CITY OF SOUTHSIDE

MS4 Annual Report

April 1, 2025 - March 31, 2026

Prepared By
S&ME, Inc.

May 29, 2026

City of Southside
2255 Highway 77
Southside, Alabama 35907

Attention: Mayor Dana Snyder

Reference: **Annual Report: April 1, 2025 to March 31, 2026**
Southside MS4
Southside, Etowah County, Alabama
S&ME Project No. 24820156E
NPDES Permit No. ALR040057

Dear Mayor Snyder:

S&ME has prepared the attached Annual Report for the Gadsden-Etowah Phase II Small Municipal Separate Storm Sewer System in accordance with S&ME Proposal No. 25820137E dated October 29, 2025. The Annual Report covers the April 1, 2025 to March 31, 2026 reporting period.

S&ME appreciates the opportunity to provide our services to the City of Southside. Should you have questions concerning this report, or if additional information is required, please contact the undersigned.

Sincerely,

S&ME, Inc.

Emily Jo Kennedy
Project Manager

Deborah J. Jones, P.E.
Senior Engineer

Table of Contents

1.0 Introduction 1
1.1 Gadsden, Alabama Urbanized Area 1
1.2 Permit History 1
1.3 Storm Sewer System 2
1.4 Southside MS4 Area 2
1.4.1 Hydrologic Units in the Urbanized Area 2
1.5 Responsible Party 3
1.6 Annual Report Components 3
2.0 Contacts List 5
3.0 Evaluation of Water Quality Concerns 6
3.1.1 Impaired Waterbodies Within the MS4 6
3.1.2 Impaired Waterbodies Adjacent to the MS4 6
3.1.3 Neely Henry Lake TMDL 7
4.0 Overall Program Evaluation 8
4.1 Major Accomplishments 8
4.2 Overall Programs Strengths and Weaknesses 8
4.3 Future Direction of the Program 9
4.4 Overall Effectiveness of the SWMPP 9
4.5 Measurable Goals Not Performed 9
5.0 Storm Water Monitoring Data Evaluation 9
5.1 Rationale Statement 9
5.2 Monitoring Events 10
5.3 Addition and Removal of Monitoring Points 12
5.4 Additional Parameters 12
5.5 Statistical Analysis 12
5.5.1 Approach to Statistical Analysis 12
5.5.2 Change in Concentration Over Time 13

5.5.3 Statistically Significant Increases 13
5.6 Evaluation of Monitoring Results 14
5.6.1 Monitoring Points SME 4, SME 5, and SME 6 14
5.6.2 Monitoring Points AT 5 and SME 7 15
5.6.3 Monitoring Point SME 1 16
5.6.4 Monitoring Point SS 14 17
5.6.5 Monitoring Point SS 13 18
5.6.6 Monitoring Point RC 14 19
5.6.7 Total Suspended Solids 20
5.7 Summary of Recommendations 21
6.0 Report of Minimum Storm Water Control Measures 23
6.1 Public Education and Public Involvement on Storm Water Impacts 23
6.1.1 Implementation Status 23
6.1.2 Proposed Activities for the April 1, 2026 to March 31, 2027 Reporting Period 23
6.1.3 Assessment of Controls 23
6.1.4 Proposed Changes 24
6.1.5 Responsible Parties 24
6.2 Illicit Discharge Detection and Elimination 29
6.2.1 Implementation Status 29
6.2.2 Proposed Activities for the April 1, 2026 to March 31, 2027 Reporting Period 29
6.2.3 Assessment of Control 29
6.2.4 Proposed Changes 29
6.2.5 Responsible Party 29
6.3 Construction Site Storm Water Runoff 35
6.3.1 Implementation Status 35
6.3.2 Proposed Activities for the April 1, 2026 to March 31, 2027 Reporting Period 35
6.3.3 Assessment of Controls 35
6.3.4 Proposed Changes 35
6.3.5 Responsible Party 35

6.4 Post-Construction Storm Water Management in New Development and Redevelopment 39
6.4.1 Implementation Status 39
6.4.2 Proposed Activities for the April 1, 2026 to March 31, 2027 Reporting Period 39
6.4.3 Assessment of Control 39
6.4.4 Proposed Changes 39
6.4.5 Responsible Party 39
6.5 Pollution Prevention and Good Housekeeping for Municipal Operations 42
6.5.1 Implementation Status 42
6.5.2 Proposed Activities for the April 1, 2026 to March 31, 2027 Reporting Period 42
6.5.3 Assessment of Control 42
6.5.4 Proposed Changes 42
6.5.5 Responsible Party 42
7.0 Notice of Reliance 47
7.1 Steering Committee 47
8.0 Agency Certification 48

List of Tables

Table 1-1 Hydrologic Hierarchy 3
Table 1-2 Watersheds in the MS4 Area 3
Table 1-3 Subwatersheds in the Southside MS4 Area 3
Table 3-1 Impaired Waterbodies Adjacent to the MS4 6
Table 5-1 Monitoring Events to Date 10
Table 5-2 Summary of Results of Slope Analysis 13
Table 5-3 Summary of Results of SSIs 13
Table 6-1 Control Measure 1 - Public Education and Involvement 25
Table 6-2 Control Measure 2 - Illicit Discharge Detection and Elimination 30
Table 6-3 Control Measure 3 - Construction Storm Water 36
Table 6-4 Control Measure 4 - Post-Construction Storm Water 40
Table 6-5 Control Measure 5 - Pollution Prevention and Good Housekeeping 43
Table 7-1 Gadsden-Etowah Storm Water Steering Committee 47

Appendices

Appendix A – Figures
Appendix B – Charts and Statistics
Appendix C – Monitoring Reports
Appendix D – Public Education and Involvement
Appendix E - Illicit Discharge Detection and Elimination
Appendix F – Construction Site Storm Water Runoff
Appendix G – Post-Construction Storm Water Management
Appendix H – Pollution Prevention for Municipal Operations

1.0 Introduction

S&ME, Inc. has prepared this Annual Report for the Southside, Alabama Urbanized Area Phase II Small Municipal Separate Storm Sewer System in accordance with S&ME Proposal No. 25820137E, dated October 29, 2025.

The Annual Report is required by Part VI of the Alabama Department of Environmental Management (ADEM) National Pollutant Discharge Elimination System (NPDES) General Permit ALR040000 for discharges from regulated small municipal separate storm sewer systems (MS4).

1.1 Gadsden, Alabama Urbanized Area

The Storm Water Phase II Final Rule issued by the United States Environmental Protection Agency (USEPA) in 1999 required nationwide coverage of all operators of small MS4s located within the boundaries of an "urbanized area" as defined by the latest decennial Census. Based on the results of the 2010 census, the Bureau of the Census designated the *Gadsden, Alabama Urbanized Area* to include the City of Attalla, the City of Gadsden, the City of Glencoe, the City of Hokes Bluff, City of Rainbow City, the City of Southside, and portions of unincorporated Etowah County.

In March 2022, the Bureau of the Census discontinued the practice of defining "urbanized areas." On June 7, 2023, USEPA issued a final rule clarifying the designation criteria for small MS4s. The rule replaced the term "urbanized area" in the Phase II regulations with the phrase "urban areas with a population of at least 50,000" to assist in identifying new MS4s. In December 2023, revised maps showing the 2020 urban area boundaries were released; however, ADEM has not provided guidance on the application of the 2020 maps in determining boundaries of existing MS4s. As a result, revised MS4 boundaries based on the 2020 Census were not available during the April 1, 2024 to March 31, 2025 reporting period.

A map outlining the approximate boundary of the 2010 *Gadsden, Alabama Urbanized Area* is included in **Appendix A** as **Figure 1**.

1.2 Permit History

The City of Attalla, the City of Gadsden, the City of Glencoe, the City of Hokes Bluff, City of Rainbow City, the City of Southside, and Etowah County initially applied for and received a NPDES MS4 Phase II General Permit from ADEM in 2003, with the seven entities as co-permittees under authorization number ALR040009. The five-year permit expired on March 9, 2008. A Notice of Intent for renewal of the permit was submitted 180 days prior to expiration and permit coverage was administratively continued until the re-issuance of the MS4 Phase II General Permit with an effective date of February 1, 2011.

The 2011 permit expired on February 1, 2016. A Notice of Intent for renewal of the permit was submitted by each entity 180 days prior to expiration; therefore, the permit coverage was extended until the re-issuance of the MS4 Phase II General Permit in September. To assist in compliance tracking, the Gadsden-Etowah MS4 entities were each issued a separate permit, although the entities agreed to continue under a joint SWMPP and monitoring

plan. The City of Southside MS4 was authorized to discharge under authorization number ALR040057 with an effective date of October 1, 2016.

The 2016 permit expired on September 30, 2021. A Notice of Intent for renewal of the permit was submitted 180 days prior to expiration, and the MS4 Phase II General Permit was re-issued with an effective date of October 1, 2021. The current permit will expire on September 30, 2026. Under the new permitting system, the City of Southside was required to prepare a separate SWMPP detailing the individual actions taken by the City to comply with the 2021 permit, as well as the joint activities shared with the remaining Gadsden-Etowah MS4 entities.

A copy of the NPDES General Permit is included in the 2025 SWMPP.

1.3 Storm Sewer System

A Municipal Separate Storm Sewer System (MS4) is defined by 40 CFR Part 122.26(b)(8) to be a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) that is:

(i) Owned or operated by a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the CWA that discharges to waters of the United States;

(ii) Designed or used for collecting or conveying storm water;

(iii) Not a combined sewer; and,

(iv) Not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2.

1.4 Southside MS4 Area

The City of Southside Municipal Separate Storm Sewer System (Southside MS4) is defined as the area within both the city limits and the urbanized area boundary. As defined by the 2010 Census, the *Gadsden, Alabama Urbanized Area* encompasses approximately 74.8 square miles. The Southside MS4 comprises approximately 9.9 square miles (13.2%) of the 2010 *Gadsden, Alabama Urbanized Area*. Approximately 52% of the city is located within the MS4 boundary. A map depicting the City of Southside's urbanized area and city limits is located in **Appendix A** as **Figure 2**.

1.4.1 Hydrologic Units in the Urbanized Area

Neely Henry Lake (Coosa River) is the primary receiving water for the Southside MS4. Hydrologic Hierarchy, Watersheds, and Subwatersheds are provided in the tables below.

Table 1-1 Hydrologic Hierarchy

Type	Code	Name
REGION	03	South Atlantic-Gulf
SUBREGION	03-15	Alabama River Basin
BASIN	0315-01	Coosa-Tallapoosa: Above the confluence of and including the Coosa and Tallapoosa River Basins
SUBBASIN	031501-06	Middle Coosa

Table 1-2 Watersheds in the MS4 Area

Watershed	10 Digit HUC
Big Canoe Creek-Coosa River	03150106-03

Table 1-3 Subwatersheds in the Southside MS4 Area

Subwatershed	12 Digit HUC	Area within Southside MS4 (Acres)
Coosa River – H. Neely Henry Lake	03150106-03-09	6,336

A map showing the HUC12 subwatersheds in relation to the Southside MS4 boundary is included in the 2025 SWMPP.

1.5 Responsible Party

The **Building Inspector** is responsible for the coordination and implementation of the Storm Water Management Program Plan. Coordination between City departments is established in each section of the SWMPP.

The **Storm Water Steering Committee** is responsible for the implementation of the monitoring plan.

1.6 Annual Report Components

Part IV of the NPDES General Permit requires that the Southside MS4 prepare and submit annual reports to the ADEM each year by May 31. The Annual Report must cover the year prior to the submittal date (April 1 through March 31) and is required to include the following:

1. Contacts and responsible parties who had input to and are responsible for the preparation of the annual report

2. Overall evaluation of the SWMPP developments and progress on the following:
    a. Major accomplishments
    b. Overall program strengths/weaknesses
    c. Future direction of the program
    d. Overall determination of the effectiveness of the SWMPP considering water quality/watershed improvements
    e. Measurable goals that were not performed and reasons why the goals were not accomplished
    f. Evaluation of the monitoring data

3. A narrative report of all minimum storm water control measures referenced in the permit to include the following:
    a. Minimum control measures completed and in progress
    b. Assessment of the controls
    c. Discussion of proposed BMP revisions or any identified measurable goals that apply to the minimum storm water control measures

4. Summary table of the storm water controls that are planned/scheduled for the next reporting cycle

5. Results of information collected and analyzed during the reporting period including monitoring data used to assess the success of the program at reducing the discharge of pollutants to the Maximum Extent Practical (MEP)

6. Notice of reliance on another entity to satisfy some of your permit obligations

7. Results of the evaluation to determine whether discharges from any part of the MS4 contributes directly or indirectly to a waterbody that is included on the latest 303(d) list or for which a TMDL has been established or approved by EPA

8. All monitoring results collected during the reporting period

This Annual Report covers activities performed during the April 1, 2025 to March 31, 2026 reporting period under the SWMPP dated February 2025.

2.0 Contacts List

Reference Part VI.B.1

Part VI.B.1 of the NPDES Permit requires that the City of Southside provide a list of contacts and responsible parties involved in the preparation of the Annual Report. The following personnel were directly responsible for the preparation of the 2024-2025 Annual Report:

Mr. Jason Rose
License Inspector, Building Department
City of Southside
2255 Highway 77
Southside, AL 35907
256-442-9775
jasonrose@cityofsouthside.com

Mr. Judd Rich
Building Inspector, Building Department
City of Southside
2255 Highway 77
Southside, AL 35907
256-442-9775
juddrich@cityofsouthside.com

Ms. Emily Jo Kennedy
Consultant
S&ME, Inc.
360D Quality Circle NW, Suite 450
Huntsville, Alabama 35806
256-837-8882
ekennedy@smeinc.com

Ms. Carley Crowden
Consultant
S&ME, Inc.
360D Quality Circle NW, Suite 450
Huntsville, Alabama 35806
256-837-8882
carleycrowden@smeinc.com

Questions concerning the 2025-2026 Annual Report should be directed to the **Building Inspector**.

3.0 Evaluation of Water Quality Concerns

Reference Part VI.B.7

Section 303(d) of the Clean Water Act (CWA), as amended by the Water Quality Act of 1987, and EPA's Water Quality Planning and Management Regulations (40CFR130) require states to identify waterbodies not in compliance with the water quality standards applicable to their designated use classifications. The identified waters are prioritized based on severity of the pollution. Section 303(d) then requires that total maximum daily loads (TMDLs) be determined for all pollutants causing violation of applicable water quality standards in each identified segment. The TMDL process establishes the allowable loading of pollutants, or other quantifiable parameters for a waterbody, based on the relationship between pollution sources and in-stream water quality conditions.

A map showing the impaired waterbodies and watersheds in relation to the Southside MS4 is provided in **Appendix A** as **Figure 3**.

3.1.1 Impaired Waterbodies Within the MS4

There are no impaired waterbodies within the Southside MS4 boundary.

3.1.2 Impaired Waterbodies Adjacent to the MS4

Approximately 12 miles of the Southside MS4 boundary border Neely Henry Lake. The MS4 discharges to the lake directly via sheet flow and ditches and indirectly via five unnamed tributaries.

Table 3-1 Impaired Waterbodies Adjacent to the MS4

Waterbody	Impaired Segment	Type	Causes	Use
Coosa River (Neely Henry Lake)	AL03150106-0309-101	TMDL (2008)	Nutrients Organic enrichment (CBOD, NBOD) pH	Swimming F&W
Coosa River (Neely Henry Lake)	AL03150106-0309-102	TMDL (2008)	Nutrients Organic enrichment (CBOD, NBOD) pH	F&W
Greens Creek Embayment (Neely Henry Lake)	AL03150106-0309-311	TMDL (2008)	Nutrients Organic enrichment (CBOD, NBOD) pH	Swimming F&W

3.1.3 Neely Henry Lake TMDL

In 2008, the EPA approved TMDLs for Neely Henry Lake related to Nutrients (Total Phosphorous), pH, and Organic Enrichment/Dissolved Oxygen. The Southside MS4 directly and indirectly discharges to Neely Henry Lake; therefore, **the Southside MS4 is required to achieve a 30% reduction in Total Phosphorus discharge loading**.

Sources of nutrient and organic enrichment from non-point sources within the Coosa River watershed include:

- Runoff from pastures
- Runoff from animal operations
- Direct discharge to streams due to cattle
- Improper land application of animal waste
- Failing septic systems
- Urban runoff

Point source contributors of storm water pollution within the Coosa River watershed include:

- Discharge from wastewater treatment plants
- Discharge from industrial operations

Part IV.D of the NPDES General Permit requires that the City implement Best Management Practices (BMPs) and control measures specifically targeted to achieve the waste load allocations prescribed in the TMDL. The City must also implement a monitoring program to document that the waste load allocations prescribed in the TMDL are being achieved.

4.0 Overall Program Evaluation

Reference Part VI.B.2

4.1 Major Accomplishments

During the 2025-2026 reporting period, the City completed 82 out of 84 planned strategies. The number of completed activities (82) demonstrates the City's commitment to implement the SWMPP and Phase II Permit.

1. Continued improving the cardboard recycling program

During the 2023-2024 reporting period, the City received an ADEM grant to purchase eight trailers to collect cardboard for recycling and partnered with Rainbow City for the removal and return of the recycling trailers. During the previous reporting period, the City received a second ADEM grant to purchase a bailer. During the 2025-2026 reporting period, the City purchased this bailer and no longer needs to rely on Rainbow City for bailing services.

The purchase of the bailer allows the City to collect and process significantly more material.

2. Hosted three community cleanup days

The City hosted three cleanup days during the 2025-2026 reporting period. The 2025 Great American Cleanup Day was held on May 31, 2025, the City's 4th Annual City-Wide Clean Up event was held on March 6, 2026, and *Renew our Rivers* was held on September 25, 2025. A total of 3 volunteers and 45 City employees participated in the three events.

3. Implementation of the SWMPP wet-weather monitoring program

In August 2024, the EPA approved TMDLs related to E. coli for two segments of Big Wills Creek and four tributaries to Big Wills Creek. Although the Southside MS4 does not discharge to Big Wills Creek, the City partners with the surrounding municipalities to perform watershed monitoring under a joint monitoring program. In response to the issuance of the new TMDLs, the Southside MS4 SWMPP was revised to include the 2025 *Etowah Monitoring Partnership Wet Weather Monitoring Program*.

4.2 Overall Programs Strengths and Weaknesses

The City continues to evaluate the processes and procedures in which it accomplishes the objectives of the SWMPP. Their strengths and weaknesses remain very similar to past years.

One of the City's strengths is the public response to the annual cleanup days. The events provide an opportunity for students, families, businesses, and service organizations to get involved and contribute their community. The cleanup days are usually well-attended and are an excellent opportunity to provide education on litter impacts in local waterbodies.

The main weakness of the program is the small number of municipal staff that can be dedicated exclusively to the performance of the duties required by the Phase II Permit. The City does not have an Engineering Department to assist with the storm water program responsibilities; the program duties are managed by the License Inspector, under the supervision of the Building Inspector. The City does not currently have the ability to expand the Building Department for the storm water program; therefore, this weakness is expected to remain for several years.

4.3 Future Direction of the Program

During the upcoming reporting period, the City will work to improve and advertise the City recycling program to reduce litter and improper disposal.

The City will also continue to expand their public education program by promoting educational materials using the City's main Facebook page. The main Facebook page has approximately 9,400 followers and high engagement, whereas the stormwater Facebook page has only 108 followers and very little engagement. During the 2025-2026 reporting period, the City will utilize the main Facebook page to share posts from the stormwater page to reach a wider audience.

4.4 Overall Effectiveness of the SWMPP

The City of Southside is proud of their efforts to achieve the objectives of the SWMPP. Based on this evaluation, the 2025 SWMPP appears to be effective in meeting the objectives and requirements of the 2021 Phase II Permit.

4.5 Measurable Goals Not Performed

The City did not post a link to the 2025 SWMPP on the City's stormwater webpage. (CM1, Strategy 8)

Although the City donated funds to support the *Etowah County Water Festival*, City personnel did not participate in the festival and the festival was not promoted by the City. (CM1, Strategy 14)

5.0 Storm Water Monitoring Data Evaluation

Reference Part VI.B.5 and 8

5.1 Rationale Statement

As discussed in Section 3.0, the Southside MS4 currently discharges to an impaired waterbodies for which a TMDL has been approved. Part V.A of the 2021 MS4 Permit requires that the SWMPP include a monitoring plan to assess the effectiveness of the BMPs in achieving the waste load reductions/allocations outlined in the TMDL.

The intent of the monitoring program is to evaluate the effectiveness of the City's BMPs in achieving the required phosphorous reduction as established in the TMDL and to generally evaluate overall water quality. Where deviations are documented and/or expected, the collected monitoring data will be used to determine the extent and cause of the pollutant of concern.

The 2025 *Etowah Monitoring Partnership Wet Weather Monitoring Program* is included as Appendix C of the SWMPP dated February 2025. The program details monitoring parameters, monitoring locations, field documentation, and sampling procedures.

5.2 Monitoring Events

Beginning in January 2013, S&ME was retained by the Gadsden-Etowah Storm Water Steering Committee to collect the required quarterly surface water samples and provide analyses of the sampling events. On March 24, 2015, the cities of Attalla, Gadsden, Glencoe, Hokes Bluff, Rainbow City, and Southside and Etowah County entered into a Cooperative Agreement to jointly perform the quarterly monitoring.

Beginning in October 2023, the City of Gadsden elected to separate from the joint monitoring agreement and perform their own monitoring. The cities of Attalla, Glencoe, Hokes Bluff, Rainbow City, and Southside and Etowah County have continued to jointly perform the quarterly wet-weather monitoring. Monitoring events conducted since October 2023 do not include monitoring points CO 15, GD 6, GD 7, GD 8, or GD 9.

Table 5-1 Monitoring Events to Date

MS4 Reporting Period	Monitoring Event	Date(s) Monitoring Conducted
April 1, 2012 – March 31, 2013	2013 Q1	March 12 & 13, 2013
April 1, 2013 – March 31, 2014	2013 Q2	May 8 & 20, 2013
	2013 Q3	September 23, 2013
	2013 Q4	December 10, 2013
	2014 Q1	February 6, 2014
April 1, 2014 – March 31, 2015	2014 Q2	June 26, 2014
	2014 Q3	September 30, 2014
	2014 Q4	November 19, 2014
	2015 Q1	March 23, 2015
April 1, 2015 – March 31, 2016	2015 Q2	April 22, 2015
	2015 Q3	September 30, 2015
	2015 Q4	November 19, 2015
	2016 Q1	March 15, 2016
April 1, 2016 – March 31, 2017	2016 Q2	June 29, 2016
	2016 Q3	August 9, 2016
	2016 Q4	December 7, 2016
	2017 Q1	March 2, 2017
April 1, 2017 – March 31, 2018	2017 Q2	June 21, 29, 30 and July 5, 2017
	2017 Q3	August 16-17, 2017

MS4 Reporting Period	Monitoring Event	Date(s) Monitoring Conducted
	2017 Q4	October 25-26, 2017
	2018 Q1	March 27-28, 2018
April 1, 2018 – March 31, 2019	2018 Q2	June 26 and 29, 2018
	2018 Q3	August 1-2, 2018
	2018 Q4	December 10-11, 2018
	2019 Q1	April 15 and 17, 2019
April 1, 2019 – March 31, 2020	2019 Q2	June 11-12, 2019
	2019 Q3	August 27-28, 2019
	2019 Q4	October 29-30, 2019
	2020 Q1	March 30-31, 2020
April 1, 2020 – March 31, 2021	2020 Q2	June 10, 2020
	2020 Q3	September 21, 2020
	2020 Q4	December 17, 2020
	2021 Q1	March 18, 2021
April 1, 2021 – March 31, 2022	2021 Q2	May 5, 2021
	2021 Q3	September 2, 2021
	2021 Q4	November 23, 2021
	2022 Q1	January 10-11, 2022
April 1, 2022 – March 31, 2023	2022 Q2	April 7, 2022
	2022 Q3	August 2-3, 2022
	2022 Q4	November 16, 2022
	2023 Q1	February 13-14, 2023
April 1, 2023 – March 31, 2024	2023 Q2	May 24-25, 2023
	2023 Q3	August 7, 2023
	2023 Q4	December 12, 2023
	2024 Q1	January 10, 2024
April 1, 2024 – March 31, 2025	2024 Q2	May 20-21, 2024
	2024 Q3	September 16, 2024
	2024 Q4	December 11, 2024
	2025 Q1	February 18, 2025
April 1, 2025 – March 31, 2026	2025 Q2	May 13, 2025
	2025 Q3	September 18, 2025

MS4 Reporting Period	Monitoring Event	Date(s) Monitoring Conducted
	2025 Q4	October 28, 2025
	2026 Q1	March 10, 2026

A monitoring report was issued to the members of the Steering Committee following each monitoring event. Copies of the reports for the monitoring events conducted during the April 1, 2025 to March 31, 2026 reporting period are provided in **Appendix C**.

5.3 Addition and Removal of Monitoring Points

No monitoring points were added or removed from the program during the April 1, 2025 to March 31, 2026 reporting period.

5.4 Additional Parameters

In August 2024, the EPA approved TMDLs for E. coli for two segments of Big Wills Creek and four tributaries to Big Wills Creek. One of these segments receives discharges from the Attalla MS4 and Etowah County MS4. In February 2025, the wet-weather monitoring program was revised to add pathogens monitoring in Big Wills Creek as part of the monitoring program. The City's SWMPP was updated in February 2025 to include the revised 2025 *Etowah Monitoring Partnership Wet Weather Monitoring Program*. Pathogens monitoring was first conducted during the February 18, 2025 monitoring event.

5.5 Statistical Analysis

A total of 53 quarterly monitoring events have been conducted since the Monitoring Program was first implemented in March of 2013. Charts 1 through 10 in **Appendix B** summarize the analytical data collected during these monitoring events.

Statistical analysis was performed on the cumulative monitoring data to evaluate trends and to determine whether there has been a statistically significant increase (SSI) of concentrations between specific monitoring points.

For the current statistical analysis, S&ME performed the statistical evaluation using the ChemStat Version 6.5 software produced by Starpoint Software. The appropriate statistical procedure used in this evaluation was determined by the characteristics of the data set. The approach used to determine the appropriate statistical evaluation and the results of the statistical evaluation are summarized in the following paragraphs.

Specific monitoring points were chosen for comparison based on their location within the MS4 area respective to other monitoring point locations and the trend of collected data. Detailed results are given in **Appendix B**.

5.5.1 Approach to Statistical Analysis

Essentially, there are two sets of data to be compared during this statistical evaluation. Sen's non-parametric estimator of slope is a method of estimating the slope (change in concentration over time) of the data. Because

this method is non-parametric, it is suitable for high percentage of non-detects and is not significantly affected by outliers. The result indicates whether there is an upward, downward, or no trend in the concentration data.

The Wilcoxon rank-sum test evaluates potential differences in the medians of two populations. The Wilcoxon rank-sum test can be used to compare a single data group against another data group. In this evaluation, we compared the specific monitoring points to determine if a statistically significant difference is present in a monitoring point using a statistical significance value (alpha) of 0.01. If a statistically significant difference was observed, we then compared the median values of each point to evaluate whether a point had a statistically significant increase (SSI) over the background point.

The following laboratory parameters were evaluated in the statistical analysis:

- Total Suspended Solids (TSS)
- Total Phosphorous
- Orthophosphate
- Nitrate-Nitrite
- Total Kjeldahl Nitrogen (TKN)
- E. Coli

5.5.2 *Change in Concentration Over Time*

Table 5-2 below lists the points and parameters for which a trend was indicated by the Sen's Slope Analysis. The remaining assessed parameters have no trend in the slope.

Table 5-2 Summary of Results of Slope Analysis

Point Analyzed	Parameter	Trend
SME 4	TKN	Upward
SME 5	TKN	Upward
SME 10	TSS	Upward

5.5.3 *Statistically Significant Increases*

Table 5-3 below reports the statistical evaluation for statistically significant increases (SSIs) for a summary of parameters and monitoring point comparisons.

Table 5-3 Summary of Results of SSIs

Point Analyzed	Point of Comparison	SSI Identified	Parameters w/ SSI
AT 5	SME 7	No	-
GD 5	SME 4	No	-

Point Analyzed	Point of Comparison	SSI Identified	Parameters w/ SSI
GD 12	SME 4	No	-
HB 3	SME 4	Yes	TSS
RC 2	SME 1	No	-
RC 2	SME 4	No	-
RC 14	SME 4	Yes	TKN
SME 1	SME 4	Yes	Ortho-phosphate, Total Phosphorus
SME 1	AT 5	No	-
SME 3	SME 4	No	-
SME 5	SME 4	No	-
SME 6	SME 4	No	-
SME 6	SME 5	No	-
SME 7	SME 4	Yes	Nitrate-Nitrite, Ortho-phosphate, Total Phosphorus
SME 9	HB 3	No	-
SME 9	SME 4	No	-
SME 10	GD 5	Yes	TSS
SME 10	SME 4	Yes	TKN
SS 5	SME 4	No	-
SS 13	SME 4	Yes	TKN
SS 14	SME 4	Yes	TKN, Ortho-phosphate, Total Phosphorus, Nitrate-nitrite

5.6 Evaluation of Monitoring Results

The results of the slope analysis indicate that, although fluctuations occur from one monitoring event to another, pollutant concentrations in the MS4 waterbodies have remained generally consistent over the past 13 years at 19 of the 22 monitoring points. The exceptions are SME 4 and SME 5 (Neely Henry Lake), where an upward trend was observed for TKN, and at SME 10 (unnamed tributary to Big Cove Creek), where an upward trend was identified for TSS.

5.6.1 Monitoring Points SME 4, SME 5, and SME 6

Monitoring points SME 4, 5, and 6 were sited to assess water quality in the Coosa River where it enters the urbanized area, in the central portion of the urbanized area, and where it leaves the urbanized area, respectively, as shown in Diagram 1. The points were first sampled in December 2020, and a total of twenty-two monitoring events have been completed since, with the exception of SME 4 which was not sampled in September 2021 or September 2025.

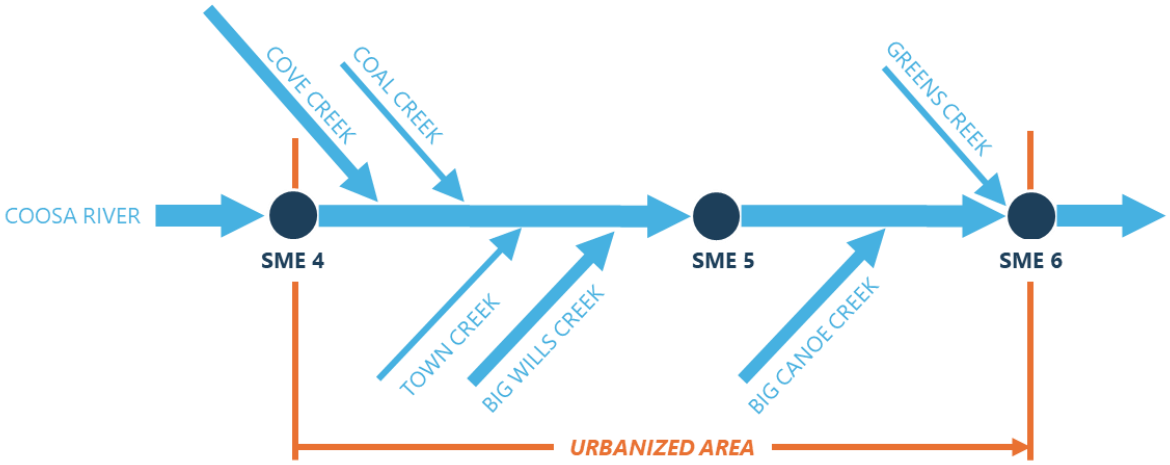


Diagram 1. Coosa River Monitoring Points

Over the past twenty-two monitoring events, turbidity increased between monitoring points SME 4 and SME 6 fifteen times and decreased five times, with two events not sampled. Total nitrogen increased in twelve of the twenty monitoring events and TSS increased in sixteen of the twenty events. Ortho-phosphate was detected in four events at monitoring points SME 5 and was detected three times at SME 4 and SME 6. Total phosphorous increased between SME 4 and SME 6 in six of the twenty events.

The upwards trends identified for TKN in SME 4 and SME 5 indicate that TKN is increasing in the Coosa River upstream of the urbanized area; however, as shown in Table 5-3, no SSIs were observed when the downstream Coosa River points were compared to the upstream river points. **These results indicate that no statistically significant increase in pollutants is occurring in the Coosa River due to runoff from the urbanized area.**

The Attalla, Glencoe, Hokes Bluff, Rainbow City, Southside, and Etowah County MS4s will continue to monitor points SME 4, SME 5, and SME 6 during the April 1, 2026 to March 31, 2027 reporting period.

5.6.2 Monitoring Points AT 5 and SME 7

Monitoring point SME 7 is located in Big Wills Creek, upstream of monitoring point AT 5, as shown in Diagram 2. Monitoring point AT 5 is located in Big Wills Creek, downstream of its confluence with Little Wills Creek. Monitoring point SME 7 was first sampled in December 2020, and a total of twenty-two monitoring events have been completed.

Diagram 2. Big Wills Creek Monitoring Points

Nitrate-nitrite decreased between SME 7 and AT 5 in eighteen out of the last twenty-two monitoring events, ortho-phosphate decreased sixteen out of the last twenty-two monitoring events, and total phosphorus decreased between the two points in fifteen of the last twenty-two events, though there was an increase in three of the last four events.

As shown in Table 5-3, no SSIs were observed when AT 5 was compared to SME 7 upstream, indicating that an increase in pollutant concentrations is not occurring as Big Wills Creek passes through the Attalla and Etowah County MS4s, possibly due to dilution as other waterbodies (specifically Little Wills Creek) and runoff enter Big Wills Creek. The pollutants in Big Wills Creek are generally from outside of the MS4, and the urbanized area does not appear to be contributing additional pollution to the waterbody.

As shown in Table 5-3, SSIs for nitrate-nitrite, ortho-phosphate, and total phosphorus were noted when SME 7 was compared to the Coosa River (SME 4), indicating that the pollutant concentrations in Big Wills Creek are higher than the concentrations upstream in the Coosa; however, as previously discussed, no SSIs were observed when the downstream Coosa River points were compared to the upstream river points. **These results indicate that although Big Wills Creek is a source of pollutants to the Coosa River, the flow is not sufficient to cause an observable impact on the Coosa River.**

The Attalla, Glencoe, Hokes Bluff, Rainbow City, Southside, and Etowah County MS4s will continue to monitor points SME 7 and AT 5 during the April 1, 2026 to March 31, 2027 reporting period.

5.6.3 Monitoring Point SME 1

Monitoring point SME 1 was sited to observe water quality at the location where the combined flow from Big Wills Creek, Black Creek, and Horton Creek enters the Coosa River, as shown in Diagram 3. Monitoring point AT 5 is located in Big Wills Creek, monitoring point GD 8 (which is currently monitored by the City of Gadsden) is located in Black Creek, and monitoring point RC 2 is located in Horton Creek. The monitoring points were first sampled in March 2013, and a total of 53 monitoring events have been completed.

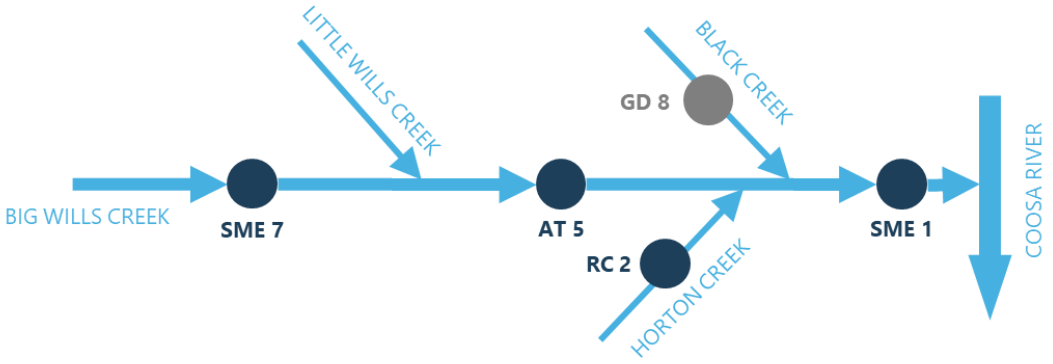


Diagram 3. Big Wills Creek/Black Creek Embayment Monitoring Points

Generally, nitrogen and phosphorous results at AT 5 are higher than those recorded downstream at SME 1, whereas nitrogen and phosphorous values at RC 2 are lower than those recorded at downstream SME 1. As shown in Table 5-3, no SSIs were observed when SME 1 was compared to upstream point AT 5, indicating that an increase in pollutant concentrations is not occurring before the combined flow from AT 5, GD 8, and RC 2 discharges to the Coosa River.

These results indicate that the Big Wills Creek watershed is the primary source of nitrogen and phosphorous approaching SME 1. A portion of the observed reduction between AT 5 and SME 1 may come from dilution as other waterbodies and runoff join Big Wills Creek. This further indicates that the urbanized area is not contributing additional pollution to the Coosa River.

The Attalla, Glencoe, Hokes Bluff, Rainbow City, Southside, and Etowah County MS4s will continue to monitor points AT 5, RC 2, and SME 1 during the April 1, 2026 to March 31, 2027 reporting period.

5.6.4 Monitoring Point SS 14

Monitoring point SS 14 was sited to observe water quality in an unnamed tributary to the Coosa River in Southside, as shown in in Diagram 4. The drainage area for SS 14 includes portions of the Southside and Etowah County MS4s, as well as areas outside of the MS4 boundary. Land uses in the SS 14 drainage area include residential, commercial, recreational, and agricultural. The monitoring point was first sampled in March 2013, and a total of 53 monitoring events have been completed.

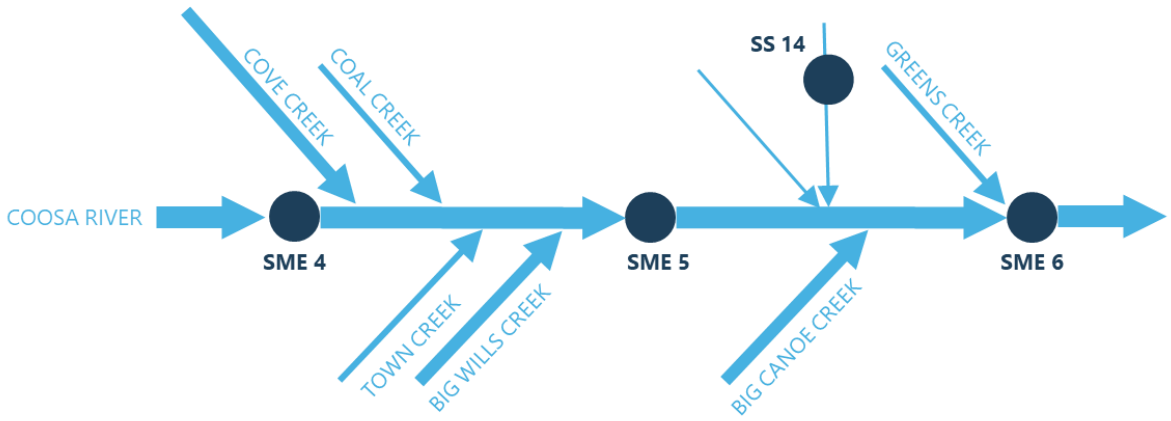


Diagram 4. Monitoring Point SS 14

As shown in Table 5-3, SSIs for TKN, nitrate-nitrite, ortho-phosphate, and total phosphorus were noted when point SS 14 was compared to SME 4. The monitoring results for TKN, nitrate-nitrite, ortho-phosphate, and total phosphorous at SS 14 indicate that concentrations in the unnamed tributary are higher than those observed in the river as it enters the urbanized area; however, there is no clear increase in the levels of TKN, nitrate-nitrite, phosphorus, and ortho-phosphate in the receiving water between SME 5 (Coosa River upstream of SS 14) and SME 6 (Coosa River downstream of SS 14). **These results indicate that although the unnamed tributary to the Coosa River is a source of pollutants to the Coosa River, the flow is not sufficient to cause an observable impact on the Coosa River.** Additionally, based on the results of the slope analysis, measured pollutant concentrations at SS 14 appear to have remained generally consistent over the past 13 years and are not increasing.

The Attalla, Glencoe, Hokes Bluff, Rainbow City, Southside, and Etowah County MS4s will continue to monitor points SS 14, SME 5, and SME 6 during the April 1, 2026 to March 31, 2027 monitoring period.

5.6.5 Monitoring Point SS 13

Monitoring point SS 13 was sited to observe water quality in an unnamed tributary to the Coosa River in Southside, as shown in Diagram 5. The drainage area for SS 13 includes portions of the Southside and Etowah County MS4s. Land uses in the SS 13 drainage area include residential, recreational, and agricultural.

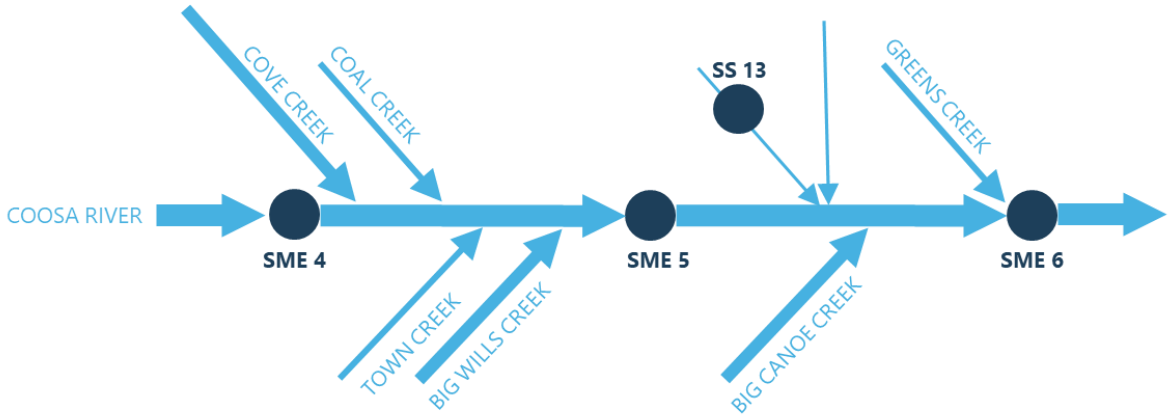


Diagram 5. Monitoring Point SS-13

As shown in Table 5-3, SSIs for TKN were observed at point SS 13 when compared to SME 4. This indicates that TKN concentrations in the tributary to the Coosa River are generally higher than TKN concentrations in the river as it enters the urbanized area; however, there is no clear increase in the levels of TKN in the receiving water between SME 4 (Coosa River upstream) and SME 6 (Coosa River downstream). This seems to indicate that although levels of TKN are elevated at SS 13, the flow from the associated drainage areas is not sufficient to cause a statistically significant impact on the Coosa River.

5.6.6 Monitoring Point RC 14

Monitoring point SRC 14 was sited to observe water quality in Big Canoe Creek in Rainbow City, as shown in Diagram 6. The drainage area for RC 14 includes portions of the Rainbow city and Etowah County MS4s. Land uses in the RC 14 drainage area include residential, recreational, and agricultural.

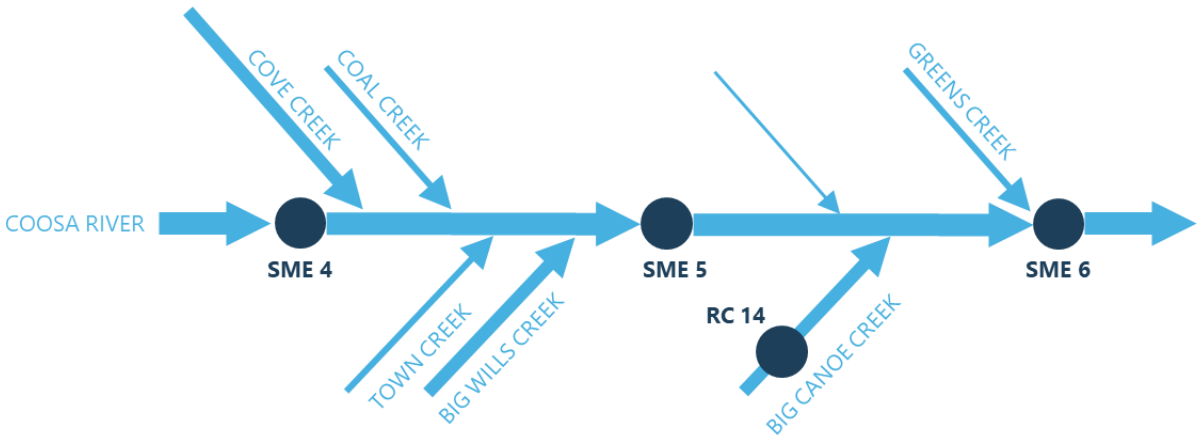


Diagram 6. Monitoring Point RC-14

As shown in Table 5-3, SSIs for TKN were observed at point SS 13 when compared to SME 4. This indicates that TKN concentrations in Big Canoe Creek are generally higher than TKN concentrations in the river as it enters the urbanized area; however, there is no clear increase in the levels of TKN in the receiving water between SME 4 (Coosa River upstream) and SME 6 (Coosa River downstream). This seems to indicate that although levels of TKN are elevated at RC 14, the flow from the associated drainage areas is not sufficient to cause a statistically significant impact on the Coosa River.

5.6.7 Total Suspended Solids

With the exception of monitoring point SME 10, TSS concentrations in the MS4 waterbodies have remained generally consistent over the past 13 years. An upward trend was observed for TSS concentrations at SME 10.

Monitoring point HB 3 was sited to observe water quality in an unnamed tributary to the Coosa River in Hokes Bluff. As shown in Table 5-3, an SSI for TSS was observed at point HB 3 when compared to SME 4. This indicates that TSS concentrations in the tributary from Hokes Bluff are generally higher than TSS concentrations in the river as it enters the urbanized area.

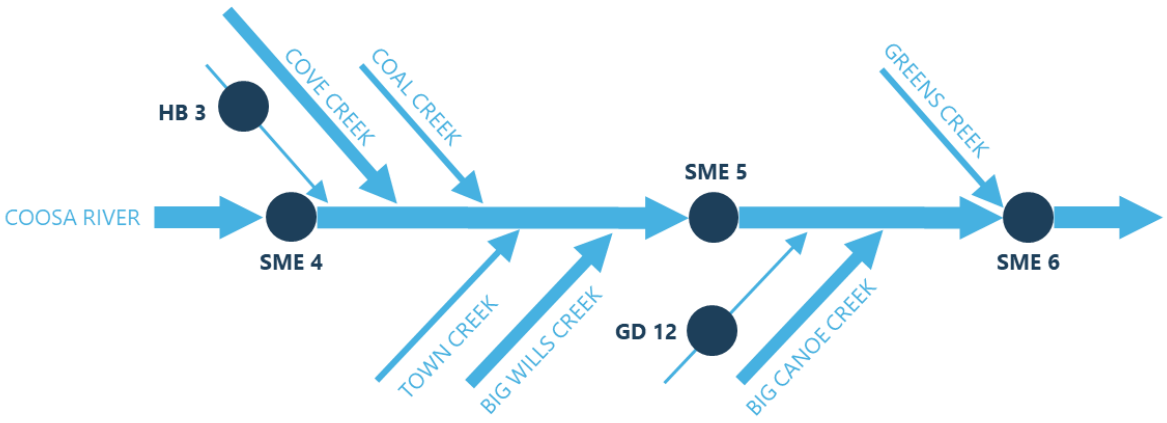


Diagram 7. Monitoring Points HB 3 and GD 12

Monitoring point SME 10 was sited to observe water quality in an unnamed tributary to Big Cove Creek in Hokes Bluff. Monitoring point GD 5 was sited downstream in the Cove Creek Embayment, as shown in Diagram 8. As shown in Table 5-3, an SSI for TSS was observed at monitoring point SME 10 when compared to GD 5. This indicates that TSS concentrations leaving Hokes Bluff are higher than those observed in the Cove Creek Embayment.

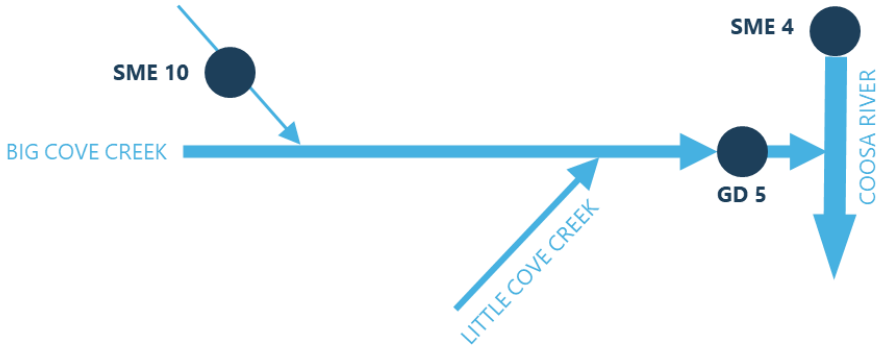


Diagram 8. Monitoring Points SME 10 and GD 5

There is no clear increase in the levels of TSS between SME 4 (Coosa River upstream) and SME 6 (Coosa River downstream). This seems to indicate that although levels of TSS are elevated at HB 3 and SME 10, the flow from the associated drainage areas is not sufficient to cause a statistically significant impact on the Coosa River.

5.7 Summary of Recommendations

The entities that comprise the Gadsden-Etowah MS4 initially took a watershed approach regarding their storm water monitoring program. This approach has allowed the entities to evaluate how the overall watershed is responding to the established BMPs and to generally evaluate water quality across the MS4. The current *Wet-Weather Monitoring Program* went into effect February 2025.

During the April 1 2026, to March 31, 2027 reporting period, the Gadsden-Etowah MS4 entities will meet to discuss changes to the 2025 *Wet-Weather Monitoring Program*, including whether to continue the watershed approach or evaluate each MS4 separately. The current monitoring points are adequate for evaluating the watershed and the Gadsden-Etowah MS4 entities as a group; however, the existing points do not provide the density needed to evaluate each MS4 separately. If the steering committee were to elect to evaluate the MS4 independently, additional monitoring points would be required.

No changes to the current monitoring program are recommended at this time.

6.0 Report of Minimum Storm Water Control Measures

Reference Part VI.B.3 and 4

6.1 Public Education and Public Involvement on Storm Water Impacts

6.1.1 Implementation Status

During the April 1, 2025 to March 31, 2026 reporting period, the City of Southside completed twenty-one (21) of the twenty-three (23) Public Education and Public Involvement strategies identified in the previous Annual Report, the 2022 SWMPP, and the 2025 SWMPP.

The City partially completed two (2) strategies:

- The City did not post a link to the 2025 SWMPP on the City's stormwater webpage (Strategy 8).
- The City donated funds to the 2025 *Etowah County Water Festival* but did not promote the event on social media, and no City employees participated (Strategy 14).

A table identifying each Public Education and Public Involvement strategy planned for the 2025-2026 reporting period, a description of actions taken by the City of Southside, and a description of activities planned for the next reporting period is provided at the end of this section. Supporting documentation is included in **Appendix D.**

6.1.2 Proposed Activities for the April 1, 2026 to March 31, 2027 Reporting Period

The City will implement the activities listed in the 2025 SWMPP and in the following table as part of their Public Education and Public Involvement Program during the 2026-2027 reporting period. The City will evaluate the success of the program to aid in preparing the required Annual Report based on the evaluation criteria established for each strategy.

6.1.3 Assessment of Controls

The strategies enacted during the reporting period appear to be effective in meeting the objectives of the Public Education and Public Involvement Control Measure as outlined in the 2021 permit. The strategies are adequate to educate the community about the impacts of storm water runoff, identify steps the community can take to help reduce pollutants, and provide opportunities for public involvement.

The used oil collection program was not utilized by the public during the reporting period and no used oil was collected. The City previously collected 255 gallons of used oil during the 2023-2024 reporting period; therefore, the City will evaluate whether additional advertising of the collection program is needed.

The City's main Facebook page has approximately 9,400 followers and high engagement, whereas the stormwater Facebook page has only 108 followers and very little engagement. During the 2026-2027 reporting period, the City will utilize the main Facebook page to share posts from the stormwater page to reach a wider audience.

6.1.4 Proposed Changes

In March 2023, the City transitioned to a route system for brush collection and no longer charges residents per pickup. The 2025 SWMPP should be revised to reflect the change in the brush collection program.

The City purchased a cardboard bailer during the 2025-2026 reporting period. The City formerly partnered with Rainbow City for bailing services. Since the partnership has been discontinued, the 2025 SWMPP should be revised to reflect the change in the program.

The City of Southside requests no other changes to the Public Education and Public Involvement strategies identified in the 2025 SWMPP.

6.1.5 Responsible Parties

The **Building Department** is responsible for overseeing, developing, and coordinating the Public Education and Public Involvement efforts. The Building Department is responsible for performing plan review regarding erosion, sediment, pollution control, drainage, and flood control. The Building Department is also responsible for providing content for the storm water webpage and social media.

The **IT Contractor** is responsible for maintaining the storm water webpage and providing outclick information to the Building Inspector for inclusion in the Annual Report.

City of Southside

Table 6-1 Control Measure 1 - Public Education and Involvement

See Section 5.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
1	**Maintain the Storm Water Webpage:** Maintain the webpage and provide additional educational materials each reporting period.	The City added 4 new items to the storm water webpage describing storm water. 159 views were recorded for the webpage.	The City will maintain the webpage and add additional information such as articles, pictures, and other education materials.	The Storm Water webpage and web site recorded hit information are attached. (See Documents 1-1 and 1-2)	https://cityofsouthside.com/residents/storm-management/ The number of webpage hits increased by 242 views during the 2025-2026 reporting period, compared to a total of 256 views during the 2024-2025 reporting period.	NO
2	**Distribute Storm Water Educational Material:** Prepare storm water education material to increase awareness on storm water topics. Distribute education material using advertising in the Gadsden Times, bookmarks, or brochures.	Materials were distributed via: Newspaper (0) Bookmarks (70) Brochures (95)	The City will continue using the local newspaper for delivery of educational material for the public. The City will also provide bookmarks at the Library and brochures at the Community Center and City Hall.	Photos of the bookmark and brochure placement are attached. (See Documents 1-3 and 1-4)		NO
3	**Distribute Storm Water Educational Material Via Social Media:** Post storm water educational material on the City of Southside Storm Water Management Facebook Page at least once per quarter.	4 social media posts were created on the City's Storm Water Management Facebook page - June 26, 2025 - July 21, 2025 - September 24, 2025 - November 21, 2025 2 reactions to posts 108 followers on storm water page	The City will post storm water educational material on the City of Southside Storm Water Management Facebook page at least once per quarter.	Screenshots of the social media posts are attached. (See Document 1-5)	The number of followers on the Storm Water Management Facebook page increased by 2 during the 2025-2026 reporting period. The page had 106 followers the previous year. https://www.facebook.com/profile.php?id=100036538857184	NO
4	**Provide Information on Construction Site Storm Water Impacts:** Provide information on how construction site runoff can impact storm water quality to individuals requesting plan review and building/development permits.	35 development permits were issued 29 people having received educational materials.	As development permits are issued, the City will provide educational materials on construction site runoff impacts to individuals requesting plan review and building / development permits.	A copy of the construction BMP educational materials is attached. (See Document 1-6)		NO
5	**Provide Information on Low Impact/Green Development:** Provide information on green development to individuals requesting plan review and building/development permits.	0 development permits were issued 29 people having received educational materials.	As development permits are issued, the City will provide educational materials on green infrastructure alternatives to individuals requesting the building / development permit.	A copy of the LID/GI educational materials is attached. (See Document 1-7)		NO

City of Southside

Table 6-1 Control Measure 1 - Public Education and Involvement

See Section 5.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
6	**Plan Review and Permitting:** Review each application for a Land Disturbance Permit and the accompanying Sediment and Erosion Control Plan and Stormwater Management Plan.	0 plans were reviewed	The City will continue to review Sediment and Erosion Control Plans for construction sites bordering a waterbody or disturbing more than one acre of land.	A copy of the blank Land Disturbance permit application is attached. (See Document 1-8)		NO
7	**Storm Water Monitoring Signs/Inlet Marking:** Maintain storm water monitoring signs and inlet markers. Add signs and markings as necessary.	0 new signs and 0 new inlet markings were added	The City will maintain the storm water monitoring signs and place additional signs if necessary.	A photo of an inlet marker is attached. (See Document 1-9)		NO
8	**Annual Report and SWMPP Availability:** Provide the SWMPP and the current Annual Report on the Storm Water Management webpage.	The 2024-2025 Annual Report was added to the Storm Water Management webpage. The City did not post a link to the the 2025 SWMPP on the City's stormwater webpage. 159 views were recorded for the webpage during the reporting period	The City will provide links to the 2025 SWMPP and the 2025-2026 Annual Report for public viewing on the Storm Water Management webpage.	The Storm Water webpage is attached. (See Document 1-1)	https://cityofsouthside.com/residents/storm-management/	NO
9	**Seek Public Input:** Provide a link to the SWMPP and most recent Annual Report on the City of Southside Storm Water Management Facebook page and on the City of Southside main Facebook page. Encourage stakeholders to provide comments or questions regarding the implementation of the SWMPP.	The City sought public input on the 2024-2025 Annual Report on the City's Storm Water Management Facebook page and the City's main Facebook page in post dated 7/11/2025. 0 likes were received 0 comment was received 0 questions were received	The City will post links to the 2025 SWMPP and the 2025-2026 Annual Report on the City of Southside Storm Water Management Facebook page and on the City of Southside main Facebook page.	Screenshots of the social media posts are attached. (See Document 1-10)	https://www.facebook.com/profile.php?id=100036538857184 https://www.facebook.com/CityofSouthside	NO
10	**Gadsden-Etowah MS4 Steering Committee Meetings:** Coordinate and/or participate in meetings of the Gadsden-Etowah Storm Water Steering Committee.	2 City employee attended the MS4 Steering Committee meetings held on 6/16/2025.	The City will continue to participate in meetings of the Gadsden-Etowah Storm Water Steering Committee.	The attendance record for the meeting is attached. (See Document 1-11)		NO
11	**Participation in Professional Development Organization:** Participate in meetings, seminars, or other events held by professional organizations when possible.	1 City employee participated in TigerStream on 5/2/2025 and 6/26/2026.	City personnel will continue to participate in meetings, seminars, or other events held by professional organizations such as Alabama Stormwater Association or Clear Water Alabama when possible.	The attendance record for the webinar is attached. (See Document 1-12)	https://youtu.be/KYTZAjkG5b8?si=QUmJSIWBN0R7SQQQ	NO

City of Southside

Table 6-1 Control Measure 1 - Public Education and Involvement

See Section 5.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
12	**Promote Storm Water Events Via Social Media:** Utilize the City of Southside social media accounts to promote storm water events.	2 storm water events were advertised on the stormwater page and Facebook page. Posted on 3/5/2025 and 9/22/2025. 7 likes were received 2 comments were received	The City will continue to utilize the City of Southside social media accounts to promote storm water events such as *Renew Our Rivers* , *Water Quality Awareness Week* , *Etowah County Water Festival* , and/or community cleanup days.	A screenshot of the social media post advertising Water Quality Awareness Week is attached. Screenshots of the social media posts advertising the 2025 *Great American Cleanup Day* event and the 2025 Annual City-Wide Clean Up event are also attached. (See Documents 1-6, 1-13, and 1-14)		NO
13	**Promote Water Quality Awareness Week:** Promote an annual *Water Quality Awareness Week* through City resources.	**July 21,2025 - July 25, 2025** was celebrated as Water Quality awareness week. A booth was set up at City Hall to distribute storm water materials. 75 materials were distributed. Water Quality Awareness Week was advertised on the Storm Water Management Facebook page on 7/21/2025.	The City will continue to promote an annual Water Quality Awareness Week through City resources including co-sponsoring radio, television, and print advertisement with co-permittees and other stakeholders.	A copy of the 2014 proclamation, photos of the City Hall booth, and a screenshot of the social media post advertising Water Quality Awareness Week are attached. (See Documents 1-16, 1-17, and 1-6)		NO
14	**Promote and participate in the Etowah County Water Festival:** Promote and participate in the annual *Etowah County Water Festival* .	The 2026 Etowah County Water Festival was held on February 20, 2026. The event was not promoted through advertising or social media. The City donated $250.00 in funds to the festival. 0 City employees participated in the event. 0 City volunteers participated in the event.	The City will promote the annual *Etowah County Water Festival* through City resources. City personnel will participate in the 2027 festival.	Copies of the Sponsorship Form and receipt are attached. (See Document 1-17)		NO

City of Southside

Table 6-1 Control Measure 1 - Public Education and Involvement

See Section 5.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
15	**Public Reporting and Tracking System:** Provide a method for the public to report non-compliant construction sites, illicit discharges, impaired waterways, and violations of ordinances related to storm water pollution. Promote the reporting method on the City's website and social media accounts at least once per year. Evaluate the efficacy of the program.	The City maintained the reporting form on the website. The City did not promote the illicit discharge reporting number on social media. 0 complaint received 0 complaint addressed 0 complaint resolved No changes are proposed to the reporting program at this time.	The City will publicize the reporting number and online report form on the City's website and social media. The City will track received reports and the City's responses to the received reports. The City will evaluate the current public reporting and tracking methods.	Screenshots of the online reporting form is attached. (See Documents 1-18)	https://cityofsouthside.com/residents/reporting-problem/	NO
16	**Coordinate and Promote an Annual Community Clean Day:** Coordinate and promote an annual community cleanup day through advertisements and signs.	The 2025 *Great American Cleanup Day* was held on **May 23, 2025**. The City's 4th Annual City-Wide Clean Up event was held on **March 6, 2026**. The events were promoted on Facebook. 3 volunteers and 32 City empoyees participated in both events.	The City will continue to coordinate and promote an annual community cleanup day. City personnel will participate in the cleanup day. The City will promote the event through advertisements and signs.	Screenshots of the Facebook posts promiting and celebrating the cleanup day and photos from the event are attached. (See Documents 1-13, 1-14, and 1-19)		NO
17	**Promote and Participate in Anti-Litter/Cleanup Events:** Partner with Keep Etowah Beautiful, Clean Water Partnership of Alabama, and/or Alabama Power to support, sponsor, and/or promote anti-litter and cleanup events.	The City partnered with Keep Etowah Beautiful to plan a Renew Our Rivers cleanup event for **September 25, 2025**. 13 city employees participated.	The City will continue to partner with Keep Etowah Beautiful, Clean Water Partnership of Alabama, and/or Alabama Power to support, sponsor, and/or promote events such as *Renew Our Rivers* , *Message in a Bottle* , and/or community cleanup days.	Copies of the Renew Our Rivers planning emails and agenda are attached. (See Documents 1-20)		NO
18	**No Dumping/No Littering Signs**: Maintain "No Dumping" and "No Littering" signs placed throughout the city. Place additional signs if necessary.	52 bags of litter collected by the Etowah County Sheriff's Department. 0 signs were added	The City will maintain the "No Dumping" or "No Littering" signs and place additional signs if necessary.	Photo of No Littering signs and photos of the litter collection crews is attached. (See Documents 1-21 and 1-22)		NO
19	**Litter Ordinance:** Ordinance No. 006-2008 details what is defined as litter. Measure the efficacy of the ordinance.	0 violation notices issued	The City will update the Litter Ordinance as needed.			NO

City of Southside

Table 6-1 Control Measure 1 - Public Education and Involvement

See Section 5.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
20	**Brush Pickup:** Provide brush pickup on an as-needed basis.	Beginning March 2023, brush is collected using a route system. 200 tons of debris collected	The City transitioned to a free monthly brush pickup service on **March 6, 2023**. Residents are no longer charged $40 per pickup.	A screenshot of the Public Works webpage showing the brush pickup schedule is attached. (See Document 1-23)	Section 5.3.4 of the SWMPP should be revised to reflect the route system of brush pickup.	**YES**
21	**Cardboard Collection and Recycling:** Promote and encourage residents to utilize the City's recycling program. Promote the program on the city webpage and social media.	The City purchased a cardboard bailer through an Alabama Recycling Fund Grant. The City promoted the cardboard recycling program on social media. Approximately 120 tons of cardboard was collected per week	The City will continue to promote cardboard recycling.	Screenshots of the social media posts promoting the cardboard recycling program are attached. Photos of the recycling trailers and bailer are also attached. (See Documents 1-24 and 1-25)		**YES**
22	**Used Oil Collection and Recycling:** Operate a used oil drop-off location at the City Maintenance Shop.	0 gallons of used oil were collected Evaluation of the collection program suggests additional advertising may be needed.	The City will continue to operate a used oil drop-off location at the City Maintenance Shop. The City will evaluate methods to promote use of the used oil collection program.	Photos of the used oil tank are attached. (See Document 1-26)		NO
23	**Program Evaluation:** Utilize collected information to evaluate the effectiveness of the Public Education and Involvement Program.	The City evaluated the public education and involvement program and determined that no changes are necessary.	The City will track the metrics identified in the 2025 SWMPP and evaluate the effectiveness of the program.			NO

6.2 Illicit Discharge Detection and Elimination

6.2.1 Implementation Status

During the April 1, 2025 to March 31, 2026 reporting period, the City of Southside completed eighteen (18) of the eighteen (18) Illicit Discharge Detection and Elimination strategies identified in the previous Annual Report, the 2022 SWMPP, and the 2025 SWMPP.

A table identifying each Illicit Discharge Detection and Elimination strategy planned for the 2025-2026 reporting period, a description of actions taken by the City of Southside, and a description of activities planned for the next reporting period is provided at the end of this section. Supporting documentation is included in **Appendix E**.

6.2.2 Proposed Activities for the April 1, 2026 to March 31, 2027 Reporting Period

The City will implement the activities listed in the 2025 SWMPP and in the following table as part of their Illicit Discharge Detection and Elimination Program during the 2026-2027 reporting period. The City will evaluate the success of the program to aid in preparing the required Annual Report based on the evaluation criteria established for each strategy.

6.2.3 Assessment of Control

The strategies enacted during the reporting period appear to be effective in meeting the objectives of the Illicit Discharge Detection and Elimination Control Measure as outlined in the 2021 permit. The strategies are adequate to prevent or correct illicit discharges to the Southside MS4.

6.2.4 Proposed Changes

The City of Southside requests no changes to the Illicit Discharge Detection and Elimination strategies identified in the 2025 SWMPP.

6.2.5 Responsible Party

The **Building Department** is responsible for overseeing, developing, and coordinating the IDDE program in the City of Southside regulated MS4 area.

Other City departments, including the **Street and Sanitation Department**, the **Parks and Recreation Department**, the **Fire Department**, and the **Police Department**, will report illicit discharges observed during the course of their normal duties. Reports of observed or suspected illicit discharges will be made to the Building Department.

The **Southside Water Works and Sewer Board** is responsible for corrective actions regarding Sanitary Sewer Overflows.

The **Fire Department** is responsible for corrective actions regarding hazardous spill response and for reporting spills over 25 gallons to ADEM.

City of Southside

Table 6-2 Control Measure 2 - Illicit Discharge Detection and Elimination

See Section 6.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS	PROPOSED CHANGES
1	**IDDE Ordinance:** Ordinance 0-10-2012 details Storm Water Management Regulations. Evaluate the effectiveness of the ordinance.	The City evaluated the ordinance and determined no changes were necessary. 0 complaint received 0 possible illicit discharge identified 0 violation resolved	The City will evaluate the Ordinance annually and continue to respond to possible illicit discharges.	A copy of the ordinance is included in the 2025 SWPPP.		NO
2	**MS4 Map:** Maintain and update the MS4 Map showing known outfalls from the Southside MS4.	0 civil plans provided to City 1 verified new outfall added; number 17 Lakeforest	Proposed and new additions will be mapped based on civil plans provided to the City.	The updated Storm Water System Map is attached. (See Document 2-1)		NO
3	**Identify Priority Areas:** Identify which drainage basins are considered Priority Areas for each reporting period.	7 drainage basins were identified and IDP Assessment was performed on each basin using the IDP form from the 2025 SWMPP. 0 Priority Areas were identified Drainage basins 2, 4, 5, 6, and 8 had the highest IDP scores. 0 drainage basins newly listed as a priority area 0 drainage basins de-listed from priority area list	The City will re-evaluate the drainage basins using the revised IDP form from the 2025 SWMPP and determine the Priority Areas for the 2026-2027 reporting period.	A map showing the drainage basins and tables showing the calculated IDP scores for the 2025-2026 reporting period are attached. (See Documents 2-2 and 2-3)		NO
4	**Outfall Reconnaissance Inventory for New MS4 Areas:** Implement a stream-walking program designed to identify outfalls to the MS4 within the newly-added MS4 areas.	0 outfalls identified 1.2 miles of streams walked	The City will evaluate changes to the Urbanized Area boundary. If needed, the City will develop a schedule to implement a stream-walking program designed to identify outfalls to the MS4 within the newly-added MS4 areas.	The updated Storm Water System Map is attached. (See Document 2-1)		NO
5	**Outfall Reconnaissance Inventory for Previously Unidentified Outfalls:** Identify, inspect, and screen previously unknowns outfalls at time of discovery. Add the outfalls to the MS4 outfall inventory and map.	1 new outfalls identified 1.2 miles of streams walked	Previously unknown outfalls encountered during dry-weather inspections of known outfalls will be identified, inspected, and screened at the time of discovery. Outfalls encountered during other field observations will be reported to the Building Inspector to be added to the outfall database for verification and inspection.	The updated Storm Water System Map is attached. (See Document 2-1)		NO

City of Southside

Table 6-2 Control Measure 2 - Illicit Discharge Detection and Elimination

See Section 6.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS	PROPOSED CHANGES
6	**Verification of Potential Outfalls Identified During Plan Review:** Verify outfalls identified during review of as-built drawings.	0 new outfalls identified during plan review	Outfalls identified during review of the as-built drawings or from the final inspection will be added to the outfall inventory and map as "Potential Outfalls" and will be inspected during the scheduled ORI activities.	The updated Storm Water System Map is attached. (See Document 2-1)		NO
7	**Dry Weather Screening Program:** Conduct dry weather inspections on a minimum of 15% of all known outfalls during each reporting period.	16 outfalls inspected (95% of total) 1 new outfalls identified	The City will continue to inspect a minimum of 15% of all known outfalls during each reporting period.	The list of inspected outfalls and copies of the inspection forms are attached. (See Documents 2-4 and 2-5)		NO
8	**Suspect Discharge Screening:** Screen dry-weather flows that are observed at an outfall during inspection.	0 dry weather flow 0 dry weather flows screened, due to insufficient flow 0 suspect discharges determined	The City will continue to screen dry-weather flows observed during outfall inspections as detailed in Section 8.9 of the IDDE Program.	The list of inspected outfalls showing observed flow conditions is attached. (See Document 2-4)		NO
9	**Suspect Discharge Sampling:** Sample dry weather flows during observation for flows that have a severity index of 3 on one or more indicators in Section 4 of the ORI Field Sheet.	0 dry weather flow 0 suspect discharges determined 0 samples collected 0 confirmed illicit discharges.	The City will collect samples of suspect discharges for further analysis as detailed in Section 8.10 of the IDDE Program.	The list of inspected outfalls showing observed flow conditions is attached. (See Document 2-4)		NO
10	**Outfall Ranking:** Analyze data from to designate outfalls as having obvious, suspect, possible, or unlikely discharge potential.	0 obvious illicit discharges 0 suspect illicit discharges	The City will analyze data from each Outfall Reconnaissance Inventory Field Sheet to designate the observed outfall as having obvious, suspect, possible, or unlikely discharge potential.	The list of inspected outfalls showing each outfall's discharge potential designation is attached. (See Document 2-4)		NO
11	**Illicit Discharge Investigation:** Perform illicit discharge investigations to determine the source of a discharge problem and the responsible party.	0 illicit discharge investigations 0 illicit discharges confirmed 0 illicit discharges eliminated	Where illicit discharges are identified, the City will conduct an illicit discharge investigation to determine the source.			NO

City of Southside

Table 6-2 Control Measure 2 - Illicit Discharge Detection and Elimination

See Section 6.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS	PROPOSED CHANGES
12	**Corrective Action Record Keeping:** Create a case log detailing pertinent information when a suspect illicit discharge or illicit connection is identified.	0 illicit discharge investigations 0 illicit discharges confirmed 0 illicit discharges eliminated 0 illicit discharge corrective action pending	When a suspect illicit discharge or illicit connection is identified, a case log detailing pertinent information will be created to document information related to the resolution of the illicit discharge.			NO
13	**Illicit Discharge Elimination:** Report identified illicit discharges to the appropriate City department or agency for corrective action.	0 illicit discharges referred to other agencies 0 illicit discharges eliminated	Identified illicit discharges will be corrected by the appropriate City department.			NO
14	**Distribute Storm Water Educational Material:** Provide educational materials highlighting identification and reporting of potential illicit discharges on the City's Storm Water Management webpage and Facebook page at least once per year.	4 social media posts were created to promote illicit discharge identification and reporting: - June 26, 2025 - July 21, 2025 - September 24, 2025 - November 21, 2025 103 materials placed 108 Facebook followers	The City will provide educational materials highlighting identification and reporting of potential illicit discharges on the City's Storm Water Management webpage and Facebook page at least once per year.	Screenshots of the social media posts are attached. (See Document 1-6)		NO
15	**Public Reporting and Tracking System:** Provide a method for the public to report non-compliant construction sites, illicit discharges, impaired waterways, and violations of ordinances related to storm water pollution. Promote the reporting method on the City's website and social media accounts at least once per year. Evaluate the efficacy of the program.	The City maintained the reporting form on the website. The City did not promote the illicit discharge reporting number on social media. 0 complaint received 0 complaint addressed 0 complaint resolved No changes are proposed to the reporting program at this time.	The City will publicize the reporting number on the City's website and social media. The City will track received reports and the City's responses to the received reports. The City will evaluate the current public reporting and tracking methods.	Screenshots of the online reporting form is attached. (See Documents 1-19)		NO
16	**Municipal Employee Training:** Train Municipal Employees in the identification of illicit discharges annually.	S&ME addressed illicit discharge identification in the Annual Training conducted on March 10, 2026. 1 City employees attended training.	The City will train personnel on the identification of illicit discharges and procedures for reporting illicit discharges within the City organization.	Attendance records is attached. (See Documents 2-6)		NO

City of Southside

Table 6-2 Control Measure 2 - Illicit Discharge Detection and Elimination

See Section 6.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS	PROPOSED CHANGES
17	**Notify ADEM of Illicit Discharges from an Adjacent MS4:** Notify the appropriate MS4 and the ADEM Water Division within 48 hours of observation of a suspect illicit discharge from an adjacent MS4.	0 suspect illicit discharges reported to other agencies	Should the City identify a suspect illicit discharge originating within a neighboring MS4, the City will notify the appropriate MS4 and the ADEM Water Division within 48 hours.			NO
18	**Notify ADEM of Unpermitted Industrial Sites:** Report unpermitted facilities that require an NPDES permit to the Industrial Section of ADEM.	0 unpermitted facilities reported to ADEM	Unpermitted facilities will be reported to the Industrial Permits Section of ADEM.			NO

6.3 Construction Site Storm Water Runoff

6.3.1 Implementation Status

During the April 1, 2025 to March 31, 2026 reporting period, the City of Southside completed sixteen (16) of the sixteen (16) Construction Site Storm Water Runoff strategies identified in the previous Annual Report, the 2022 SWMPP, and the 2025 SWMPP.

A table identifying each Construction Site Storm Water Runoff strategy planned for the 2025-2026 reporting period, a description of actions taken by the City of Southside, and a description of activities planned for the next reporting period is provided at the end of this section. Supporting documentation is included in **Appendix F**.

6.3.2 Proposed Activities for the April 1, 2026 to March 31, 2027 Reporting Period

The City will implement the activities listed in the 2025 SWMPP and in the following table as part of their Construction Site Storm Water Runoff Control Measure during the 2026-2027 reporting period. The City will evaluate the success of the program to aid in preparing the required Annual Report based on the evaluation criteria established for each strategy.

6.3.3 Assessment of Controls

The strategies enacted during the reporting period appear to be effective in meeting the objectives of the Construction Site Storm Water Runoff Control Measure as outlined in the 2021 permit. The strategies are adequate to monitor and control pollutants associated with land disturbing activities.

6.3.4 Proposed Changes

The City of Southside requests no changes to the Construction Site Storm Water Runoff strategies identified in the 2025 SWMPP.

6.3.5 Responsible Party

The **Building Department** is responsible for implementing and tracking the construction site storm water provisions of the ordinance as well as other Construction Site Storm Water Runoff strategies.

City of Southside

Table 6-3 Control Measure 3 - Construction Site Storm Water Runoff

See Section 7.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
1	**Erosion and Sediment Control Ordinance:** Ordinance O-10-2012 provides Storm Water Management Regulations. Evaluate the ordinance annually	10 inspections completed 0 non-compliant construction sites 0 enforcement actions 0 non-compliant sites reported to ADEM 0 repeat offenders The ordinance was evaluated and no changes are recommended at this time.	The City will evaluate the Ordinance annually.	A copy of the ordinance is provided in Appendix E of the 2025 SWMPP. Example inspection forms are attached. (See Document 3-1)		NO
2	**BMP Training Program:** Conduct annual training for city personnel tasked with plan review. Certify city personnel tasked with conducting BMP Inspections.	1 employee attended annual training 1 employee received QCI training	The City personnel tasked with plan review will undergo annual training for on-site control measures. City personnel tasked with conducting BMP inspections will be certified under an ADEM approved Qualified Credential Inspector training program and will attend annual refreshers.	A copy of the QCI certificate is attached. (See Document 3-2)		NO
3	**Require Plan Submittal:** Require submission of a Sediment and Erosion Control Plan and Storm Water Management Plan with a building permit application to the City for review.	0 plans reviewed 0 plans approved 0 plans rejected 0 plans met ADEM requirements	The City will continue to require the submittal of a Sediment and Erosion Control Plan and a Storm Water Management Plan with the land disturbance permit application.	An example of a completed application is attached. (See Document 3-3)		NO
4	**Sediment and Erosion Control Plan Review Procedures:** Review the submitted Sediment and Erosion Control Plans within 30 days of receiving the plans. Evaluate the plan review criteria based on the results of plan reviews.	0 plans reviewed 0 plans approved 0 plans rejected 0 plans met ADEM requirements Based on the results of plan reviews conducted during the reporting period, no additional plan requirements are necessary.	The City will review submitted Sediment and Erosion Control Plans and Storm Water Management Plans within 30 days.	An example of a completed application is attached. (See Document 3-3)		NO
5	**Maintain Inventory of Qualifying Construction Sites:** Maintain a list of active qualifying construction sites within the MS4 boundary.	2 open NPDES construction permits within MS4 boundary 2 active qualifying construction sites 0 sites no construction took place during the reporting period	The City will maintain a list of all active qualifying construction sites within the MS4 boundary.	The inventory of construction sites and a list of open NPDES permits within the MS4 boundary are attached. (See Documents 3-4 and 3-5)		NO

City of Southside

Table 6-3 Control Measure 3 - Construction Site Storm Water Runoff

See Section 7.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
6	**Inspection of Qualifying Non-Priority Sites:** Inspect qualifying construction sites using the BMP Inspection Form every three months until permit termination.	10 inspections completed 0 non-compliant construction sites 0 enforcement actions 0 non-compliant sites reported to ADEM 0 repeat offenders	The City will continue to perform BMP inspections once every three months at qualifying construction sites.	Example inspection forms for each of the 2 active sites are attached. (See Document 3-1)		NO
7	**Inspection of Priority Construction Sites:** If a site is a Priority Site inspect the site once a month using the BMP Inspection Form until permit termination.	0 priority construction sites located within the MS4	Should a Priority watershed be designated, the City will identify and inspect qualifying Priority construction sites once per month.		The Southside MS4 does not currently incorporate any waterbodies or watersheds that are impaired for siltation or turbidity.	NO
8	**Re-inspection of Sites:** Re-inspect sites where deficiencies are noted and cannot be corrected during inspection. Use the BMP Inspection Form to complete re-inspections.	0 enforcement actions 0 re-inspections completed	If deficiencies are noted during the routine inspection and cannot be corrected at the time of the inspection, the site will be scheduled for re-inspection. Re-inspections will be documented using the BMP Inspection Form.	An example corrective actions log is attached. (See Document 3-6)		NO
9	**Public Reporting and Tracking System:** Provide a method for the public to report non-compliant construction sites, illicit discharges, impaired waterways, and violations of ordinances related to storm water pollution. Promote the reporting method on the City's website and social media accounts at least once per year. Evaluate the efficacy of the program.	The City maintained the reporting form on the website. The City did not promote the illicit discharge reporting number on social media. 0 complaint received 0 complaint addressed 0 complaint resolved No changes are proposed to the reporting program at this time.	The City will publicize the reporting number on the City's website and social media. The City will track received reports and the City's responses to the received reports. The City will evaluate the current public reporting and tracking methods.	Screenshots of the online reporting form is attached. (See Documents 1-19)		NO
10	**Written Notice:** Provide a written notice to the property owner or permit holder if a violation of Stormwater Management Regulations or Land Disturbance Permit occurs.	0 written notices issued	In the event that the City discovers a violation of the Stormwater Management Regulations or the Land Disturbance Permit, Written Notice will be sent to the property owner or permit holder.	An example of a written notice is attached. (See Document 3-7)		NO
11	**Consent Order:** Consent orders, assurances of voluntary compliance, or other similar documents establishing an agreement to require specific corrective actions are authorized.	0 Consent Orders issued	If necessary, the City may require specific corrective actions using consent orders, assurances of voluntary compliance, or other similar documents.	An example of a Consent Order is attached. (See Document 3-8)		NO

City of Southside

Table 6-3 Control Measure 3 - Construction Site Storm Water Runoff

See Section 7.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
12	**Compliance Order:** Issue a compliance order in the event a construction site continues to violate the terms of the permit if a Written Notice is not followed.	0 Compliance Orders issued	In the event a construction site continues to violate the terms of the permit or fails to respond to a Witten Notice, the Building Department may issue a Compliance Order.	An example of a Compliance Order is attached. (See Document 3-9)		NO
13	**Cease and Desist Order:** Issue a cease and desist order to the owner or operator of a noncompliant construction site if necessary.	0 Cease and Desist Orders issued	If necessary, the City may issue a Cease and Desist Order to the owner or operator of a noncompliant construction site.	An example of a Cease and Desist Order is attached. (See Document 3-10)		NO
14	**Enforcement Tracking:** Maintain information regarding enforcement actions. Report the number of enforcement actions taken during the reporting period.	0 enforcement actions undertaken.	The City will maintain a case log detailing pertinent information for the enforcement actions taken.	An example corrective actions log and the associated inspection reports are attached. (See Document 3-6)		NO
15	**Notify ADEM of Unpermitted Sites:** Notify ADEM of any construction site that is not permitted under to Alabama Construction General Permit.	0 unpermitted facilities reported to ADEM	The City will notify ADEM of any qualifying construction site that is not permitted under the Alabama Construction General Permit.			NO
16	**Notify ADEM of Non-Compliant Sites:** Notify ADEM of non-compliant sites where the City's enforcement actions did not result in compliance.	0 non-compliant sites reported to ADEM	The City will rely on the ADEM for construction NPDES enforcement when the City's enforcement actions have not resulted in compliance.			NO

6.4 Post-Construction Storm Water Management in New Development and Redevelopment

6.4.1 Implementation Status

During the April 1, 2025 to March 31, 2026 reporting period, the City of Southside completed twelve (12) of the twelve (12) Post-Construction Storm Water Management strategies identified in the previous Annual Report, the 2022 SWMPP, and the 2025 SWMPP.

A table identifying each Post-Construction Storm Water Management strategy planned for the 2024-2025 reporting period, a description of actions taken by the City of Southside, and a description of activities planned for the next reporting period is provided at the end of this section. Supporting documentation is included in **Appendix G**.

6.4.2 Proposed Activities for the April 1, 2026 to March 31, 2027 Reporting Period

The City will implement the activities listed in the 2025 SWMPP and in the following table as part of their Post-construction Storm Water Management Control Measure during the 2026-2027 reporting period. The City will evaluate the success of the program to aid in preparing the required Annual Report based on the evaluation criteria established for each strategy.

6.4.3 Assessment of Control

The strategies enacted during the reporting period appear to be effective in meeting the objectives of the Post-construction Storm Water Management Control Measure as outlined in the 2021 permit. The strategies are adequate to address post-construction storm water runoff from new development and re-development.

6.4.4 Proposed Changes

The City of Southside requests no changes to the Post-construction Storm Water Management strategies identified in the 2025 SWMPP.

6.4.5 Responsible Party

The **Building Department** is responsible for establishing design criteria for post-construction BMPs, evaluating the storm water ordinance, reviewing submitted Stormwater Management Plans, performing inspections of post-construction BMPs, and enforcing the provisions of the storm water ordinance.

City of Southside

Table 6-4 Control Measure 4 - Post-Construction Storm Water Management

See Section 8.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
1	**Post Construction Storm Water Management Ordinance:** Ordinance O-10-2012 provides Storm Water Management Regulations. Evaluate the ordinance annually.	0 plans reviewed 0 plans approved 0 plans rejected No changes to the Post-Construction program are proposed at this time.	The City will evaluate Ordinance O-10-2012 annually on its effectiveness in reducing storm water pollution from new development or redevelopment.	A copy of the ordinance is provided in Appendix E of the 2025 SWMPP.		NO
2	**Encourage Low-Impact Development/Green Infrastructure Practices:** Provide information on green development via the Alabama Low Impact Development Handbook to individuals requesting plan review and building/development permits.	0 plans incorporated LID design The evaluation of the methods for encouraging LID determine that Alabama-specific LID information will be provided to the developers.	The City will provide information on the **Alabama Low Impact Development Handbook** to individuals requesting plan review and building/development permits.	Educational materials are attached. (See Document 1-7)	https://adem.alabama.gov/programs/water/waterforms/LIDHandbook.pdf	NO
3	**Evaluate Obstacles to Low Impact/Green Development:** Review and evaluate policies and ordinances to identify regulatory and policy impediments to the installation of green infrastructure and low-impact development techniques.	0 obstacles to Low Impact/Green Development were identified	The City will review and evaluate policies and ordinances related to building codes or other local regulations with the goal of identifying regulatory and policy impediments to the installation of green infrastructure and low-impact development techniques.			NO
4	**Require Plan Submittal:** Require a submission of a Storm Water Management Plan with the application for a Land Disturbance Permit.	0 plans reviewed 0 plans approved 0 plans rejected 0 post-construction designs approved 0 post-construction designs rejected	The City will continue to require the submittal of a Storm Water Management Plan with the application for a Land Disturbance Permit.	An example of a completed application is attached. (See Document 3-3)		NO
5	**Plan Review Procedures:** Review each application for a Land Disturbance Permit and the accompanying Sediment and Erosion Control Plan and Stormwater Management Plan.	0 plans reviewed 0 plans approved 0 plans rejected No additional metrics were necessary	The City will review submitted Storm Water Management Plans to determine whether they meet the criteria established in Ordinance O-10-2012.	An example of a completed application is attached. (See Document 3-3)		NO
6	**Require As-Built Certification:** Require that as-built plans be provided to the Building Department after construction is complete. The plans are to include the final design specifications for all storm water management facilities.	0 structural BMPs completed 0 as-built certifications submitted	The City will continue to require that an as-built survey showing the final design specifications for on-site storm water management facilities be provided to the Building Department.			NO

City of Southside

Table 6-4 Control Measure 4 - Post-Construction Storm Water Management

See Section 8.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
7	**Post-Installation Inspections:** Conduct an inspection of post-construction BMPs for compliance with the approved plans prior to issuance of a Certificate of Occupancy.	8 post-construction BMPs installed 8 final inspections conducted	The City will conduct an inspection following completion of post-construction storm water controls, prior to the issuance of a Certificate of Occupancy.	Copies of the provided documentation are attached. (See Document 4-1)		NO
8	**Require Long-Term Maintenance On Storm Water Controls:** Require submittal of detailed maintenance and repair procedures and an inspection and maintenance agreement. Evaluate Section V(4)(d) and Section V(4)(g) of the Southside Stormwater Management Regulations each reporting period.	0 plans submitted including 0 maintenance agreements 0 plans reviewed 0 maintenance provisions approved 0 maintenance provisions denied 0 enforcement actions No changes to the Post-Construction program are proposed at this time.	The City will continue to require that the design of stormwater controls include detailed maintenance and repair procedures and that the owner execute an inspection and maintenance agreement. The City will evaluate Ordinance O-10-2012 annually.			NO
9	**Inventory of Post-Construction Structural Controls:** Compile an inventory of post-construction structural controls located within the Southside MS4. Update the inventory annually.	4 new structural BMPs added 8 structural BMPs in MS4	The City will update the inventory of post-construction structural controls within the Southside MS4, including those owned by the City.	The current inventory of structural BMPs within the Southside MS4 is attached. (See Document 4-2)		NO
10	**Annual Inspection of Post-Construction Storm Water Controls:** Inspect post-construction BMPs within the MS4 a minimum of once per year.	8 structural BMPs in MS4 8 inspections performed	The City will continue to inspect City-owned and privately-owned post-construction controls within the Southside MS4 at a minimum of once per year.	Copies of the post-construction inspection reports are attached. (See Document 4-1)		NO
11	**Corrective Actions for City-Owned Post-Construction Controls:** Perform maintenance or repairs if an inspection identifies a maintenance issue.	0 corrective actions taken	Should a routine inspection of a City-owned post-construction control identify a maintenance issue, the City will perform necessary maintenance or repairs.			NO
12	**Procedures to Address Non-Compliant Post-Construction BMPs:** Maintain records of escalating enforcement actions of non-compliant post-construction BMPs.	0 enforcement actions taken	Should a routine inspection of a privately-owned post-construction control identify a maintenance issue, the City will pursue compliance with the ordinance using the available enforcement procedures.			NO

6.5 Pollution Prevention and Good Housekeeping for Municipal Operations

6.5.1 Implementation Status

During the April 1, 2025 to March 31, 2026 reporting period, the City of Southside completed fifteen (15) of the fifteen (15) Pollution Prevention and Good Housekeeping for Municipal Operations strategies identified in the previous Annual Report, the 2022 SWMPP, and the 2025 SWMPP.

A table identifying each Pollution Prevention and Good Housekeeping for Municipal Operations strategy planned for the 2025-2026 reporting period, a description of actions taken by the City of Southside, and a description of activities planned for the next reporting period is provided at the end of this section. Supporting documentation is included in **Appendix H**.

6.5.2 Proposed Activities for the April 1, 2026 to March 31, 2027 Reporting Period

The City will implement the activities listed in the 2025 SWMPP and in the following table as part of their Pollution Prevention and Good Housekeeping for Municipal Operations Control Measure during the 2026-2027 reporting period. The City will evaluate the success of the program to aid in preparing the required Annual Report based on the evaluation criteria established for each strategy.

6.5.3 Assessment of Control

The strategies enacted during the reporting period appear to be effective in meeting the objectives of the Pollution Prevention and Good Housekeeping for Municipal Operations Control Measure as outlined in the 2021 permit. The strategies are adequate to address storm water pollution prevention from municipal operations.

6.5.4 Proposed Changes

In March 2023, the City transitioned to a route system for brush collection and no longer charges residents per pickup. The 2025 SWMPP should be revised to reflect the change in the brush collection program.

The City of Southside requests no additional changes to the Pollution Prevention and Good Housekeeping for Municipal Operations strategies identified in the 2025 SWMPP.

6.5.5 Responsible Party

The **Building Department** is responsible for conducting the municipal facility evaluations and maintaining records of the facility inspections. The Building Department is also responsible for coordinating the annual reviews of the SOPs.

The **Street Department** is responsible for roadway maintenance and collection and disposal of the waste collected in City-owned or operated BMPs.

City of Southside

Table 6-5 Control Measure 5 - Pollution Prevention and Good Housekeeping for Municipal Operations

See Section 9.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
1	**Municipal Facilities Inventory:** Maintain an inventory of all municipal facilities, including facilities that have the potential to discharge pollutants. Update the inventory annually.	5 municipal facilities 4 facilities with pollution potential	The City will continue to maintain the inventory listing all City facilities, including City facilities that have the potential to discharge pollutants via storm water runoff.	The municipal facility inventory for the 2025-2026 reporting period is attached. (See Document 5-1)	1. City Hall 2. Sport Complex 3. City Shop 4. Boat Launch 5. Fire Station	NO
2	**Coordinate and Promote and Annual Community Cleanup Day:** Coordinate and promote an annual community cleanup day through advertisements and signs.	The City's 4th Annual City-Wide Clean Up event was held on **March 6, 2026**. The event was promoted by Facebook. 35 volunteers participated in the event, 28 of which were City employees. 140 bags of litter collected.	The City will continue to coordinate and promote an annual community cleanup day. City personnel will participate in the cleanup day. The City will promote the event through advertisements and signs.	Screenshots of the Facebook posts promiting and celebrating the cleanup day and photos from the event are attached. (See Documents 1-14 and 1-19)		NO
3	**No Dumping/No Littering Signs:** Maintain "No Dumping" and "No Littering" signs placed throughout the city. Place additional signs if necessary.	25 bags of litter collected on Highway 77 by the Etowah County Sheriff's Department. 0 signs were added	The City will maintain the "No Dumping" or "No Littering" signs and place additional signs if necessary.	Photo of No Littering signs and photos of the litter collection crews is attached. (See Documents 1-22 and 1-22)		NO
4	**Litter Ordinance:** Ordinance No. 006-2008 details what is defined as litter. Measure the efficacy of the ordinance.	0 violation notices issued	The City will update the Ordinance as needed.			NO
5	**Brush Pickup:** Provide brush pickup on an as needed basis.	Beginning March 2023, brush is collected using a route system. Individual brush or large items pickups were also scheduled for a fee. 200 tons of debris collected	The City transitioned to a free monthly brush pickup service on **March 6, 2023**. Residents are no longer charged $40 per pickup.	A screenshot of the Public Works webpage showing the brush pickup shcedule is attached. (See Document 1-24)	Section 5.3.4 of the SWMPP should be revised to reflect the route system of brush pickup.	**YES**
6	**Used Oil Collection and Recycling:** Operate a used oil drop-off location at the City Maintenance Shop.	0 gallons of oil were collected and disposed	The City will continue to operate a used oil drop-off location at the City Maintenance Shop.	Photos of the used oil tank are attached. (See Document 1-27)		NO

City of Southside

Table 6-5 Control Measure 5 - Pollution Prevention and Good Housekeeping for Municipal Operations

See Section 9.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
7	**Evaluate Effectiveness of Litter Reduction Program:** Evaluate the effectiveness of the litter reduction program.	The City evaluated the litter reduction program and determined no changes were needed.	The City will track the metrics identified in the 2025 SWMPP and evaluate the effectiveness of the program each reporting period.			NO
8	**Municipal Vehicle and Equipment Maintenance SOP:** Develop a written SOP for municipal vehicle maintenance by March 31, 2023	The City evaluated the municipal vehicle and equipment maintenance SOP and determined no changes were needed.	The City will evaluate the municipal vehicle maintenance SOP by March 31, 2027.	A copy of the municipal vehicle maintenance SOP is attached. (See Document 5-2)		NO
9	**Vehicle and Equipment Washing SOP:** Develop a written SOP for municipal vehicle washing operations by March 31, 2023	The City evaluated the municipal vehicle and equipment washing SOP and determined no changes were needed.	The City will evaluate the municipal vehicle washing operations SOP by March 31, 2027.	A copy of the municipal vehicle washing operations SOP is attached. (See Document 5-3)		NO
10	**Pesticide, Herbicide, and Fertilizer Management SOP:** Develop a written SOP for pesticide, herbicide, and fertilizer application by March 31, 2023.	The City evaluated the pesticide, herbicide, and fertilizer management SOP and determined no changes were needed.	The City will evaluate the pesticide, herbicide, and fertilizer application SOP by March 31, 2027.	A copy of the pesticide, herbicide, and fertilizer application SOP is attached. (See Document 5-4)		NO
11	**Materials Storage SOP:** Develop a written SOP for materials storage operations by March 31, 2023	The City evaluated the materials storage SOP and determined no changes were needed.	The City will evaluate the materials storage operations SOP by March 31, 2027.	A copy of the materials storage operations SOP is attached. (See Document 5-5)		NO
12	**Building Maintenance SOP:** Evaluate the SOP for building maintenance by March 31 each year.	The City evaluated the building maintenance SOP and determined no changes were needed.	The City will evaluate the building maintenance SOP by March 31, 2027.	A copy of the building maintenance SOP is attached. (See Document 5-6)		NO
13	**Quarterly Inspection of Municipal Facilities:** Inspect municipal facilities that have the potential to discharge pollutants once per quarter.	3 facilities with pollution potential 16 inspections performed 0 deficiencies noted	The City will inspect municipal facilities with potential to discharge pollutants via storm water runoff for good housekeeping practices once per quarter.	The current municipal facility inventory and a copy of the inspection log are attached. (See Documents 5-1 and 5-7)		NO

City of Southside

Table 6-5 Control Measure 5 - Pollution Prevention and Good Housekeeping for Municipal Operations

See Section 9.0 of the 2025 SWMPP

STRATEGY NO.	STRATEGIES	2025-2026 IMPLEMENTATION STATUS	2026-2027 PROPOSED EFFORTS	SUPPORTING DOCUMENTATION	COMMENTS / CHANGES	PROPOSED CHANGES
14	**Corrective Actions at Municipal Facilities:** Address noted deficiencies from quarterly inspections within 72 hours of the inspection.	0 deficiencies noted 0 deficiencies corrected 0 deficiencies re-inspected	The City will address noted deficiencies from quarterly inspections within 72 hours of the inspection.	A copy of the Corrective Actions Log is attached. (See Document 5-8)		NO
15	**Annual Employee Training:** Conduct annual training on good housekeeping practices, the developed SOPs, and potential threats to storm water quality.	S&ME addressed good housekeeping and best practices at municipal facilities in the Annual Training conducted on **March 10, 2026**. 1 municipal employees attended training	Appropriate City personnel will undergo annual training on good housekeeping practices, the developed SOPs, and potential threats to storm water quality.	Attendance records and training materials are attached. (See Documents 2-6 and 2-7)		NO

7.0 Notice of Reliance

Reference Part VI.B.6

7.1 Steering Committee

The Gadsden-Etowah Steering Committee was first established in 2011 following re-issuance of the joint permit. The intent of the steering committee was to provide for coordination between the co-permittees. When the joint permit was superseded by the separate permits in 2016, the committee continued to work together to produce and implement a joint SWMPP and monitoring program.

The Steering Committee will continue under the 2021 permit, although each entity currently operates under individual SWMPPs and the City of Gadsden has discontinued their participation in the joint monitoring program. The cities of Attalla, Glencoe, Hokes Bluff, Rainbow City, and Southside and Etowah County remain committed to partnership and joint implementation of the monitoring program.

Each of the seven entities provide at least one member to the Gadsden-Etowah Storm Water Steering Committee. Each entity is responsible for providing the required annual updates and monitoring data to the Steering Committee.

Table 7-1 Gadsden-Etowah Storm Water Steering Committee

Entity	Contact	Phone Number	Email
City of Attalla	Jason Nicholson	256-441-9200	jnicholson@attallacity.org
City of Gadsden	Heath Williamson	256-549-4520	hwilliamson@cityofgadsden.com
City of Gadsden	Keener Morrow	256-549-4524	kmorrow@cityofgadsden.com
City of Glencoe	Todd Means	256-492-1424	toddmeans@cityofglencoe.org
City of Hokes Bluff	Lisa Lowman	256-492-2414	lisa.lowman@cityofhokesbluff.com
City of Rainbow City	Joel Garmon	256-413-1230	jgarmon@rbcalabama.com
City of Southside	Judd Rich	256-442-9775 Ext. 103	juddrich@cityofsouthside.com
Etowah County	Robert Nail	256-549-5358	rnail@etowahcounty.org

8.0 Agency Certification

Reference Parts VI.A.2 and VII.G

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

_____ _____

Dana Snyder, Mayor
City of Southside, Alabama

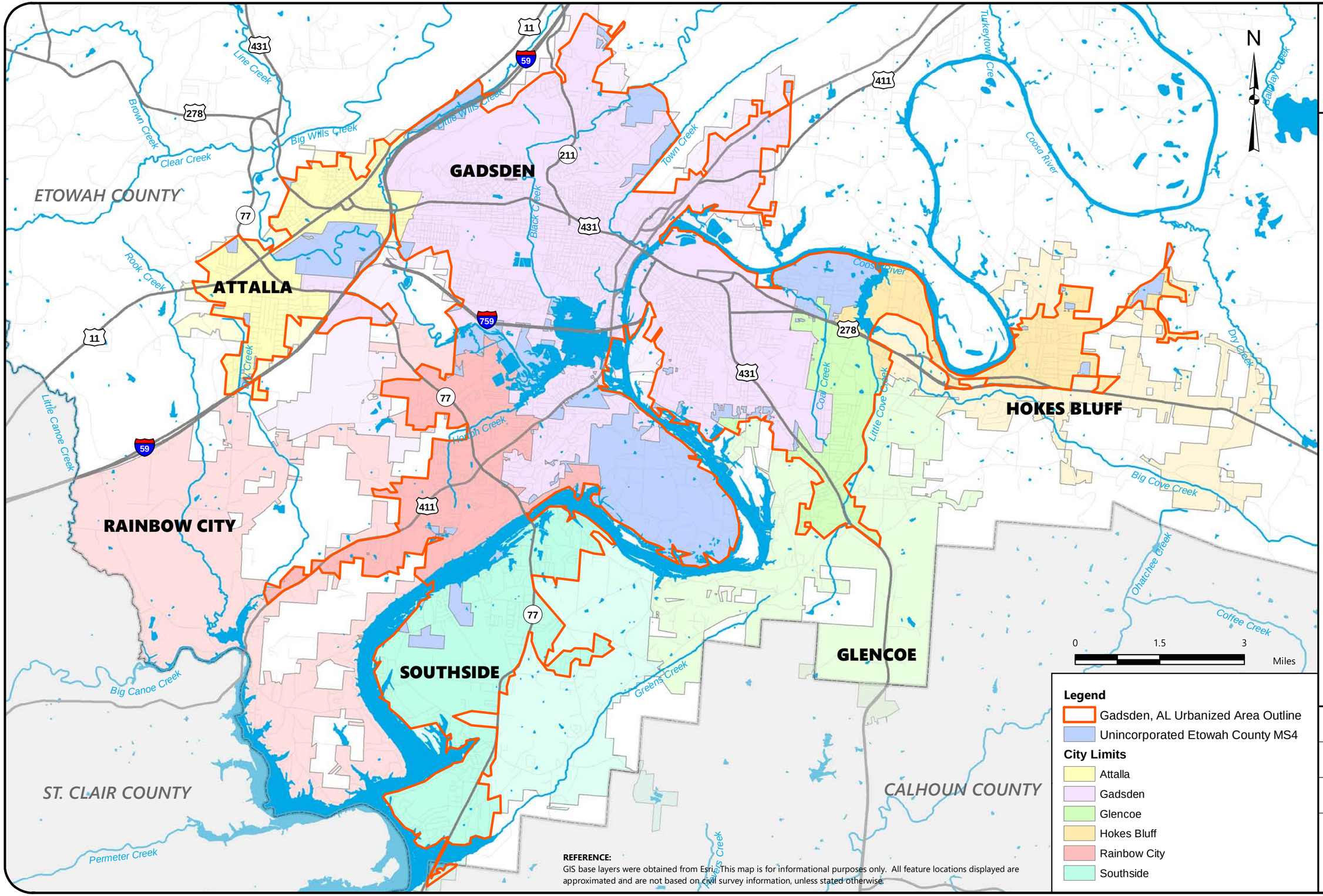
Date

Appendices

Appendix A – Figures

GADSDEN-ETOWAH MS4 BOUNDARIES

GADSDEN ALABAMA URBANIZED AREA
PHASE II SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEM
NPDES GENERAL PERMIT ALR040009



Legend

- Gadsden, AL Urbanized Area Outline
- Unincorporated Etowah County MS4

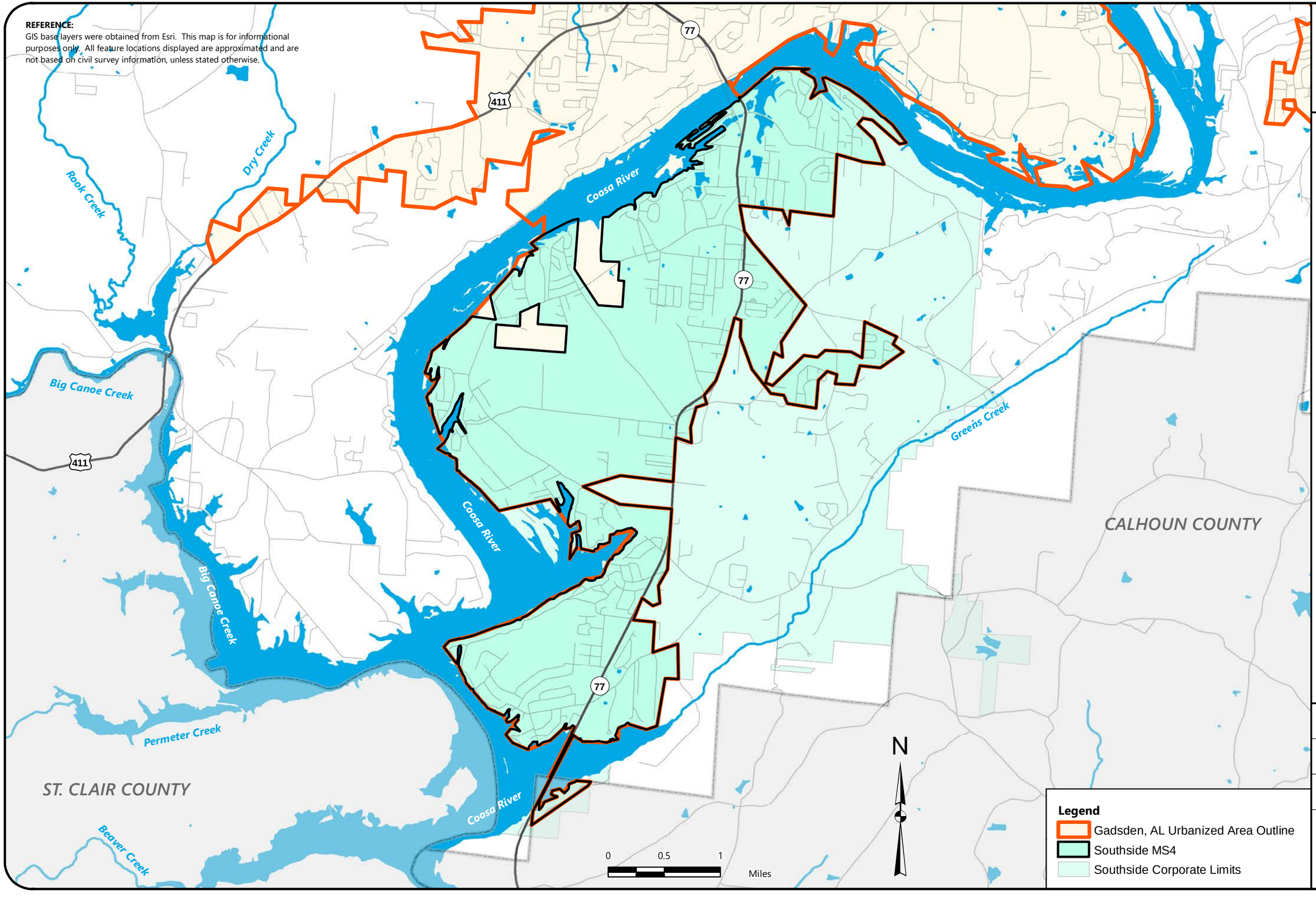
City Limits

- Attalla
- Gadsden
- Glencoe
- Hokes Bluff
- Rainbow City
- Southside

REFERENCE:
GIS base layers were obtained from Esri. This map is for informational purposes only. All feature locations displayed are approximated and are not based on civil survey information, unless stated otherwise.

SCALE:	1:100,000
DATE:	02/18/2022
PROJECT NUMBER	215660
FIGURE NO.	1

REFERENCE:
GIS base layers were obtained from Esri. This map is for informational purposes only. All feature locations displayed are approximated and are not based on civil survey information, unless stated otherwise.



SOUTHSIDE MS4 BOUNDARIES

CITY OF SOUTHSIDE, ALABAMA
PHASE II SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEM
NPDES GENERAL PERMIT ALR040057

SCALE:
1:50,000

DATE:
02/19/2022

PROJECT NUMBER
215660F

FIGURE NO.
2

NOTE:
This map is for informational purposes only. All feature locations displayed are approximated and are not based on civil survey information, unless stated otherwise.

Big Canoe Creek Embayment (Neely Henry Lake)
AL03150106-0306-111
2008 TMDL - Total Phosphorous, pH,
Organic Enrichment (CBOD, NBOD)

Coosa River (Neely Henry Lake)
AL03150106-0309-102
2008 TMDL - Total Phosphorous, pH,
Organic Enrichment (CBOD, NBOD)

Coosa River (Neely Henry Lake)
AL03150106-0309-101
2008 TMDL - Total Phosphorous, pH,
Organic Enrichment (CBOD, NBOD)

Beaver Creek Embayment (Neely Henry Lake)
AL03150106-0307-111
2008 TMDL - Total Phosphorous, pH,
Organic Enrichment (CBOD, NBOD)

Greens Creek Embayment (Neely Henry Lake)
AL03150106-0309-311
2008 TMDL - Total Phosphorous, pH,
Organic Enrichment (CBOD, NBOD)

Coosa River
Dry Creek
Rook Creek
Big Canoe Creek
Permeter Creek
Beaver Creek
Greens Creek
411
77
ST. CLAIR COUNTY
CALHOUN COUNTY

N

0 0.5 1 Miles

Legend
- Southside MS4
- 2024 303(d) Waterbody
- 2024 TMDL Waterbody

Watershed
- H. Neely Henry Lake-Coosa River

SOUTHSIDE MS4 IMPAIRMENTS

CITY OF SOUTHSIDE, ALABAMA
PHASE II SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEM
NPDES GENERAL PERMIT ALR040057

SCALE:
1:50,000

DATE:
05/20/2024

PROJECT NUMBER
23820129F

FIGURE NO.
3

Appendix B – Charts and Statistics

Appendix C – Monitoring Reports

Appendix D – Public Education and Involvement

Appendix E - Illicit Discharge Detection and Elimination

Appendix F – Construction Site Storm Water Runoff

Appendix G – Post-Construction Storm Water Management

Appendix H – Pollution Prevention for Municipal Operations