstrated use of their robotic devices for kindergarten students.	In-person
10/23/2025	74	Ravenscroft Elementary School	2 nd Grade students participated in water cycle and watershed activities in connection with their weather unit.	In-person
10/23/2025	10	NC State University	Stormwater staff presented on hydrology and stormwater programs to students	In-person
10/24/2025	17	NC State University Students at Walnut Creek Wetland Park	Stormwater, Sustainability, and Parks staff led a tour of the site GSI and trash trap – these sites were connected with local water quality topics.	In-person
10/31/2025	350	Dillard Drive Middle School	Shared a watershed model alongside the GSI maintenance team	In-person
11/5/2025	84	Joyner Elementary School Science Go-Round	Presented a watershed demo and a Project Wet activity, Sum of the parts	In-person
11/8/2025	28	Sanderson High School Rain Garden Apprenticeship	Students completed GSI installation and maintenance course	In-person
12/2/2025	64	Wakefield Middle School Visit 1	Supplemented the hydrology unit with a watershed model and Project Wet activity	In-person



Date	# Students Attended	Event Location	Event Description	Virtual/In-person
12/5/2025	120	Wakefield Middle School Visit 2	Supplemented the hydrology unit with a watershed model and Project Wet activity	In-person
12/15/2025 - 12/18/2025	288	East Millbrook Middle School Visits 1 - 4	Visited East Millbrook 4 days in a row to supplement their hydrology unit with a watershed model and Project Wet Activity	In-person
1/5/2026	112	Wakefield Middle School Visit 3	Discussed stormwater concepts related to water quality, flood resilience, and erosion prevention	In-person
1/8/2026	24	Leesville High School	Connected students with Stormwater programs related to water quality, flood resilience, and erosion prevention	In-person
1/15/2026	125	Lacy Elementary School	Partnered with Roadways Design and Construction to talk about impervious surfaces and stormwater runoff	In-person
1/30/2026	71	The Franciscan School	Presented to 5 th grade classes about water quality, GSI, and soil infiltration	In-person
2/12/2026	20	NCSU ETM Meet and Greet	Shared Stormwater resources to NCSU students	In-person
2/22/2026	115	Capture It – Art and Video Contest	Students submitted artwork and videos related to local water quality	Virtual
3/4/2026	130	Athens Drive High School	Demonstrated how stormwater engineering practices are applicable to students	In-person
3/19/2026	150	Millbrook Environmental Connections Academy	Demonstrated bioretention soil filtration at the STEM fair.	In-person
3/23/2026	75	Athens Drive Magnet High School	Presented on water quality Programs to the STEM Academy	In-person



Date	# Students Attended	Event Location	Event Description	Virtual/In-person
3/27/2026	350	Dillard Drive Middle School	Provided presentations to all three grade levels on the connections between engineering and water quality.	In-person
4/8/2026	73	NC State University	Tabled alongside community partners to promote water quality programs and answer student questions.	In-person
4/15/2026	60	Central Wake High School at Transportation and Field Services	Students visited several City facilities to learn about different departments and their daily work. Transportation Stormwater Maintenance set up equipment and demonstrations to showcase how the City maintains its stormwater infrastructure.	In-person
4/20/2026	31	Homeschool KIDS Program at Walnut Creek Wetland Park	Took students in grades K-8 on a tour of GSI at Walnut Creek	In-person
4/20/2026	12	South Garner High School Rain Garden Apprenticeship Program	Students completed a 6-week GSI program, culminating in installing an R3 project and working with the GSI maintenance crew at Walnut Creek Wetland Park.	In-person
4/22/2026	18	Millbrook Environmental Connections Magnet Academy	Demonstrated how wetland soils help absorb stormwater runoff.	In-person
4/24/2026	83	The Franciscan School	Guided students on a tour of their campus wetland, connecting their school GSI to local water quality issues.	In-person
4/30/2026	15	Millbrook High School – Water Quality Career Chat	Discussed role as a water quality specialist to advanced rain garden apprenticeship students	In-person



Date	# Students Attended	Event Location	Event Description	Virtual/In-person
5/1/2026	37	Millbrook High School Rain Garden Apprenticeship	Students worked with GSI maintenance team to update the Baileywick Bioretention and install an R3 project	In-person
5/2/2026	39	Southeast Raleigh High School Rain Garden Apprenticeship	Students designed and laid out a rain garden at local churches. They also presented on the importance of GSI to the public.	In-person
5/14/2026	950	Dillard Drive Middle School	Tabled at the annual Dillard Drive Career Fair to present on the trash trap program, volunteer opportunities, and answer student questions	In-person
5/14/2026	25	Capture It Art Gallery at Pullen Arts Center	Partnered with Trashion organizers to present student artwork about water quality and sustainability.	In-person
6/11/2026	21	Southeast Raleigh High School Basic Rain Garden Apprenticeship – Summer Session 1	Students participated in the USS Basic Rain Garden Course and participated in GSI tours and Rain Garden sizing activities at Gipson Play Plaza	In-person
6/15/2026	150	Wake County Green Schools Partnership- WCPSS Teachers at NC State University	Provided educational resources to Wake County educators related to watersheds, water quality, and stormwater runoff.	In-person
6/17/2026	30	Southeast Raleigh High School Advanced Rain Garden Apprenticeship – Summer Session 2	Students participated in macro-invertebrate sampling, slope and rain garden sizing calculations, and a GSI tour	In-person
6/19/2026	25	Rain Garden Apprenticeship Teacher Training	Trained teachers on rainwater harvesting, rain garden installation, and prepped for the upcoming fall cohorts	In-person



Date	# Students Attended	Event Location	Event Description	Virtual/In-person
6/25/2026	24	Southeast Raleigh High School Basic Cistern Apprenticeship – Summer Session 3	Students learned about how cisterns impact local water quality, learned how to install and maintain cisterns, and participated in macro-invertebrate sampling.	In-person
6/25/2026	10	East Carolina University Students at Lake Johnson Park – Coastal Hazards, Economic Prosperity and Resilience Hub Disaster Research Center	Presented on the Flood Early Warning System, how Stormwater manages water quality concerns, and the importance of community engagement and input in stormwater and water resources management.	In-person

B.3 Program Assessment

Raleigh Stormwater staff continued to provide public education and outreach through school programs, tabling events, workshops, and virtual resources. During the reporting period, staff conducted 86 outreach events and reached 3,920 students through 40 school-based initiatives, including visits to 19 schools. School visits increased from 25 to 40 compared to the previous year, largely due to the Rain Garden Apprenticeship program and increased coordination with WCPSS and school partners. The overall number of events decreased from 116 to 86 due primarily to the shortened reporting period, while attendance at recurring annual events remained similar. The increase in school engagement demonstrates that school-based programming, particularly the Rain Garden Apprenticeship program, continues to be an effective strategy for reaching students, teachers, and school administrators.

Staff evaluate outreach activities using a GIS-based survey form that tracks participation, target audiences, pollutants, and sources. The Community Engagement Analyst reviews this information annually to identify gaps and inform future outreach priorities. Coordination with the IDDE and Pollution Prevention and Good Housekeeping (PPGH) teams also occurs monthly to align education efforts with current program needs and pollutant concerns. During the reporting period, all target audiences, pollutants, and sources identified in the Education Plan were addressed through City programming and Clean Water Education Partnership activities.

The Education and Outreach Plan was reviewed and updated on April 16, 2026. Results from annual program reviews and coordination with other MCMs will continue to inform future target audiences, pollutants, outreach strategies, and educational materials. Staff also continue to enhance their capacity through professional training, including Project WET facilitator and instructor certification, which expands the watershed education resources that can be shared with students, teachers, and City staff.



Section C: Public Involvement and Participation

C.1 Program Narrative

The City provides opportunities for public involvement and participation in program development and implementation through community volunteer programs and mechanisms for public reporting and comment. The City's SWMP is noticed and presented at a public hearing for public comment at least once per permit cycle. Changes to City stormwater regulations and the annual budget for the Stormwater Management Division are also noticed and presented at public hearings for public comment on an as-needed basis. As a means of obtaining ongoing public input on policy and project matters, City Council established the Stormwater Management Advisory Commission (SMAC), which generally meets monthly to review stormwater management issues and provide guidance and recommendations to City Council. Comments from the public also are received during commission meetings.

C.2 Best Management Practices

Table C-1 includes a brief description of the Public Involvement and Participation best management practices required by the MS4 permit, the planned actions for the current and future fiscal years as described in the SWMP, the annual reporting metrics identified in the SWMP, and the actual metrics for actions completed during this reporting year.

Table C-1: Public Involvement and Participation Metrics and Results

Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026Results
Part II Section C.2 (a) Volunteer community involvement program	Continue to provide community volunteer opportunities. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Continue to provide community volunteer opportunities. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Report number of participants in each City volunteer opportunity	Adopt a Stream: 1010 Storm drain marking: 15 Stream monitoring: 33 Foster a Stream: 310



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026Results
Part II Section C.2 (b) Establish a mechanism for public involvement	<p>Conduct meeting(s) with the SMAC.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Conduct meeting(s) with the SMAC.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	Report dates for SMAC meetings and discussion topics pertaining to MS4 compliance	<p>10.2.2025 – SMAC Workplan Development</p> <p>11.6.2025 – SMAC Bylaws Development</p> <p>12.4.2025 – Asset Management for City GSI and SCMs</p> <p>1.8.2026 – Overview of Stormwater Requirements for Development and Redevelopment</p> <p>2.5.2026– Active Construction - Erosion and Sediment Control Requirements; FY27 Budget</p> <p>3.5.2026 – FY27 Budget; Outreach Arts Contest</p> <p>4.9.2026 – Education & Outreach Project Discussion</p> <p>5.7.2026 – Stormwater Maintenance Program and Equipment Discussion and Tour</p> <p>6.4.2026 –SMAC Workplan Development</p>



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026Results
Part II Section C.2 (c) Establish hotline(s) or helpline(s)	Maintain the stormwater administration helpline to receive public complaints. Evaluate the program effectiveness annually and notify the Water Quality Manager of plan program modifications.	Maintain the stormwater administration helpline to receive public complaints. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	N/A, see helpline reporting metrics in Part II Section B.2 (e)	N/A
Part II Section C.2 (d) Public review and comment	Maintain the webpage for the most recent version of the SWMP. Publicize a comment period for updates to the SWMP. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Maintain the webpage for the most recent version of the SWMP. Publicize a comment period for updates to the SWMP. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Report webpage link for SWMP	https://raleighnc.gov/stormwater/services/spot-report-and-stop-water-pollution/stormwater-management-plan
			Report mechanisms used for public review and comment on the SWMP	The City uses the SWMP website with the Stormwater staff contact information, the City's Stormwater helpline phone number, and email address to provide citizens with a mechanism to comment on the SWMP between updates.
Part II Section C.2 (e) Public notice	Place legal public notice to advertise public review and comment opportunities when implementing a public	Place legal public notice to advertise public review and comment opportunities when implementing a public	If public notice occurred for SWMP updates, report mechanism(s) used to advertise public review and comment and public notice period.	N/A



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026Results
	involvement/participation program, as needed. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	involvement/participation program, as needed. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Report number of SMAC meetings that provided an opportunity for public involvement/participation	9

C.3 Program Assessment

All permit requirements for Public Involvement and Participation are being met with well-advertised opportunities offered multiple times per year. While participation in events may vary due to influences outside of City staff control, community members continue to be involved in stewardship and engagement opportunities.

During the abbreviated reporting period, participation increased in the Volunteer Stream Monitoring and Foster a Stream programs, while participation in the Adopt a Stream and Storm Drain Marking programs decreased slightly. The decreases are largely attributable to the shortened reporting period, which excluded September, a key month when many groups typically schedule volunteer events. Despite the shorter reporting period, the Adopt a Stream program added 17 new groups, and Foster a Stream participation increased by 53%. Staff also increased City-led Foster a Stream cleanups during Creek Week from one to two events, while partner organizations hosted an additional 21 Foster a Stream events.

The Storm Drain Marking Program experienced decreases in both participation and the number of drains marked, with 15 groups or individuals marking 338 drains, most likely due to the abbreviated reporting period. Staff also hosted a storm drain marking pop-up during the City's Creek Week celebration. Volunteer Stream Monitoring participation increased while maintaining the same level of staff-led programming, with two training workshops held during the reporting period. This program requires volunteers to complete training and commit to collecting monthly samples for one year, demonstrating sustained volunteer engagement beyond individual outreach events.

The Stormwater Management Advisory Commission (SMAC) met nine times this year, due to the abbreviated reporting period, with public comment on local stormwater issues provided by commission members and the community. SMAC, whose workplan includes focus on NPDES MS4 program areas, will continue to regularly convene throughout the next year and serve as an effective vehicle for public input.



Section D: Illicit Discharge Detection and Elimination

D.1 Program Narrative

The City's illicit discharge program has operated continuously since 1995. This program is based on a [City ordinance](#) that defines what constitutes an illicit discharge and an illicit connection and provides enforcement protocols. The ordinance provides the legal authority to implement the Illicit Discharge Detection and Elimination (IDDE) program.

Illicit discharges and illicit connections are identified through reports from the public and from City staff across all departments, dry weather screening observations, and outfall inspections. A team of four staff fulfill IDDE program responsibilities, including but not limited to dry weather screening, outfall inspections, potential illicit discharge investigations, and associated documentation of inspections, enforcement, and remediation actions. Preventive measures include education of City staff via trainings and internal communications, as well as the public via methods such as direct mailings to businesses and targeted audiences that have a history of illicit discharges. Outreach efforts also include regular updates to website content, social media, utility billing and newsletter inserts, and distribution of illicit discharge prevention information in coordination with Wake County and professional associations.

D.2 Best Management Practices

Table D-1 includes a brief description of the IDDE best management practices required by the MS4 permit, the planned actions for the current and future fiscal years as described in the SWMP, the annual reporting metrics identified in the SWMP, and the actual metrics for actions completed during this reporting year.

Table D-1: IDDE Metrics and Results

Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section D.2 (a) Maintain appropriate legal authorities	Maintain and enforce public ordinances. Update, if necessary, to maintain legal authority. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Maintain and enforce public ordinances. Update, if necessary, to maintain legal authority. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	N/A, see Part II Section A.1 for reporting of legal authority updates	N/A



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section D.2 (b) Maintain a storm sewer system base map of major MS4 outfalls	Maintain the storm sewer system base map in GIS and update annually as new inventory is added.	Maintain the storm sewer system base map in GIS and update annually as new inventory is added.	Report number of major outfalls	Total: 865
	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Provide overview map of receiving streams and major outfalls	See Figure D-1 below
Part II Section D.2 (c) Inspection/detection program to detect dry weather flows at MS4 outfalls	<p>Review annually the IDDE Plan and update, as needed.</p> <p>Implement the IDDE Plan.</p> <p>Report any discharge that constitutes an imminent threat to health or the environment by phone or email to the DEQ Regional Office (during business hours) or NC Division of Emergency Management State Operation Center hotline (outside of business hours) within 24 hours. Raleigh Water is responsible for reporting of sanitary sewer overflows.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.</p>	<p>Review annually the IDDE Plan and update, as needed.</p> <p>Implement the IDDE Plan.</p> <p>Report any discharge that constitutes an imminent threat to health or the environment by phone or email to the DEQ Regional Office (during business hours) or NC Division of Emergency Management State Operation Center hotline (outside of business hours) within 24 hours. Raleigh Water is responsible for reporting of sanitary sewer overflows.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.</p>	<p>Report number of dry weather inspections completed and results</p> <p>Report number of discharges reported to the DEQ Regional Office or NC Division of Emergency Management due to an imminent threat to health or the environment</p>	<p>123 dry weather flow outfall inspections were completed; results in Table D-2.</p> <p>29 illicit discharges were reported to the DEQ Regional Office due to an imminent threat to health or the environment</p>



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section D.2 (d) Employee training	<p>Review annually the Education, Outreach, and Public Involvement Plan, and update, as needed.</p> <p>Conduct employee training and document attendance.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.</p>	<p>Review annually the Education, Outreach, and Public Involvement Plan and update, as needed.</p> <p>Conduct employee training and document attendance.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of plan and/or program modifications.</p>	<p>Report types of IDDE training provided and number of staff in attendance</p>	<p>706 City staff completed the IDDE training module through the City's SuccessFactors platform.</p>
Part II Section D.2 (e) Maintain a public reporting mechanism(s)	<p>Maintain the stormwater administration helpline to receive public reports.</p> <p>Maintain the illicit discharge reporting email address (IllegalDischarge@raleighnc.gov).</p> <p>Coordinate with appropriate City staff so illicit discharge complaints received through the SeeClickFix app are routed to Raleigh Stormwater.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Maintain the stormwater administration helpline to receive public reports.</p> <p>Maintain the illicit discharge reporting email address (IllegalDischarge@raleighnc.gov).</p> <p>Coordinate with appropriate City staff so illicit discharge complaints received through the SeeClickFix app are routed to Raleigh Stormwater.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Report total number of illicit discharge complaints received</p> <p>See helpline reporting metrics in Table 5, Part II Section B.2 (e) of SWMP</p>	<p>City staff responded to 129 calls for potential illicit discharges; 19 calls were received through the City's Stormwater helpline</p>



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section D.2 (f) Documentation	Maintain IDDE inspection records, notices of violations and compliance, and other program records. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Maintain IDDE inspection records, notices of violations and compliance, and other program records. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Report dates of investigations, any enforcement action(s), and remediation that occurred	See Table D-2 below



Figure D-1: Receiving waters and major outfalls

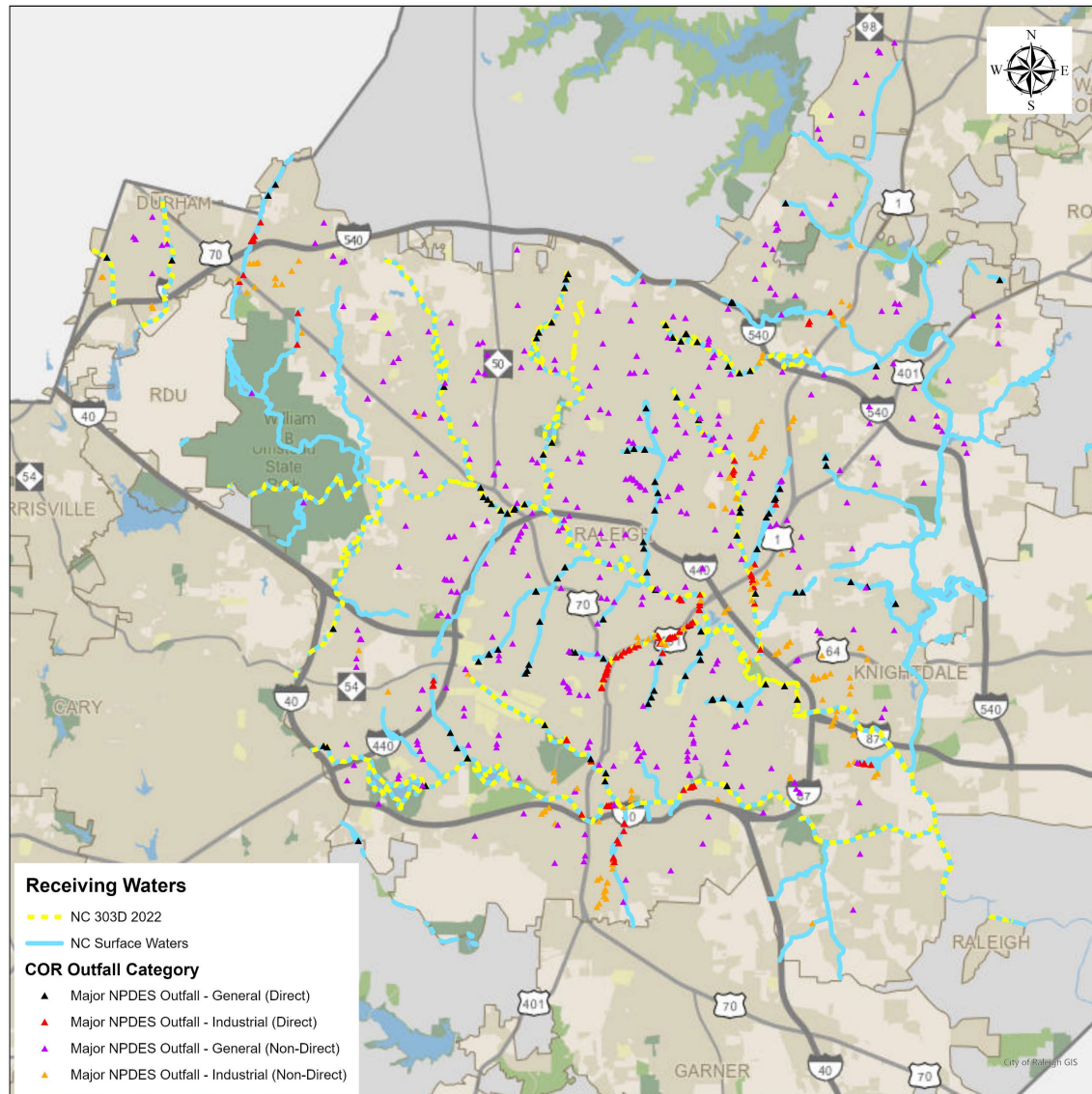




Table D-2: IDDE investigations and actions taken October 1, 2025 – June 30, 2026

Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
2016 Cameron St, Raleigh, NC, 27605	10/1/2025	10/1/2025	EPS debris found in curb/stormwater system	Notice of Violation	Vacuum and removal
1514 Delmont Dr, Raleigh, NC, 27606	10/3/2025	10/3/2025	Concrete washout discharged into storm drain	Notice of Violation	Vacuum and removal
7308 Pilgrim Rd, Raleigh, NC, 27616	10/3/2025	10/3/2025	Possible sewage infiltrating into the stormwater system	Investigated and found not to be a water quality concern; no further action taken	None Required
2204 Quail View Trl, Raleigh, NC, 27604	10/7/2025	10/7/2025	Private SSO	Warning Letter	None Required
6306 Belle Crest Dr, Raleigh, NC, 27612	10/7/2025	10/7/2025	A bag of bio-hazardous waste ruptured in street	Referred to proper authority	Sweeping and removal
Oxford Rd & White Oak Rd, Raleigh, NC, 27608	10/14/2025	10/14/2025	Water main break causing sediment to be discharged into nearby creek	Investigated and found not to be a water quality concern; no further action taken	None Required
3011 Stone Grove Rd, Raleigh, NC, 27603	10/14/2025	10/14/2025	SSO ~7500 gallons discharged with ~7500 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
1408 Granada Dr, Raleigh, NC, 27612	10/10/2025	10/10/2025	Fish kill and orange sediment in creek	Notice of Violation	Source removed, no additional remediation required
820 Beacon Lake Dr,	10/10/2025	10/13/2025	Petroleum staining in the road	Investigated and found not to be a water	None Required



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
Raleigh, NC, 27610				quality concern; no further action taken	
700 Green Ridge Dr, Raleigh, NC, 27609	10/20/2025	10/20/2025	SSO ~2,900 gallons discharged, with ~1,500 gallons discharged	SSO resolved by Raleigh Water	Vacuum and removal
21 Maywood Ave, Raleigh, NC, 27603	10/17/2025	10/17/2025	Oil, antifreeze, and other household chemicals discharged off property	Warning Letter	None Required
9521 Lumley Rd, Raleigh, NC, 27617	11/6/2025	11/6/2025	Wastewater discharged to storm drain	Notice of Violation	Source removed, no additional remediation required
111 S Rogers Ln, Raleigh, NC, 27610	11/10/2025	11/10/2025	Runoff from a heavy machinery fire reached a retention pond	Investigated and found not to be a water quality concern; no further action taken	Vacuum and removal
Genford Ct, Raleigh, NC, 27609	11/10/2025	11/12/2025	Leaf debris blown into nearby creek	Investigated and found not to be a water quality concern; no further action taken	None Required
3300 Ventura Cir, Wake Forest, NC, 27587	11/12/2025	11/13/2025	Vehicle accident caused a power line to fall, spilling transformer oil onto the roadway	Investigated and found not to be a water quality concern; no further action taken	Sweeping and removal
303 S Dawson St, Raleigh, NC, 27601	11/14/2025	11/14/2025	Rock/gravel/sediment discharged to sidewalk/street	Warning Letter	None Required
1213 Brookside Dr, Raleigh, NC, 27604	11/17/2025	11/17/2025	Wastewater discharged directly into Cemetery Branch Creek	Investigated and found not to be a water quality concern; no further action taken	None Required
3312 Alleghany Dr, Raleigh, NC, 27609	11/20/2025	11/20/2025	Broken sewer service cap	Investigated and found not to be a water quality concern; no further action taken	None Required



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
2209 Rock Quarry Rd, Raleigh, NC, 27610	11/20/2025	11/20/2025	SSO ~1,764 gallons discharged with ~1,639 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
635 New Rd, Raleigh, NC, 27608	11/22/2025	11/24/2025	A pool cleaning company discharged substance into storm drain leaving a soapy film and bubbles	Warning Letter	None Required
1915 Health Services Way, Raleigh, NC, 27607	11/25/2025	11/25/2025	SSO ~2,440 gallons discharged with ~2,000 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
1908 S New Hope Rd, Raleigh, NC, 27610	11/28/2025	11/28/2025	SSO ~1,764 gallons discharged with ~1,587 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
7904 Castl lake Ct, Raleigh, NC, 27615	11/29/2025	11/29/2025	SSO ~1,020 gallons discharged with ~969 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
1404 New Bern Ave, Raleigh, NC, 27610	12/8/2025	12/8/2025	Food truck dumping used cooking oil in the storm drain	Notice of Violation	Source removed, no additional remediation required
2853 Barrington Dr, Raleigh, NC, 27610	12/6/2025	12/8/2025	Rock and gravel sediment eroding off driveway	Investigated and found not to be a water quality concern; no further action taken	None Required
1617 Ridge Rd, Raleigh, NC, 27607	12/9/2025	12/9/2025	Swimming pool discharged to Ridge Road	Warning Letter	None Required
5005 Fanyon Way, Raleigh, NC, 27612	12/15/2025	12/15/2025	Sewer odor from Crabtree Creek	Investigated and found not to be a water quality concern; no further action taken	None Required
3011 Stone Grove Rd,	12/18/2025	12/18/2025	SSO ~2,940 gallons discharged, with ~1,440	SSO resolved by Raleigh Water	Vacuum and removal



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
Raleigh, NC, 27603			gallons discharged to surface waters		
6014 Glenwood Ave, Raleigh, NC, 27612	12/20/2025	12/20/2025	SSO ~800 gallons discharged, with 0 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
1902 Glenwood Ave, Raleigh, NC, 27608	12/23/2025	12/23/2025	SSO ~768 gallons discharged with ~768 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
15000 Ivy Pines Ln, Raleigh, NC, 27603	12/23/2025	12/23/2025	Pet grooming wastewater discharged to parking lot	Warning Letter	None Required
1030 Richardson Dr, Raleigh, NC, 27603	12/23/2025	12/23/2025	City Park property contributing to a dry weather flow	Summary Memorandum	Source removed, no additional remediation required
7000 Three Bridges Cir, Raleigh, NC, 27613	12/24/2025	12/24/2025	SSO ~375 gallons discharged with 0 gallons discharged to surface waters	SSO resolved by Raleigh Water	Vacuum and removal
5301 Creedmoor Rd, Raleigh, NC, 27612	12/29/2025	12/29/2025	Contractors blowing leaves into the road	Investigated and found not to be a water quality concern; no further action taken	None Required
2200 Biltmore Ct, Raleigh, NC, 27610	1/3/2026	1/4/2026	Private sewer manhole discharging to storm drain	Notice of Violation	Vacuum and removal
2604 Patrick Rd, Raleigh, NC, 27604	1/2/2026	1/5/2026	Motor oil spilled to the ground	Warning Letter	None Required
7100 Stuart Dr, Raleigh, NC, 27615	12/31/2025	1/5/2026	Large amount of sediment and erosion in a creek along the Mine Creek Trail in Raleigh	Investigated and found not to be a water quality concern; no further action taken	None Required
5405 Duckling Way, Raleigh, NC, 27610	1/9/2026	1/9/2026	Property depositing trash into and near surface waters	Notice of Violation	Source removed, no additional



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
					remediation required
1936 Torrey Pines Pl, Raleigh, NC, 27615	1/8/2026	1/8/2026	Hydraulic fluid leak from construction vehicle	Investigated and found not to be a water quality concern; no further action taken	None Required
1507 New Bern Ave, Raleigh, NC, 27610	1/9/2026	1/9/2026	Sewage discharging out of cleanout	Warning Letter	Vacuum and removal
8121 Brier Creek Pkwy, Raleigh, NC, 27617	1/9/2026	1/12/2026	Creek looks discolored and contaminated	Investigated and found not to be a water quality concern; no further action taken	None Required
413 Pinecroft Dr, Raleigh, NC, 27609	1/9/2026	1/12/2026	Stormwater does not drain to the catch basin	Investigated and found not to be a water quality concern; no further action taken	None Required
1431 Gavin St, Raleigh, NC, 27608	1/14/2026	1/14/2026	Possible SSO	Referred to proper authority	Vacuum and removal
2709 Amstel Way, Raleigh, NC, 27613	1/14/2026	1/20/2026	Dirt delivered in the road and some of it was washed into storm drain	Warning Letter	None Required
3106 Capital Blvd, Raleigh, NC, 27604	1/16/2026	1/16/2026	Possible dumping/discharging of automotive fluids and coolant onto the ground near a creek	Investigated and found not to be a water quality concern; no further action taken	None Required
7204 Spanglers Spring Way, Raleigh, NC, 27610	1/21/2026	1/21/2026	Sewer spill reaching storm drain	Notice of Violation	Sweeping and removal
3614 Haworth Dr, Raleigh, NC, 27609	1/26/2026	1/26/2026	RFD notified staff stormwater staff of a small diesel fuel spill < 5 gallons to the road	Investigated and found not to be a water quality concern; no further action taken	Boom and pad placement



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
2200 Housecreek Trl, Raleigh, NC, 27607	2/3/2026	2/3/2026	SSO ~1,125 gallons discharged with some reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
404 Vernon Ter, Raleigh, NC, 27609	2/4/2026	2/4/2026	SSO ~180 gallons discharged to surface waters	SSO resolved by Raleigh Water	Vacuum and removal
8817 Gulf Ct, Raleigh, NC, 27617	2/4/2026	2/4/2026	Diesel fluid leaks out of diesel tanks and equipment is leaking hydraulic fluid	Investigated and found not to be a water quality concern; no further action taken	None Required
2400 Cluette Dr, Raleigh, NC, 27615	2/9/2026	2/9/2026	Private SSO from apartment complex	Notice of Violation	Vacuum and removal
3012 Tuckland Dr, Raleigh, NC, 27610	2/6/2026	2/6/2026	Sewage discharge contained on site	Investigated and found not to be a water quality concern; no further action taken	None Required
11721 Coppergate Dr, Raleigh, NC, 27614	2/11/2026	2/11/2026	Neighbor not picking up pet waste, and HOA not enforcing rules	Investigated and found not to be a water quality concern; no further action taken	None Required
7260 Mine Shaft Rd, Raleigh, NC, 27615	2/12/2026	2/12/2026	Private SSO, contained within property/wooded area	Warning Letter	None Required
645 Bashford Rd, Raleigh, NC, 27606	2/15/2026	2/16/2026	55-gallon barrels near property edge	Investigated and found not to be a water quality concern; no further action taken	None Required
1135 N West St, Raleigh, NC, 27603	2/16/2026	2/16/2026	Observed wastewater discharge from industrial facility	Notice of Violation	Vacuum and removal
300 Plainview Ave, Raleigh, NC, 27604	2/24/2026	2/25/2026	Discharge of oil from electrical equipment	Investigated and found not to be a water quality concern; no further action taken	Excavation and removal



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
2321 Florida Ct, Raleigh, NC, 27615	2/23/2026	2/23/2026	Potential oil spill in road	Investigated and found not to be a water quality concern; no further action taken	None Required
9101 Glenwood Ave, Raleigh, NC, 27617	2/24/2026	2/25/2026	Discharge of oil from electrical equipment. ~15 gallons of oil discharged to soil	Investigated and found not to be a water quality concern; no further action taken	Source removed, no additional remediation required
4229 Louisburg Rd, Raleigh, NC, 27604	2/25/2026	2/26/2026	Discharge of oil from electrical equipment	Investigated and found not to be a water quality concern; no further action taken	Excavation and removal
2616 Wade Ave, Raleigh, NC, 27607	2/24/2026	2/25/2026	Discharge of oil from electrical equipment	Investigated and found not to be a water quality concern; no further action taken	Source removed, no additional remediation required
8325 Perry Creek Rd, Raleigh, NC, 27616	2/24/2026	2/25/2026	Discharge of oil from electrical equipment	Investigated and found not to be a water quality concern; no further action taken	Source removed, no additional remediation required
1300 Brooks Ave, Raleigh, NC, 27607	2/25/2026	2/25/2026	House with bare lawn/loose soil has sediment eroding off their property	Investigated and found not to be a water quality concern; no further action taken	None Required
1213 Brookside Dr, Raleigh, NC, 27604	2/25/2026	2/25/2026	Unknown pipe discharging into creek	Investigated and found not to be a water quality concern; no further action taken	None Required
2601 Noblewood Cir, Raleigh, NC, 27604	2/25/2026	2/25/2026	Wastewater discharged to parking lot	Investigated and found not to be a water quality concern; no further action taken	None Required
Sanderford Rd & Griffin Cir, Raleigh, NC, 27610	2/27/2026	2/27/2026	Paint wash discharged to storm drain	Investigated and found not to be a water quality concern; no further action taken	None Required



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
2613 Hamlet Green Dr, Raleigh, NC, 27614	2/27/2026	2/27/2026	Motor oil in driveway	Warning Letter	Absorbent application
3358 Hampton Rd, Raleigh, NC, 27607	3/2/2026	3/2/2026	Paint wash discharged to the curb, entered storm drain, and entered the nearby creek	Notice of Violation	Vacuum and removal
2411 Greshford Ln, Raleigh, NC, 27615	3/3/2026	3/3/2026	Neighbor throwing pet waste bags into storm drain	Warning Letter	None Required
3532 Althorp Dr, Raleigh, NC, 27616	3/3/2026	3/3/2026	Motor oil in driveway	Warning Letter	None Required
4404 Jacqueline Ln, Raleigh, NC, 27616	3/3/2026	3/3/2026	Spill of 15 gallons of 2,4-D preemergent herbicide into the street	Notice of Violation	
3100 Wake Forest Rd, Raleigh, NC, 27609	3/5/2026	3/5/2026	Street sweeper overturned	Investigated and found not to be a water quality concern; no further action taken	Sweeping and removal
8800 Westgate Park Dr, Raleigh, NC, 27617	3/9/2026	3/9/2026	SSO ~1,635 gallons discharged, with ~ 1,635 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
3519 Marsh Creek Rd, Raleigh, NC, 27604	3/8/2026	3/8/2026	A damaged transformer released approximately twenty gallons of non-PCB mineral oil to soil	Notice of Violation	Sweeping and removal
4405 Moss Spring Dr, Raleigh, NC, 27616	3/6/2026	3/6/2026	Leaf debris being blown into nearby storm drain	Investigated and found not to be a water quality concern; no further action taken	None Required
4235 Blue Ridge Rd,	3/10/2026	3/10/2026	Discolored dry-weather flow observed	Investigated and found not to be a water	None Required



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
Raleigh, NC, 27612				quality concern; no further action taken	
1515 N Raleigh Blvd, Raleigh, NC, 27610	3/10/2026	3/10/2026	SSO ~ 810 gallons discharged, with ~810 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
400 Ramblewood Dr, Raleigh, NC, 27609	3/10/2026	3/11/2026	Potential sewer spill into creek	Investigated and found not to be a water quality concern; no further action taken	None Required
5100 Wickham Rd, Raleigh, NC, 27606	3/10/2026	3/10/2026	Potential sewer odor in catch basin	Investigated and found not to be a water quality concern; no further action taken	None Required
1002 Cowper Dr, Raleigh, NC, 27608	3/11/2026	3/11/2026	Wastewater discharge from power washing activities	Investigated and found not to be a water quality concern; no further action taken	None Required
10925 Pendragon Pl, Raleigh, NC, 27614	3/11/2026	3/11/2026	Motor oil potentially discharging to road	Investigated and found not to be a water quality concern; no further action taken	None Required
3817 Beryl Rd, Raleigh, NC, 27607	3/13/2026	3/13/2026	Active grease trap overflow in the parking area.	Notice of Violation	Sweeping and removal
3515 Lake Woodard Dr, Raleigh, NC, 27604	3/17/2026	3/17/2026	Erosion off private property into creek	Investigated and found not to be a water quality concern; no further action taken	None Required
7800 Featherstone Dr, Raleigh, NC, 27615	3/16/2026	3/17/2026	Container of vehicle fluids left on the road	Investigated and found not to be a water quality concern; no further action taken	None Required
3705 Brinkley Dr, Raleigh, NC, 27604	3/21/2026	3/23/2026	Pump station failed and discharged	Warning Letter	None Required



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
2705 Falls River Ave, Raleigh, NC, 27614	3/24/2026	3/25/2026	Wastewater into storm drain	Investigated and found not to be a water quality concern; no further action taken	None Required
800 Green Ridge Dr, Raleigh, NC, 27609	3/29/2026	3/29/2026	SSO ~25 gallons	SSO resolved by Raleigh Water	Vacuum and removal
12501 Village Springs Rd, Raleigh, NC, 27614	3/31/2026	4/1/2026	Yard waste debris in storm drain	Investigated and found not to be a water quality concern; no further action taken	None Required
7550 Horizon Line Dr, Raleigh, NC, 27617	4/1/2026	4/1/2026	Motor oil in storm drain	Notice of Violation	Vacuum and removal
2304 Gorman St, Raleigh, NC, 27606	4/7/2026	4/7/2026	Grease trap overflowing in parking lot and entering storm drains	Notice of Violation	Source removed, no additional remediation required
1320 Glen Eden Dr, Raleigh, NC, 27612	4/8/2026	4/8/2026	Private SSO into creek	Notice of Violation	Source removed, no additional remediation required
512 E Whitaker Mill Rd, Raleigh, NC, 27608	4/10/2026	4/10/2026	Water discharging from a pipe on to neighboring property	Investigated and found not to be a water quality concern; no further action taken	None Required
5433 Penwood Dr, Raleigh, NC, 27606	4/18/2026	4/20/2026	Motor oil into storm drain	Investigated and found not to be a water quality concern; no further action taken	None Required
600 Hadley Rd, Raleigh, NC, 27610	4/17/2026	4/17/2026	Black creek, stagnant water	SSO resolved by Raleigh Water	Vacuum and removal



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
600 Hadley Rd, Raleigh, NC, 27610	4/20/2026	4/20/2026	SSO ~1,975 gallons discharged, 0 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
3716 Pine Knoll Dr, Raleigh, NC, 27604	4/23/2026	4/23/2026	Private SSO contained on property	Warning Letter	Vacuum and removal
2506 S Saunders St, Raleigh, NC, 27603	4/27/2026	4/27/2026	Wastewater discharging to storm drain	Notice of Violation	Sweeping and removal
6301 Lakecrest Dr, Raleigh, NC, 27609	4/28/2026	4/28/2026	Wastewater discharging to storm drain	Investigated and found not to be a water quality concern; no further action taken	None Required
3318 Capital Blvd, Raleigh, NC, 27604	4/30/2026	4/30/2026	Fats, oils, and grease discharging to storm drain	Notice of Violation	Vacuum and removal
4625 Timberhurst Dr, Raleigh, NC, 27612	4/30/2026	5/1/2026	Private SSO contained on property	Warning Letter	None Required
2310 Garner Rd, Raleigh, NC, 27610	5/2/2026	5/2/2026	Metal fire and suppression system discharged to nearby creek	Notice of Violation	Vacuum and removal
6705 Glendower Rd, Raleigh, NC, 27613	5/3/2026	5/3/2026	SSO ~800 gallons discharged, ~650 gallons reaching surface waters.	SSO resolved by Raleigh Water	Vacuum and removal
4325 Glenwood Ave, Raleigh, NC, 27612	5/4/2026	5/4/2026	Fats, oils, and grease discharging to storm drain	Investigated and found not to be a water quality concern; no further action taken	None Required
7802 Clover Creek Ct, Raleigh, NC, 27613	5/4/2026	5/4/2026	Discolored water in creek	Investigated and found not to be a water quality concern; no further action taken	None Required



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
4716 New Bern Ave, Raleigh, NC, 27610	5/5/2026	5/5/2026	Food truck discharges grease/waste to storm drain	Notice of Violation	Sweeping and removal
410 Ashe Ave, Raleigh, NC, 27606	5/11/2026	5/11/2026	Diesel fuel leaked on to sidewalk	Notice of Violation	Sweeping and removal
7601 Glenwood Ave, Raleigh, NC, 27612	5/13/2026	5/13/2026	SSO discharged to stormwater system and surface waters	Notice of Violation	Vacuum and removal
10020 Sellona St, Raleigh, NC, 27617	5/14/2026	5/14/2026	SCM remediation company discharged sludge to a dry creek	Notice of Violation	Source removed, no additional remediation required
7203 Newport Ave, Raleigh, NC, 27613	5/14/2026	5/14/2026	Truck pumping water into the street storm drain	Warning Letter	Vacuum and removal
2401 E Millbrook Rd, Raleigh, NC, 27604	5/18/2026	5/18/2026	Food truck dumping grease/waste into storm drain	Notice of Violation	Vacuum and removal
4425 Oak Park Rd, Raleigh, NC, 27612	5/19/2026	5/19/2026	Petroleum or oil product that has been dumped in creek	Investigated and found not to be a water quality concern; no further action taken	None Required
8164 Rolling Glenn Dr, Raleigh, NC, 27616	5/21/2026	5/21/2026	Fuel containers leaking onto sidewalk	Warning Letter	None Required
201 Sheldon Dr, Raleigh, NC, 27610	5/21/2026	5/21/2026	Fats, oils, and grease on sidewalk	Investigated and found not to be a water quality concern; no further action taken	None Required
9424 Falls of Neuse Rd, Raleigh, NC, 27615	5/20/2026	5/20/2026	Dumpster discharging wastewater	Warning Letter	None Required



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
6901 Windtree Cir, Raleigh, NC, 27612	5/22/2026	5/22/2026	Private SSO discharge into yard near a creek	Warning Letter	None Required
403 Furches St, Raleigh, NC, 27607	5/23/2026	5/23/2026	SSO ~ 450 gallons discharged, ~50 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
3705 Brinkley Dr, Raleigh, NC, 27604	5/28/2026	5/29/2026	Private SSO discharged, contained on property	Investigated and found not to be a water quality concern; no further action taken	None Required
4629 Timberhurst Dr, Raleigh, NC, 27612	5/27/2026	5/28/2026	Private SSO	Notice of Violation	Source removed, no additional remediation required
Deep Hollow Dr & Duraleigh Rd, Raleigh, NC, 27612	5/30/2026	5/30/2026	SSO ~3,120 gallons discharged, with ~3,120 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
1333 Four Winds Dr, Raleigh, NC, 27615	5/31/2026	5/31/2026	SSO ~1,728 gallons discharged, with ~1,728 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
5321 Coronado Dr, Raleigh, NC, 27609	6/5/2026	6/5/2026	SSO ~390 gallons discharged, with ~390 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal
3809 Polly St, Raleigh, NC, 27610	6/6/2026	6/6/2026	Liquid nitrogen fertilizer discharged into the ditch from vehicle accident	Notice of Violation	Planting and restoration
2817 Coxindale Dr, Raleigh, NC, 27615	6/5/2026	6/8/2026	Unknown water pooling near playground	Investigated and found not to be a water quality concern; no further action taken	None Required
5512 North Hills Dr, Raleigh, NC, 27612	6/8/2026	6/8/2026	Private SSO	Warning Letter	None Required



Address	Date Received	Date Responded	Description	Enforcement Actions Taken	Remediation Actions Taken
7220 Six Forks Rd, Raleigh, NC, 27615	6/9/2026	6/9/2026	Private SSO discharging into nearby creek	Notice of Violation	Vacuum and removal
101 Cox Ave, Raleigh, NC, 27605	6/16/2026	6/17/2026	Plastic and foam packing material is scattered all over the neighborhood	Investigated and found not to be a water quality concern; no further action taken	None Required
1 Floretta Pl, Raleigh, NC, 27617	6/24/2026	6/24/2026	Private SSO discharging to stormwater system	Notice of Violation	Sweeping and removal
2419 Laurel Valley Way, Raleigh, NC, 27604	6/25/2026	6/25/2026	Wastewater into storm drain	Warning Letter	None Required
149 Magenta Rose Dr, Raleigh, NC, 27610	6/29/2026	6/29/2026	SSO ~74 gallons discharged with 74 gallons reaching surface waters	SSO resolved by Raleigh Water	Vacuum and removal

NOV = Notice of Violation SSO = Sanitary Sewer Overflow

D.3 Program Assessment

Staff continue to effectively implement and meet permit requirements, with 128 of 129 complaints receiving a staff response within one business day of receipt. All Notices of Violation (NOVs) issued during the reporting period were also resolved.

The number of IDDE investigations decreased from 171 during the previous reporting period to 129 during this reporting period. City of Raleigh sanitary sewer overflows (SSOs) increased by approximately 41%, while private SSOs decreased by approximately 39%. Discharges associated with fats, oils, and grease (FOG) decreased by 42%, and discharges associated with oil and automotive fluids decreased by approximately 38%. These year-over-year comparisons should be considered in the context of this current abbreviated reporting period, which was three months shorter than the previous reporting period. The decrease in overall investigations and in several common discharge sources may reflect increased staff and public awareness resulting from targeted education and outreach, although additional data will be needed to determine longer-term trends.

During the first quarter, IDDE staff reviewed and updated program documents to align with changes anticipated under the new permit. Staff also finalized definitions for repeat violators and developed a tracking tool to improve documentation of responsible parties identified through



NOVs. During the next reporting year, staff will use IDDE data to further target education and outreach, prioritize dry weather flow inspections, and strengthen coordination with other City departments.

Section E: Construction Site Runoff Controls

E.1 Program Narrative

The City has implemented construction site runoff controls (erosion and sediment control) since the 1970s. This program is delegated to the City and overseen by DEQ. The City erosion and sediment control ordinance provides legal authority for the program in the City corporate limits and extraterritorial jurisdiction (ETJ) area and is updated when necessary to meet DEQ's minimum requirements. Ordinance changes are noticed and subject to public hearing prior to adoption, as described in Section C.

The program includes plan review, permitting, inspection, education, and enforcement activities to control construction site runoff. For all projects that disturb greater than one acre, an NPDES construction permit is required; that application should be made to DEQ for permit coverage. In addition, all publicly funded projects that disturb more than one acre are required to obtain Erosion and Sediment Control plan approval through DEQ. The City also receives and responds to calls and concerns from citizens related to runoff from construction sites on a regular basis.

E.2 Best Management Practices

Table E-1 includes a brief description of the Construction Site Runoff Controls best management practices required by the MS4 permit, the planned actions for the current and future fiscal years as described in the SWMP, the annual reporting metrics identified in the SWMP, and the actual metrics for actions completed during this reporting year.



Table E-1: Construction Site Runoff Controls Metrics and Results

Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section E.2 (a) The permittee has a delegated or authorized Sediment and Erosion Control Program. As such, to the extent authorized by law, the permittee is responsible for compliance with the Sediment Pollution Control Act of 1973 and Chapter 4 of Title 15A of the North Carolina Administrative Code. The delegated or authorized Sediment and Erosion Control Program effectively meets the MEP standard for Construction Site Runoff Controls 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 and Chapter 4 of Title 15A of the North Carolina Administrative Code.	Implement standard construction site inspection procedures. Perform erosion and sediment control plan reviews. Perform enforcement activities, if necessary. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Implement standard construction site inspection procedures. Perform erosion and sediment control plan reviews. Perform enforcement activities, if necessary. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Report number of inspections and enforcement activities conducted	Inspections: 13,764 NOVs: 3 Civil Penalties: 1



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section E.2 (b) The NCG010000 permit establishes requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality. Part II Section E.2 (c) The permittee shall provide and promote a means for the public to notify the appropriate authorities of observed erosion and sedimentation problems. The permittee may implement a plan promoting the existence of the DEQ "Stop Mud" hotline (1-866- STOPMUD) to meet the requirements of this paragraph.	<p>Perform construction site inspections for the erosion and sediment control program and appropriate enforcement activities that meet requirements of Part II Section E.2 (a), if necessary.</p> <p>Perform illicit discharge investigations when reported by City staff or residents.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Perform construction site inspections for the erosion and sediment control program and appropriate enforcement activities that meet requirements of Part II Section E.2 (a), if necessary.</p> <p>Perform illicit discharge investigations when reported by City staff or residents.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	N/A, see reporting metrics in SWMP Table 7 and Part II Section E.2 (a) and Part II Section D.2 (f) of the permit	N/A



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section E.2 (c) The permittee shall provide and promote a means for the public to notify the appropriate authorities of observed erosion and sedimentation problems. The permittee may implement a plan promoting the existence of the DEQ "Stop Mud" hotline (1-866- STOPMUD) to meet the requirements of this paragraph.	Maintain the stormwater administration helpline to receive public reports. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Maintain the stormwater administration helpline to receive public reports. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	N/A, see reporting metrics in SWMP Table 5 and Part II Section B.2 (c) and (e) of the permit	N/A
Part II Section E.2 (d) For new development and redevelopment projects to be built within the permittee's planning jurisdiction by entities with eminent domain authority, the permittee shall, to the maximum extent practicable, coordinate the approval of the construction site runoff control with the DEMLR.	Coordinate with DEQ for development and redevelopment projects by entities with eminent domain authority, if necessary. This includes land-disturbing activities conducted by local, state, or United States governments or entities with the power of eminent domain (e.g., public utilities), which remain under jurisdiction of the Division of Energy, Mineral, and Land Resources (DEMLR). Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Coordinate with DEQ for development and redevelopment projects by entities with eminent domain authority, if necessary. This includes land-disturbing activities conducted by local, state, or United States governments or entities with the power of eminent domain (e.g., public utilities), which remain under jurisdiction of the Division of Energy, Mineral, and Land Resources (DEMLR). Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Report number of plans that required DEQ coordination for entities with eminent domain authority	25



E.3 Program Assessment

The Construction Site Runoff Control Program continued to effectively meet all permit requirements during the reporting period. Inspection and enforcement activity was lower than the previous reporting period, primarily due to the abbreviated nine-month reporting period compared to 12 months and favorable drought conditions, which resulted in fewer failures of sediment and erosion control measures. Staff continued to use Notices of Violation (NOVs) and, when appropriate, non-traditional enforcement tools such as withholding Certificates of Occupancy, preventing building permit issuance, and halting trade inspections to achieve timely site compliance.

Program improvements continued throughout the reporting period. In November 2025, staff updated the Inspection Procedures for Land Disturbance Grading Permit SOP to incorporate sediment and erosion control enforcement procedures. In March 2026, staff completed a new Program Plan incorporating existing permit requirements and new requirements for waste and wastewater management at construction sites. Staff also began drafting amendments to the Unified Development Ordinance (UDO) to incorporate these requirements, strengthen enforcement procedures, and maintain compliance with applicable State and Federal requirements. The proposed amendments will proceed through the formal adoption process in a future permit year.

The program remained fully staffed throughout the reporting period, with trained staff available to conduct complex inspections, respond to complaints, and implement enforcement actions as needed. Staff continued to maintain effective communication and working relationships with developers, builders, and contractors. These efforts have supported timely correction of deficiencies and repairs to sediment and erosion control measures, contributing to effective site compliance.



Section F: Post-Construction Site Runoff Controls

F.1 Program Narrative

The City's post-construction site runoff controls remain in compliance with the City's NPDES MS4 permit through the Neuse Nutrient Sensitive Waters Management Strategy and Water Supply Watershed programs.

The City implements the Neuse Nutrient Sensitive Waters Management Strategy (15A NCAC 2B .0235) throughout the corporate limits and ETJ area of Raleigh. Water Supply Watershed IV (WS-IV) Programs (15A NCAC 2H .0216) are implemented in the Falls Lake and Richland Creek watersheds. A Water Supply Watershed III (WS-III) Program (15A NCAC 2B .0215) is implemented in the Swift Creek watershed.

The City's post-construction site runoff controls are deemed compliant with the implementation of the above-mentioned program measures. The controls are enforced through the City Unified Development Ordinance (UDO) and Stormwater Design Manual, which are at least as stringent as state requirements.

The City provides mechanisms to record deed restrictions and protective covenants to ensure ongoing maintenance of post-construction stormwater control measures (SCMs). The City has also set up a private maintenance policy for owners of private properties with post-construction SCMs. Every year, the private property owner must have a licensed professional engineer, surveyor or landscape architect certify that the SCM is properly functioning and maintained and must send that certification to the City. If these inspections and certifications are not made, then notification and enforcement actions, including issuance of civil penalties, are taken. The maintenance activities required for each SCM are outlined in an operation and maintenance plan, which is approved during the design review process.

The City also provides educational materials and training for developers on requirements for new development, redevelopment, and SCM construction and maintenance.

F.2 Best Management Practices

Table F-1 includes a brief description of the Post-Construction Site Runoff Controls best management practices required by the MS4 permit, the planned actions for the current and future fiscal years as described in the SWMP, the annual reporting metrics identified in the SWMP, and the actual metrics for actions completed during this reporting year.



Table F-1: Post-Construction Site Runoff Controls Metrics and Results

Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section F.2 (a) Post-construction stormwater management program	<p>Review the UDO and Stormwater Design Manual annually and make documents available to developers and construction site operators.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Review UDO and Stormwater Design Manual annually and make documents available for developers and construction site operators.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	N/A, see reporting metrics in SWMP Table 4 and Part II Section A of the permit	N/A
Part II Section F.2 (b) Strategies which include SCMs appropriate for the MS4	<p>Maintain the UDO and Stormwater Design Manual so that the City requirements are at least as stringent as the minimum requirements in 15A NCAC 02H .1000 and make documents available to developers and construction site operators.</p> <p>Review annually the SCM Inspections Program Plan and update, if necessary.</p> <p>Implement the SCM inspection and maintenance program.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Maintain the UDO and Stormwater Design Manual so that the City requirements are at least as stringent as the minimum requirements in 15A NCAC 02H .1000 and make documents available to developers and construction site operators.</p> <p>Review annually the SCM Inspections Program Plan and update, if necessary.</p> <p>Implement SCM inspection and maintenance program.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	Report number of sites with SCMs	1,448
			Report number of sites where SCM inspections have been received	1,219
			Report SCM enforcement activities	91 NOVs issued; \$55,250 in civil penalties.



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section F.2 (c) Deed restriction and protective covenants	<p>Develop covenant template for single-owner SCMs.</p> <p>Maintain recording mechanisms for deed restrictions and protective covenants.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Continue to develop covenant template for single-owner SCMs.</p> <p>Maintain recording mechanisms for deed restrictions and protective covenants.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Verify that mechanisms such as recorded deed restrictions, plats, and/or protective covenants are provided so that development activities maintain the project consistent with approved plans</p>	<p>Plat maps and maintenance easements are mechanisms utilized to ensure SCMs are maintained and consistent with the approved plans</p>
Part II Section F.2 (d) Operation and maintenance plan	<p>Require submittal of operation and maintenance plan(s) prior to Certificate of Occupancy issuance and maintain records of each plan.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Require submittal of operation and maintenance plan(s) prior to certificate of occupancy issuance and maintain records of each plan.</p> <p>Evaluate the program effectiveness and notify the Water Quality Manager of program modifications.</p>	<p>Report number of sites with newly approved operation and maintenance plans at time of plan review</p>	<p>131</p>
Part II Section F.2 (e) Educational materials and training for developers	<p>Review annually developer training and outreach materials and update, as needed.</p> <p>Conduct training for developers.</p>	<p>Review annually developer training and outreach materials and update, as needed.</p> <p>Conduct training for developers.</p>	<p>Report types of fact sheets, educational brochures, and other materials made available to developers</p>	<p>Web-based; Annual Inspection requirements, As-Built requirements, New Residential Permitting brochures created</p>



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications. Notify the Water Quality Manager of program modifications.	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Report training events held for developers and number of participants	Stormwater staff participated in the Permit Pathways events hosted by Planning and Development to train developers

F.3 Program Elements

Table F-2 includes a brief description of additional Post-Construction Site Runoff Controls program elements required by the MS4 permit, the planned actions for the current and future fiscal years as described in the SWMP, the annual reporting metrics identified in the SWMP, and the actual metrics for actions completed during this reporting year.

Table F-2: Post-Construction Site Runoff Controls Program Element Metrics and Results

Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section F.3 Design post-construction practices that meet or exceed state rules	Review annually the DEQ model ordinance and regulations for changes affecting the City's post-construction practices. Incorporate and submit revisions to DEQ for approval, as needed. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Review annually the DEQ model ordinance and regulations for changes affecting the City's post-construction practices. Incorporate and submit revisions to DEQ for approval, as needed. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Report whether UDO was updated (Y/N)	No



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section F.4 Implement additional requirements for sensitive receiving waters	Maintain SWMP Table 1, which identifies City receiving waters, including NSW and Water Supply Watershed designations. Implement the Neuse River Basin Nutrient Sensitive Waters Management Strategy throughout the City's corporate limits and ETJ area. Implement Water Supply Watershed rules in designated watersheds. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Maintain SWMP Table 1, which identifies City receiving waters, including NSW and Water Supply Watershed designations. Implement the Neuse River Basin Nutrient Sensitive Waters Management Strategy throughout the City's corporate limits and ETJ area. Implement Water Supply Watershed rules in designated watersheds. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	N/A, see SWMP Table 2 and 4, and Part II Section A.1. of the permit	N/A
Part II Section F.5 Meet post-construction requirements for projects performed by permittee	Maintain UDO and Stormwater Design Manual and make documents available all City Departments. Review annually the Asset Management SCM Operation	Maintain UDO and Stormwater Design Manual and make documents available all City Departments. Review annually the Asset Management SCM	N/A, see reporting metrics in Table 9 and 11 of the SWMP and Part II Section F.2 (b) and Part II Section G.2 (g) of the permit	N/A



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
	<p>& Maintenance Plan and update, if necessary.</p> <p>Implement SCMs and dams asset management program.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Operation & Maintenance Plan and update, if necessary.</p> <p>Implement SCMs and dams asset management program.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	Number of City projects approved for post-construction compliance	25
Part II Section F.6 SCM water quality design volume will account for runoff at build out	<p>Maintain UDO and Stormwater Design Manual and make documents available for developers and construction site operators.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Maintain UDO and Stormwater Design Manual and make documents available for developers and construction site operators.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	N/A, see reporting metrics in SWMP Table 4 and 9 and Part II Section F.2 (b) and Part II Section A.1 of the permit	N/A
Part II Section F.7 Non-NCDOT linear transportation projects meet post-construction requirements	<p>Document design requirements for linear projects that will be conveyed to NCDOT demonstrating consistency with current City practices. Implement guidance for NCDOT projects.</p> <p>Evaluate the program effectiveness and notify the Water Quality Manager of program modifications.</p>	<p>Document design requirements for linear projects that will be conveyed to NCDOT demonstrating consistency with current City practices. Implement guidance for NCDOT projects.</p> <p>Evaluate the program effectiveness and notify the Water Quality Manager of program modifications.</p>	Report the number of linear projects with an approved design that will be conveyed to NCDOT	5



F.4 Program Assessment

During the reporting year, the Stormwater Plan Review group experienced two vacancies, one from October through December and another from February through June. One position remains vacant due to the City-wide hiring freeze. Despite reduced staffing, the group continued to meet all permit requirements and improve internal checklists and SOPs. Updates to the Stormwater Design Manual and Unified Development Ordinance (UDO) are also being drafted and will proceed through the formal adoption process in a future permit year.

The SCM Inspections Program continued to meet all permit requirements and remained fully staffed. Staff are trained to effectively administer, review, and enforce SCM inspection and maintenance requirements. The number of sites with SCMs increased by 229 during the reporting period, while NOVs and civil penalties decreased. This reduction is likely attributable to the shortened reporting period, increased use of Extension Requests, and removal of sites that had remained out of compliance for more than one year. Working with property owners to establish Extensions before pursuing enforcement has been effective in resolving compliance issues while providing property owners additional time to address maintenance requirements. Overall, the reduction in enforcement actions, combined with continued compliance rates, indicates positive compliance trends.

The shortened nine-month reporting period resulted in fewer total SCM reports received compared to the previous year; however, month-to-month compliance rates remained consistent with the same point in the previous reporting cycle. The abbreviated reporting period also identified an opportunity to improve year-over-year tracking of report submittals, as previous metrics were based on full-year data. Staff will continue refining tracking methods to better evaluate submittal timing and trends, anticipate workload fluctuations, and identify opportunities to improve compliance and program efficiency.



Section G: Pollution Prevention and Good Housekeeping for Municipal Operations

G.1 Program Narrative

The Stormwater Management Division has developed and implemented a facility inventory, inspection program, Site Pollution Prevention Plans (SPPPs) and Stormwater Pollution Prevention Plans (SWPPPs), spill response guidance, and staff training to prevent or mitigate pollution from municipal facilities and operations.

The City also inspects and maintains municipally-owned SCMs and the storm sewer system to assess and maintain its condition.

G.2 Best Management Practices

Table G-1 includes a brief description of the Pollution Prevention and Good Housekeeping best management practices required by the MS4 permit, the planned actions for the current and future fiscal years as described in the SWMP, the annual reporting metrics identified in the SWMP, and the actual metrics for actions completed during this reporting year.

Table G-1: Pollution Prevention and Good Housekeeping for Municipal Operations Metrics and Results

Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section G.2 (a) Inventory of municipal facilities and operations	Review the inventory annually and update, as needed, based on changes in municipal facilities and operations.	Review the inventory annually and update, as needed, based on changes in municipal facilities and operations.	Report inventory of facilities determined to have significant potential for generating polluted stormwater runoff	30 facilities; see Table G-2 below



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
	<p>Maintain and update inventory of municipally-owned SCMs.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Maintain and update inventory of municipally-owned SCMs.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	Report number of municipal SCMs by type	<p>Total: 75 Wet Pond: 8 UG Detention: 10 Swale: 1 Sand Filter: 3 Permeable Pavement: 1 Level Spreader w/ Filter Strip: 3</p> <p>Filterra: 13 Dry Pond: 8 Wetland: 7 Bioretention: 22</p>
Part II Section G.2 (b) Inspection and maintenance program for municipal facilities and operations	<p>Review annually the Asset Management SCM Operations and Maintenance Plan and Industrial</p> <p>Facility Inspection Program Plan guidance and update, as needed.</p> <p>Inspect and document municipal facility inspections, including any corrective actions.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Review annually the Asset Management SCM Operations and Maintenance Plan and Industrial Facility Inspection Program Plan guidance and update, as needed.</p> <p>Inspect and document municipal facility inspections, including any corrective actions.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	Report number of facilities inspected	84 facilities were inspected
			Report corrective actions taken at municipal facilities or operations	Three summary memoranda were sent to facility contacts to address corrective actions at a total of six facilities. At five facilities SPPPs were updated, corrective actions were documented, training was completed, and site inspections resumed. One of the sites is still working towards completing corrective actions with a compliance deadline of Sept 15, 2026.



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section G.2 (c) SPPPs for municipal facilities	<p>Review annually facility SPPPs/SWPPPs with facility owning departments and update, as needed.</p> <p>Develop SPPPs/SWPPPs for newly identified facilities, if necessary.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Review annually facility SPPPs/SWPPPs with facility owning departments and update, as needed.</p> <p>Develop SPPPs/SWPPPs for newly identified facilities, if necessary.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	Report number of facilities within the City corporate limits with SPPPs/SWPPPs	30 facilities have SWPPPs/SPPPs.
Part II Section G.2 (d) Spill response procedures for municipal facilities and operations	<p>Review facility, operation, and Citywide spill response procedures and update, if necessary.</p> <p>Notify the Water Quality Manager of program modifications.</p>	<p>Review facility, operation, and Citywide spill response procedures annually and update, as needed.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	Report number of spill response procedures developed/updated	1
Part II Section G.2 (e) Prevent or minimize contamination of stormwater runoff from all areas used for vehicle and equipment cleaning	Review procedures for vehicle and equipment cleaning operations annually and update, as needed.	Review procedures for vehicle and equipment cleaning operations annually and update, as needed.	Report number of high-priority facilities performing vehicle and equipment cleaning operations	8



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Report actions taken to prevent or minimize stormwater runoff from vehicle and equipment cleaning	SPPPs and SWPPPs exist at each high-priority facility that provide BMPs for vehicle and equipment cleaning. Stormwater staff have inspected each of these sites within this reporting year.
			Report number of facilities with three or fewer fire trucks undergoing renovations that will include structural measures to prevent wash water from entering the storm sewer system to the extent feasible	Two fire stations are currently being designed and will be reviewed to meet the UDO by Stormwater Plan Review staff prior to approval. One fire station renovation is currently under construction.
Part II Section G.2 (f) Streets, roads, and public parking lots maintenance	<p>Document street, road, and public parking lot BMPs in the MS4 Operation and Maintenance Plan.</p> <p>Implement BMPs to reduce polluted stormwater runoff from municipally-owned streets, roads, and public parking lots.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Document street, road, and public parking lot BMPs in the MS4 Operation and Maintenance Plan.</p> <p>Implement BMPs to reduce polluted stormwater runoff from municipally-owned streets, roads, and public parking lots.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	Report maintenance activities completed in the previous fiscal year	4,881 miles of street were swept



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section G.2 (g) Inspection and Maintenance (I&M) for municipally-owned or maintained stormwater control measures (SCMs) and the storm sewer system.	Review annually the MS4 Operation and Maintenance Plan and Asset Management SCM Operation and Maintenance Plan, and revise, as needed.	Review annually the MS4 Operation and Maintenance Plan and Asset Management SCM Operation and Maintenance Plan, and revise, as needed.	Report number of municipal SCMs inspected	23 City-owned regulatory compliance SCMs installed prior to this reporting period have been inspected
	Review annually the Asset Management SCM Operation and Maintenance Plan, and revise, as needed. Establish service level agreements (SLAs) with facility owning departments address shared ownership and maintenance responsibilities and outstanding maintenance needs for SCMs located at municipal facilities.	Implement inspection and maintenance programs documented in the MS4 Operation and Maintenance Plan and Asset Management SCM Operation and Maintenance Plan. Review existing SLAs and coordinate with facility owning departments, if necessary.	Report number of storm sewer conveyance system components inspected	Number of bridges inspected: 70 Number of crossline conveyances (culverts) inspected: 1,155 Linear footage of drainage system that has had CCTV inspection: 62,538 Linear footage of drainage system that has had pole camera inspection: 283,387 Number of catch basins inspected: 938 Number of junctions inspected: 12



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
	<p>Review existing SLAs and coordinate with facility owning departments, if necessary.</p> <p>Implement inspection and maintenance programs documented in the MS4 Operation and Maintenance Plan and Asset Management SCM Operation and Maintenance Plan.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Report maintenance and repair actions</p>	<p>Number of storm assets flushed and/or vacuumed: 540</p> <p>Linear feet of stormwater pipe flushed and/or vacuumed: 22,622.2</p> <p>Number of crossline conveyances (culverts) maintained: 1,781</p> <p>Number of inlet/junction tops reset: 425</p> <p>Number of inlets/junctions maintained: 1,203</p> <p>Number of pipes repaired/replaced: 17</p> <p>Linear feet or channels redefined: 2,880</p> <p>Number of bridges repaired: 1</p> <p>Number of culverts repaired: 1</p> <p>Number of catch basins repaired: 253</p> <p>Number of junctions repaired: Replacements: 0</p>



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section G.2 (h) Staff training	<p>Review annually and implement the Education, Outreach, and Public Involvement Plan, in conjunction with Part II Section D.2 (d) in Table 7, which documents the employee training program, including who should receive training, types of training, and frequency.</p> <p>Conduct employee training and document attendance.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Review annually and implement the Education, Outreach, and Public Involvement Plan, in conjunction with Part II Section D.2 (d) in Table 7, which documents the employee training program, including who should receive training, types of training, and frequency.</p> <p>Conduct employee training and document attendance.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	Report types of training provided and number of staff who completed PPGH training	248 City staff completed the PPGH training modules via the City's SuccessFactors portal.



Table G-2: PPGH inventory of facilities that have significant potential to generate polluted stormwater runoff

Facility Name	Facility Owning Department
Lake Woodard (PUD)	Raleigh Water
Northeast Remote Operations (Burwell St)	VFS/Parks
COR Paratransit Operations Facility	Transportation
Downtown Remote Operations	Engineering Services/Transportation
Raleigh Transit Operations Facility	Go Raleigh
New Bern Avenue Maintenance Facility	Raleigh Fire Department/Engineering Services
Solid Waste-Wilders Grove Service Center	Solid Waste Services
Yard Waste Facility	Solid Waste, Yard Waste Facility
Buffaloe Road Athletic Park	Parks, Recreation and Cultural Resources
Walnut Creek Park North	Parks, Recreation and Cultural Resources
Ridge Road Pool	Parks, Recreation and Cultural Resources
Raleigh Fire Department Facility #1	Raleigh Fire Department
Mt. Herman Rd Operation Facility	Transportation
Biltmore Hills Park	Parks, Recreation and Cultural Resources
Millbrook-Exchange Park	Parks, Recreation and Cultural Resources
Pullen Park	Parks, Recreation and Cultural Resources
Optimist Park	Parks, Recreation and Cultural Resources
Longview Pool	Parks, Recreation and Cultural Resources
Neuse River Resource Recovery Facility	Raleigh Water
E. M. Johnson Water Treatment Plant	Raleigh Water
Raleigh Union Station	Transportation
Bain Odor Control Station	Raleigh Water
Lake Johnson	Parks, Recreation and Cultural Resources
Dorothea Dix Park	Parks, Recreation and Cultural Resources
Keeter Training Center	Raleigh Fire Department
Marsh Creek Facility	Parks, Recreation and Cultural Resources
Walnut Creek Odor Control and Pump Station	Raleigh Water
Crabtree Creek Odor Control & Pump Station	Raleigh Water



Facility Name	Facility Owning Department
Marsh Creek Odor Control Station	Raleigh Water
Buffaloe Road Odor Control Station	Raleigh Water

G.3 Program Assessment

Staff continued to effectively meet PPGH permit requirements during the reporting year. Staff completed inspections at 86 facilities, a slight decrease from the previous year attributable to the shortened reporting period. All 30 City-wide high-priority facilities received at least one inspection, with follow-up inspections conducted as needed. Low-priority and minimum-exposure facilities were also inspected. Three summary memoranda identifying corrective actions were issued for deficiencies at six facilities, and all identified compliance concerns were resolved during the reporting year.

Staff completed inspections at 23 of the 75 City-owned SCMs during the reporting period. The decrease from the previous reporting period does not reflect a reduction in the SCM inventory; rather, changes to inspection tracking and scheduling affected the number of inspections completed during the abbreviated reporting period. Two newly constructed SCMs were added to the inventory, and annual inspection anniversary dates were reassigned to May 31 or November 1. As a result, only 23 SCMs had submitted inspections since the previous reporting period.

Fourteen SCMs continue to undergo redesign or rehabilitation, and all have accepted Plans of Action establishing a path toward full compliance. Staff continue to use both an outside maintenance contractor and an internal SCM Maintenance crew to perform routine and corrective maintenance. During the reporting year, rehabilitation or significant maintenance was completed on three SCMs, returning each to compliant status.

For MS4 maintenance, staff will continue to evaluate inspection, repair, and maintenance data to identify trends and potential drainage problem areas. Priority areas and quantified maintenance needs continue to guide street sweeping and catch basin cleaning activities to support nutrient reduction within the MS4. Staff also updated the MS4 O&M Plan to provide additional guidance for vehicle and equipment washing.



Section H: Program to Monitor and Evaluate Stormwater Discharges to Municipal Systems

H.1 Program Narrative

The City maintains an inventory of permitted hazardous waste treatment, disposal, and recovery facilities; industrial facilities that are subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA); and industrial facilities identified with an industrial activity permitted to discharge stormwater to the City MS4. The City's program prioritizes and inspects City-owned facilities with NPDES Industrial Stormwater Permits annually and privately-owned facilities with NPDES Industrial Stormwater Permits at least once every three years. No-exposure sites permitted through DEQ are inspected once every permit cycle.

If potential non-compliance is found at a permitted facility or if compliance with the permit does not result in adequate control of pollutants to the MS4, City staff will contact DEQ to report the issue. If an illicit discharge is discovered during a facility inspection, the City will take enforcement action to resolve the problems leading to non-compliance.

H.2 Best Management Practices

Table H-1 includes a brief description of the Program to Monitor and Control Pollutants in Storm Water Discharges to Municipal Systems best management practices required by the MS4 permit, the planned actions for the current and future fiscal years as described in the SWMP, the annual reporting metrics identified in the SWMP, and the actual metrics for actions completed during this reporting year.

Table H-1: Program to Monitor and Control Pollutants in Storm Water Discharges to Municipal Systems Metrics and Results

Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section H.2 (a) Maintain an inventory of industrial facilities	Review at least once per permit cycle the industrial facility inventory and update, as needed.	Review at least once per permit cycle the industrial facility inventory and update, as needed.	Report number of industrial facilities identified within the City's corporate limits	70
	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.		
Part II Section H.2 (b) Inspection program	Review annually the Industrial Facility Inspection Program Plan and update inspection guidance and checklists, if necessary.	Review annually the Industrial Facility Inspection Program Plan and update inspection guidance and checklists, if necessary.	Report number of facility inspections conducted	77
			Identify program priorities	City-owned permitted facilities



	<p>Review inspections results and identify program priorities, as needed.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Review inspections results and identify program priorities, if necessary.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>		<p>– inspected annually;</p> <p>Privately-owned permitted facilities - inspected at least once every three years;</p> <p>No-exposure sites – inspected at least once every permit cycle;</p> <p>Unpermitted facilities engaged in industrial activities found to have been in violation of the Illicit Discharge Ordinance - inspected at least once per permit cycle;</p> <p>Unpermitted hazardous waste treatment, disposal and recovery facilities, and/or industrial facilities subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) facilities -inspected at least once per permit cycle;</p>
--	---	--	--	--



				Facilities within TMDL watersheds - inspected at least once annually in addition to regular frequency.
Part II Section H.2 (c) Evaluate industrial facilities discharging stormwater to the City's MS4	Conduct inspection activities based on established procedures documented in City guidance and checklists.	Conduct inspection activities based on established procedures documented in City guidance and checklists.	Report number of deficiencies identified and forwarded to DEQ	14
	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Report number of illicit discharges identified at industrial facilities	1

H.3 Program Assessment

Staff continued to effectively meet all permit requirements of the Program to Monitor and Control Pollutants in Storm Water Discharges to Municipal Systems. Despite the abbreviated reporting year, all active industrial sites located within the City's jurisdiction were evaluated by staff, with at least one site visit conducted during the reporting period. Each site visit was documented with an inspection report and representative photographs, and NCDEQ was notified of potential permit violations as required. The number of instances requiring notification or coordination with NCDEQ slightly increased, indicating continued engagement with NCDEQ staff.

An annual review of program processes, forms, and effectiveness was completed in March 2026, with updates documented in the respective program documents. The informal inspection template was revised to incorporate new program language addressing TMDLs and non-exposure inspections, and corresponding updates were made to applicable SOPs and program documents.

A self-audit was completed in May 2026 and identified the need to incorporate new NPDES MS4 permit language expanding the Industrial Inspections Inventory to include pollutants of concern, impaired watersheds, and discharge points for all facilities. These updates have been completed and will be incorporated into the annual inventory update process. The self-audit identified no gaps in overall program compliance.



Section I: Water Quality Assessment and Monitoring

I.1 Program Narrative

The City has developed and implemented a Water Quality Assessment and Monitoring Plan that identifies monitoring locations, a monitoring schedule, monitoring parameters, sample data analysis, and data evaluation and assessment.

I.2 Best Management Practices

Table I-1 includes a brief description of the Water Quality Assessment and Monitoring best management practices required by the MS4 permit, the planned actions for the current and future fiscal years as described in the SWMP, the annual reporting metrics identified in the SWMP, and the actual metrics for actions completed during this reporting year.

Table I-1: Water Quality Assessment and Monitoring Metrics and Results

Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section I.2 (a) Water Quality Assessment and Monitoring Plan	Review annually the Water Quality Assessment and Monitoring Plan and update, as needed. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Review annually the Water Quality Assessment and Monitoring Plan and update as needed. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Report updates and revisions to the Water Quality Assessment and Monitoring Plan and the date submitted to DEQ, if applicable	Updated to include the calculation turbidity. Submitted updated plan to NCDEQ on 5/13/26.
Part II Section I.2 (b) Water quality monitoring	Conduct water quality monitoring and data evaluation as documented in the Water	Conduct water quality monitoring and data evaluation, as documented in the Water	Report number of stream sites monitored	18



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
	Quality Assessment and Monitoring Plan.	Quality Assessment and Monitoring Plan.	Report number of samples collected	662
	Provide the current Water Quality Assessment and Monitoring Plan to DEQ, if revised.	Provide the current Water Quality Assessment and Monitoring Plan to DEQ, if revised.	Report parameters analyzed	Total suspended solids, ammonia, total Kjeldahl nitrogen, nitrate/nitrite, total nitrogen (sum of TKN and NO3/NO2, not collected in the field), calcium, copper, magnesium, total phosphorus, zinc, total hardness, turbidity, E. coli
	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.	Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.		

I.3: Program Assessment

The Water Quality Assessment and Monitoring Program continues to fulfill permit requirements and identify opportunities for future program enhancement. Water Quality staff reviewed and updated the Assessment and Monitoring Plan on March 6, 2026, and submitted the revised Plan to NCDEQ on May 13, 2026. The revisions included specification of the calculation method for total hardness. During an internal self-audit in June 2025, program elements were further evaluated, and no compliance gaps were found.

Staff conducted ambient water quality monitoring at Raleigh's 18 long-term monitoring stations in accordance with the schedule established in the Assessment and Monitoring Plan. During the reporting period, 662 samples were collected during three scheduled sampling events. This total includes 14 additional investigation samples collected in response to atypical results outside the expected range identified through routine data review. The total number of samples collected during this reporting period is lower than in previous reporting years due to the shorter reporting period and the omission of one scheduled sampling event. The reduced sample count reflects the reporting period and does not represent a change to the established monitoring program. Additionally, staff are implementing a data management system to support standardized data management, analysis, visualization, and quality review for the Surface Water Quality Monitoring Program. The system is anticipated to be implemented during the next permit cycle.

While Crabtree Creek and Little Brier Creek have previously reported higher turbidity values when compared with other stations; no samples exceeded North Carolina's surface water quality standard for turbidity (50 NTU) for this reporting cycle. When evaluating all monitoring stations for long-term patterns in turbidity (monitoring data from the last 5 years), neither a statistically significant increasing nor decreasing trend was detected. Soil erosion can be a major contributor of turbidity and phosphorus to streams, and data from the City's monitoring stations in Crabtree Creek and Little Brier Creek continue to indicate higher concentrations of total phosphorus (TP) relative to other monitoring stations. The City is currently partnering on a multi-year City-wide study with the US Geological Survey (USGS) to assess streambank condition and model streambank erosion to help identify opportunities for streambank repair and restoration as part of its capital improvement program.



All pH values for this and last reporting period fell within the acceptable range of 6.0 – 9.0 per the NC surface water quality standard. The following monitoring sites displayed an upward trend in pH values when staff evaluated data over five years for statistically significant trends: *Beaverdam Branch, House Creek, Mine Creek, Richland Creek, Sycamore Creek, and Turkey Creek*.

Three sites reported dissolved oxygen values lower than the NC minimum standard of 4.0 mg/L. These results were collected on June 2, 2026 during extreme drought conditions and low flow conditions which likely contributed to the low results; Turkey Creek, Big Branch South, and Little Brier Creek all reported low dissolved oxygen in June 2026.

North Carolina does not currently have a regulatory standard, stream standard, or health advisory standard for *E. coli*, which the City collects and analyzes per its approved plan. North Carolina has a fecal coliform stream standard which requires multiple fecal coliform sampling events to determine a waterbody's water quality over an extended period of time (e.g., month). The City's Pigeon House Branch has an assigned TMDL for fecal coliform bacteria. The City continues to tailor strategies and best practices to address pollutants of concern through its TMDL implementation plans, including increased permit compliance activities and above and beyond efforts such as conducting watershed studies.

Staff assessment of data has determined that Pigeon House Branch and Rocky Branch consistently have the highest total nitrogen (TN) values among the eighteen monitoring stations (TN is calculated by staff summing analyzed nitrogen species, including total Kjeldahl nitrogen (TKN), nitrite (NO_2^-), and nitrate (NO_3^-), rather than being analyzed in a lab). This finding aligns with staff assessments from the 2024-2025 reporting period. However, no statistically significant increasing trends in total nitrogen were observed over a five-year period for any monitoring station. All monitoring stations are located within the Neuse River Basin which is subject to the Neuse River Rules aimed at reducing TN levels.

Section J: Total Maximum Daily Loads

J.1 Program Narrative

The following TMDLs within Raleigh's MS4 service area (corporate limits of the City of Raleigh) are noted in Section 2.5 and Table 2 of the SWMP:

- Falls Lake
- Neuse River Estuary
- Pigeon House Branch
- Perry Creek

The Falls Lake and Neuse River Estuary are managed through 4B Management Plans approved by the EPA and overseen by the North Carolina Department of Environmental Quality (NCDEQ). The City is addressing the requirements of the 4B Management Plan through its implementation of the Nutrient Sensitive Waters Management Strategy and City ordinances adopted as required by State of North Carolina Neuse Nutrient Strategy Rules.



The EPA has assigned TMDLs to Pigeon House Branch for impairment of copper and fecal coliform, and to Perry Creek for impairment of biological integrity. The City of Raleigh has not been assigned a specific numerical Waste Load Allocations (WLA) for these respective pollutants of concern. Per Part II.J.4, the City has developed TMDL Implementation Plans for both watersheds to document strategies that tailor or expand BMPs to address the pollutants of concern.

J.2 Best Management Practices

Table J-1 includes a brief description of the best management practices required by the MS4 permit, the planned actions for the current and future fiscal years as described in the SWMP, the annual reporting metrics identified in the SWMP, and the actual metrics for actions completed during this reporting year.

Table J-1: TMDL Metrics and Results

Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section J.3 (a) Identify, describe, and map watershed, outfalls, and streams	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City, evaluate strategies and tailor SWMP BMPs to address the pollutants of concern and associated TMDLs and develop a TMDL Plan.	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City MS4, evaluate strategies and tailor SWMP BMPs to address the pollutants of concern and associated TMDLs and develop a TMDL Plan.	Report TMDLs with WLAs within the MS4	N/A
			Report changes in outfall inventory that may be contributing to impairment of identified streams	N/A



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section J.3 (b) Evaluate existing measures	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City, establish measures for identifying and reducing pollutants of concern to the MEP.	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City MS4, establish measures for identifying and reducing pollutants of concern to the MEP.	N/A, Report pollutants of concern and measures taken for reduction	N/A
Part II Section J.3 (c) Assessment of available monitoring data	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City, review and assess monitoring data.	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City MS4, review and assess monitoring data.	N/A, Report monitoring data summary and data trends	N/A
Part II Section J.3 (d) Monitoring Plan	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City, develop TMDL monitoring plan for applicable assigned NPDES regulated WLA.	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City MS4, develop TMDL monitoring plan for applicable assigned NPDES regulated WLA.	N/A, Report updates to monitoring plan	N/A



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section J.3 (e) Additional Measures	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City, establish programs and measures to be implemented within the City's MS4 permit program that are designed to achieve the assigned MS4 NPDES regulated WLA and to reduce the TMDL pollutant of concern to the MEP within the watershed to which the TMDL applies.	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City MS4, establish programs and measures to be implemented within the City's MS4 permit program that are designed to achieve the assigned MS4 NPDES regulated WLA and to reduce the TMDL pollutant of concern to the MEP within the watershed to which the TMDL applies.	N/A, Report additional measures taken	N/A
Part II Section J.3 (f) Implementation Plan	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City, establish a schedule to address the NPDES WLA pollutant of concerns	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City MS4, establish a schedule to address the NPDES WLA pollutant of concerns	N/A, Report achievement of schedule milestones	N/A



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
Part II Section J.3 (g) Incremental Success	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City, track successes per the plan. Review and update as needed	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City MS4, track successes per the plan. Review and update as needed	N/A, Report successes	N/A
Part II Section J.3 (h) Reporting	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City, prepare an assessment of activities and data analysis for the TMDL watershed plan	Continue to monitor TMDL development. If a TMDL is developed that assigns an individual numeric WLA to the City MS4, prepare an assessment of activities and data analysis for the TMDL watershed plan	N/A, Report annual assessment outcomes	N/A
Part II Section J.4. If no MS4 NPDES regulated waste load allocation (WLA) is specified in the TMDL	Develop Watershed Action Plans for Pigeon House Branch and Perry Creek that include strategies and tailor BMPs to address the	Complete development of Watershed Action Plans for Pigeon House Branch and Perry Creek that include strategies	Report the development/maintenance of the Watershed Action Plans and modifications, if necessary	TMDL plans for Pigeon House Branch and Perry Creek watershed were reviewed and updated June, 2026



Permit Reference/BMP	FY2025	FY2026	Reporting Metric(s)	2025-2026 Results
	<p>POC in the watersheds.</p> <p>Implement the Watershed Action Plans.</p> <p>Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>and tailor BMPs to address the POC in the watersheds.</p> <p>Implement the Watershed Action Plans.</p> <p>Coordinate with the Department of Water Resources to integrate the Pigeon House Branch and Perry Creek Watershed Action Plans into the DEQ StoryMap format, as staff and resources are available within DEQ. Evaluate the program effectiveness annually and notify the Water Quality Manager of program modifications.</p>	<p>Report BMPs implemented</p>	<p>Implemented strategies and tailored BMPs that are detailed in each respective TMDL Implementation Plan. These plans are available upon request.</p> <p>As noted in previous annual reports, City staff have corresponded with NCDEQ DWR staff and determined that integrating the TMDL plans into StoryMap will not move forward.</p>

J.3 Program Assessment

Staff continued to effectively meet all Total Maximum Daily Load (TMDL) permit requirements during the reporting year. The City has developed TMDL Implementation Plans for Pigeon House Branch and Perry Creek that identify and evaluate strategies to tailor or expand Best Management Practices (BMPs) within the six Minimum Control Measures (MCMs). Implementation of these strategies began in October 2024. Because no specific Waste Load Allocation (WLA) has been assigned to the City, the City is focusing on watershed-specific tailored strategies and additional measures identified in each TMDL Implementation Plan rather than developing individual Watershed Action Plans (WAPs).



During the reporting year, staff implemented and tracked the tailored strategies and BMPs identified in Table 6-2 of each TMDL Implementation Plan. In June 2026, staff completed annual reviews of the plans and conducted program-specific check-in meetings to evaluate the feasibility and effectiveness of the identified measures and determine whether adjustments were needed. No significant changes were identified as necessary; however, staff continued to expand existing strategies that would strengthen protections and requirements within sensitive watersheds.

Section K: Annual Assessment and Annual Summary

This section assesses overall compliance with the permit during the 2025-2026 reporting period and documents identified program improvements or changes that will be implemented in 2026-2027, including the drafting of a new SWMP as required to meet the new permit requirements.

K.1 Assessment

During the 2025–2026 reporting period, City staff continued to meet the requirements of the City's NPDES MS4 permit while implementing enhancements to several program components. Despite the abbreviated reporting period, all six MCMs continued to meet key program metrics and permit requirements.

In May 2026, staff completed a comprehensive self-audit using the NCDEQ Self-Audit template, which was enhanced to include a review of the City's TMDL program. Staff also developed a self-audit report and executive summary for review by City management and staff. The audit included a review of all MS4 programs and eight site visits and confirmed that the City is meeting or exceeding all applicable permit requirements.

The annual program assessment was completed as part of this Annual Report and included a review of program metrics, effectiveness, and opportunities for continuous improvement. Key findings and planned improvements identified through these assessments are summarized at the end of each applicable section of this report.

K.2 Program Improvements

Following the May 2026 self-audit, the SWMP was reviewed and no updates were required. Significant changes to program strategies and reporting metrics were not necessary, as anticipated changes associated with the new NPDES MS4 permit are being incorporated into the new SWMP. The current SWMP continued to provide an effective mechanism for tracking required activities and program metrics throughout the reporting period. The updated SWMP was signed by the Stormwater Program Manager in August 2026, and the changes did not require submittal to NCDEQ. The current version of the City's SWMP is posted on the Stormwater website.



A concise assessment of each MCM, as required by the SWMP, is included in the corresponding section of this Annual Report. These assessments evaluate program performance, key metrics, compliance, and opportunities for continuous improvement. Despite the abbreviated nine-month reporting period, all MCMs continued to meet key permit requirements, with several programs demonstrating increased participation, improved compliance, or expanded program capabilities.

Notable improvements during the reporting period included increased school engagement and participation in volunteer programs, continued timely resolution of IDDE issues, expanded use of targeted construction and SCM enforcement and maintenance strategies, continued coordination with NCDEQ for industrial facility inspection, and updates to several program plans and program SOPs. Collectively, these efforts demonstrate the City's continued focus on effective permit implementation and continuous improvement.

The City completed its annual review of all legal authorities and determined that they remain sufficient to meet current permit requirements. No changes to the City's legal authorities occurred during the reporting year; however, staff are developing updates to address requirements under the new permit language. Enforcement actions within the Illicit Discharge Detection and Elimination, Construction Site Runoff Control, and Post-Construction Site Runoff Control programs continue to be effective in achieving compliance with applicable permit requirements, the UDO, and municipal code.

K.3 2025-2026 Program Initiatives

The next reporting year will bring several significant changes to the City of Raleigh Stormwater Program. The City's new NPDES MS4 permit became effective July 1, 2026, initiating the transition to updated program requirements. Additionally, effective July 1, 2026, Raleigh Stormwater merged with Raleigh Water, creating opportunities for greater coordination among workgroups and facilities while further strengthening citywide permit compliance efforts.

As required by the new permit, the City will develop and submit a revised SWMP to NCDEQ for review within 12 months of the permit's effective date. Following approval, program plans and supporting procedures across the MCMs will be updated to align with the new permit requirements. Stormwater staff will continue working with a consulting firm to support development of the revised SWMP and associated program updates. The City will also continue collaborating with other MS4 communities across North Carolina to share resources, lessons learned, and effective strategies for improving stormwater management and program implementation.