

State of Georgia
Environmental Protection Division

Phase I Medium
Municipal Separate Storm Sewer System
Annual Report

Return to:

Georgia Environmental Protection Division
Watershed Protection Branch
NonPoint Source Program
2 Martin Luther King, Jr. Dr.
Suite 1462 East
Atlanta, Georgia 30334

Phase I Medium Municipal Separate Storm Sewer System (MS4)

Annual Report

Part 1- General Information

- A. Name of Permittee: [City of Savannah](#)
- B. Mailing Address: [20 Interchange Drive Savannah, GA 31015](#)
- C. Contact Person: [Zack Hoffman](#) Title: [Director, Stormwater Management Division](#)
- D. E-Mail Address: zhoffman@savannahga.gov
- E. Telephone Number: [912-650-7855](#)
- F. Reporting Period: [April 1, 2023 through March 31, 2024](#)
- G. List any other party or parties (e.g. Keep America Beautiful affiliates) responsible for implementing the Stormwater Management Program (SWMP) or a program component during this reporting period. If not previously submitted, provide a Memorandum of Agreement: [N/A](#)
- H. Certification Statement:

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

Signature: _____

Printed Name: [Zack Hoffman](#)

Title: [Director, Stormwater Management Division](#)

Date: [5/14/2024](#)

Part 2 - Implementation Status of SWMP Components

A. Structural and Source Control Measures (Section 3.3.1)

Note: The permittee must maintain an updated inventory of all permanent MS4 structures. At a minimum, include catch basins, ditches, detention/retention ponds and water quality vaults, and storm drain lines.

1. MS4 Structures (Table 3.3.1, Item 1)

- a. How many permanent MS4 structures for which the permittee is responsible were added during this reporting period? (explain type and number of each) [See folder 2.A.1.a_ MS4 Structure Additions_23-24](#)
- b. Including the structures added this reporting period, what is the total number of permanent MS4 structures which the permittee is responsible for inspecting and maintaining?

catch basins	14,547
ditches (miles or linear feet)	35.64 miles
detention/retention ponds & vaults	6
storm drain lines (miles or linear feet)	415.50 miles

- c. Are an updated inventory and map of the permanent MS4 structures attached?
 Yes No [See folder 2.A.1.c_MS4 Permanent Structures Inventory & Maps_23-24](#)

2. MS4 Inspections and Maintenance (Table 3.3.1, Item 2)

- a. Were inspections of MS4 structures performed using geographical areas or sectors?
 Yes No
- b. How many permanent MS4 structures were inspected?

Catch Basins

Year	Total Number of Catch Basins	Number of Catch Basins Inspected	% Inspected
2022-2023	14,353	1,349	9.4
2023-2024	14,547	1,920	13.2
2024-2025			
2025-2026			
2026-2027			
TOTAL			

Pipes

Year	Total Pipes Number or Length (specify ft. or miles)	Number of Pipes or Length Inspected (specify ft. or miles)	% Inspected
2022-2023	412.66 miles	53.17 miles	12.9
2023-2024	415.50 miles	21.21 miles	5.10
2024-2025			
2025-2026			
2026-2027			
TOTAL			

Ditches

Year	Total Ditches Number or Length (specify ft. or miles)	Number of Ditches or Length Inspected (specify ft. or miles)	% Inspected
2022-2023	149.61 miles	47.72 miles	32.1
2023-2024	148.14 miles	26.78 miles	18.1
2024-2025			
2025-2026			
2026-2027			
TOTAL			

Detention/Retention Ponds & Vaults

Year	Total Number of Ponds & Vaults	Number of Ponds & Vaults Inspected	% Inspected
2022-2023	6	6	100
2023-2024	6	2	33.3
2024-2025			
2025-2026			
2026-2027			
TOTAL			

- c. Documentation of each inspection performed must be attached as an addendum to this report. Is documentation attached? Yes No
[See folder 2.A.2.c. MS4 Structure Inspections_23-24](#)
- d. How many permanent MS4 structures were maintained during this reporting period?

catch basins	1,920
ditches (miles or linear feet)	26.78 miles
detention/retention ponds & vaults	2
storm drain lines (miles or linear feet)	21.21 miles

- e. Documentation of each maintenance activity performed must be attached as an addendum to this report. Is documentation attached? Yes No

See folder [2.A.2.e. MS4 Structure Maintenance_23-24](#)

- f. Describe any tasks associated with control structure inspection and maintenance (e.g. repairs), not addressed in the questions above: [N/A](#)

3. Planning Procedures (Table 3.3.1, Item 3)

- a. Does your municipality have a comprehensive planning document (e.g. Master Plan), which in part addresses stormwater? Yes No
- b. If the answer to A.3.a was “yes”, describe any changes made to the stormwater portion of the comprehensive planning document during the reporting period: [The SWMP had minor revisions to reflect the EPD’s recommended changes from February 2024.](#)

4. Street Maintenance (Table 3.3.1, Item 4)

- a. What method do you use to conduct street cleaning:
- [Street sweeping](#)
 - [Litter removal](#)
- b. If you engage in street sweeping, how many miles of streets were swept during the reporting period? (Provide documentation): [38,202.79 miles.](#)
See folder [2.A.4.b-c. Street Sweeping_23-24](#)
- c. If you engage in litter removal, describe any litter removal activities performed during the reporting period (e.g. dates, people performing litter pickup, etc.), including the amount of debris removed (e.g., pounds, number of bags, or area cleaned) (e.g., miles of streets, areas) (Provide documentation): [3,285.89 tons.](#)
See folder [2.A.4.b-c. Street Sweeping_23-24](#)
- d. Describe any practices for maintaining streets that were not addressed in the questions above (deicing practices, road repair procedures, etc.) that reduce pollution from stormwater runoff: [Road maintenance projects that involve removal of pavement subgrade and landscaping are reviewed and inspected by the Stormwater Department for adequate sediment control.](#)

5. Flood Management Projects (Table 3.3.1, Item 5)

- a. **New** flood management projects

1. Were any newly proposed flood management projects (e.g. wet or dry retention ponds, water quality vaults, channels) assessed for water quality impacts during site plan review during the reporting period?

Yes No

2. If yes, provide the number of new projects where water quality assessments were performed: 2

3. Provide the number of projects that resulted in a new detention/retention structures: 0 Choose an item.

b. **Existing** flood management projects

1. Provide the number of existing permittee-owned flood management projects (e.g. detention and retention ponds) on the inventory: 6

2. Previously evaluated flood management devices

a. Were any existing permittee-owned structural flood management devices (e.g. wet or dry retention basins, water quality vaults, channels) evaluated during a previous reporting period to determine if retrofitting the device for additional pollutant removal is feasible?

Yes No

b. If yes, is documentation of the previous evaluation attached?

Yes No See folder 2.A.5.b.2.b. Evaluated Flood Management Projects_23-24

c. If no, explain why the documentation is not attached: N/A

3. For evaluated flood management projects, the permittee must attach a table listing the structure location or identification, the date of assessment, the results of the assessment, and the status of any retrofitting activities.

a. Is a table attached? Yes No

See folder 2.A.5.b.3.a. Evaluated Flood Management Projects_23-24

b. If the table is not attached, explain the reason: N/A

6. Municipal Facilities with the Potential to Cause Pollution (Table 3.3.1, Item 6)

a. The permittee must maintain and provide a current inventory of municipal facilities with the potential to cause pollution. Is an updated inventory attached to this report?

Yes No See folder 2.A.6.a. Municipal Facility Inventory_23-24

b. Provide the date of the inventory: February 15, 2024

c. Provide the number and percentage of the municipal facilities inspected:

Year	Total Number of Municipal Facilities	Number of Municipal Facilities Inspected	% Inspected
2022-2023	18	1	5.5
2023-2024	17	4	23.5
2024-2025			
2025-2026			
2026-2027			
TOTAL			

d. SWMP Compliance

1. Did you comply with the inspection frequency described in the SWMP?

Yes No

2. If not, describe the reason and provide the steps taken to comply with the SWMP during the next reporting period: N/A

e. Documentation of each inspection performed must be attached as an addendum to this report. Are completed inspection reports or some other type of documentation attached?

Yes No See folder 2.A.6.e. Municipal Facility Inspection_23-24

f. Describe any problems identified during the inspection and any corrective actions taken: N/A

g. Were any measures to control runoff from municipal facilities implemented during the reporting period? Yes No

If yes, provide details: N/A

7. Pesticide, Fertilizer and Herbicide (PFH) Application (Table 3.3.1, Item 7)

a. Were any of the following tasks related to a pesticide, herbicide, fertilizer management program completed during the reporting period?

Task Completed	Yes	No	Not Applicable
Developed or updated inventory of PFH used by MS4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipal employee safety training in use, storage and disposal of PFH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implemented program for municipal use of native, low-maintenance, or drought-resistant vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- b. Provide details for the tasks listed as completed in question Part 2.A.7.a above or describe any other programs or tasks performed during the reporting period (e.g. educational activities, certification of employees by Department of Agriculture, procedures or practices, etc.) related to PFH reduction at municipal facilities and rights-of-way. Where appropriate, provide date(s) and other specifics:

See folder [2.A.7.c. PFH Verification of Certification_23-24](#).

The chemical inventory is maintained by the Park and Tree Maintenance Division. Certified commercial applicators within the department maintain appropriate certifications under the State Department of Agriculture.

- c. Provide details for the tasks or programs performed during the reporting period (e.g. educational activities, verification of certification, permitting procedures, etc.) related to pollution reduction by commercial applicators and distributors. Where appropriate, provide date(s) and other specifics: See folder [2.A.7.c. PFH Verification of Certification_23-24](#).

B. Illicit Discharge Detection and Elimination (IDDE) Program (Section 3.3.2)

1. Legal Authority (Table 3.3.2, Item 1)

- a. Provide the date when the MS4's illicit discharge ordinance was adopted or last updated: [20 November 2018](#)
- b. Provide the date that the permittee evaluated the ordinance during the reporting period: [February 2024](#)
- c. If the ordinance was updated during this reporting period, then a copy of the adopted ordinance must be attached to this report. Is a copy of the ordinance attached?
Yes No

2. Outfall Inventory and Map (Table 3.3.2, Item 2)

- a. The permittee must maintain a current inventory and map of all of the MS4 outfalls and the names and location of all waters of the State that receive discharges from those outfalls. How many outfalls, owned or operated by the MS4, were added during the reporting period? [0](#)

- b. The permittee must submit an updated inventory and map showing the outfalls and the location and names of all receiving streams with each annual report. Are the inventory and map attached?

Yes No See folder 2.B.2.b. Outfall Inventory & Maps_23-24

3. Outfall Inspections (Table 3.3.2, Item 3)

- a. Provide the status of the outfall inspections conducted:

Year	Total Number of Outfalls	Number of Outfalls Inspected	% Inspected
2022-2023	224	11	5
2023-2024	224	60	26.8
2024-2025			
2025-2026			
2026-2027			
TOTAL			

- b. Did you comply with the inspection frequency described in the SWMP?

Yes No

- c. If not, describe the reason and provide the steps taken to comply with the SWMP during the next reporting period: N/A

- d. Of the outfalls screened during the reporting period, how many of the outfalls had flow? 13 – all were determined to be wet outfalls

- e. Attach completed outfall inspection forms for all outfalls inspected during the reporting period. Are inspection forms attached?

Yes No See folder 2.B.3.e Outfall Inspections_23-24

- f. For those outfalls with dry weather flow detected, provide information on the results of source identification activities. If laboratory testing was performed in order to verify a pollutant identity, then complete the last column of the table (attach additional sheets if necessary):

Outfall Designation (number or location)	Date Field Screening Performed	Date Laboratory Testing Performed
OF-55	12/15/2023	12/07/2023
OF-43	12/15/2023	N/A
FS-62	01/18/2024	N/A
OF-64	01/18/2024	N/A
OF-67	01/18/2024	N/A

OF-66	01/18/2024	N/A
OF-69	01/18/2024	N/A
OF-137	01/30/2024	N/A
OF-133	02/16/2024	02/16/2024
FS-148	01/31/2024	03/21/2024
FS-151	01/31/2024	02/16/2024
OF-80	02/07/2024	N/A
OF-173	02/01/2024	N/A

- g. For those outfalls with dry weather flow identified, describe the source tracing activities taken to identify the source, the identified source, and if the source was eliminated (attach additional sheets if necessary): Upstream inlets and manholes were inspected for flow. If upstream inlets/manholes had visible flow, water samples were collected and sent off to the laboratory for analysis. See folder 2.B.3.e Outfall Inspections_23-24.
- h. Provide documentation on any enforcement actions taken for each illicit discharge during the reporting period: N/A
- i. Alternate Method
1. Was an alternate method used to conduct inspections for illicit discharges? If yes, describe the activities conducted: N/A
 2. Is documentation attached demonstrating that at least one alternate method activity was performed during the reporting period?
Yes No
 3. If not, explain the reason the activity was not performed or the documentation was not attached: N/A
- j. Stream Walks (Table 3.3.2, Item 3)
1. Were any stream walks conducted during the reporting period?
Yes No NA
 2. If the stream walks were performed for a reason other than part of the dry weather outfall screening, explain the reason, provide the miles of stream walked, and documentation of the activity (e.g. stream walk form, photographs, etc.): N/A
 3. Were the stream walks performed in conjunction with dry weather outfall screening? Yes No

If yes, provide the following:

Year	Total Stream Miles	Number of Stream Miles Walked	% Walked
2022-2023			
2023-2024			
2024-2025			
2025-2026			
2026-2027			
TOTAL			

4. Spill Response (Table 3.3.2, Item 4)

- a. Provide information on any spill incidents which occurred during the reporting period, in which a substance entered the storm sewer system (e.g. sanitary sewer overflows, HAZMAT incidents, etc.) (attach additional sheets if necessary):

Spill Date	Spill Location	Party Responsible for Spill	Substance(s) Spilled	Amount Spilled
06/23/23	Island Expressway	City of Savannah	Sewage	29,180 gal
07/20/23	301 Eisenhower Dr	City of Savannah	Sewage	2,000 gal
09/19/23	40 North Cromwell	City of Savannah	Sewage	605 gal
02/26/24	139 Port Royal Dr	City of Savannah	Sewage	925 gal

See folder 2.B.4.a. Spill Reports_23-24

5. Public Reporting (Table 3.3.2, Item 5)

- a. Describe any activities performed during this reporting period to publicize and facilitate public reporting of illicit discharges (provide documentation): [The City of Savannah website has information regarding the 311 system and how to file a citizen report. Additionally, contact information of stormwater management personnel is posted on the Stormwater webpage.](#)
- b. Provide information on each complaint related to an illicit discharge received during the reporting period, including the nature of the complaint, investigatory actions, and the status of resolution (Table 3.3.2, Item 5): [See folder 2.B.5.b. IDDE Complaints_23-24](#)

6. Proper Management and Disposal (Table 3.3.2, Item 6)

- a. Describe any activities performed during this reporting period to facilitate the proper management and disposal of used oil and toxic materials, including educational activities, household waste collection programs, etc. (provide details where appropriate, such as dates): [The City Fats, Oils, and Grease team provides year-round opportunities to properly dispose of cooking oil/grease at the President Street Water Reclamation Facility. Social media ads are used to promote awareness of proper disposal techniques, and outreach videos run on the City TV channel. Videos can also be found on the City website.](#)

7. Sanitary Sewer Infiltration (Table 3.3.2, Item 7)

- a. Does your MS4 own/operate the sanitary sewer system? If no, skip to Section C. Describe any activities performed during this reporting period to detect and eliminate seepage from municipal sanitary sewers to the storm sewer system: [The City Water and Sewer and Stormwater Departments jointly maintain an active I&I program. This program consists of smoke testing, line televising, lateral inspections, and various source tracing efforts to detect and eliminate leaks, cross connections, and sewer seepage.](#)

C. Industrial Facility Stormwater Discharge Control Program (Section 3.3.3)

1. Inventory (Table 3.3.3, Item 1)

- a. The permittee must maintain a current inventory of industrial facilities that discharge to the MS4. Is an updated inventory attached to this report?
[Yes](#) [No](#) [See folder 2.C.1.a. Industrial Facility Inventory_23-24](#)
- b. Provide the date of the inventory: [February 15, 2024](#)

2. Inspections (Table 3.3.3, Item 2)

- a. Were any inspections of industrial facilities conducted during the reporting period?
[Yes](#) [No](#)
- b. If inspections of industrial facilities were performed, then a copy of each completed inspection report form must be attached as an addendum to this report. **(Note: The MS4 should ensure that the inspection report addresses stormwater issues, not just industrial pretreatment requirements).** Are any industrial facility inspection reports attached?
[Yes](#) [No](#) [See folder 2.C.2.b. Industrial Facility Inspections_23-24](#)

- c. Provide the number and percentage of the total number of industrial facilities inspected:

Year	Total Number of Facilities	Number of Facilities Inspected	% Inspected
2022-2023	33	3	9
2023-2024	47	12	26
2024-2025			
2025-2026			
2026-2027			
TOTAL			

- d. SWMP Compliance

1. Did you comply with the inspection frequency described in the SWMP?
Yes No
2. If not, describe the reason and the steps taken to comply with the SWMP during the next reporting period: *N/A*

- e. Monitoring (Table 3.3.3, Item 2)

1. Did the permittee determine that any industrial users are a substantial pollutant loading to the MS4?
Yes No
2. Was any monitoring of the stormwater runoff from these industrial users conducted by the permittee or were monitoring results requested and received from the industrial facility during the reporting period?
Yes No NA
3. The results of any monitoring performed should be attached as an addendum to this report. Are monitoring results attached?
Yes No

3. Enforcement (Table 3.3.3, Item 3)

- a. Were any enforcement actions taken against industrial facilities for stormwater violations during the reporting period (Table 3.3.3, Item 3)?
Yes No
- b. If yes, provide documentation, including the number and type of enforcement actions, the violations addressed, etc.: [See folder 2.C.3.b. Industrial Facility Stormwater Violations_23-24](#)

4. Educational Activities (Table 3.3.3., Item 4)

- a. Describe the educational activities performed during the reporting period which targeted industries and attach documentation of any activities (Table 3.3.3, Item 4):
[See folder 2.C.4.a. Industrial Site Education Handout_23-24](#)

D. Construction Site Management Program (Section 3.3.4)

1. Local Issuing Authority status

- a. Are you a Local Issuing Authority (LIA)? Yes No
- b. If you are an LIA, you are required to submit semi-annual reports to the Georgia Soil and Water Conservation Commission (GSWCC) per O.C.G.A. 12-7-8. Did you provide the required reports to GSWCC? Yes No
- c. Provide the dates that the semi-annual reports were submitted to the GSWCC. If the reports were not submitted, then explain the reason: [July 2023 and January 2024](#)
- d. Provide copies of the semi-annual reports. Are the reports attached? Yes No
[See folder 2.D.1.d. GSWCC Semi Annual Reports_23-24](#)
- e. If the semi-annual reports are not attached, then explain the steps the permittee will take to correct this deficiency in the future: [N/A](#)

2. Legal Authority (Table 3.3.4, Item 1)

- a. Provide the date the Erosion and Sedimentation ordinance was evaluated during the reporting period: [N/A](#)
- b. When was the MS4's ordinance to control soil erosion and sediment adopted or last updated? [January 3, 2019](#)
- c. If the ordinance was adopted or updated during this reporting period, then a copy of the adopted ordinance must be attached as an addendum to this report. Is a copy of the ordinance attached? Yes No

3. Site Plan Review (Table 3.3.4, Item 2):

- a. Number of site plans received: [387](#)
- b. Number of site plan reviews conducted: [387](#)
- c. Number of site plans approved: [126](#)
- d. Number of site plans denied: [0](#)

- e. Other (please describe): [N/A](#)
- f. A list or table of site plans reviewed, denied, and/or approved during the reporting period should be provided. Is this information attached?
Yes No [See folder 2.D.3.f. Plan Reviews_23-24](#)
- g. Provide information on construction related permitting activities conducted during the reporting period (Table 3.3.4, Item 2):
 - 1. Number of land disturbing activity (LDA) permits issued: [126](#)
 - 2. A list or table of permits issued during the reporting period should be provided. Is this information attached? Yes No [See folder 2.D.3.g. Permits Issued_23-24](#)

4. Inspection Program (Table 3.3.4, Item 3)

- a. How many active construction sites were inspected during the reporting period? [253](#)
- b. How many total inspections of these active construction sites were conducted during the reporting period? [654](#)
- c. A list or table of active sites and the number and dates of inspections conducted on each of these sites should be provided. Is this information attached?
Yes No [See folder 2.D.4.c. Site Inspections_23-24](#)

5. Enforcement (Table 3.3.4, Item 4)

- a. Provide information on enforcement activities (e.g. stop work orders, warning letters, etc.) at construction sites for erosion and sediment control violations taken during the reporting period, including the amount of any assessed penalties. (attach additional sheets if necessary):
[See folder 2.D.5.a. Erosion Inspection Enforcement_23-24](#)

Site Location	Type of Enforcement Action	Date of Enforcement	Amount of Penalty

6. Certification (Table 3.3.4, Item 5)

- a. MS4 staff involved in construction activities must be trained and certified in accordance with the rules adopted by the Georgia Soil and Water Conservation Commission (GSWCC). Provide documentation of each current certification (e.g. copies of certification cards, printouts from GSWCC website). Is the information attached? Yes No See folder 2.D.6.a. MS4 GSWCC Certifications_23-24

E. Highly Visible Pollutant Sources (HVPS) (e.g. commercial car washes, auto part stores, nurseries, home improvement stores, auto repair shops, gas stations, veterinary clinics, kennels) (Section 3.3.5):

1. Inventory (Table 3.3.5, Item 1)

- a. The permittee must maintain a current inventory of HVPS facilities that discharge to the MS4. Is an updated inventory attached? Yes No See folder 2.E.1.a HVPS Inventory_23-24
- b. If any new HVPS were identified during the reporting period, what type(s) of facility were they? Pet vets/shops (541940, 812910) and auto repair/oil change shops (811111, 811121, 811191, 811198, 441310, 441320)
- c. Provide the date of the updated inventory: February 15, 2024

2. Inspections (Table 3.3.5, Item 2)

- a. Were any inspections performed on HVPS during the reporting period? Yes No
- b. Are copies of completed inspection forms attached? Yes No See folder 2.E.2.b HVPS Inspections_23-24
- c. Provide the number and percentage of the total number of HVPS facilities inspected:

Year	Total Number of Facilities	Number of Facilities Inspected	% Inspected
2022-2023	171	8	5
2023-2024	188	38	20
2024-2025			
2025-2026			
2026-2027			
TOTAL			

- d. Did you comply with the inspection frequency described in the SWMP? Yes No

- e. If not, describe the reason and the steps taken to comply with the SWMP during the next reporting period: [N/A](#)
3. Enforcement (Table 3.3.5, Item 3)
- a. For those HVPS facilities inspected during the reporting period at which the MS4 identified a problem, provide details as to any enforcement action taken by the MS4 and attach documentation: [N/A](#)

Facility Name	Facility Location	Action Taken by MS4

4. Educational Activities (Table 3.3.5, Item 4)
- a. Describe the educational activities performed during the reporting period that targeted HVPS facilities and provide documentation of the activities: [During HVPS inspections, a handout describing common HVPS pollutants, the significance of pollutants entering stormwater, pollution control measures, and best management practices is provided to staff on site. Good housekeeping procedures and a tailored explanation of the local stormwater system are also discussed. See folder 2.E.4.a HVPS Educational Handout_23-24](#)

Part 3 - Changes to the SWMP (Section 4.1)

A. Update of MS4 areas

- 1. Were any additional areas added to the MS4 system? Yes No
 - a. If yes, was it through development of a previously undeveloped area? Yes No
 - b. If yes, was it through annexation of an area? Yes No
- 2. Are an inventory and map of the MS4 permanent control structures in the additional areas attached? Yes No [N/A](#)

B. Staffing

- 1. How many full-time equivalents were dedicated to implementing the SWMP during the reporting period? [5](#)

2. Did the amount of full-time equivalents dedicated to implementing the SWMP during this reporting period differ from the previous reporting period either by an increase or decrease in numbers? Yes No

If yes, please explain whether it was a decrease or increase and the reason for the man-hour differences: *N/A*

- C. Are there any changes to the SWMP proposed for the upcoming reporting period? If so, please describe: *Yes, EPD comments were received in February 2024 regarding our SWMP that was submitted in May 2023. These proposed SWMP changes to address EPD's comments are related to the Impaired Waters (Section 3.3.7) and Public Education (Section 3.3.9).*

Part 4 - Enforcement Response Plan (ERP) (Section 3.3.6)

- A. The permittee was required to develop an ERP describing the action to be taken for violations associated with the IDDE, industrial, construction, HVPS, and other SWMP programs. Has an ERP been completed?
Yes No
- B. If the ERP was not completed, explain why and provide the status of the document development: *N/A*

Part 5 - Impaired Waters (Section 3.3.7)

- A. Impaired waters added to 305(b)/303(d) list **this** reporting period:
1. Was a new impaired water added to the 305(b)/303(d) list during **this** reporting period?
Yes No

If yes, provide the following information for any impaired waters located within your jurisdictional area that are included on the latest approved 305(b)/303(d) list:

Name of Water	Pollutant of Concern
<i>Casey Canal (Head of Canal to DeRenne Ave)</i>	<i>Dissolved Oxygen, Fecal Coliform</i>
<i>Csey Canal (DeRenne Ave to Montgomery Cross Rd)</i>	<i>Dissolved Oxygen, Fecal Coliform</i>
<i>Hayners Creek (Montgomery Cross Rd to Vernon River)</i>	<i>Dissolved Oxygen, Fecal Coliform</i>
<i>Salt Creek (headwaters to bend one mile U/S of US Hwy 17)</i>	<i>Dissolved Oxygen</i>

Little Ogeechee River (Little Ogeechee Pond to below US 17)	Dissolved Oxygen, Fecal Coliform, Selenium
Little Ogeechee River (Vernon River to Ossabaw Sound)	Enterococci
Ogeechee River (Black Creek to Canoochee River)	Fecal Coliform, TWR (Mercury)
Ogeechee River (Canoochee River to US 17)	TWR (Mercury)
Ogeechee River (US 17 to Richmond Hill, 4.7 miles downstream US 17)	TWR (Mercury)
Pipemakers Canal (Unnamed Tributary U/S of Dean Forest Road to Savannah River)	Fecal Coliform
Tributary to Salt Creek (Headwaters near Louis Mill Blvd to Trib. 500' downstream Veterans Parkway)	Fecal Coliform
Salt Creek (Bend one mile U/S US Hwy. 17 to Hardin Canal)	Fecal Coliform
Savannah Harbor (SR 25 to Elba Island Cut)	Dissolved Oxygen

2. For any impaired waters added to the 305(b)/303(d) list this reporting period, you must develop an Impaired Waters Plan (IWP). As part of the IWP, you must:

i. Provide a map showing the impaired waters, all MS4 outfalls occurring on these waters or within one linear mile upstream, and sampling location(s). Is the map attached?

Yes No

See 5.A.2.i SWMP Impaired Waterbodies Plan Appendix H Figures 1-3_23-24

ii. If not, provide a schedule for completing the map: N/A

iii. Develop a monitoring plan for each pollutant of concern (POC), including the sample type, frequency, any seasonal considerations, and an implementation schedule for starting monitoring and confirming the location of all MS4 outfalls discharging to the segment. Is the monitoring plan attached?

Yes No

See 5.A.B. SWMP Impaired Waterbodies Plan Appendix H_23-24, dated March 2024

3. Was a Sampling and Quality Assurance Plan (SQAP) submitted to EPD?

Yes No N/A

a. If yes, has the SQAP been approved by EPD? Yes No

4. Provide a list of best management practices (BMPs) to be implemented to address the POC, including a description of each BMP and a schedule for implementation of the BMPs: See 5.A.B. SWMP Impaired Waterbodies Plan Appendix H_23-24, dated March 2024

B. Impaired waters included on the 305(b)/303(d) list during previous reporting periods:

1. Was an Impaired Waters Plan (IWP) developed during a **previous** reporting period?
 Yes No

If yes, provide the following information for any impaired waters located within your jurisdictional area that are included on the latest approved 305(b)/303(d) list and addressed in a previously developed IWP:

Name of Water	Pollutant of Concern	Sampling Frequency
Casey Canal (Head of Canal to DeRenne Ave)	Dissolved Oxygen, Fecal Coliform	Quarterly Geomeans
Csey Canal (DeRenne Ave to Montgomery Cross Rd)	Dissolved Oxygen, Fecal Coliform	Quarterly Geomeans
Hayners Creek (Montgomery Cross Rd to Vernon River)	Dissolved Oxygen, Fecal Coliform	Quarterly Geomeans
Little Ogeechee River (Little Ogeechee Pond to below US 17)	Dissolved Oxygen, Fecal Coliform, Selenium	No outfall within one mile (no sampling performed)
Ogeechee River (Black Creek to Canoochee River)	Fecal Coliform, TWR (Mercury)	No outfall within one mile (no sampling performed)
Pipemakers Canal (Unnamed Tributary U/S of Dean Forest Road to Savannah River)	Fecal Coliform	No outfall within one mile (no sampling performed)
Savannah Harbor (SR 25 to Elba Island Cut)	Dissolved Oxygen	Sampling performed by USGS sampling station at USACE docks. Sampling parameters outside of MS4 control.

2. For any impaired waters covered by an existing IWP, you must:

- a. Attach a copy of the approved IWP. Is the IWP attached? Yes No
 See 5.A.B. SWMP Impaired Waterbodies Plan Appendix H_23-24, dated March 2024

- b. Was a Sampling and Quality Assurance Plan (SQAP) submitted to EPD?
 Yes No N/A

- c. If yes, has the SQAP been approved by EPD? Yes No
- d. Provide monitoring data for each POC. Is the monitoring data attached?
Yes No See folder 5.B.2.d-e. Monitoring Data Assessment_23-24
- e. Provide an assessment of the monitoring data related to water quality (e.g. line graphs, narrative). Is the assessment attached? Yes No
See folder 5.B.2.d-e. Monitoring Data Assessment_23-24
- f. If the monitoring data and assessment are not attached, explain the reason: N/A
- g. Provide an assessment of the effectiveness of each BMP chosen to address the POC. Is the BMP assessment attached?: Yes No See folder 5.B.2.d-e. Monitoring Data Assessment_23-24
- h. If an assessment was not performed, explain why: N/A
- i. If you plan to delete any BMPs, modify any existing BMPs, or use any new BMPs during the next reporting period, describe the revisions: N/A

Part 6 – Municipal Employee Training, Public Education/Public Involvement (Sections 3.3.8, 3.3.9, and 3.3.10)

A. Municipal Employee Training

- 1. Provide information on any employee training provided during the reporting period:
Date of Training: February 27, 2024
Topic(s) of Training: Emerging Trends in Stormwater Management
Number of employees trained: 14
Who conducted the training: Pond & Company
Method of training: Presentation
- 2. The permittee must provide documentation of the training provided, such as through sign-in sheets, photographs, or other. Is documentation attached?
Yes No See folder 6.A.2. Employee Training_23-24

B. Public Education Program

- 1. Did you implement a public education program? Yes No
- 2. Describe any SWMP educational activities undertaken during the reporting period, (include details as to the nature of the activity, date, number of people attending, etc.), and provide documentation of each activity:
 - a. Activity #1: Stormwater Webpage

i. Describe the public education activity: The City of Savannah continues to maintain a Stormwater Management webpage that is linked through the City's homepage: <https://www.savannahga.gov/>

ii. Provide the measurable goal for the activity: [Maintain website and keep track of webpage visits.](#)

iii. Did you comply with the measurable goal: Yes No

iv. If no, describe the reason:

v. You must attach documentation of activity implementation. Is documentation attached? Yes No

[See document 6.B.2.a Stormwater Website_23-24](#)

b. Activity #2: [Information Booklet](#)

i. Describe the public education activity: [City of Savannah distributed information booklet to new and existing water customers to educate customers on water resource issues including stormwater pollution prevention.](#)

ii. Provide the measurable goal for the activity: [Keep track of booklets distributed.](#)

iii. Did you comply with the measurable goal: Yes No

iv. If no, describe the reason:

v. You must attach documentation of activity implementation. Is documentation attached? Yes No

[See document 6.B.2.b Information Booklet_23-24](#)

c. Activity #3: [Educational Tours/School Lectures](#)

i. Describe the public education activity: [The City's Water Resources Division conducted tours of municipal facilities throughout the year as part of the "One Water" program or other educational outreach efforts to educate students and the public about flooding and stormwater management, drinking water supply and treatment, and wastewater treatment. Tours are available to the public and students of all ages.](#)

ii. Provide the measurable goal for the activity: [Provide at least one educational tour and/or school lecture each year.](#)

iii. Did you comply with the measurable goal: Yes No

iv. If no, describe the reason:

v. You must attach documentation of activity implementation. Is documentation attached? Yes No

[See document 6.B.2.c. Educational Tours_23-24](#)

d. Activity #4: [Native Plant Sale](#)

i. Describe the public education activity: [The City partners with Chatham County, Tybee, Pooler, and local plant vendors to organize a native plant sale every year in the spring at the Coastal Botanical Gardens. Local plant vendors have a selection of native species for sale that will thrive in the coastal environment. The Native Plant Sale & Tree Giveaway focuses on the importance of native plants and trees to the coastal environment and local water bodies. At the event, City hosts kid-friendly educational activities and raffles off rain barrels. Raffle tickets are distributed based on the number](#)

of native plants purchased by the attendee. The event is advertised on social media and online newsletters.

ii. Provide the measurable goal for the activity: [Manage sale of native plants and distribution of rain barrel raffle tickets.](#)

iii. Did you comply with the measurable goal: Yes No

iv. If no, describe the reason:

v. You must attach documentation of activity implementation. Is documentation attached? Yes No

[See document 6.B.2.d. Native Plant Sale_23-24](#)

C. Public Involvement

1. Did you implement a public involvement program?

Yes No

2. Describe any SWMP activities performed during the reporting period to involve the public in the program (e.g. Adopt-A-Stream, Adopt-A-Road, storm drain stenciling, Rivers Alive). Provide details such as the nature of the activity, the date(s), the number of volunteers, etc.:

a. Activity #1: [Public Input on SWMP and Annual Report](#)

i. Describe the public involvement activity: [The City invited the public to provide input on the SWMP by posting a copy of the 2023 draft document \(before finalization and transmittal to the EPD\) as well as the 2022-23 MS4 Annual Report transmitted to the EPD on the City's website. The website contains a link that allows the public to submit comments to the City on the proposed best management practices included within the SWMP as well as on the activities summarized in the Annual Report. The City will incorporate any needed revisions to the SWMP, and address any comments provided on the Annual Report.](#)

ii. Provide the measurable goal for the activity: [Consider input and comments from the public.](#)

iii. Did you comply with the measurable goal: Yes No

iv. If no, describe the reason:

v. You must attach documentation of activity implementation. Is documentation attached? Yes No

[See document 6.C.2.a. Public Input on SWMP and AR_23-24](#)

b. Activity #2: [Rivers Alive - River Litter Clean-up](#)

i. Describe the public involvement activity: [The City hosted the river litter cleanup event with Clean Coast and the Ogeechee Riverkeeper on October 28, 2023.](#)

ii. Provide the measurable goal for the activity: [The City will support Savannah and Ogeechee Riverkeeper with river clean-up events and continue to support community clean up events.](#)

iii. Did you comply with the measurable goal: Yes No

iv. If no, describe the reason:

- v. You must attach documentation of activity implementation. Is documentation attached? Yes No

See document 6.C.2.b. River Litter Clean-up_23-24

c. Activity #3: Adopt-A-Drain Program

i. Describe the public involvement activity: The City has implemented an Adopt-A-Drain program to educate local citizens about the importance of keeping stormwater drains free of litter and debris, and to encourage citizens to help keep stormwater drains clean in their neighborhood and/or other areas throughout the City through active involvement.

ii. Provide the measurable goal for the activity: Encourage the public to adopt new storm drains every year (continue program every year)

- iii. Did you comply with the measurable goal: Yes No

iv. If no, describe the reason:

- v. You must attach documentation of activity implementation. Is documentation attached? Yes No

See document 6.C.2.c. Adopt-A-Drain_23-24

d. Activity #4: Rain Barrel Voucher Program

i. Describe the public involvement activity: City of Savannah water customers complete a simple one-page application and are given up to two barrels per water account. Customers must send pictures of the installed barrels, or the price of the barrels will be placed on their water bill.

ii. Provide the measurable goal for the activity: Continuation of the rain barrel voucher program each year.

- iii. Did you comply with the measurable goal: Yes No

iv. If no, describe the reason:

- v. You must attach documentation of activity implementation. Is documentation attached? Yes No

See document 6.C.2.d. Rain Barrel Voucher_23-24

Part 7- Post-Construction (Section 3.3.11(b)(2))

A. Legal Authority (Table 3.3.11(b)(2), Item 1)

1. Provide the date when the MS4 post-construction ordinance(s) was adopted or updated: November 20, 2018
2. If required, provide the date the 2019 Metropolitan North Georgia Water Planning District post-construction ordinance was adopted: N/A
3. If an ordinance was updated during this reporting period, then a copy of the adopted ordinance must be attached. Is a copy of the ordinance attached?
Yes No

4. Does the ordinance include the adoption and implementation of the Georgia Stormwater Management Manual, the Coastal Supplement, and/or an equivalent local design manual?

Yes No

5. Provide either the date the design manual was adopted and the Stormwater Runoff Quality/Reduction performance standard was implemented: [March 22, 2012](#)

6. If the permittee has not implemented the Stormwater Runoff Quality/Reduction performance standard, then explain why and provide the status: [N/A](#)

7. The permittee is required to continue to evaluate its ordinances, building codes, and other regulations to ensure they do not prohibit or impede the use of GI/LID practices.

a. Was an evaluation performed during the reporting period? Yes No

- b. If yes, then describe the method used to conduct the evaluation (Attach documentation of the evaluation performed):

- c. If no, explain the reason: [The latest SWMP was submitted to EPD in March 2024. The City relies on mandatory codes specified by GA construction codes to evaluate building construction, the GA Stormwater Management Manual, and the Coastal Stormwater Supplement to evaluate infrastructure development and construction site management, including its applicability to GI/LID practices. The GILID Plan \(SWMP Appendix G\), dated March 2023 was recently approved by EPD in a letter dated April 21, 2023. The Stormwater Ordinance will be evaluated for necessary changes this calendar year.](#)

8. Were any revisions to the ordinances or regulations completed during this reporting period?

Yes No

9. If any ordinances or regulations were revised to remove obstacles to GI/LID during this reporting period, then a copy of the adopted document(s) must be attached to this report. Provide a list, table, or chart of the GI/LID changes. Include the document name and section affected in the list, table, or chart. Is a copy of any modified ordinance or regulation attached?

Yes No

If yes, then is a list, table or chart of the GI/LID changes attached?

Yes No

B. GI/LID Program (Table 3. 3.11(b)(2), Item 2)

1. The permittee was required to develop a program for implementing GI/LID practices. Has the program been submitted to EPD?

Yes No

If yes, has the program been approved by EPD? Yes No

2. Was a Linear Transportation Feasibility Program developed? Yes No

If yes, has the program been approved by EPD? Yes No

3. Were any revisions made to the GI/LID program during the reporting period?
Yes No

If yes, then the revised program must be submitted to EPD for review. Is the revised GI/LID program attached? Yes No

C. GI/LID Structure Inventory (Table 3.3.11(b)(2), Item 3)

1. The permittee must maintain an inventory of permittee-owned, publicly-owned by other entities, and privately-owned non-residential water quality-related GI/LID structures, within the permittee's jurisdiction. Is an updated inventory attached to this report?
Yes No See folder 7.C.1 GILID Structure Inventory_23-24

2. Provide the total number of GI/LID structures included on the inventory:
Permittee-owned: 20
Publicly-owned by other entities: 10
Privately-owned non-residential: 219

D. GI/LID Structure Inspection and Maintenance (Table 3.3.11(b)(2), Item 4)

1. Were any inspections of GI/LID structures conducted during the reporting period?
Yes No NA

2. If inspections of GI/LID structures were performed, then a copy of each completed inspection form must be attached to this report. Are any GI/LID structure inspection forms attached? Yes No See folder 7.D.2 GILID Inspections _23-24

3. Provide the number and percentage of the total number of GI/LID structures inspected during the reporting period:

Permittee-Owned Structures

Year	Total Number GI/LID Structures	Number Inspected	% Inspected
2022-2023	20	0	0
2023-2024	20	1	5
2024-2025			
2025-2026			

2026-2027			
TOTAL			

Publicly-Owned By Other Entities Structures

Year	Total Number GI/LID Structures	Number Inspected	% Inspected
2022-2023	9	0	0
2023-2024	10	2	20
2024-2025			
2025-2026			
2026-2027			
TOTAL			

Privately-Owned Non-Residential Structures

Year	Total Number GI/LID Structures	Number Inspected	% Inspected
2022-2023	207	21	10
2023-2024	219	17	7.8
2024-2025			
2025-2026			
2026-2027			
TOTAL			

4. How many permittee-owned GI/LID structures were maintained during the reporting period? Attach documentation of the activities: 20. City Parks are maintained by the Park and Tree department.
5. Describe any activities performed to ensure publicly-owned by other entities and privately-owned non-residential GI/LID structures were maintained. Provide the summary list of maintenance agreements and documentation of any activities taken to ensure these structures were maintained: Routine Inspections as required indicate that maintenance is being performed per the Maintenance Agreement. See folder 7.D.5 GILID Agreements and Documents_23-24

Part 8 - Assessment of Controls/Fiscal Analysis (Section 4.1)

A. Assessment of Controls

1. Are revisions to the assessment of controls included in the approved SWMP necessary?
Yes No
2. If yes, describe the necessary revisions: N/A

B. Fiscal Analysis

1. Reporting Period Expenditures

- a. What was the funding source(s) for this reporting period's expenditures? [General Fund](#)
- b. A summary of the expenditures for the SWMP during the reporting period must be attached as an addendum to this report. Is a copy of the reporting period's expenditures attached? Yes No See folder [8.B.1.b. COS Stormwater Budget_4-2023 to 12-2023](#)

2. Next Reporting Period's Budget

- a. What will be the funding source for the next reporting period's budget? [General Fund](#)
- b. A summary of the proposed budget for the SWMP for the next reporting period must be attached as an addendum to this report. Is a copy of the proposed budget for the next reporting period attached? Yes No

The department won't know the budget for the second portion of the upcoming reporting cycle until the start of 2025. See folder [8.B.2.b. COS Stormwater Budget_1-2024 to 4-2024](#)