



**TOWN OF THUNDERBOLT  
REGULAR MONTHLY MEETING  
WEDNESDAY, AUGUST 9, 2023  
6:00 PM**

**AGENDA HEARING**

Public has five minutes per person to ask questions or comment on any agenda item.

**REGULAR MEETING**

1. **Call to order**
2. **Roll Call by Presiding Officer with Invocation, followed by the Pledge of Allegiance**
3. **Approval of Meeting Agenda**
4. **Approval of Minutes from Previous Meeting:** page 3 – 6  
Minutes of July 12, 2023
5. **Finance Report:** page 7 – 8
6. **Discussion Agenda:**
  - a) Approval of Support for a Chatham County, Georgia's PROTECT Road System Resilience and Evacuation Route Grant Application. page 9 – 10
  - b) Approval of Goodwyn Mills Cawood (GMC) Proposal to Assist with NPDES Phase 1 MS4 Stormwater Compliance Activities & Annual Report. page 11 – 29
  - c) Approval of Cancellation of Release Maine Lease of Property Off Shell Road.
7. **Department Report – Written Reports Submitted**  
  
by: **Police / Municipal Court / Neighborhood Watch – Sean Clayton, Chief of Police** page 31 – 32  
**Fire – Fire Chief, Andrew Bateman** page 33 – 35  
**Public Works Department – Oscar Crosby, Public Works Manager** page 36 – 46
8. **Town Administrator Report:** Town Administrator, Bob Milie page 47 – 48
9. **Legal Report – Town Attorney**
10. **Mayor and Council**

11. **Thunderbolt Museum**

12. **Executive Session-** Mayor requests a motion and a second to recess into executive session for the purpose of Legal, Real Estate and/or Personnel matters.

13. **Adjournment:**



**TOWN OF THUNDERBOLT  
REGULAR MONTHLY MEETING  
WEDNESDAY, JULY 12, 2023  
6:00 PM**

**AGENDA HEARING**

**Public has five minutes per person to ask questions or comment on any agenda item.**

Mayor Williams opened public hearing of the meeting 6 pm.

Katherine Clements, 3224 Cedar St., stated there is an issue where there was a connection for water & sewer made in the road. The pavement needs to be addressed.

Town Administrator Milie provided a glass recycling update and explained there are composting bins where the glass recycling bin is located.

Town Administrator Milie discussed working with the county engineers to address roads. Macceo Drive has some flooding issues. Improvements are needed and this road was added to the LMEG funding request to address these improvements needed but they will not be addressed until next year. There needs to be engineering work done before repairing to insure longevity.

Anna Maria Thomas, 1 Brightwater Dr., stated the potholes need to be filled in the meantime and brush on the side of the road needs to be cut back.

Town Administrator Milie highlighted his report. He pointed out the work on Honey Park and approval of the Senior Center Grant. He stated there is no additional news on the federal grant for the force main. He provided a solar project update. He stated we can use the Savannah contract. Savannah is three months away to have data of savings with the building they have switched to solar. Staff will bring options for Council once the data has been analyzed and provide options for the Town.

Council Member Drohan asked for website update. Town Administrator Milie stated we are close and will need to create a focus group to finalize the site.

Public Works Director Crosby reported on the work on Honey Parks and Senior Center. Honey Park overgrown brush was cleared out and opened the view. Senior Center lights have all been converted to LED. The town unaccounted for water is at five percent. It has been steadily declining after the fault on the well was fixed.

Chief Bateman reported the State audit went well. He has implemented some changes that have decreased response time on average two minutes.

Chief Clayton reported about the increase in porch piracy in Savannah. He asked those seeing anything unusual to report it to them.

Mayor Williams closed public hearing session at 6:31 pm.

## **REGULAR MEETING**

### **1. Call to order**

Mayor William calls the meeting to order at 6:31 pm.

Those in attendance: Mayor Williams and Council Members: Bethany Skipper-Greer, David Crenshaw, Larry Ward, Edward Drohan III and Brooks Barbaree. Staff in attendance were Town Administrator, Bob Milie; Town Attorney, Charlie Barrow; Police Chief, Sean Clayton; Fire Chief, Andrew Bateman; Utilities/Acct. Payable Manager, Katina Spaulding and Clerk of Council, Deatre Denion.

Council Member James Lavin was not in attendance.

### **2. Roll Call by Presiding Officer with Invocation, followed by the Pledge of Allegiance**

### **3. Approval of Meeting Agenda**

Mayor Williams asked for an approval of the agenda. **Council Member Ward made the motion to approve with a second from Council Member Crenshaw. The motion passed unanimously.**

### **4. Approval of Minutes from Previous Meeting:**

Minutes of June 14, 2023

Mayor Williams asked for an approval of the June 14, 2023 meeting minutes. **Council Member Ward made the motion to approve with a second from Council Member Crenshaw. The motion passed unanimously.**

#### **Presentations:**

- a) Proclamation for Disability Pride Month - Barry Helmley, Living Independence for Everyone Society

Mayor Williams read the proclamation. Mr. Helmley thanked Mayor Williams for the honor. He stated he is a board member of Living Independence for Everyone Society. Their goal is to help those with disabilities to live independently and to live in the community. The organization can be reached at [lifeincorporated.com](http://lifeincorporated.com) or 912-920-1204.

### **5. Finance Report:**

Shannon Brett with Holland, Bromley, Barnhill & Barnhill & Brett, stated we are half way through the year. The audit is finished and has been turned into the State. There were no internal control findings. The June financial is right on with actual and budgeted numbers. Revenues are at 3.2 million with expenditures at 2.5 million. The fund rates are at 5.1% for both GA Fund and United accounts. Council Member Drohan asked about QS1 software providing what is needed for financials. Ms. Brett stated they are more comfortable with the software after working with QS1. Town Administrator Milie asked Mrs. Spaulding to comment on the customer service by QS1. Mrs. Spaulding stated QS1 become more responsive and helpful.

### **6. Discussion Agenda:**

- a) Approval to Renew Contract with Holland, Bromley, Barnhill & Brett LLP for Financial Services.

Town Administrator Milie explained this is a renewal for the financial services Holland, Bromley, Barnhill & Brett have been offering this past year. **Council Member Crenshaw moved to approve the contract as rendered with a second from Council Member Ward. There was no discussion. The motion passed unanimously.**

- b) Approval of an Alcohol License for Marsh + Co Market LLC at 2919 River Dr. (Village on the Bluff)

Clerk of Council Denion explained this is more like a transfer of the alcohol permit approved for Laurie DeVegeter a few months back. There were issues with a change in the fingerprinting vendor and asked Council to approve the alcohol permit with a final approval from the Police Chief. **Council Member Ward move to approve the permit with final approval from Chief Clayton. Council Member Skipper-Greer seconded the motion. The motion passed unanimously.**

- c) Approval of a Land Fill Permit for 304 Bonaventure Rd.

Town Administrator Milie explained the house on 304 Bonaventure Rd was demolished. They brought in fill dirt but it was over the amount of grade. The need a fill permit before moving forward with a building permit. Proper silt fencing and the site plan have been completed. **Council Member Drohan made the motion to approve the land fill permit with a second by Council Member Ward. There was no discussion. The motion passed unanimously.**

- d) Approval of the Resolution to Transfer Fire Service for Jasmin and Taylor Ave to Chatham County.

Town Administrator Milie explained Thunderbolt cannot provide timely service to Jasmin and Taylor Ave, which reside in Chatham County, with the gates now closed by Savannah State. This request was discussed and approved by Council already in a previous meeting but the County wanted a formal resolution approved before moving forward in taking over fire service for Jasmin and Taylor Avenue. **Council Member Drohan moved to approve the resolution with a second from Council Member Crenshaw. The motion passed unanimously.**

7. **Department Report** – Written Reports Submitted

by: **Police / Municipal Court / Neighborhood Watch – Sean Clayton, Chief of Police**  
**Fire –Fire Chief, Andrew Bateman**  
**Public Works Department – Oscar Crosby, Public Works Manager**

8. **Town Administrator Report:** Town Administrator, Bob Milie

9. **Legal Report** – Town Attorney

No report

10. **Mayor and Council**

Mayor Williams asked Anna Maria Thomas to stand up. He thanked her for her tirelessly work keeping the museum open.

- a) Town Recognition by Council Member Drohan

Council Member Drohan would like to discuss utilizing the Town of Thunderbolt Town Council Chambers as a revolving acknowledgment of those individuals who have notably benefited the Town of Thunderbolt and its Citizens through their efforts and commitment.

This honor will be bestowed upon these individuals through a majority or consensus vote by the Town Council at the end of their term. This vote shall occur after that year's election has been certified and prior to the installation of the arising Council. At that time, the sitting Council may choose to extend this honor to the current honoree or bring forward the names of other Town notables to be considered for this honor. Retiring members of the sitting Council may be considered for this honor but may not participate in the vote.

This honor will be demonstrated by installing a plaque acknowledging the honoree at the entrance doors to the Town Council chambers and shall remain until such time as the sitting Town Council votes to bestow this honor upon another Town notable.

Past honorees shall be acknowledged by placing their name on a plaque that will be located in the anteroom to the Town Council Chambers to remain for posterity.

To avoid the appearance of political preference, nominees shall be individuals who by their words and actions have indicated that they do not anticipate running for political office in the Town of Thunderbolt in the future. Should a current honoree apply to run for political office in the Town of Thunderbolt, the plaque for that current individual will be removed and that individual's name shall be included on the plaque in the anteroom to the Town Council Chambers.

Town Administrator Milie and Mayor Williams stated they liked the idea.

Council Member Drohan asked for the staff to look at positions in the town that someone with disabilities could be hired to fill. He inquired when would the contract for trash collection be up for renewal. Town Administrator Milie was not sure if it was one or two years. Council Member Drohan asked when any upcoming discussion for trash collection is had composting and recycling needs to be a part of the discussion.

Pastor Young extended an invitation to all to celebrate the installation ceremony for College Park Church. It will be held August 20<sup>th</sup> at 4 pm at 3301 Whatley Ave.

#### 11. **Thunderbolt Museum**

Anna Maria Thomas stated it is time to renew your membership. The cost is \$25 for an individual, \$35 for family. To renew or join you need to go to the museum. September 30<sup>th</sup> is the next garage sale.

#### 12. **Executive Session-** Mayor requests a motion and a second to recess into executive session for the purpose of Legal, Real Estate and/or Personnel matters.

There was no need for an executive session. Mayor Williams asked for a motion to adjourn. **Council Member Ward made the motion to adjourn with a second from Council Member Crenshaw. The motion passed unanimously.**

#### 13. **Adjournment:**

The meeting adjourned at 7:15 pm.

Town of Thunderbolt  
July 31, 2023

	Line Item	BUDGET FY 2023	Amendment	Final Admendment	Amended Budget 2023	Actuals Year to Date	YTD %
<b>REVENUES</b>							
Taxes	031	2,283,000	-	-	2,283,000	1,356,767	59%
Licenses and Permits	032	114,500	-	-	114,500	138,705	121%
Intergovernmental	033	30,000	-	-	30,000	33,063	110%
Charges for Services	034	56,124	-	-	56,124	97,870	174%
Fines & Forfeitures	035	146,750	-	-	146,750	70,269	48%
Miscellaneous	038	191,550	-	-	191,550	235,490	123%
Water/Sewer	400	2,035,000	-	-	2,035,000	1,174,785	58%
Solidwaste	540	297,000	-	-	297,000	173,407	58%
Other Income	038	500	-	-	500	18,944	3789%
SPLOST	320	838,452	-	-	838,452	458,991	55%
Hotel Motel Tax	275	-	-	-	-	4,717	100%
<b>TOTAL REVENUES</b>		<b>5,992,876</b>	<b>-</b>	<b>-</b>	<b>5,992,876</b>	<b>3,763,007</b>	<b>63%</b>
<b>EXPENSES</b>							
Mayor And Council	130	32,775	-	-	32,775	17,848	54%
General Administrative	150	550,446	-	-	550,446	338,128	61%
General Govt Bldgs & Plant	156	95,000	-	-	95,000	36,618	39%
Police	300	778,279	-	-	778,279	470,662	60%
Municipal Court	265	160,503	-	-	160,503	70,348	44%
Fire	350	636,782	-	-	636,782	371,134	58%
Streets	400	389,839	-	-	389,839	139,243	36%
Senior Citizens	550	38,000	-	-	38,000	14,215	37%
Recreation	610	29,500	-	-	29,500	16,679	57%
Thunderbolt Museum	660	3,000	-	-	3,000	304	10%
Zoning Board/Commission	741	7,800	-	-	7,800	5,532	71%
Capital Savings		100,000	-	-	100,000	-	0%
Capital Expenses	Dept 350	253,000	-	-	253,000	-	0%
Water/Sewer	400	2,035,500	-	-	2,035,500	1,222,838	60%
Solidwaste	540	303,845	-	-	303,845	118,610	39%
SPLOST	320	1,414,446	-	-	1,414,446	16,755	1%
<b>TOTAL EXPENSES</b>		<b>6,828,715</b>	<b>-</b>	<b>-</b>	<b>6,828,715</b>	<b>2,838,913</b>	<b>42%</b>
<b>(DEFICIT) SURPLUS</b>		<b>(835,839)</b>			<b>(835,839)</b>	<b>924,094</b>	

2023 Budget:													
GEN Fund Revenue:		\$	2,821,924	ENT Fund Revenue:		\$	2,332,500	Town Revenue:		\$	5,992,876		
Expenses:	G&A		550,446	Expenses	Water/Sewer		2,035,500						
	M&C		32,775		Solid Waste		303,845						
	Gen Gov		95,000										
	Police		778,279	Expenses	Total:	\$	2,339,345						
	Mun Crt.		160,503										
	Fire		636,782					\$	(6,845)				
	Streets		389,839	SPLOST	Revenue		838,452						
	Sen Cit		38,000		Expenses		1,414,446						
	Rec		29,500										
	Mus		3,000										
P&Z		7,800		Net	\$	(575,994)							
CAP SAV		100,000											
			CAP EXP	Expenses		253,000							
Expenses	Total:	\$	2,821,924					\$	(253,000)	Total Expense	\$	6,828,715	
	Net	\$	-									(Deficit) Surplus	\$

2023 Actuals: (Cash Flow)															
		ACT vs BUD				ACT vs BUD									
GEN Fund Revenue:		\$	1,932,163	\$	(889,761)	ENT Fund Revenue:		\$	1,367,136	\$	(965,364)	Town Revenue:		\$	3,763,007
Expenses:	G&A	338,128	(212,318)	Expenses	Water/Sewer	1,222,838	(812,662)	Expenses	Total:	\$	1,341,448	\$	(997,897)		
	M&C	17,848	(14,927)		SolidWaste	118,610	(185,235)								
	Gen Gov	36,618	(58,382)				-								
	Police	470,662	(307,617)												
	Mun Crt.	70,348	(90,155)												
	Fire	371,134	(265,648)		Net ENT	\$	25,687	\$	32,532						
	Streets	139,243	(250,596)												
	Sen Cit	14,215	(23,785)	SPLOST	Revenue	458,991	(379,461)								
	Rec	16,679	(12,821)		Expenses	16,755	(1,397,691)								
	Mus	304	(389,535)												
P&Z	5,532	(32,468)	Hotel Motel	Revenue	4,717	4,717									
Expenses	Total:	\$	1,480,710	\$	(1,341,214)	Net SPLOST & CAP & HM		\$	446,953	\$	1,022,947	Total Expense		\$	2,838,913
	Net General	\$	451,454	\$	451,454			\$	924,094	\$	1,506,933	(Deficit) Surplus		\$	924,094

Town Of Thunderbolt Cash Status: July 2023							
Bank Account	Beginning Balance	YTD Cash IN		YTD Cash OUT		Ending Balance	Net Change
General Fund	\$ 1,842,295	\$ 4,943,654		\$ (5,376,473)		\$ 1,409,475	\$ (432,819)
Water Sewer Fund	1,268,402	1,487,402		(1,677,045)		1,078,759	(189,643)
Municipal Court	11,015	84,062		(73,667)		21,409	10,394
MC Cash Bond	25,933	2,616		-		28,549	2,616
Money Market Contingency	3,532,710	42,621		(2,500,000)		1,075,331	(2,457,379)
Georgia Fund	-	3,558,196		-		3,558,196	3,558,196
SPLOST Capital Projects	1,473,200	458,991		(16,755)		1,915,435	442,236
P.D. Asset	5,484	21		-		5,504	21
Speed Camera	24,310	57,536		-		81,846	57,536
	\$ 8,183,348	\$ 10,635,097	\$ -	\$ (9,643,941)	\$ -	\$ 9,174,505	\$ 991,156



**DANA WILLIAMS**  
MAYOR

**ROBERT L. MILIE**  
TOWN ADMINISTRATOR

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

**CHARLES W. BARROW**  
TOWN ATTORNEY



**COUNCIL MEMBERS**

**DAVID P. CRENSHAW**

**EDWARD M. DROHAN, III**

**LAWRENCE WARD**

**BROOKS BARBAREE**

**JAMES LAVIN**

**BETHANY SKIPPER-GREER**

Honorable Mayor Dana Williams  
& Thunderbolt Town Council  
2821 River Drive  
Thunderbolt, Ga, 31404

August, 9<sup>th</sup>, 2023

Federal Highway Administration  
1200 New Jersey Ave., SE  
Washington, DC 20590

Subject: Letter of Support for Chatham County, Georgia's PROTECT Road System Resilience and Evacuation Route Grant Application

Dear PROTECT Grant Review Team,

The Town of Thunderbolt is submitting this letter to express our support for the grant application submitted by Chatham County, Georgia under the Department of Transportation's Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Discretionary Grant program. Chatham County intends to apply for grant funding to study and plan for *Road System Resilience and Evacuation Route Enhancements in Chatham County, Georgia*.

The County and its partners intend to study and evaluate the long-term resilience of road systems leading to and from the islands within Chatham County that are on or near residential evacuation routes being most impacted by destructive winds, storm surges, heavy rainfall, and significant flooding. This crucial initiative seeks to improve the safety, accessibility, and sustainability of the transportation infrastructure in the region, including public transportation, especially during emergency evacuation scenarios.

Enhancing the evacuation routes and introducing additional CAT bus stops will significantly bolster the evacuation process during times of emergencies, ensuring a more efficient and organized evacuation plan. By expanding the public transportation network and strategically placing bus stops along evacuation routes, residents who lack private transportation options will have safer and more reliable means to evacuate.

Furthermore, the installation of electric vehicle charging stations is a progressive move toward promoting sustainable transportation in Chatham County. By encouraging the use of electric vehicles, both for residents and transit buses, the county will contribute to reducing carbon emissions and minimizing the impact of transportation on the environment.

The inclusion of non-motorized transportation options, such as bike lanes or trails, is another pivotal aspect of this proposal. By providing pedestrian access to evacuation points, the county will address the needs of those who rely on alternative modes of transport. This initiative not only supports disaster preparedness but also fosters a healthier and more active community.

Additionally, the proposed study of long-term road system resilience will yield invaluable insights into identifying potential vulnerabilities and implementing appropriate measures to ensure the roads' durability. With increasing climate-related challenges, understanding the road infrastructure's resilience is critical to safeguarding Chatham County's residents and visitors during emergencies.

We feel certain that Chatham County will execute this project efficiently and effectively. The benefits of this undertaking will extend beyond disaster preparedness and serve as a model for other communities facing similar challenges.

If you require any further information or assistance, please feel free to contact myself, Mayor Dana Williams, or Thunderbolt Town Administrator Robert Milie.

Respectfully,

---

Town of Thunderbolt  
Mayor Dana Williams  
[dwilliams@thunderboltga.org](mailto:dwilliams@thunderboltga.org)



**Goodwyn Mills Cawood**

7 East Congress Street  
Suite 504  
Savannah, GA 31401

T (912) 226-1667

[www.gmcnetwork.com](http://www.gmcnetwork.com)

July 12th, 2023

Robert Milie, Town Administrator  
Town of Thunderbolt  
2821 River Drive  
Thunderbolt, GA 31404

**Re: Proposal to Assist with NPDES Phase I MS4 Stormwater Compliance Activities and Annual Report for Reporting Year 2023- 2024**

Dear Bob:

As discussed with the Town, Goodwyn Mills and Cawood, LLC (GMC) is pleased to provide the Town of Thunderbolt with a proposal to continue to assist the Town with National Pollutant Discharge Elimination System (NPDES) Phase I Municipal Separate Storm Sewer System (MS4) Permit compliance for reporting year 2023 - 2024. The Town is currently in the 2<sup>nd</sup> reporting year (2023 – 2024) of the new 5-year permit period (2022-2027). GMC has extensive knowledge of the Town's stormwater system and stormwater programs. We have assisted the Town with their stormwater management program in various capacities over the years, including:

- Preparing and submitting the 2017 – 2022 and 2022-2027 Stormwater Management Plans (SWMP) & associated plans and procedures to the Georgia Environmental Protection Division (EPD)
- Implementation of the SWMP and submission of the required Annual Reports to the EPD for the previous seven reporting years
- Assistance with the EPD's 2021 stormwater compliance inspection in which there were no findings and the Town's program was found to be in compliance with regulatory requirements.

The following scope of work will ensure that the Town remains compliant in a most cost-effective manner.

**SCOPE OF WORK**

**Task 1: NPDES Program Management**

GMC will work on behalf of the Town as the liaison to the Georgia Environmental Protection Division (EPD) as it relates to compliance with the NPDES tasks and program responsibilities addressed within this proposal. This may include conference calls and emails with EPD and assistance with submittal of the Annual Report to EPD. The task will also include general project management and at least one (1) meeting with the Town to prepare for the Stormwater Annual Report. Additional meetings can be scheduled up on request. GMC will prepare a compliance matrix that lists the tasks required by the Town's Stormwater Management Plan (SWMP) and documentation that is needed for the Annual Report, and provide this to the Town to track task completion for the current reporting year and assist with preparation of the Annual Report.

**Task 2: Dry Weather Screening/Illicit Discharge Monitoring**

GMC will perform Dry Weather Screening in accordance with the procedures approved in the Town's most recent Illicit Discharge Detection Elimination (IDDE) Plan submitted with the Town's revised 2022-2027 SWMP. The Town currently has 30 outfalls listed on its inventory and should inspect all of the outfalls within the 5- year permit period. GMC proposes to screen approximately 20% of the outfalls (6 outfalls) during the 2023-2024 reporting period.

GMC staff will complete a Dry Weather Screening Form (Outfall Reconnaissance Inventory Form) for each MS4 Outfall. If flow is not present, the GMC field staff will note it as such, take a photograph of the outfall, and complete the necessary sections of the form – (1) background data, (2) outfall description, and (3) physical indicators for flowing and non-flowing outfalls. If flow is present, GMC field staff will visually evaluate additional physical indicators of odor, color, turbidity, and floatables. The field staff will also measure temperature, pH, salinity, turbidity, and conductivity using a Horiba U-53 probe. The field staff will calibrate the equipment in accordance with standard protocols and also perform a factory calibration once per year, in compliance with QA/QC procedures. A fecal coliform grab sample will be taken and brought to an accredited laboratory, if the field results indicate potential sewage or when there is visual evidence including milky white or gray color and floatables, a sewage odor, or other applicable evidence of potential sanitary sewer discharge. Please note that lab costs associated with any required fecal coliform monitoring are additional.

GMC field staff will gather all results and complete the Dry Weather Screening Forms. For outfalls where an illicit discharge is suspected, the field staff will provide the Town with the location of the outfall and the sampling results, such that the Town staff can initiate source tracing activities, as appropriate. If requested by the Town, the GMC staff may assist with any required source tracing activities, including GIS analysis of land uses and potential sources and additional upstream water quality monitoring. (Source tracing services can be performed, upon request, at the hourly rate plus laboratory, equipment rental, and mileage expenses.)

**Task 3: Preparation of NPDES Staff Training Materials**

GMC will provide educational materials to the Town for a stormwater training session in accordance with the requirements of the Town's NPDES Phase I MS4 permit. GMC staff will develop training materials and provide a sign-in sheet, and maintain adequate documentation for the Town's Annual Report. Training materials provided by GMC may be in the form of a video or PowerPoint presentation that the Town may provide to appropriate field and supervisory personnel during staff meetings.

**Task 4: Educational Outreach Assistance**

GMC will assist the Town by providing the following educational materials and assistance:

- Annual review of stormwater website and associated materials. GMC will provide comments to the Town regarding suggested website revisions that the Town may implement.
- Assist Town with responses to public input on the SWMP (posted on Town's website).
- Annual review of public information brochures available at Town Hall. GMC will provide electronic copies of educational materials that the Town may distribute.
- Provide Town with electronic versions of educational material related to industrial and highly visible pollutant sources (HVPS) facilities, so that this information can be distributed to facility managers during the Town's inspection of these facilities.
- Provide suggestions of stormwater-related material to include in one Town Newsletter per year.

### **Task 5: Preparation of GIS-Based Maps and Inventories**

GMC will assist the Town with preparation of the following documents for inclusion in the Annual Report:

- MS4 Control Structure Inventory and Map (BMP 1.1 of Town's SWMP): GMC will maintain and update a map and an inventory database of MS4 structures.
- MS4 Inspection Reports (BMP 1.2 of Town's SWMP): GMC will prepare a table of MS4 inspection reports. This will not include information about maintenance activities.
- MS4 Outfall Inventory and Map (BMP 2.2 of Town's SWMP): GMC will maintain and update a map and inventory database of the Town's MS4 outfalls.
- MS4 Dry Weather Screening Sheets (BMP 2.3 of Town's SWMP): GMC will prepare a table summarizing outfall inspections and dry weather screening for inclusion in the Town's Annual Report. If GMC performs any source tracing at the Town's request, documentation of these activities will be maintained.

Please note that updating GIS-based maps and databases assumes that GMC will host the Town's GIS database and that the Town will provide as-builts for any new stormwater outfalls and/or stormwater structures (pipes, ditches, municipal ponds, stormwater vaults, and catch basins) that were added as a result of new development / redevelopment during the 2022-2027 reporting year.

### **Task 6: NPDES Annual Report Assistance**

GMC will prepare the Town's NPDES Phase I MS4 Annual Report covering the period of April 1<sup>st</sup> to March 31<sup>st</sup> for 2023 - 2024. In January or February of 2024, GMC will provide Town staff with a compliance matrix that will list documentation that is needed for the Annual Report, after which, GMC staff will meet with Town staff to review the documentation and identify any additional best management practices (BMPs) that need to be completed prior to March 31<sup>st</sup> of each year. Using the documentation compiled, GMC will prepare the Annual Report document, as well as documentation related to any other tasks completed by GMC staff, per this contract. GMC will provide the Annual Report to the Town to review and revise it based on comments received.

GMC will prepare and mail the submittal package for EPD, on or prior to May 15<sup>th</sup>. GMC will provide the Town with an electronic copy of the Annual Report. If requested, GMC will also provide a hard copy.

## **OPTIONAL ADD-ON TASKS**

### **Task 7: GI/LID Ordinance Evaluation**

Section 3.3.11(b) of the Town's MS4 permit requires the Town to complete an annual evaluation of its ordinances to determine if they impede or prohibit the use of Green Infrastructure / Low Impact Development (GI/LID) practices. The EPD requires that a comprehensive ordinance evaluation must be performed at least once during the 5-year permit period using either the Center for Watershed Protection's Code and Ordinance (COW) worksheets or the EPA Scorecard (or an equivalent that is comparably as or more comprehensive), preferably during the beginning of the 2022-2027 permit period to complete and document the ordinance review. During stakeholder meetings held by the EPD to discuss the upcoming permit changes, the EPD emphasized that ordinance reviews that were conducted prior to 2022 (even if COW forms were used) will not be accepted and that a comprehensive review using the most updated forms must be completed at least once between 2022-2027 permit period.

Using the most recent version of the EPD-recommended "COW Worksheet," GMC will complete and document a review of relevant ordinances. GMC will provide completed forms and a summary memo that identifies potential code ordinance changes that the Town may consider to encourage the use of green infrastructure. These documents may be submitted

with the Town's 2023-2024 Annual Report to demonstrate compliance with this permit requirement. (Please note that implementing the suggested changes is not required by the Town's permit.)

Upon request, GMC can assist the Town with this task on an hourly, additional basis in accordance with GMC's rate structure. GMC will not proceed with this additional task unless authorized by the Town.

#### **Task 8: Update Enforcement Response Plan (ERP)**

In a letter dated January 11, 2023, the GA EPD notified the Town that an updated Erosion and Sedimentation (E&S) Ordinance needs to be adopted and that changes to the Town's ERP would be required. In a response letter to the EPD dated February 23, 2023, the Town agreed to adopt a revised E&S Ordinance and update its Enforcement Response Plan and submit a copy of the amended ordinance and ERP to the EPD with the Annual Report due on or before May 15, 2024.

Upon request, GMC can assist the City with updating its ordinances and/or ERP. GMC would perform this work on an hourly, additional basis, upon request from the City, in accordance with GMC's rate structure. GMC will not proceed with this additional task unless authorized by the City.

#### **Task 9: Address EPD Comments**

Over the course of the next year, the Town should anticipate receiving comments from EPD on the 2022-2023 Annual Report that was submitted in May 2023 and possibly on the 2021-2022 Annual Report submitted in May 2022. If needed, GMC can assist the Town with preparing a response to EPD comments & addressing any revisions that EPD may request to the Annual Reports (if any). GMC would perform this work on an hourly, additional basis, upon request from the Town, in accordance with GMC's rate structure. GMC will not proceed with this additional task unless authorized by the Town.

#### **Task 10: EPD Stormwater Compliance Audit Assistance**

The EPD typically conducts stormwater compliance audits at least once every 5 years to review the Town's compliance with its Municipal Stormwater Permit, SWMP, and field inspection procedures. At the Town's request, GMC can provide assistance with the compliance audit, including preparation of documents and forms requested by the EPD, fieldwork assistance, and serve as a regulatory liaison between the EPD and the Town. GMC would perform this work on an hourly, additional basis, upon request from the Town, in accordance with GMC's rate structure. GMC will not proceed with this additional task unless authorized by the Town.

#### **Schedule**

The schedule for the scope of work provided herein will be as established in the Town's SWMP and as required by the NPDES Phase I MS4 Permit. Compliance activities will be completed by March 31, 2024, and the Annual Report will be completed and submitted to EPD by or before May 15, 2024.

#### **Proposed Fee**

GMC can implement the Scope of Work outlined above for Tasks 1-6 for the lump-sum budget of \$12,450. Assistance with Tasks 7-10, as outlined above, can be performed for an additional, hourly fee if requested by the Town. GMC will invoice the Town monthly, for percentage completed in accordance with the Scope of Work in Attachment A, and on the basis of the unit prices shown in Attachment B if hourly, additional services are provided.

**Proposal Acceptance**

If this scope of work and fee proposal is acceptable, please sign and date below and forward one copy as our agreement and authorization to proceed. Please contact our office if you have any questions. We appreciate your confidence in GMC and look forward to working with you on this most important project.

Sincerely,

**GOODWYN MILLS CAWOOD, LLC**

A handwritten signature in purple ink, appearing to read 'Ed DiTommaso', with a stylized flourish at the end.

Ed DiTommaso, AICP, GISP  
VP, Environmental East Region

\_\_\_\_\_  
ACCEPTED BY

\_\_\_\_\_  
DATE

Attachments

## ATTACHMENT A – TERMS AND CONDITIONS

The Town of Thunderbolt ("OWNER") wishes to engage Goodwyn Mills and Cawood, Inc. ("CONSULTANT") to provide professional consulting services to assist the Town with National Pollutant Discharge Elimination System (NPDES) Phase I Municipal Separate Storm Sewer System (MS4) Permit compliance through the duration of its current NPDES Permit. The following summarizes the terms and conditions:

**ASSIGNMENT:** Neither party to this Agreement shall assign or transfer any rights under or interest in this Agreement without the prior written consent of the other party except that CONSULTANT may retain sub-consultants as CONSULTANT deems appropriate and CONSULTANT may make a collateral assignment of this Agreement to its lenders.

**DISPUTE RESOLUTION:** OWNER and CONSULTANT agree that they shall first submit any and all unsettled claims, counterclaims, disputes and other matters in question between them arising out of or relating to this Agreement or breach thereof to mediation unless the parties mutually agree otherwise. Within fifteen (15) days of receipt by one party of notice of a dispute and demand for mediation from the other party, the parties shall jointly select a mediator and shall conduct mediation within (30) days of receipt by one party of notice of a dispute and demand for mediation from the other party. The cost of mediation shall be paid equally by both parties. The OWNER and the CONSULTANT further agree to require a similar mediation provision in all agreements with independent contractors and consultants, thereby providing for mediation as the primary method for dispute resolution between the parties to those agreements.

**RISK ALLOCATION:** In recognition of the relative risks, rewards and benefits of the project to both the OWNER and CONSULTANT, the risks have been allocated so that the OWNER agrees, to the fullest extent permitted by law, total liability of CONSULTANT to the OWNER, for any and all injuries, claims, losses, expenses, damages or claim expenses arising out of this agreement, from any cause or causes, shall not exceed the total compensation received by CONSULTANT under this Agreement or to be received during the entire term of this agreement. Such causes include, but are not limited to, negligence, errors, omissions, strict liability, and breach of contract or breach of warranty.

**INDEMNIFICATION:** To the fullest extent permitted by law, CONSULTANT shall indemnify and hold harmless OWNER, OWNER's elected officials, directors, partners, employees and agents from and against any and all claims, costs, losses and damages (including but not limited to all fees and charges of engineers, architects, attorneys and other professionals and all court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of CONSULTANT or CONSULTANT's officers, directors, partners, employees, agents and CONSULTANT's services under this Agreement. To the fullest extent permitted by law, OWNER shall indemnify and hold harmless CONSULTANT, CONSULTANT's officers, directors, partners, employees, and agents from any and all claims, costs, losses and damages (including but not limited to all fees and charges of engineers, architects, attorneys and other professionals and all court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of OWNER, OWNER's officers, directors, partners, employees, agents and OWNER's consultants with respect to this Agreement or the Project. If the OWNER requests drawings furnished by electronic media, the OWNER shall sign an agreement specifically excluding CONSULTANT's liability from any use of such electronic media.

**STANDARD OF CARE:** The standard of care for all professional engineering and related services performed or furnished by CONSULTANT under this Agreement will be the care and skill ordinarily used by members of CONSULTANT's profession practicing under similar conditions at the same time and in



the same locality. CONSULTANT makes no warranties, express or implied, under this Agreement or otherwise, in connection with CONSULTANT's service.

This Agreement is based on applicable laws, regulations, standards, and requirements as of its Effective Date. Changes to these requirements after the Effective Date of this Agreement may be the basis for modifications to OWNER's responsibilities or to CONSULTANT's scope of services, times of performance, and compensation.

**FAILURE TO PAY:** If OWNER fails to make any payment due CONSULTANT for services and expenses within 30 days after receipt of CONSULTANT's invoice, then amounts due CONSULTANT will be increased at the rate of 1.5% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day; and CONSULTANT may, after giving seven days written notice to OWNER, suspend services under this Agreement until OWNER has paid in full all amounts due for services, expenses, and other related charges. OWNER waives any and all claims against CONSULTANT for any such suspension.

**TERMINATION:** The obligation to provide further services under this agreement may be terminated by either party upon thirty days written notice to the other party.

The OWNER agrees that the CONSULTANT is solely responsible for jobsite safety and warrants that this intent shall be made evident in the OWNER's agreement with the Contractor. The OWNER also agrees that the OWNER and the CONSULTANT shall be indemnified and shall be made additional insureds under the CONSULTANT's general liability insurance policy. The CONSULTANT and his personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions.

**UNUSUAL OR CONCEALED PHYSICAL CONDITIONS:** In the event CONSULTANT encounters concealed or unknown conditions of an unusual nature, differing materially from those ordinarily encountered in similar work, the OWNER agrees the CONSULTANT's scope of services, times of performance, and compensation shall be equitably adjusted.

**MISCELLANEOUS PROVISIONS:**

- a. **Notice:** All notices, requests, demands, tenders and other communications required or permitted hereunder shall be made in writing and shall be deemed to be duly given if delivered in person or mailed certified mail, return receipt requested, to the addresses set forth. Either party hereto may change the address to which notices, requests, demands, tenders and other communications to such party shall be delivered or mailed by giving notice to the other party hereto in the manner herein provided.
- b. **Waiver:** Any term or condition of this Agreement may be waived at any time by the party which is entitled to the benefit thereof, but such waiver shall only be effective if evidenced by a writing signed by such party. A waiver on one occasion shall not be deemed to be a waiver of the same or any other breach on another occasion.
- c. **Amendments:** This Agreement may be amended or modified only by a writing signed by both of the parties hereto.
- d. **Governing Law:** The validity and effect of this Agreement shall be governed, construed and enforced under the laws of the State of Georgia.
- e. **Entire Agreement:** This Agreement contains all of the terms agreed upon by the parties with respect to the subject matter hereof and there are no representations or understandings between the parties except as provided herein.
- f. **Section Headings:** Section headings contained in this Agreement are solely for convenience of reference and shall not affect the meaning or interpretation of this Agreement or of any term or provision hereof.
- g. **Time:** Time shall be of the essence in this Agreement.
- h. **Counterparts:** This Agreement may be executed in two or more counterparts, each of which shall be deemed an original and all of which together shall be considered one and the same agreement.

- i. Construction of Agreement: No provision of this Agreement shall be construed against or interpreted to the disadvantage of any party hereto or thereto by any court or other governmental or judicial authority by reason of such party having or being deemed to have structured or dictated such provision.
- j. No Third-Party Beneficiary: This Agreement shall be binding upon, inure solely to the benefit of, and be enforceable by only the parties hereto, their respective successors and permitted assigns, and nothing in the Agreement, express or implied, is intended to or shall confer upon any person, other than the parties hereto, their respective successors and permitted assigns, any rights, remedies, obligations or liabilities of any nature whatsoever.

ATTACHMENT B – STANDARD RATE AND FEE SCHEDULE



**2023**  
**Standard Rate and Fee Schedule**

Standard Hourly Rates

Executive Vice President	\$ 300.00
Senior Vice President	\$ 250.00
Vice President	\$ 225.00
Senior Professional (Architect, Engineer Regional Technical Leader, Interior Design, Scientist, Project Manager)	\$ 250.00
Professional III (Architect, Engineer Design Manager, Interior Design, Scientist, Project Manager)	\$ 225.00
Professional II (Architect, Engineer State Technical Leader, Interior Design, Scientist, Project Manager)	\$ 200.00
Professional I (Architect, Engineer Design Coordinator, Interior Design, Scientist, Project Manager)	\$ 185.00
Senior Professional Staff (Architect, Project Engineer, Interior Design, Scientist, Assistant Project Manager)	\$ 160.00
Professional Staff III (Architect, Engineer Project Professional, Interior Design, Scientist)	\$ 135.00
Professional Staff II (Architect, Engineer Staff Professional, Interior Design, Scientist)	\$ 120.00
Professional Staff I (Architect, Interior Design, Scientist)	\$ 100.00
Senior Technical (Technical Spec., Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 160.00
Technical III (Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 140.00
Technical II (Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 115.00
Technical I (Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 95.00
Intern/Co-op II (Architecture, Engineering, Interior Design, Environmental Sciences)	\$ 90.00
Intern/Co-op I (Architecture, Engineering, Interior Design, Environmental Sciences)	\$ 70.00
Executive Administrative Assistant	\$ 115.00
Administrative Assistant II	\$ 95.00
Administrative Assistant I	\$ 75.00
Surveying:	
Professional Land Surveyor	\$ 180.00
Survey Crew (four-man survey crew)	\$ 310.00
Survey Crew (three-man survey crew)	\$ 250.00
Survey Crew (two-man survey crew)	\$ 185.00
Field Tech III	\$ 105.00
Field Tech II	\$ 80.00
Field Tech I	\$ 65.00

Reimbursable Expenses

Travel Expenses	
Vehicle Transport	\$0.655 per mile
Travel/ Meals/ Lodging	Cost
Other Out-of-Pocket Expenses	Cost plus twenty percent
Sub-Consultant/ Sub-Contractors	Cost plus twenty percent
Sub-Consultant/Sub-Contractors reimbursable expenses	Cost plus twenty percent
Printing & Shipping	
Out of house reprographic services	Cost
In-House B&W reprographic services (small format)	\$0.10/ sheet (8.5 x 11)
	\$0.15/ sheet (11 x 17)
In-House Color reprographic services (small format)	\$0.10/ sheet (8.5 x 11)
	\$0.15/ sheet (11 x 17)
In-House B&W reprographic services (large format)	\$0.15/ sf
In-House Color reprographic services (large format)	\$0.20/ sf
GPS equipment	\$250.00 per day



**Goodwyn Mills Cawood**

7 East Congress Street  
Suite 504  
Savannah, GA 31401

T (912) 226-1667

[www.gmcnetwork.com](http://www.gmcnetwork.com)

July 12th, 2023

Robert Milie, Town Administrator  
Town of Thunderbolt  
2821 River Drive  
Thunderbolt, GA 31404

**Re: 3-Year Proposal to Assist with 2024 – 2025, 2025-2026, & 2026-2027 NPDES Phase I MS4 Stormwater Compliance Activities and Annual Report**

Dear Bob:

As discussed with the Town, Goodwyn Mills and Cawood, LLC (GMC) is pleased to provide the Town of Thunderbolt with a proposal to continue to assist the Town with National Pollutant Discharge Elimination System (NPDES) Phase I Municipal Separate Storm Sewer System (MS4) Permit compliance for three years to finish out the Town's 5-year permit period (reporting years 2024-2025; 2025-2026; & 2026-2027). The Town is currently in the 2<sup>nd</sup> reporting year (2023 – 2024 ) of the new 5-year permit period (2022-2027). GMC has provided as separate proposal for the Town to consider for the 2023-2024 reporting period.

GMC has extensive knowledge of the Town's stormwater system and stormwater programs. We have assisted the Town with their stormwater management program in various capacities over the years, including:

- Preparing and submitting the 2017 – 2022 and 2022-2027 Stormwater Management Plans (SWMP) & associated plans and procedures to the Georgia Environmental Protection Division (EPD)
- Implementation of the SWMP and submission of the required Annual Reports to the EPD for the previous seven reporting years
- Assistance with the EPD's 2021 stormwater compliance inspection in which there were no findings and the Town's program was found to be in compliance with regulatory requirements.

The following scope of work will ensure that the Town remains compliant in a most cost-effective manner.

## **SCOPE OF WORK**

### **Task 1: NPDES Program Management**

GMC will work on behalf of the Town as the liaison to the Georgia Environmental Protection Division (EPD) as it relates to compliance with the NPDES tasks and program responsibilities addressed within this proposal. This may include conference calls and emails with EPD and assistance with submittal of the Annual Report to EPD. The task will also include general project management and at least one (1) meeting each reporting period with the Town to prepare for the Stormwater Annual Report. Additional meetings can be scheduled on request. GMC will prepare a compliance matrix that lists the tasks required by the Town's Stormwater Management Plan (SWMP) and documentation that is needed for the Annual Report, and provide this to the Town to track task completion for the current reporting year and assist with preparation of the Annual Report.

### **Task 2: Dry Weather Screening/Illicit Discharge Monitoring**

GMC will perform Dry Weather Screening in accordance with the procedures approved in the Town's most recent Illicit Discharge Detection Elimination (IDDE) Plan submitted with the Town's revised 2022-2027 SWMP. The Town currently has 30 outfalls listed on its inventory and should inspect all of the outfalls within the 5- year permit period. GMC proposes to screen approximately 20% of the outfalls (6 outfalls) during each reporting period. In the event that new MS4 outfalls are added to the inventory, GMC will revise the inspection count to ensure that 100% of MS4 outfalls are inspected during this permit cycle.

GMC staff will complete a Dry Weather Screening Form (Outfall Reconnaissance Inventory Form) for each MS4 Outfall. If flow is not present, the GMC field staff will note it as such, take a photograph of the outfall, and complete the necessary sections of the form – (1) background data, (2) outfall description, and (3) physical indicators for flowing and non-flowing outfalls. If flow is present, GMC field staff will visually evaluate additional physical indicators of odor, color, turbidity, and floatables. The field staff will also measure temperature, pH, salinity, turbidity, and conductivity using a Horiba U-53 probe. The field staff will calibrate the equipment in accordance with standard protocols and also perform a factory calibration once per year, in compliance with QA/QC procedures. A fecal coliform grab sample will be taken and brought to an accredited laboratory, if the field results indicate potential sewage or when there is visual evidence including milky white or gray color and floatables, a sewage odor, or other applicable evidence of potential sanitary sewer discharge. Please note that lab costs associated with any required fecal coliform monitoring are additional.

GMC field staff will gather all results and complete the Dry Weather Screening Forms. For outfalls where an illicit discharge is suspected, the field staff will provide the Town with the location of the outfall and the sampling results, such that the Town staff can initiate source tracing activities, as appropriate. If requested by the Town, the GMC staff may assist with any required source tracing activities, including GIS analysis of land uses and potential sources and additional upstream water quality monitoring. (Source tracing services can be performed, upon request, at the hourly rate plus laboratory, equipment rental, and mileage expenses.)

### **Task 3: Preparation of NPDES Staff Training Materials**

Each year, GMC will provide educational materials to the Town for a stormwater training session in accordance with the requirements of the Town's NPDES Phase I MS4 permit. GMC staff will develop training materials and provide a sign-in sheet, and maintain adequate documentation for the Town's Annual Report. Training materials provided by GMC may be in the form of a video or PowerPoint presentation that the Town may provide to appropriate field and supervisory personnel during staff meetings.

**Task 4: Educational Outreach Assistance**

GMC will assist the Town by providing the following educational materials and assistance each year:

- Annual review of stormwater website and associated materials. GMC will provide comments to the Town regarding suggested website revisions that the Town may implement.
- Assist Town with responses to public input on the SWMP (posted on Town's website).
- Annual review of public information brochures available at Town Hall. GMC will provide electronic copies of educational materials that the Town may distribute.
- Provide Town with electronic versions of educational material related to industrial and highly visible pollutant sources (HVPS) facilities, so that this information can be distributed to facility managers during the Town's inspection of these facilities.
- Provide suggestions of stormwater-related material to include in one Town Newsletter per year.

**Task 5: Preparation of GIS-Based Maps and Inventories**

GMC will assist the Town with preparation of the following documents for inclusion in the Annual Report for each reporting year:

- MS4 Control Structure Inventory and Map (BMP 1.1 of Town's SWMP): GMC will maintain and update a map and an inventory database of MS4 structures.
- MS4 Inspection Reports (BMP 1.2 of Town's SWMP): GMC will prepare a table of MS4 inspection reports. This will not include information about maintenance activities.
- MS4 Outfall Inventory and Map (BMP 2.2 of Town's SWMP): GMC will maintain and update a map and inventory database of the Town's MS4 outfalls.
- MS4 Dry Weather Screening Sheets (BMP 2.3 of Town's SWMP): GMC will prepare a table summarizing outfall inspections and dry weather screening for inclusion in the Town's Annual Report. If GMC performs any source tracing at the Town's request, documentation of these activities will be maintained.

Please note that updating GIS-based maps and databases assumes that GMC will host the Town's GIS database and that the Town will provide as-builts for any new stormwater outfalls and/or stormwater structures (pipes, ditches, municipal ponds, stormwater vaults, and catch basins) that were added as a result of new development / redevelopment during the 2022-2027 reporting year.

**Task 6: NPDES Annual Report Assistance**

GMC will prepare the Town's NPDES Phase I MS4 Annual Report covering the period of April 1<sup>st</sup> to March 31<sup>st</sup> for each reporting year. In January or February of each year, GMC will provide Town staff with a compliance matrix that will list documentation that is needed for the Annual Report, after which, GMC staff will meet with Town staff to review the documentation and identify any additional best management practices (BMPs) that need to be completed prior to March 31<sup>st</sup> of each year. Using the documentation compiled, GMC will prepare the Annual Report document, as well as documentation related to any other tasks completed by GMC staff, per this contract. GMC will provide the Annual Report to the Town to review and revise it based on comments received.

GMC will prepare and mail the submittal package for EPD, on or prior to May 15<sup>th</sup>. GMC will provide the Town with an electronic copy of the Annual Report. If requested, GMC will also provide a hard copy.

## OPTIONAL ADD-ON TASKS

### **Task 7: GI/LID Ordinance Evaluation**

Section 3.3.11(b) of the Town's MS4 permit requires the Town to complete an annual evaluation of its ordinances to determine if they impede or prohibit the use of Green Infrastructure / Low Impact Development (GI/LID) practices. The EPD requires that a comprehensive ordinance evaluation must be performed at least once during the 5-year permit period using either the Center for Watershed Protection's Code and Ordinance (COW) worksheets or the EPA Scorecard (or an equivalent that is comparably as or more comprehensive), preferably during the beginning of the 2022-2027 permit period to complete and document the ordinance review. During stakeholder meetings held by the EPD to discuss the upcoming permit changes, the EPD emphasized that ordinance reviews that were conducted prior to 2022 (even if COW forms were used) will not be accepted and that a comprehensive review using the most updated forms must be completed at least once between 2022-2027 permit period.

Using the most recent version of the EPD-recommended "COW Worksheet," GMC will complete and document a review of relevant ordinances. GMC will provide completed forms and a summary memo that identifies potential code ordinance changes that the Town may consider to encourage the use of green infrastructure. These documents may be submitted with the Town's subsequent Annual Report to demonstrate compliance with this permit requirement. (Please note that implementing the suggested changes is not required by the Town's permit.)

Upon request, GMC can assist the Town with this task on an hourly, additional basis in accordance with GMC's rate structure. GMC will not proceed with this additional task unless authorized by the Town.

### **Task 8: Address EPD Comments**

The Town should anticipate receiving comments from EPD on the Annual Reports submitted each year. If needed, GMC can assist the Town with preparing a response to EPD comments & addressing any revisions that EPD may request to the Annual Reports (if any). GMC would perform this work on an hourly, additional basis, upon request from the Town, in accordance with GMC's rate structure. GMC will not proceed with this additional task unless authorized by the Town.

### **Task 9: EPD Stormwater Compliance Audit Assistance**

The EPD typically conducts stormwater compliance audits at least once every 5 years to review the Town's compliance with its Municipal Stormwater Permit, SWMP, and field inspection procedures. At the Town's request, GMC can provide assistance with the compliance audit, including preparation of documents and forms requested by the EPD, fieldwork assistance, and serve as a regulatory liaison between the EPD and the Town. GMC would perform this work on an hourly, additional basis, upon request from the Town, in accordance with GMC's rate structure. GMC will not proceed with this additional task unless authorized by the Town.

### **Schedule**

The schedule for the scope of work provided herein will be as established in the Town's SWMP and as required by the NPDES Phase I MS4 Permit. Compliance activities will be completed by March 31<sup>st</sup> of each reporting year, and the Annual Report will be completed and submitted to EPD by or before May 15<sup>th</sup> of each reporting year. Please note this schedule assumes that the Town approves this Task Order before January 1, 2024.



### Proposed Fee

GMC can implement the Scope of Work outlined above for Tasks 1-6 for the lump-sum fees set forth below. Assistance with Tasks 7-9, as outlined above, can be performed for an additional, hourly fee if requested by the Town. GMC will invoice the Town monthly, for percentage completed in accordance with the Scope of Work in Attachment A, and on the basis of the unit prices shown in Attachment B if hourly, additional services are provided. Please note this fee schedule assumes that the Town approves this Task Order before January 1, 2024.

REPORTING YEAR	TASK	COST (Lump Sum Fee)
2024-2025	Tasks 1 - 6	\$12,450 (same fee as 2023-2024)
2025-2026	Tasks 1 - 6	\$12,824
2026-2027	Tasks 1 - 6	\$13,209
	Tasks 7, 8 & 9 (Optional, Add-On Tasks)	Hourly additional fee per Rate Structure in Attachment B

### Proposal Acceptance

If this scope of work and fee proposal is acceptable, please sign and date below and forward one copy as our agreement and authorization to proceed. Please contact our office if you have any questions. We appreciate your confidence in GMC and look forward to working with you on this most important project.

Sincerely,

**GOODWYN MILLS CAWOOD, LLC**



Ed DiTommaso, AICP, GISP  
Principal

-----  
ACCEPTED BY

-----  
DATE

Attachments

## ATTACHMENT A – TERMS AND CONDITIONS

The Town of Thunderbolt ("OWNER") wishes to engage Goodwyn Mills and Cawood, Inc. ("CONSULTANT") to provide professional consulting services to assist the Town with National Pollutant Discharge Elimination System (NPDES) Phase I Municipal Separate Storm Sewer System (MS4) Permit compliance through the duration of its current NPDES Permit. The following summarizes the terms and conditions:

**ASSIGNMENT:** Neither party to this Agreement shall assign or transfer any rights under or interest in this Agreement without the prior written consent of the other party except that CONSULTANT may retain sub-consultants as CONSULTANT deems appropriate and CONSULTANT may make a collateral assignment of this Agreement to its lenders.

**DISPUTE RESOLUTION:** OWNER and CONSULTANT agree that they shall first submit any and all unsettled claims, counterclaims, disputes and other matters in question between them arising out of or relating to this Agreement or breach thereof to mediation unless the parties mutually agree otherwise. Within fifteen (15) days of receipt by one party of notice of a dispute and demand for mediation from the other party, the parties shall jointly select a mediator and shall conduct mediation within (30) days of receipt by one party of notice of a dispute and demand for mediation from the other party. The cost of mediation shall be paid equally by both parties. The OWNER and the CONSULTANT further agree to require a similar mediation provision in all agreements with independent contractors and consultants, thereby providing for mediation as the primary method for dispute resolution between the parties to those agreements.

**RISK ALLOCATION:** In recognition of the relative risks, rewards and benefits of the project to both the OWNER and CONSULTANT, the risks have been allocated so that the OWNER agrees, to the fullest extent permitted by law, total liability of CONSULTANT to the OWNER, for any and all injuries, claims, losses, expenses, damages or claim expenses arising out of this agreement, from any cause or causes, shall not exceed the total compensation received by CONSULTANT under this Agreement or to be received during the entire term of this agreement. Such causes include, but are not limited to, negligence, errors, omissions, strict liability, and breach of contract or breach of warranty.

**INDEMNIFICATION:** To the fullest extent permitted by law, CONSULTANT shall indemnify and hold harmless OWNER, OWNER's elected officials, directors, partners, employees and agents from and against any and all claims, costs, losses and damages (including but not limited to all fees and charges of engineers, architects, attorneys and other professionals and all court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of CONSULTANT or CONSULTANT's officers, directors, partners, employees, agents and CONSULTANT's services under this Agreement. To the fullest extent permitted by law, OWNER shall indemnify and hold harmless CONSULTANT, CONSULTANT's officers, directors, partners, employees, and agents from any and all claims, costs, losses and damages (including but not limited to all fees and charges of engineers, architects, attorneys and other professionals and all court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of OWNER, OWNER's officers, directors, partners, employees, agents and OWNER's consultants with respect to this Agreement or the Project. If the OWNER requests drawings furnished by electronic media, the OWNER shall sign an agreement specifically excluding CONSULTANT's liability from any use of such electronic media.

**STANDARD OF CARE:** The standard of care for all professional engineering and related services performed or furnished by CONSULTANT under this Agreement will be the care and skill ordinarily used by members of CONSULTANT's profession practicing under similar conditions at the same time and in

the same locality. CONSULTANT makes no warranties, express or implied, under this Agreement or otherwise, in connection with CONSULTANT's service.

This Agreement is based on applicable laws, regulations, standards, and requirements as of its Effective Date. Changes to these requirements after the Effective Date of this Agreement may be the basis for modifications to OWNER's responsibilities or to CONSULTANT's scope of services, times of performance, and compensation.

**FAILURE TO PAY:** If OWNER fails to make any payment due CONSULTANT for services and expenses within 30 days after receipt of CONSULTANT's invoice, then amounts due CONSULTANT will be increased at the rate of 1.5% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day; and CONSULTANT may, after giving seven days written notice to OWNER, suspend services under this Agreement until OWNER has paid in full all amounts due for services, expenses, and other related charges. OWNER waives any and all claims against CONSULTANT for any such suspension.

**TERMINATION:** The obligation to provide further services under this agreement may be terminated by either party upon thirty days written notice to the other party.

The OWNER agrees that the CONSULTANT is solely responsible for jobsite safety and warrants that this intent shall be made evident in the OWNER's agreement with the Contractor. The OWNER also agrees that the OWNER and the CONSULTANT shall be indemnified and shall be made additional insureds under the CONSULTANT's general liability insurance policy. The CONSULTANT and his personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions.

**UNUSUAL OR CONCEALED PHYSICAL CONDITIONS:** In the event CONSULTANT encounters concealed or unknown conditions of an unusual nature, differing materially from those ordinarily encountered in similar work, the OWNER agrees the CONSULTANT's scope of services, times of performance, and compensation shall be equitably adjusted.

**MISCELLANEOUS PROVISIONS:**

- a. **Notice:** All notices, requests, demands, tenders and other communications required or permitted hereunder shall be made in writing and shall be deemed to be duly given if delivered in person or mailed certified mail, return receipt requested, to the addresses set forth. Either party hereto may change the address to which notices, requests, demands, tenders and other communications to such party shall be delivered or mailed by giving notice to the other party hereto in the manner herein provided.
- b. **Waiver:** Any term or condition of this Agreement may be waived at any time by the party which is entitled to the benefit thereof, but such waiver shall only be effective if evidenced by a writing signed by such party. A waiver on one occasion shall not be deemed to be a waiver of the same or any other breach on another occasion.
- c. **Amendments:** This Agreement may be amended or modified only by a writing signed by both of the parties hereto.
- d. **Governing Law:** The validity and effect of this Agreement shall be governed, construed and enforced under the laws of the State of Georgia.
- e. **Entire Agreement:** This Agreement contains all of the terms agreed upon by the parties with respect to the subject matter hereof and there are no representations or understandings between the parties except as provided herein.
- f. **Section Headings:** Section headings contained in this Agreement are solely for convenience of reference and shall not affect the meaning or interpretation of this Agreement or of any term or provision hereof.
- g. **Time:** Time shall be of the essence in this Agreement.
- h. **Counterparts:** This Agreement may be executed in two or more counterparts, each of which shall be deemed an original and all of which together shall be considered one and the same agreement.

- i. Construction of Agreement: No provision of this Agreement shall be construed against or interpreted to the disadvantage of any party hereto or thereto by any court or other governmental or judicial authority by reason of such party having or being deemed to have structured or dictated such provision.
- j. No Third-Party Beneficiary: This Agreement shall be binding upon, inure solely to the benefit of, and be enforceable by only the parties hereto, their respective successors and permitted assigns, and nothing in the Agreement, express or implied, is intended to or shall confer upon any person, other than the parties hereto, their respective successors and permitted assigns, any rights, remedies, obligations or liabilities of any nature whatsoever.

ATTACHMENT B – STANDARD RATE AND FEE SCHEDULE



**2023**  
**Standard Rate and Fee Schedule**

Standard Hourly Rates

Executive Vice President	\$ 300.00
Senior Vice President	\$ 250.00
Vice President	\$ 225.00
Senior Professional (Architect, Engineer Regional Technical Leader, Interior Design, Scientist, Project Manager)	\$ 250.00
Professional III (Architect, Engineer Design Manager, Interior Design, Scientist, Project Manager)	\$ 225.00
Professional II (Architect, Engineer State Technical Leader, Interior Design, Scientist, Project Manager)	\$ 200.00
Professional I (Architect, Engineer Design Coordinator, Interior Design, Scientist, Project Manager)	\$ 185.00
Senior Professional Staff (Architect, Project Engineer, Interior Design, Scientist, Assistant Project Manager)	\$ 160.00
Professional Staff III (Architect, Engineer Project Professional, Interior Design, Scientist)	\$ 135.00
Professional Staff II (Architect, Engineer Staff Professional, Interior Design, Scientist)	\$ 120.00
Professional Staff I (Architect, Interior Design, Scientist)	\$ 100.00
Senior Technical (Technical Spec., Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 160.00
Technical III (Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 140.00
Technical II (Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 115.00
Technical I (Contract Spec., CADD Tech., Designer, Drafting, CA, ROW, Inspector)	\$ 95.00
Intern/Co-op II (Architecture, Engineering, Interior Design, Environmental Sciences)	\$ 90.00
Intern/Co-op I (Architecture, Engineering, Interior Design, Environmental Sciences)	\$ 70.00
Executive Administrative Assistant	\$ 115.00
Administrative Assistant II	\$ 95.00
Administrative Assistant I	\$ 75.00
Surveying:	
Professional Land Surveyor	\$ 180.00
Survey Crew (four-man survey crew)	\$ 310.00
Survey Crew (three-man survey crew)	\$ 250.00
Survey Crew (two-man survey crew)	\$ 185.00
Field Tech III	\$ 105.00
Field Tech II	\$ 80.00
Field Tech I	\$ 65.00

Reimbursable Expenses

Travel Expenses	
Vehicle Transport	\$0.655 per mile
Travel/ Meals/ Lodging	Cost
Other Out-of-Pocket Expenses	Cost plus twenty percent
Sub-Consultant/ Sub-Contractors	Cost plus twenty percent
Sub-Consultant/Sub-Contractors reimbursable expenses	Cost plus twenty percent
Printing & Shipping	
Out of house reprographic services	Cost
In-House B&W reprographic services (small format)	\$0.10/ sheet (8.5 x 11)
	\$0.15/ sheet (11 x 17)
In-House Color reprographic services (small format)	\$0.10/ sheet (8.5 x 11)
	\$0.15/ sheet (11 x 17)
In-House B&W reprographic services (large format)	\$0.15/ sf
In-House Color reprographic services (large format)	\$0.20/ sf
GPS equipment	\$250.00 per day

## **INTER OFFICE CORRESPONDENCE**

TO: Town Administrator, Robert Milie

FROM: Chief Sean Clayton

DATE: August 1, 2023

SUBJECT: Monthly Report for July 2023

### **POLICE DEPARTMENT:**

The new patrol car has been marked out, equipment installed and is in operation. I attended the Chief's Summer Conference over at the Trade Center. I met some new vendors and made contact with some of our existing vendors, so it was good to be able to network with them and other law enforcement agencies.

During a traffic stop earlier in the month for a minor traffic offense, drugs along with an AK-47 pistol, loaded with a 30-round magazine were confiscated. That person was arrested and Chatham County Narcotics Team along with the ATF were also brought in to see if they wanted to pursue Federal Charges. (*Their charges are currently pending at this time.*) We did this because of the type of drug, and because of the type of weapon the person had in his possession when stopped by officers.

Prior to that incident, Thunderbolt officers assisted Georgia State Patrol in a vehicle chase that started on Tybee Island and ended in our jurisdiction. Georgia State Patrol used a PIT (Pursuit Immobilization Technique) Maneuver and stopped the vehicle on the westbound side of the James "Jimmy" Petrea Bridge, coming into Thunderbolt. Thunderbolt officers along with Georgia State Patrol worked side by side and charged several offenders with several felonies. These suspects were arrested and are all still in jail awaiting their court dates in the Superior Court of Chatham County.

## DEPARTMENT MONTHLY ACTIVITY REPORT

INCIDENT REPORTS	22
ACCIDENT REPORTS	11
MISC. REPORTS	3
DOMESTIC VIOLENCE CASES	2
D.U.I. ARRESTS	0
PERSONS ARRESTED	12
TRAFFIC CITATIONS	82
WRITTEN WARNINGS	34
ANIMAL COMPLAINTS	1

2022/2023 Monthly Comparison																										
Classification of Offenses	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		Yearly	
	22	23	22	23	22	23	22	23	22	23	22	23	22	23	22	23	22	23	22	23	22	23	22	23	2022	2023
Homicide	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sexual Assault	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	3	0	0	0	0	0	0	0	3	2
Robbery	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	4	0
Agg Assault	0	2	0	0	1	0	0	0	0	0	0	0	2	1	0	0	0	0	1	0	0	0	0	0	4	3
Simple Assault	0	0	2	0	0	0	1	0	2	1	2	0	2	1	1	0	0	0	0	0	0	0	1	0	11	2
Burglary	1	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	6	0
Larceny-Theft	1	3	1	1	2	12	9	1	9	5	4	3	6	1	1	0	4	0	0	0	4	0	4	0	45	26
Auto Theft	0	0	0	0	0	0	0	1	1	0	1	1	3	0	0	0	0	0	0	0	0	0	1	0	6	2
	3	5	4	1	3	12	10	2	14	6	7	6	16	3	4	0	7	0	1	0	4	0	6	0	79	35

## MUNICIPAL COURT

The fees and fines the Court collected for the month of July were \$11,444.00





## Mission Statement

"The mission of the Thunderbolt Fire Department is to minimize loss of life, property and environment in the Town of Thunderbolt from both natural and man-made disasters, life threatening situations and to assist other emergency agencies.

We will achieve this mission through professional/progressive training and fire education while providing first class services to our community."



## MAYOR AND COUNCIL REPORT

July 2023 Report

Prepared by:

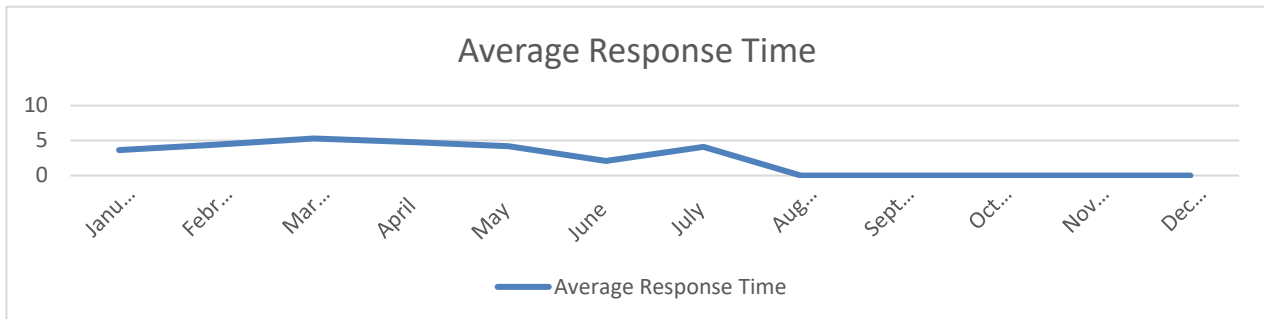
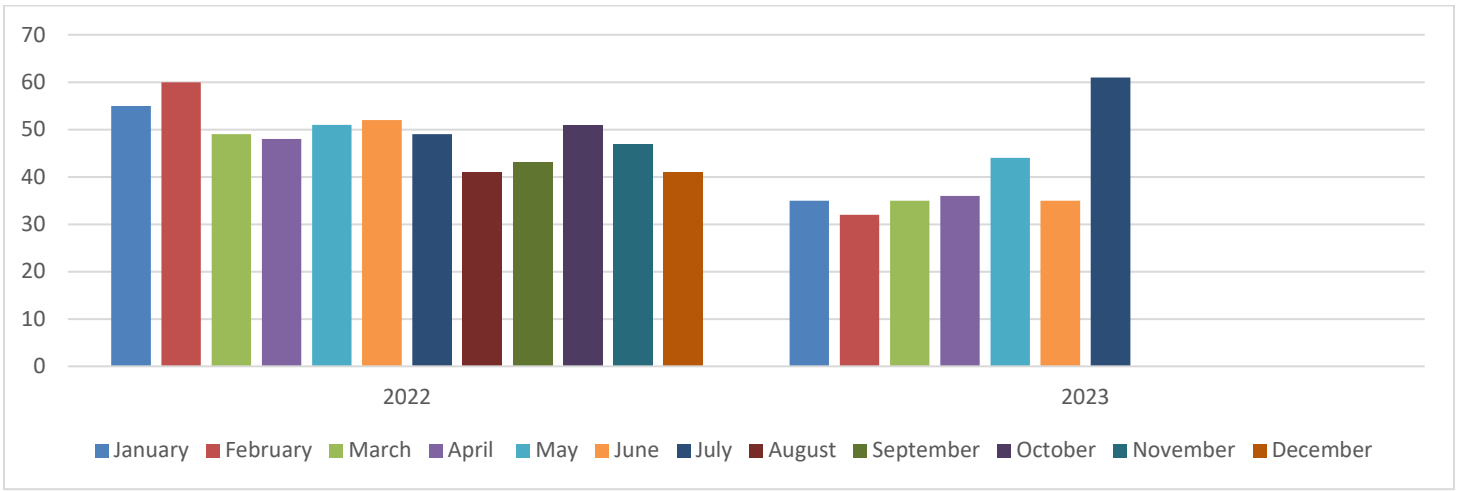
**Andrew Bateman**

Chief of Thunderbolt Fire Department

## Thunderbolt Fire Incident Breakdown

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	YTD
<b>Fire Response</b>	11	10	11	7	5	9	14						67
<b>EMS Response</b>	24	22	24	29	39	26	47						211
<b>Grand Total</b>	35	32	35	36	44	35	61	0	0	0	0	0	278

## Call Comparison Between 2022 & 2023



## **Department News**

### Highlighted Projects:

- Several repairs completed around the station (Vehicle Maintenance, Ice Machine, etc.)
- Significant increase in emergency responses for the month of July.
- Continue to strive to keep response times at an acceptable level. July average response time 4 min and 12 seconds.

### Chief Report:

- Preparing for Insurance Services Office (ISO) Audit. No date set for audit at this time.
- Relocated the Plum Tree (Wesley Franklin's Tree) from Thompson Park to Fire Station
  - Special Thank you to Ben @Public Works for assisting with this project.
- Continue working on new Computer Aided Dispatch (CAD) system, new go live date is in October 2023.
  - Waiting on software download for 2 laptops (Squad 51 and Chief 50 Vehicles).
  - Began working on programming of all portables to meet the requirements of new CAD system.
  - Continue work on Field Ops Program for new CAD system.
  - Will begin required training once items above are completed.

## **Thunderbolt Fire Department** **Training July**

Online Training: **33.33 Hours**  
Company Training: **15.24 Hours**  
Outside Training: **0 Hour**

**YTD 2023 Hours: 314.47 Hours**



**MONTHLY STATUS REPORT**

**FOR**

**PUBLIC WORKS**

**FOR THE**

**TOWN OF**

**THUNDERBOLT**

**JULY 2023**





# **Water Treatment Reports**

**Coastal H 2 O**

Laboratory: 600

115 Oglethorpe Professional Ct. Suite 8

Savannah, Ga. 31406

912.352.4311

coastalh2o@comcast.net

**Water Report**

Water System: GA 0510006 Thunderbolt Water System 1

Sampling Location: *Library*

Sample Type: *Routine*

Lab Sample No.: **119332**

Collected by Oscar Crosby

Sample Collected: 7/20/2023 09:40

Lab Received: 7/20/2023 10:46

Chlorine Residual: **0.64**

Analyte	Method	Start Date /Time	End Date/Time
Coliform TCR	9223B	7/20/2023 10:46	7/21/2023 13:00

**Results:**

Total Coliform:

Absent

E. Coli:

Absent

**Detection limits:** Absent

**Absent** - Total Coliform Absent indicates this sample is suitable for consumer usage. No further action required.

**Present**- Total Coliform Present indicates that disease-causing microbes may be present.

Report Date: 7/21/2023

By:   
Laboratory Director

**Coastal H 2 O**

Laboratory: 600

115 Oglethorpe Professional Ct. Suite 8

Savannah, Ga. 31406

912.352.4311

coastalh2o@comcast.net

**Water Report**

Water System: GA 0510006 Thunderbolt Water System 2

Sampling Location: **2821 River Dr**

Sample Type: **Routine**

Lab Sample No.: **119333**

Collected by Oscar Crosby

Sample Collected: 7/20/2023 09:53

Lab Received: 7/20/2023 10:46

Chlorine Residual: **1.13**

Analyte	Method	Start Date /Time	End Date/Time
Coliform TCR	9223B	7/20/2023 10:46	7/21/2023 13:00

**Results:**

Total Coliform:

Absent

E. Coli:

Absent

**Detection limits:** Absent

**Absent** - Total Coliform Absent indicates this sample is suitable for consumer usage. No further action required.

**Present**- Total Coliform Present indicates that disease-causing microbes may be present.

Report Date: 7/21/2023

By:   
Laboratory Director

**Coastal H 2 O**

Laboratory: 600

115 Oglethorpe Professional Ct. Suite 8

Savannah, Ga. 31406

912.352.4311

coastalh2o@comcast.net

**Water Report**

Water System: GA 0510006 Thunderbolt Water System 3

Sampling Location: **423 Bonaventure Rd**

Sample Type: **Routine**

Lab Sample No.: **119334**

Collected by Oscar Crosby

Sample Collected: 7/20/2023 10:01

Lab Received: 7/20/2023 10:46

Chlorine Residual: **1.18**

Analyte	Method	Start Date /Time	End Date/Time
Coliform TCR	9223B	7/20/2023 10:46	7/21/2023 13:00

**Results:**

Total Coliform:

Absent

E. Coli:


Absent

**Detection limits:** Absent

**Absent** - Total Coliform Absent indicates this sample is suitable for consumer usage. No further action required.

**Present**- Total Coliform Present indicates that disease-causing microbes may be present.

Report Date: 7/21/2023

By: 

Laboratory Director





# **Water Distribution Reports**

**ENVIRONMENTAL PROTECTION DIVISION  
DRINKING WATER PROGRAM  
GROUND WATER OPERATION REPORT**

**System Name:** Thunderbolt Water System  
**Plant Name:** Well #4  
**County:** Chatham  
**Summary of (MONTH)** JULY

**WSID #:** GA- 510006  
**Plant ID# :**  
**Permit # :** 510006  
**(YEAR):** 2023

Day of Month	Raw Water Treated* (Gallons)	Treated Water Pumped to Distribution System* (Gallons)	Amount of Fluoride Used (lb or gal)	Finished Water Analysis			Remarks
				Chlorine Free Available (mg/L)	Fluoride (mg/L)	pH Value (S.U.)	
1	316,590	316,590		1.41		7.8	
2	259,112	259,112		1.24		7.8	
3	440,890	440,890		0.82		7.8	
4	217,976	217,976		1.12		7.8	
5	302,161	302,161		131.00		7.8	
6	329,271	329,271		1.65		7.8	
7	290,401	290,401		0.58		7.6	
8	280,165	280,165		0.96		7.7	
9	205,095	205,095		1.14		7.7	
10	295,563	295,563		1.68		7.7	
11	316,150	316,150		1.21		7.7	
12	305,329	305,329		0.73		7.7	
13	280,406	280,406		1.73		7.7	
14	340,330	340,330		1.01		7.7	
15	282,487	282,487		0.56		7.7	
16	251,853	251,853		0.62		7.7	
17	264,684	264,684		1.55		7.7	
18	315,685	315,685		0.42		7.7	
19	225,488	225,488		1.43		7.7	
20	357,026	357,026		0.87		7.7	
21	308,155	308,155		0.92		7.7	
22	343,740	343,740		0.95		7.7	
23	334,390	334,390		0.91		7.7	
24	249,001	249,001		1.27		7.7	
25	108,517	108,517		1.38		7.7	
26	306,522	306,522		0.62		7.7	
27	254,208	254,208		1.96		7.7	
28	308,687	308,687		1.84		7.7	
29	232,649	232,649		1.24		7.7	
30	237,818	237,818		1.52		7.7	
31	240,772	240,772		1.79		7.7	
<b>Total</b>	8,801,121	8,801,121	0	166.13	0	239.20	
<b>Days</b>	31	31	0	31	0	31	
<b>Avg.</b>	283,907	283,907	0.00	5.36	0.00	7.72	
<b>Max.</b>	440,890	440,890	0	131	0	7.8	
<b>Min.</b>	108,517	108,517	0	0.42	0	7.6	

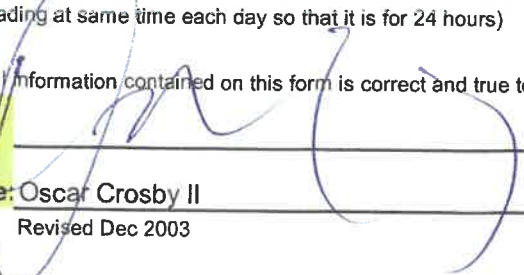
\*Treated and/or Pumped values should be reported as a total for a 24 hour period beginning 0000-2400.

(e.g., Take reading at same time each day so that it is for 24 hours)

Type Fluoride Compound Used: n/a

Type Chlorine Compound Used: Sodium Hypochlorite

I certify that all information contained on this form is correct and true to the best of my knowledge.

**Signature:**  **Title:** Public Works Manager

**Print Name:** Oscar Crosby II **Certification Class:** III **Phone #:** 912-644 7999

**ENVIRONMENTAL PROTECTION DIVISION  
DRINKING WATER PROGRAM  
GROUND WATER OPERATION REPORT**

**System Name:** Thunderbolt Water System  
**Plant Name:** Well # 3  
**County:** Chatham  
**Summary of (MONTH)** JULY

**WSID #:** GA- 510006  
**Plant ID# :**  
**Permit # :** 510006  
**(YEAR):** 2023

Day of Month	Raw Water Treated* (Gallons)	Treated Water Pumped to Distribution System* (Gallons)	Amount of Fluoride Used (lb or gal)	Finished Water Analysis			Remarks
				Chlorine Free Available (mg/L)	Fluoride (mg/L)	pH Value (S.U.)	
1	0	0		0.00	0.0	0.0	No water withdrawn from the ground.
2	0	0					
3	0	0					
4	0	0					
5	0	0					
6	0	0					
7	0	0					
8	0	0					
9	0	0					
10	0	0					
11	0	0					
12	0	0					
13	0	0					
14	0	0					
15	0	0					
16	0	0					
17	0	0					
18	0	0					
19	0	0					
20	0	0					
21	0	0					
22	0	0					
23	0	0					
24	0	0					
25	0	0					
26	0	0					
27	0	0					
28	0	0					
29	0	0					
30	0	0					
31	0	0					
Total	0	0	0	0.00	0	0.00	
Days	31	31	0	1	1	1	
Avg.	0	0	0.00	0.00	0.00	0.00	
Max.	0	0	0	0	0	0	
Min.	0	0	0	0	0	0	

\*Treated and/or Pumped values should be reported as a total for a 24 hour period beginning 0000-2400.

(e.g., Take reading at same time each day so that it is for 24 hours)

Type Fluoride Compound Used: n/a

Type Chlorine Compound Used: Sodium Hypochlorite

I certify that all information contained on this form is correct and true to the best of my knowledge.

**Signature:**   
**Print Name:** Oscar Crosby II  
**Title:** Public Works Manager  
**Certification Class:** III  
**Phone #:** 912-644 7999



---

## Thunderbolt Meter

Public Works \_\_\_\_\_ 2,800 gals.

Fire Department \_\_\_\_\_ 8,100 gals.

Senior Citizens \_\_\_\_\_ 9,390 gals.

Town Hall \_\_\_\_\_ 11,300 gals.

Thompson Park \_\_\_\_\_ 43,730 gals.

Honey Park \_\_\_\_\_ 430 gals.

Nellie Johnson Park \_\_\_\_\_ 10 gals.

Cesoroni Ball Field \_\_\_\_\_ 60 gals.

Downing St. Lift Station  
Gross Pumped \_\_\_\_\_ 8,065,496 gals.

Savannah Water Usage \_\_\_\_\_ 1,102,877 gals.

Line Flushing \_\_\_\_\_ 0 gals.

Chlorides: Well #3 10 ppm      Well #4 70 ppm



# **Comprehensive Work Order Report**



Description	January	February	March	April	May	June	July	August	September	October	November	December	YTD
<b>Water</b>													
Cut-on	34	26	42	45	42	41	35						265
Cut-off	32	28	36	39	41	38	29						243
Red-tagged residences	0	0	0	0	1	0	0						1
Complaints- quality	0	0	0	0	0	0	0	1					1
Complaints- LWP	4	0	0	1	0	0	1						6
Meters read	1094	1096	1102	1118	1114	1129	1126						7779
Meters re-read	17	8	5	7	7	11	12						67
Meters/Boxes replaced	1	0	4	2	1	0	2						10
New meters installed	0	0	1	0	3	0	0						4
Data Logs	4	7	1	7	4	3	6						32
Lines repaired/leaks	3	4	2	1	8	1	0						19
Hydrant flushed	0	0	0	0	0	1	0						1
<b>Wastewater</b>													
Complaints	0	0	0	1	0	1	0						2
Repairs- managed	0	1	0	0	0	0	0						1
Repairs- enacted	0	0	0	0	0	0	0						0
Spills	0	0	0	0	0	0	0						0
Back-ups	0	0	0	0	0	0	0						0
LS call-outs	0	0	0	0	0	0	0						0
<b>Sanitation</b>													
Garbage Tons collected													0
RECY Tons collected													0
Dry Trash Emptied													0
Complaints	2	1	1	0	0	0	0						4
Cans replaced/repaired	0	0	0	0	0	0	1						1
<b>General Maintenance</b>													
Facilities/Parks repairs	20	13	14	15	18	16	8						90
Road repairs	5	12	5	6	7	4	11						50
Signs repaired/installed	5	3	1	4	2	0	1						16
<b>Stormwater</b>													
Tide Gates/Outfalls	0	0	0	0	0	0	0						0
Canals/Ditches	0	3	2	0	0	5	2						12
Structures	0	0	0	0	0	1	0						1
Repairs	0	0	0	0	0	0	0						0
Maintenance	0	2	0	0	0	0	0						2
Inspections	0	43	58	0	0	0	0						101

**DANA WILLIAMS**  
MAYOR

**ROBERT L. MILIE**  
TOWN ADMINISTRATOR

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

**CHARLES W. BARROW**  
TOWN ATTORNEY



**COUNCIL MEMBERS**

**DAVID P. CRENSHAW**  
**EDWARD M. DROHAN, III**  
**LAWRENCE WARD**  
**BROOKS BARBAREE**  
**JAMES LAVIN**  
**BETHANY SKIPPER-GREER**

**To Be on August Agenda**

- Sustainability Plan Follow Up
  - Introduction to Kickoff for Compost Plan
  - Upcycling Contract – subject to legal review – recommend approval
  - COR composting – agreement – subject to legal review – recommend approval
- County Grant Support – Recommend Approval
- HBBB CPA firm – Professional Service – Contract Renewal – Recommend Approval
- FD Report
- PD Report
- DPW Report
- Admin. Report
- Finance Report

**Around Town**

- **Ongoing Topics**
  - **Fountain – Tompson Park - Well**
  - **Honey Park**
  - **Macceo Drive – Road Issues**
  - **Sustainability Program – in house as well as exterior**
  - **Solar – Awaiting City 2 months away report**
  - **Dog Stations**
  - **Unaccounted for Water**
  - **Rowland & Tuberson – LMIG**
  - **Road Rating System – LMIG**
  - **Forcemain Sewage Grant**
  - **Thunderbolt Community Improvement Association – Issues & Back to School**

**Grants**

- LMIG 2023 (**Awarded:** 02-09-2023)
  - Road Repair - Macceo Drive from the Dock to Brightwater Dr. w/ Engineering
- GA Forestry Commission Technical Support Grant (**Awarded:** 01-23-2023)

**DANA WILLIAMS**  
MAYOR

**ROBERT L. MILIE**  
TOWN ADMINISTRATOR

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

**CHARLES W. BARROW**  
TOWN ATTORNEY



**COUNCIL MEMBERS**

**DAVID P. CRENSHAW**  
**EDWARD M. DROHAN, III**  
**LAWRENCE WARD**  
**BROOKS BARBAREE**

**JAMES LAVIN**  
**BETHANY SKIPPER-GREER**

- Finished the last workshop and established a planting tree goal of 2% increase in tree canopy in 20 years. Final Report to be submitted in September Council
  - Tree Canopy/ Survey mapping needs
  - Strategic Plan Development - 4/17/23 - GIS - workshop opening for year
- **AFG (Submitted: 02/10/2023)**
  - Fire Department PPE & Tender for areas without hydrants
- **Chatham County Blueprint (\$50,000 Awarded)**
  - Senior Center - submitted based on last year successful submission and we will continue to work the process with SCI and the County during the awards process
- **State Fiscal Relief/ ARPA (Due 04/15/2023)**
  - Force Main
- **LMIG 2024 (Begin Submission July 2023)**
- **Warnock community grant submitted in second stage currently**