

**DANA WILLIAMS**  
MAYOR

**ROBERT L. MILIE**  
TOWN ADMINISTRATOR

**DEATRE N. DENION**  
CLERK/ZONING ADMINISTRATOR

**CHARLES W. BARROW**  
TOWN ATTORNEY



**COUNCIL MEMBERS**

**DAVID P. CRENSHAW**

**BROOKS BARBAREE**

**EDWARD M. DROHAN, III**

**JAMES P. LAVIN**

**BETHANY SKIPPER-GREER**

**LAWRENCE WARD**

May 11, 2022

Miranda Knepp  
Environmental Compliance Specialist  
Stormwater Unit, Watershed Protection Branch  
Environmental Protection Division  
2 Martin Luther King, Jr. Drive SE  
Suite 1462 East Tower  
Atlanta, Georgia 30334

RE: Town of Thunderbolt, Georgia Phase I Medium Municipal Separate Storm Sewer System (MS4) 2021–2022 Annual Report, Permit #GAS000211

Dear Ms. Knepp,

Enclosed you will find the Phase I Medium MS4 2021–2022 Annual Report for the Town of Thunderbolt, Georgia. This report summarizes activities that took place for the reporting period April 1, 2021–March 31, 2022. Due to the large volume of appendices referenced in the Annual Report, the appendices are included as electronic files on the enclosed flash drive. The electronic files are organized with a primary folder for each Minimum Control Measure (MCM) and subfolders for each BMP included within the corresponding MCM folder. The specific BMP subfolders contain supporting documentation and information required per the Town's Stormwater Management Plan. When supporting documentation is provided, the subfolders are referenced by number in the Annual Report.

If you have any questions, or require additional information, please contact me at (912) 629-4655.

Sincerely,

Deatre Denion, Town Clerk  
Town of Thunderbolt, Georgia

**State of Georgia**  
**Environmental Protection Division**

**Phase I Medium**  
**Municipal Separate Storm Sewer System**  
**2021 -2022 Annual Report**  
**for**  
**Thunderbolt, GA**

**Return to:**

Georgia Environmental Protection Division  
Watershed Protection Branch  
NonPoint Source Program

2 Martin Luther King, Jr. Dr., Suite 1462 East  
Atlanta, Georgia 30334

Version: February 2021

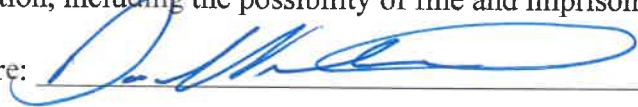
**Phase I Medium Municipal Separate Storm Sewer System (MS4)**  
**Annual Report**

**Part 1- General Information**

- A. Name of Permittee: Town of Thunderbolt
- B. Mailing Address: 2821 River Drive/Thunderbolt, GA 31404
- C. Contact Person: Deatre Denion Title: Town Clerk
- D. E-Mail Address: ddenion@thunderboltga.org
- E. Telephone Number: (912) 629-4655
- F. Reporting Period (April 1, 2021 through March 31, 2022  )
- G. List any other party or parties (e.g. Keep America Beautiful affiliates) responsible for implementing the Storm Water Management Program (SWMP) or a program component during this reporting period. If not previously submitted, provide a Memorandum of Agreement: Chatham County is responsible for inspecting and maintaining major canals (1.67 miles of Placentia Canal and 0.24 miles of Downing Canal) that are located within the Town's municipal limits. A current intergovernmental agreement is provided in Appendix 1.2.
- 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: Dana Williams

Title: Mayor, Town of Thunderbolt

Date: 5/4/2022

**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 control structures. At a minimum, include catch basins, ditches, detention/retention ponds, and storm drain lines.

1. Structural Controls (Table 3.3.1, Item 1)

- a. How many permanent control structures for which the MS4 is responsible were added during this reporting period? (explain type and number of each) *One ditch segment totaling 93.4 feet in length was added this reporting period. An updated control structure map and inventory is provided in Appendix 1.1. Please note due to the extremely small length of this ditch segment compared to the inventory total, the addition did not change the reporting numbers in the inventory.*
- b. Including the structures added this reporting period, what is the total number of permanent control structures which the permittee is responsible for inspecting and maintaining?

catch basins	32
ditches (miles or linear feet)	1.5 miles
detention/retention ponds	0
storm drain lines (miles or linear feet)	8.1 miles

- c. Are an updated inventory and map of the permanent control structures attached?  
Yes  No  A copy of an updated inventory and map are provided in Appendix 1.1.

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 control structures were inspected?

**Catch Basins**

<b>Year</b>	<b>Total Number Catch Basins</b>	<b>Number Catch Basins Inspected</b>	<b>% Inspected</b>
2017-2018	32	9	28
2018-2019	32	12	38
2019-2020	32	2	6
2020-2021	32	3	9
2021-2022	32	6	19
<b>TOTAL</b>	32	32	100

**Pipes(a)**

<b>Year</b>	<b>Total Pipes Number or Length (specify ft. or miles)</b>	<b>Number of Pipes or Length Inspected (specify ft. or miles)</b>	<b>% Inspected</b>
2017-2018	8.2 miles	1.5 miles	18
2018-2019	8.2 miles	2.2 miles	27
2019-2020	8.1 miles	1.7 miles	21
2020-2021	8.1 miles	1.5 miles	19
2021-2022	8.1 miles	1.2 miles	15
<b>TOTAL</b>	8.1 miles(a)	8.1 miles(a)	100(a)

*a/A database detailing pipe (storm drain line) inspections is provided in Appendix 1.2. As of 3/31/22, 100% of the Town's pipes have been inspected. Please keep in mind the numbers provided above in the summary tables have been rounded up or down; exact lengths are provided in the inspection database. The Town has updated the pipe inspection data for previous reporting periods in the table above and a summary spreadsheet detailing the corrected numbers for previous reporting periods, as well as 21-22, is provided for documentation (see worksheet titled "5 Year Sum" in the inspection database). The numbers were recalculated because the GIS methodology for inventorying and tracking pipe inspections changed during the 2017 – 2022 permit period. (During the first 3 reporting periods, pipe inspection numbers were calculated from GIS "points" instead of "lines." For reporting periods 20-21 and 21-22, pipes inspection lengths were calculated using "line" features. The Town re-calculated all of the numbers this year to maintain reporting consistency.) The Town's GIS now includes an individual line feature for each pipe segment that will be inventoried and inspected as such for the future moving forward into the new 5-year period.*

**Ditches**

Year	Total Ditches Number or Length (specify ft. or miles)	Number of Ditches or Length Inspected (specify ft. or miles)	% Inspected
2017-2018	2.5 miles	.72 miles	27
2018-2019	2.5 miles	.3 miles	11
2019-2020	1.5 miles	.1 miles	7
2020-2021	1.5 miles	.12 miles	8
2021-2022	1.5 miles	.28 miles	19
<b>TOTAL</b>	1.5 miles	1.5 miles	100

**Detention/Retention Ponds**

Year	Total Number of Ponds	Number of Ponds Inspected	% Inspected
2017-2018	0	0	0
2018-2019	0	0	0
2019-2020	0	0	0
2020-2021	0	0	0
2021-2022	0	0	0
<b>TOTAL</b>	0	0	100

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

*A map and database showing MS4 structures inspected during the reporting period are provided in Appendix 1.2.*

- d. How many permanent control structures were maintained during this reporting period?

catch basins	543 catch basins & inlets*
ditches (miles or linear feet)	9.4 miles*
detention/retention ponds	None (no public ponds)
storm drain lines (miles or linear feet)	0 * catch basins/inlets and ditches are maintained more than once

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

*Documentation of maintenance activities is provided in Appendix 1.2.*

- f. Describe any tasks associated with control structure inspection and maintenance (e.g. repairs), not addressed in the questions above: *Maintenance records are provided in Appendix 1.2. The Town regularly inspects and/or maintains catch basins, outfall ditches, and roadside/non-outfall ditches to ensure effective operation. Litter and sediment are removed as needed from all municipal-owned roadside ditches. Right-of-ways (ROWs) are mowed and excess emergent vegetation is removed to ensure proper functioning of the ditches as well as to allow staff a better line of sight to view any problems associated with the system. Unincorporated Chatham County currently has an agreement with the Town to assist with maintenance of major canals. A copy of the agreement is provided in Appendix 1.2. Chatham County is responsible for the operation and maintenance of 1.67 miles of Placentia Canal, 0.14 miles of Downing N, and 0.10 miles of Downing S.*

3. Master Plan (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 Town updated its comprehensive plan in 2021 as part of the required 5-year update. A copy of the Town’s 2016 Comprehensive Plan and 2021 update are included in Appendix 1.3.*

4. Street Maintenance (Table 3.3.1, Item 4)

- a. How many miles of streets were swept during the reporting period? (Provide documentation) *The Town manually swept 6.7 miles of streets during the reporting period. Copies of Town work orders related to MS4 maintenance, including street sweeping that is done manually, are included in Appendix 1.2.*
- b. 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): *Routine litter removal activities are typically done in-house by the Public Works Department. Public Works staff removes litter/trash daily at the Town's three parks, and litter removal is also completed anytime a citizen complaint is made to the Town or if there is a specific work order for any materials dumped throughout the Town. The Town manually removes litter from streets before sweeping and ditches before mowing. Documentation of maintenance activities performed by Public Works is provided in Appendix 1.4.*

- c. 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: *The Town repairs potholes, etc., throughout the Town's jurisdiction, and it ensures that land disturbances resulting from road construction is stabilized as much as necessary to prevent erosion from entering the waterways. The Town also conducts other miscellaneous road repairs as needed. For this reporting period, the Town documented 118 road repairs. Copies of the Town's 2021 and 2022 comprehensive tracking reports, which quantify road repairs, is included in Appendix 1.4.*

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

a. **New** flood management projects

- 1. Were any new 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: N/A
- 3. Provide the number of projects that resulted in a new detention/retention structure: N/A

b. **Existing** flood management projects

- 1. Were any existing permittee-owned structural flood control devices (e.g. wet or dry retention basins, water quality vaults, channels) evaluated during the reporting period to determine if retrofitting the device for additional pollutant removal is feasible?  
Yes  No
- 2. If yes, please provide details on the location of any existing flood management project(s), the evaluation performed (date, what did evaluation consist of, outcome), and documentation of any retrofitting activities: *N/A. There were no existing flood management projects/facilities that were retrofitted through the Town's CIP program during this reporting period.*

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



b. Provide the date of the inventory: *The Town's Municipal Facility Inventory was reviewed this reporting period-no revisions were required (i.e., no new municipal facilities were added). A copy of the Town's inventory is included in Appendix 1.6.*

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

Year	Total Number of Municipal Facilities	Number of Municipal Facilities Inspected	% Inspected
2017-2018	2	0	0
2018-2019	2	2	100
2019-2020	2	0	0
2020-2021	2	0	0
2021-2022	2	1	50
<b>TOTAL</b>	2	3(a)	100

*a/Municipal facilities were inspected more than once during the 5-year reporting period.*

d. SWMP Compliance

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

Yes  No  *There are only two (2) municipal facilities that have the potential to impact stormwater, and both were inspected during the 2018-2019 reporting period and documentation was provided in the 2018-2019 Annual Report. Additionally, the Thunderbolt Fire Department was re-inspected a during the 2021-2022 reporting period as part of EPD's stormwater compliance inspection requirements. Documentation is included in Appendix 1.6.*

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  *A completed checklist for the Fire Department is provided in Appendix 1.6.*

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: [Click here to enter text.](#)

7. Pesticide, Fertilizer and Herbicide (PFH) Application (Table 3.3.1, Item 8)

- 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Municipal employee safety training in use, storage and disposal of PFH	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Implemented program for municipal use of native, low-maintenance, or drought-resistant vegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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: *The Town of Thunderbolt does not purchase or store any “restricted-use” fertilizers, pesticides, or herbicides. Therefore, the Town does not have the need to develop an inventory or storage program, and staff must not receive training specific to PFHs. The Town has a contract with Yates Astro, a certified commercial pesticide applicator, to perform pesticide application activities at the Town’s recreational facilities. A copy of Yates Astros’ company license certification is provided in Appendix 1.6. Landscaping practices used at the Town’s parks include native/less water-demanding plant species.*
- 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: *The Town of Thunderbolt relies on the Georgia Department of Agriculture (DoA) to address requirements for Pesticide Applicator Training and Certification. The DoA requires commercial applicators of pesticides (herbicides and insecticides) to obtain and retain a “Commercial Pesticide Applicators License.” The DoA also requires that distributors of restricted pesticides obtain and retain “Distributor Licenses.” The Town has a contract with Yates Astro, a certified commercial pesticide applicator, to perform pesticide application activities at the Town’s recreational facilities. A copy of Yates Astros’ company license certification is provided in Appendix 1.6.*

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: *Thunderbolt’s Stormwater Ordinance that also addresses illicit discharges was last updated on February 8, 2012. A copy of the ordinance is provided for reference, even though it wasn’t updated, in Appendix 2.1.*
- b. 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? *There were no outfalls added during the reporting period.*
- 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  *A current outfall inventory map and database are provided in Appendix 2.2.*

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
2017-2018	31	7	23
2018-2019	31	6	19
2019-2020	31	6	19
2020-2021	31	6	19
2021-2022	31	6	20
<b>TOTAL</b>	31	31	100

- 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? *Six (6) outfalls were screened during an ebb tide during dry weather. One (1) outfall, Outfall #105, had dry weather flow. Completed dry weather screening sheets and photographs are included in Appendix 2.3. This outfall was previously designated as a “wet outfall” for tidal flow per field inspection & the procedures agreed upon in EPD’s February 4, 2020 Coastal IDDE Plan Guidelines and Section 2 of the Town’s approved IDDE Plan.*
- e. Attach completed outfall inspection forms for all outfalls inspected during the reporting period. Are inspection forms attached?  
 Yes  No   
*Inspection forms (dry weather screening sheets) are provided in Appendix 2.3.*
- 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):

<b>Outfall Designation (number or location)</b>	<b>Date Field Screening Performed</b>	<b>Date Laboratory Testing Performed</b>
#105	11/2/21	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):

*A copy of the Town’s approved IDDE Plan, EPD’s approved Coastal procedures, completed dry weather screening sheets, photographs, and a map showing screening sites are included in Appendix 2.3. Of the six (6) sites screened, 1 outfall (Outfall #105) had flow due to tidal and groundwater influences This outfall was previously designed as a “wet outfall” due to tidal flow per field inspection & the procedures agreed upon in EPD’s February 4, 2020 Coastal IDDE Plan Guidelines and Section 2 of the Town’s approved IDDE Plan. (The presence of “flow” at outfalls previously designed as “wet” due to tidal influences is not necessarily an indicator of an illicit discharge.)*

*A secondary field screening structure (FSS) was identified within approximately 100 feet of the outfall. No physical or visual indicators of any concern were identified and there was no evidence of an illicit discharge at the outfall during the screening. Additional source tracing and laboratory analysis was not conducted.*

*The field inspector also contacted the Town, and was informed the Town had conducted previous investigations at this site and determined groundwater flow was entering the system through a remnant pipe going uphill. (The FSS is located*

*at the bottom of a sizable hill (for the low country) and groundwater is entering the system where the remnant pipe goes uphill. The other end of this pipe does not currently have an inlet structure.)*

h. Provide documentation on any enforcement actions taken for each illicit discharge during the reporting period: *N/A-no illicit discharges were identified (see section (g) above for more information*

i. 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:

<b>Year</b>	<b>Total Stream Miles</b>	<b>Number of Stream Miles Walked</b>	<b>% Walked</b>
2017-2018			
2018-2019			
2019-2020			
2020-2021			
2021-2022			
<b>TOTAL</b>			

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
07/15/2021 (a)	public sewer line	Town	Sewage	5,800 gallons

*a/A sanitary sewage spill occurred due to a blockage in a public sewer line. The Town coordinated corrective actions and made the proper notification as described below in more detail in Section 7a. Documentation is provided in Appendix 2.4.*

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 details, where appropriate): *Violations can be reported electronically on Thunderbolt’s website, under the “Contact Us” tab. Visitors to the website can electronically report code violations, including illicit discharges and illegal dumping. This tab also lists contact phone numbers for those who prefer to call in a violation. See <http://www.thunderboltga.org/Contact-Us>. Information about proper waste management practices to reduce illicit discharges, including downloadable educational brochures and illustrations, are also included on the Town’s Stormwater website at <http://www.thunderboltga.org/Community/Stormwater-Management>. The stormwater webpage also has a link to report any issues or concerns. Webpage screenshots are provided in Appendix 2.5.*
- 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): *No illicit discharge-related complaints were received during the reporting period.*

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):

*Information about proper management of used oil and toxic materials, including downloadable educational brochures and illustrations, is provided on the Town’s stormwater webpage. The Town also maintains links on its “Stormwater Management” and “Utilities – Water, Sewer, and Garbage” webpages to direct citizens to the Chatham County Resource Conservation Education Center*

*(CCRCEC) website for information about proper dispose of hazardous and nonhazardous household waste. The CCRCEC website includes a listing of facilities and businesses that will accept waste oil, hard to recycle materials, toxic wastes, and recyclables from the public. See <http://www.thunderboltga.org/Community/Stormwater-Management> and <http://www.thunderboltga.org/Administration/Utilities>. Screenshots of the Town's webpages are included in Appendix 2.6.*

*Other relevant activities include:*

- The Town's Public Works Department has a container at the Public Works Building to collect and recycle used motor oil from Town equipment and machinery if any maintenance were to occur onsite. During this reporting period, no used oil was generated from onsite maintenance activities.*
- The Town also occasionally places messages about illegal dumping, recycling, and community events on the residents' water bills or in newsletters.*
- Orphan tires, abandoned white goods/appliances and yard waste are collected within the right of way throughout Thunderbolt and disposed of/ recycled properly.*
- Thunderbolt operates a weekly curbside recycling as well as a stand-alone recycling drop off site that accepts paper products year-round. Recycle bags are also available at Honey Park for marine debris. The Town of Thunderbolt's website has a direct link to Atlantic Waste Services, which is the waste hauling and collection contractor for the Town. During the 2021-2022 reporting period, 231 tons of recyclable materials were collected in Thunderbolt. Copies of monthly reports (which document recycling activities) are included in Appendix 2.6.*

#### **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:

*Thunderbolt currently has an inflow and infiltration program that includes visual inspections. Sewer lines are also inspected based on complaints or any abnormal findings during dry weather screening inspections. Lift stations are inspected daily, and flows are monitored during rain events. Sewer maintenance conducted by the Town is documented through the Town's work order system and monthly logs. Third party contractors may also assist with sewer maintenance activities as needed. Copies of the Town's monthly logs are provided in Appendix 2.7; work orders and sewer inspection logs may be obtained by contacting the Town.*

*A sewage spill was reported on 7/15/2021, when 5,800 gallons of sewage seeped into Placentia Canal. Documentation of the Tow's spill response and notification procedures is provided in Appendix 2.7.*

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
- b. Provide the date of the inventory: The inventory was last updated on May 2, 2021.

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 storm water issues, not just industrial pretreatment requirements).** Are any industrial facility inspection reports attached?  
Yes  No
- c. Provide the number and percentage of the total number of industrial facilities inspected:

Year	Total Number of Facilities	Number of Facilities Inspected	% Inspected
2017-2018	2	3(a)	100
2018-2019	2	0 (already completed)	0
2019-2020	2	0 (already completed)	0
2020-2021	3(a)	0 (already completed)	0
2021-2022	3(a)	0 (already completed)	0
<b>TOTAL</b>	3(a)	3(a)	100

*a/Prior to 20-21, the Town listed two sites on its Industrial Inventory. In the 20-21 reporting period, the Town revised its HVPS and Industrial Site Inventories and moved one of the sites (Savannah Bend Marina) from its HPVS Inventory to its Industrial Inventory (the site submitted a NEE to the EPD so it technically should be listed as an Industrial facility). The site was inspected in the 2017-2018 reporting period and documentation*



*of the inspection was submitted to EPD with that Annual Report (the Town uses the same inspection checklists for HVPS and Industrial facilities).*

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: The Town has complied fully with the SWMP and permit.

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 storm water 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.:

*No enforcement activities were taken against industrial facilities this reporting period. However, please note that the Town has repeatedly notified Hinckley Yacht Services that they may be subject to Industrial Permitting Requirements (Sector 8.R) and the site has stated they have or will submit an NOI; however, this site is not listed on EPD's most updated list of facilities that have coverage under the IGP (dated January 2021). Since this is a state permitting issue, the Town does not have the authority to enforce this issue and is hereby notifying the EPD again of this finding. Information about this site has been submitted to the EPD in previous Annual Reports and the Town has notified EPD via email as well. Copies of the Town's correspondence with EPD is provided in Appendix 3.3.*

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

- a. Describe the educational activities performed during the reporting period which targeted industries (Table 3.3.3, Item 4):

*The Town's Stormwater website provides information for industrial facility owners/operators about controlling stormwater pollution at their facilities and proper waste management practices. The website includes a link to Volume 3 of the GSMM – Pollution Prevention Guidebook. This guidebook provides information on pollution prevention and control measures for residential, commercial, industrial, institutional, and municipal users/operations. The Town distributed the EPD's informational handout on the requirements of the NPDES IGP and other industrial stormwater best practices educational information to industrial facilities during industrial stormwater site inspections that took place in the 2017-2018 reporting period. The inspection and walk-through were conducted with the General Managers and/or other site management personnel. Copies of the educational materials that were distributed are included in Appendix 3.4 as well as screenshots of the Town's stormwater webpage.*

D. Construction Site Management Program (Section 3.3.4)

1. Legal Authority (Table 3.3.4, Item 1)

- a. Are you a Local Issuing Authority? Yes  No
- b. When was the MS4's ordinance to control soil erosion and sediment adopted or last updated?

*The Town is not Local Issuing Authority (LIA), and therefore the Georgia EPD is responsible for construction site inspections and enforcement of soil erosion and sedimentation (E&S) requirements at construction sites located within the Town of Thunderbolt. The Town has not adopted the State's model E&S Ordinance; however, the Town has adopted a Drainage Ordinance on March 14, 2007, that sets forth some E&S controls; no changes were made during the reporting period.*

*Section 15-710.15 of the Town's Drainage Ordinance states the following with respect to erosion and sediment control: "Erosion and sedimentation controls shall be required on all sites adjacent to waterbodies or drainage ways in which one-half contiguous acre or more of land surface is to be uncovered. The applicant shall show erosion and sediment control measures between the uncovered areas and adjacent waterbodies or drainage ways on plans submitted for approval. (See the State of Georgia "Manual for Erosion and Sedimentation Control" for details). The owner must apply for a land disturbing activity permit in accordance with the requirements of the Erosion and Sedimentation Act of 1975 and the Rules of the Georgia Department of Natural Resources as amended." A copy of the drainage*

*ordinance is included in Appendix 4 for reference even though no changes were made during the reporting period.*

*It is the Town's understanding, based on correspondence with the EPD, that the Town is not required to adopt the State's model E&S Ordinance and does not have the legal authority to enforce the provisions of an E&S Ordinance since the Town is not an approved LIA. If the Town does regain its LIA status, the Town would then be responsible for adopting and enforcing an E&S Ordinance that meets all applicable state requirements. Correspondence between the Town and the EPD verifying that the Town is not required to adopt or enforce an E&S ordinance is included in Appendix 4.*

- 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  *See Appendix 4*

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

- a. Number of site plans received: *The EPD and NRCS are responsible for reviewing all ES&PC plans for qualifying land development projects. It is the Town's understanding that no site plans were reviewed by the EPD and/or NRCS this reporting period.*

b. Number of site plan reviews conducted: *None*

c. Number of site plans approved: *N/A*

d. Number of site plans denied: *N/A*

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? *N/A*  
Yes  No

- 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: *The EPD and NRCS are responsible for site plan reviews and issuing LDA permits. It is the Town's understanding that no site plan reviews were conducted and no LDA permits were issued during the reporting period.*

2. A list or table of permits issued during the reporting period should be provided. Is this information attached? Yes  No

3. Inspection Program (Table 3.3.4, Item 3)

- a. How many active construction sites were inspected during the reporting period? *The EPD is responsible for conducting inspections of construction sites and enforcing E&S requirements. This information is not shared with the Town of Thunderbolt and therefore the Town cannot provide any information in this Report.*
- b. How many total inspections of these active construction sites were conducted during the reporting period? N/A
- 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

4. 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 (attach additional sheets if necessary):

Site Location	Type of Enforcement Action	Date of Enforcement
<i>Please see info above. The Town is not responsible for E&amp;S Enforcement because they are not an LIA. E&amp;S enforcement is the responsibility of the EPD.</i>		

5. 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  *Documentation (GSWCC red card certification) is provided in Appendix 4.*

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  *An updated inventory is provided in Appendix 5.1.*
- b. If any new HVPS were identified during the reporting period, what type(s) of facility were they? *N/A-no new sites added*
- c. Provide the date of the updated inventory: *5/2/21*

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  *Copies of completed inspection checklists are provided in Appendix 5.2.*
- c. Provide the number and percentage of the total number of HVPS facilities inspected:

<b>Year</b>	<b>Total Number of Facilities</b>	<b>Number of Facilities Inspected</b>	<b>% Inspected</b>
2017-2018	19	2	11
2018-2019	19	4	21
2019-2020	19	4	21
2020-2021	20	4	19
2021-2022	18	6	33
<b>TOTAL</b>	18	20(a)	100

*a/Some HVPS sites were removed from the inventory.*

- 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:

Facility Name	Facility Location	Action Taken by MS4
<i>Six facilities were inspected. No problems were identified that required enforcement. Inspection documentation is provided in Appendix 5.2.</i>		

4. Educational Activities (Table 3.3.5, Item 4)

- a. Describe the educational activities performed during the reporting period that targeted HVPS facilities:

*The Town’s Stormwater website contains information to education HVPS owners/operators re: onsite practices to control stormwater pollution according to their specific commercial activities (<http://www.thunderboltga.org/Community/Stormwater-Management>). Two categories of HVPS that are targeted through this educational effort are automotive/boat repair/maintenance businesses and gas stations, which are the predominant types of HVPSs in the Town of Thunderbolt. The website also includes a link to Volume 3 of the GSMM – Pollution Prevention Guidebook. This guidebook provides information on pollution prevention and control measures for residential, commercial, industrial, institutional, and municipal users/operations. In addition to information on the website, Town staff has a face-to-face meeting with the manager or staff member during or immediately following the HVPS inspection to provide information and tips on pollution prevention control measures at their facility. The Town staff also provides educational materials to site personnel during HVPS inspections. Copies of educational resources that may be handed out during site inspections are included in Appendix 5.4. Based on the type of facility and operations, the Town staff selects appropriate handouts and brochures from this collection to distribute to the facility manager.*

**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

**B. Staffing**

1. How many full-time equivalents were dedicated to implementing the SWMP during the reporting period? *Town staff contributing to the implementation of the SWMP is estimated to be between 2-2.5 full-time equivalent (FTE) employees. The Public Works Director and three employees spend, on average, one-half of their time on implementing the SWMP. In addition, the Town Clerk spends 25%, and the Town Administrator, Finance Clerk, and Code Enforcement Officer generally spend approximately 10%, of their time on implementing the SWMP. The Town also has several contracts with companies to assist with implementing the SWMP. The contributions from these "3rd party" parties are not included in the full-time equivalent estimate. Please note, however, that the Town lost several staff members, including the Finance Clerk, so the FTE is difficult to accurately calculate.*
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: *Please see the response provided in Section B.1 above.*

- C. Are there any changes to the SWMP proposed for the upcoming reporting period? If so, please describe: *The Town's MS4 permit was re-issued in April 2022. The Town will review the new permit and update the SWMP as needed. A copy of the updated SWMP will be provided to EPD for review.*

**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  *A copy of the Town's approved ERP is provided in Appendix 6; no changes were made during the reporting period.*
- B. If the ERP was not completed, explain why and provide the status of the document development: *N/A*

**Part 5 - Impaired Waterbodies (Section 3.3.7)**

A. Provide the following information for any impaired waterbodies located within your jurisdictional area that are included on the latest approved 305(b)/303(d) list:

Name of Water	Pollutant of Concern
<i>N/A There are currently no impaired waterbodies on the latest approved list within Thunderbolt's jurisdiction.</i>	<i>(The 2022 data was finalized by EPD in later April 2022. Based on the Town's review of the information posted to EPD's website, no newly listed streams or other water bodies were identified within Thunderbolt's jurisdictional limits.)</i>

1. Was a new waterbody added to the 305(b)/303(d) list during **this** reporting period?

Yes  No

a. If yes, then you must develop a Monitoring and Implementation Plan (Plan). As part of the Plan, you must:

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

Yes  No

ii. If not, provide a schedule for completing the map: [Click here to enter text.](#)

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

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

Yes  No  NA

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

3. 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: *N/A*

B. Was a Monitoring and Implementation Plan developed during a **previous** reporting period?

Yes  No

1. If yes, then you must:

a. Attach a copy of the approved Monitoring and Implementation Plan. Is the Plan attached? Yes  No



- b. Provide monitoring data for each POC. Is the monitoring data attached?  
Yes  No
- c. Provide an assessment of the monitoring data related to water quality (e.g. line graphs, narrative). Is the assessment attached? Yes  No
- d. If the monitoring data and assessment are not attached, explain the reason: [Click here to enter text.](#)
- e. Provide an assessment of the effectiveness of each BMP chosen to address the POC. Is the BMP assessment attached: Yes  No
- f. If an assessment was not performed, explain why: [Click here to enter text.](#)
- g. If you plan to delete any BMPs, modify any existing BMPs, or use any new BMPs during the next reporting period, describe the revisions: [Click here to enter text.](#)

**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: 3/30/2022  
 Topic(s) of Training: [Click here to enter text.](#) NPDES Stormwater Program Updates; SWMP requirements and BMP implementation; IDDE detection; Good Housekeeping Operations and Practices  
 Number of employees trained: 3  
 Who conducted the training: GMC & Stormwater Regional Committee  
 Method of training: PowerPoint/videos/in person meetings  
  
*The City provides multiple training activities to its employees. Information is listed above for the general staff training provided on March 30, 2022. Supervisory training was also provided on March 10, 2022 by GMC and a supervisory staff member(s) also attended both Regional Stormwater Commission informational meetings in November 2021 and March 2022. Documentation for all training events is provided in Appendix 8. In addition to these training events, general information related to program implementation, field inspection procedures, and other relevant information is routinely discussed at staff meetings held throughout the reporting year for Public Works staff.*
2. The permittee must provide documentation of the training provided, such as through sign-in sheets, photographs, or other. Is documentation attached?  
 Yes  No

*Documentation, including meeting agendas, sign-in sheets, and/or training materials are provided in Appendix 8.*

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:

- i. Describe the public education activity: *Update SW Webpage & install counter*
- ii. Provide the measurable goal for the activity: *Screenshots, link for SW page*
- 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

*The Town updated its stormwater webpage (<http://www.thunderboltga.org/Community/Stormwater-Management>) to include new information, including an embedded video, about green infrastructure as well as a link to the Town's 20-21 Annual Report. The Town's stormwater webpage is accessible from the City's main website. The Town has installed a website tracker to count how many times the stormwater webpage is viewed. During the 2021-2022 reporting year, the webpage was viewed 212 times. Documentation of the page views is attached in appendix 9.1 as well as screenshots of the Town's stormwater webpage before and after the edits.*

b. Activity #2:

- i. Describe the public education activity: *Provide/Restock Educational Brochures*
- ii. Provide the measurable goal for the activity: *Copies of brochures distributed; Tracking database for brochure distribution*
- iii. Did you comply with the measurable goal: Yes  No
- iv. If no, describe the reason: *N/A*
- v. You must attach documentation of activity implementation. Is documentation attached? Yes  No

*Hard copies of stormwater-related educational brochures and fliers are kept at Town Hall for pick-up by the public. Fifteen (15) hard copies of educational brochures were distributed during the reporting period. A tracking database, copies of all available brochures, and a photo of the brochure display stand are provided in Appendix 9.2.*

c. Activity #3:

- i. Describe the public education activity:  *Produce and distribute Town Newsletter that includes stormwater and water resources related topics*
- ii. Provide the measurable goal for the activity: *Copy of newsletter(s)*
- iii. Did you comply with the measurable goal: Yes  No
- iv. If no, describe the reason: [Click here to enter text.](#)
- v. You must attach documentation of activity implementation. Is documentation attached? Yes  No

*The Town sends monthly electronic newsletters to its residents. Stormwater educational topics are often included in newsletters. Copies of several newsletters with educational messages related to illicit discharge reporting/proper disposal of yard wastes, water conservation, flood hazards, tree planting, and water smart landscaping are provided in Appendix 9.3.*

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:

- i. Describe the public involvement activity: *Public Input on SWMP*
- ii. Provide the measurable goal for the activity: *Post SWMP & AR/copy of any comments received*
- iii. Did you comply with the measurable goal: Yes  No
- iv. If no, describe the reason: [Click here to enter text.](#)
- v. You must attach documentation of activity implementation. Is documentation attached? Yes  No

*The Town updated its stormwater webpage (<http://www.thunderboltga.org/Community/Stormwater-Management>) during the reporting period to include a link to the Town's 20-21 Annual Report and approved SWMP to solicit feedback, educate citizens about the Town's stormwater program, and provide additional information about ways for the public to become more involved with program implementation. The Town's stormwater webpage is accessible from the City's main website. Documentation (screenshots of the City's webpage before and after edits) is provided in Appendix 10.1.*

b. Activity #2:

- i. Describe the public involvement activity: *Public Reporting Procedures*

- ii. Provide the measurable goal for the activity: *Promote phone number and Town of Thunderbolt's website to encourage the public to report illicit discharges/illegal dumping in the storm sewer system / record and investigate IDDE complaints*
- iii. Did you comply with the measurable goal: Yes  No
- iv. If no, describe the reason: [Click here to enter text.](#)
- v. You must attach documentation of activity implementation. Is documentation attached? Yes  No

*The Town utilizes multiple strategies to encourage the public to prevent illicit discharge, or, if discovered, to report illicit discharges. These include:*

- *Violations can be reported electronically on Thunderbolt's website, under the "Contact Us" tab. Visitors to the website can electronically report code violations, including illicit discharges and illegal dumping. This tab also lists contact phone numbers for those who prefer to call in a violation. See <http://www.thunderboltga.org/Contact-Us>.*
- *Information about proper waste management practices to reduce illicit discharges, including downloadable educational brochures and illustrations, are also included on the Town's Stormwater website at <http://www.thunderboltga.org/Community/Stormwater-Management>; the stormwater webpage also has a link to report illicit discharges or other concerns.*
- *Monthly newsletters also include educational messages about proper waste management / disposal practices and other ways to prevent illicit discharges. The newsletters also provide contact information for citizens to notify the Town of any issues or concerns, including illicit discharges.*

*Webpage screenshots and copies of newsletters are provided in Appendix 2.5 to document these initiatives.*

c. Activity #3:

- i. Describe the public involvement activity: *Clean-Up Event*
- ii. Provide the measurable goal for the activity: *Hold one annual Clean Up event*
- 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

*Due to COVID-19 and social distancing restrictions, Town staff were not permitted to work in group settings to oversee a large-scale cleanup event or organize this type of event for the general public. Due to these restrictions, a representative for the Town contacted Georgia EPD and received approval to modify this BMP without requiring a formal SWMP amendment for the 21-22 reporting year. To fulfill permit requirements and also comply with ongoing COVID-19 social distancing restrictions, the Town opted to conduct a battery recycling event on March 26, 2022 whereby citizens could drop off batteries at*

*Public Works for recycling. A notice of the battery recycling event that encouraged citizens to participate was sent out in the March newsletter. Documentation, including a photo of the batteries collection for recycling and a copy of the newsletter notice (see highlighted text in March 2022 newsletter), is provided in Appendix 10.3*

**Additional Public Involvement Activity**

*The Town of Thunderbolt sponsored and participated in a Native Plant Sale on March 26, 2022 held at the Coastal Georgia Botanical Gardens. The sale was open to the public and advertised to Town of Thunderbolt citizens as well as the general public of Chatham County via social media, printed fliers, and other media outlets. Free mulch and gardening information was also provided. The Town continues to encourage waterwise landscaping to its citizens thru the use of native plant species thru events such as this plant sale. Documentation of the event is provided in Appendix 10.4. (Please note this public involvement activity is in addition to the public involvement activities listed in the Town's SWMP and therefore the Town has met and even exceeded its permit requirements for public involvement activities.)*

**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: *Thunderbolt's Post-Construction Stormwater Ordinance was last updated on February 8, 2012.*
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  *The ordinance was not updated during the reporting period; however, a copy is provided for reference in Appendix 11.1.*
4. Does the ordinance include the adoption and implementation of the Georgia Stormwater Management Manual, the Coastal Supplement, or an equivalent local design manual?  
Yes  No
5. Provide either the date the design manual was adopted or a schedule for completing adoption: *When the Town's Post-Construction Stormwater Ordinance was last updated on February 8, 2012, it included requirements for controlling water quality from new development and redevelopment in addition to including practices and post-construction recommendations presented in the Coastal Stormwater Supplement (CSS) to the Georgia Stormwater Management Manual (GSMM).*

6. The permittee was required to implement the Stormwater Runoff Quality/Reduction performance standard contained in the 2016 Georgia Stormwater Management Manual or the Coastal Supplement by no later than April 12, 2020. Have you implemented the performance standard? Yes  No

If the Stormwater Runoff Quality/Reduction performance standard was not implemented by the April 12, 2020 deadline date, 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.
- Was an evaluation performed? Yes  No
  - If yes, then describe the method used to conduct the evaluation (Attach documentation of the evaluation performed): *See text below*
  - If no, explain the reason: [Click here to enter text.](#)

*The Town annually conducts a review of its ordinances to ensure they do not impede GI/LID practices and also evaluates whether the GI/LID program and plan require revisions. No revisions were required during the reporting period. The Town also updated its GI/LID plan previously and it was reviewed approved by the EPD. No further changes to ordinances or the Town's GI/LID plan are needed at this time.*

*On February 21, 2012, the Town utilized the Code and Ordinance Worksheet developed by the Center for Watershed Protection to conduct a code evaluation (the stormwater management ordinance was adopted earlier in 2012 as well). The Town updated its construction ordinances (Chapter 5) reflecting changes in its building codes. After reviewing the Town's code of ordinances in 2012, it was discovered that many elements of green infrastructure are currently allowed and even encouraged. Since then, the Town has not needed to change its Stormwater Runoff Post Construction / Performance standards and other relevant standards because the ordinances already sufficiently encouraged GI/LID practices and had already adopted the CSS by refence and the revised performance standards. Coastal Communities implemented Post Construction Standards well before non-coastal communities. A copy of the ordinance review is included in Appendix 11.2.1 and the Town also provided this same information to EPD when EPD reviewed the Town's revised SWMP and issued comment letters.*

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  *A copy of the Town's approved GI/LID plan and EPD approval letter is provided in Appendix 11.2.2.*

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 privately-owned non-residential and permittee-owned water quality-related GI/LID structures within the permittee's jurisdiction. Is an updated inventory attached to this report? Yes  No

2. Provide the total number of GI/LID structures included on the inventory:

Privately-owned non-residential: 0

Publicly-owned: 0

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

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

**Publicly-Owned Structures**

Year	Total Number GI/LID Structures	Number Inspected	% Inspected
2017-2018	0	0	0
2018-2019	0	0	0
2019-2020	0	0	0
2020-2021	0	0	0
2021-2022	0	0	0
<b>TOTAL</b>	0	0	100

**Privately-Owned Non-Residential Structures**

Year	Total Number GI/LID Structures	Number Inspected	% Inspected
2017-2018	0	0	0
2018-2019	0	0	0
2019-2020	0	0	0
2020-2021	0	0	0
2021-2022	0	0	0
<b>TOTAL</b>	0	0	100

4. How many publicly-owned GI/LID structures were maintained during the reporting period? Attach documentation of the activities: *No structures are present.*
5. Describe any activities performed to ensure privately-owned non-residential GI/LID structures were maintained. Provide documentation of the activities: *N/A*

**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? *The funding for expenditures during this reporting period came from the Town's General Fund as well as the Water and Sewer Enterprise 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  *A copy of the 2021 budget is provided in Appendix 12.*

2. Next Reporting Period's Budget

- a. What will be the funding source for the next reporting period's budget? *The funding for the next reporting period's budget will come from the Town's General Fund as well as the Water and Sewer Enterprise 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  *A copy of the 2022 budget is provided in Appendix 12.*