



**TOWN OF THUNDERBOLT
REGULAR MONTHLY MEETING
WEDNESDAY, MAY 10, 2023
6:00 PM
REVISED**

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 - 7
Minutes of April 12, 2023
5. **Presentations:**
 - a) Asian and Pacific Islander Recognition Page 8
6. **Finance Report:** Page 9 – 12
 - a) Approval of Budget Amendments for 2022
7. **Discussion Agenda:**
 - a) Approval of a Home Occupation Permit for Mz Alexiss Trucking LLC at 2827 Grant Street. Page 13 – 14
 - b) Approval of Fountain Repair for Thomson Park. Page 15
 - c) Discussion on Tree Commission Membership and Mission. Page 16–20
 - d) Discussion on Rain Harvesting in Thunderbolt. Page 21
8. **Department Report – Written Reports Submitted**
 - by: **Police / Municipal Court / Neighborhood Watch – Sean Clayton, Chief of Police** Page 22 - 23
Fire –Fire Chief, Andrew Bateman Page 24 – 26
Public Works Department – Oscar Crosby, Public Works Manager Page 27 – 37

10. **Legal Report** – Town Attorney

11. **Mayor and Council**

12. **Thunderbolt Museum**

13. **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.

14. **Adjournment:**



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

AGENDA HEARING

Public has five minutes per person to ask questions or comment on any agenda item. called meeting to order for public meeting at 6:03 pm

Stella Lavin, 3125 Robertson Ave, asked Council to consider parking with The Village Store liquor license. Mayor Williams stated they will.

Town Administrator Milie announced glass recycling is coming to Thunderbolt for pilot of 3 months. It will start at the Earth Day/Arbor Day Event. The recycling bin will be in the Senior Center's overflow parking lot.

Marianne Ganem Poppell – Egg Hunt. Earth Day/Arbor Day on April 22nd activities, Blessing of the Fleet, April 29th double number 3000 for this year. Recap of Egg Hunt will come out next week.

Cynthia Mauger, 2705 River Drive, recommended having more seating near the food trucks for the Blessing of the Fleet.

Council Member Drohan stated the Water Ad Hoc Committee efforts have kept us under the withdrawal rates set by EPD. The committee is looking to initiating more conservation efforts such as low flow toilets and faucets.

Anna Maria Thomas – Thunderbolt Museum – stated the museum made \$600 on the last garage sale. This month the museum will be at the be Blessing of the Fleet. Future fundraisers maybe an oyster roast and silent auction. Town Administrator Milie stated the 5000 eggs that were gone in 4 min was due to Mrs. Thomas assistance in stuffing the eggs.

Council Member Drohan stated there is a citizen conservation committee. If anyone is interested, they can sign up at the Earth Day table.

Georgia Municipal Association has a Youth Fellows Committee. Council Member Drohan is a part of this committee. Their goal is to expand involvement with youth, youth development, education, vocational and mental health. The committee is creating a list of priorities. They have met twice in person and has met by a couple of zoom meetings.

Mayor Williams asked Chief Clayton to update on the car thefts. Chief Clayton stated usually when issues arise in Thunderbolt, they also are happening in Savannah. Officers rang doorbells to see if anyone saw anything. Officers were able to get the description of the car seen at the scene of the crime. Officers were lucky it had a broken taillight and were able to pull them over. There was not enough evidence to arrest. Officers shared their information with Savannah and they in turned shared the information to all their officers to be on the lookout for the vehicle. Sharing this information led to the arrest of the suspect.

REGULAR MEETING

1. Call to order

Mayor Williams called the meeting to order at 6:32 pm

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

Those in attendance were Mayor Dana Williams and Council Members: Bethany Skipper-Greer, Dave Crenshaw, Larry Ward, Ed Drohan, James Lavin and Brooks Barbaree. Staff in attendance were: Town Administrator, Bob Milie; Town Attorney, Charlie Barrow; Clerk of Council, Deatre Denion; Police Chief, Sean Clayton, Public Works Director, Oscar Crosby and Utilities/Accounts Payable Manager, Katina Spaulding.

Reverend Smalls gave the invocation.

3. Approval of Meeting Agenda

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

4. Approval of Minutes from Previous Meeting:

Minutes of March 8, 2023

Mayor Williams asked for a motion to approve the March 8, 2023 meeting minutes. **Council Member Ward made the motion to approve the March 8, 2023 meeting minutes with a second from Council Member Crenshaw. The motion passed unanimously.**

5. Presentations:

- a) **CASA Presentation** – Kate Blair – Announced it is Child Abuse Prevention Month. One of Thunderbolt's residents is a devoted volunteer, Cynthia Mauger. There are 90 volunteers to help with the children. They advocate in court for their best interest. Ms. Blair encourages citizens of Thunderbolt to volunteer. They will be trying to recruit at the Blessing of the Fleet. Mayor Williams asked if someone wanted more information where should they go. Ms. Blair stated anyone could go to the website brightsideadvacacy.org.

- b) **Corporal Michael Foran Excellence in Customer Service Recognition**

Mayor Williams read and presented the Customer Service Recognition.

- c) **Earth Day Proclamation**

Mayor Williams read and presented the Earth Day Proclamation to Ed Drohan

- d) **Arbor Day Proclamation**

Mayor Williams read and presented the Arbor Day Proclamation.

- e) **Tree City USA Recognition – Robert Seamans Jr., Georgia Forestry Commission**

Mr. Seamans Jr. presented Tree City USA year 11 to Mayor Williams. He spoke of working with staff and tree commission to get a grant for the town's tree canopy.

- f) **Weeping Times Proclamation**

Rev. Smalls and Pastor Young, and a representative from Liteway Baptist Church were present to accept the proclamation. Mayor Williams stated he and Council Member Barbaree attended a Weeping Time Event and learned about this time in history.

Rev. Small spoke at 10 years old started the fight for civil rights. He is 72 years now and we are still fighting. We can do this. Down in Darian Georgia created a group with a overseer decedent and slave decedent. We need to save these iconic places so we can contemplate and not repeat history.

g) **Blessing of the Fleet Resolution**

Mayor Williams read the resolution for the Blessing of the Fleet concerning alcohol usage for the festival.

Town Attorney Barrow stated the Council needs to vote on the resolution. **Council Member Ward made the motion to approve the Blessing of the Fleet Resolution with a second from Council Member Crenshaw. The motion was approved unanimously.**

h) **Blessing of the Fleet Proclamation**

Mayor Williams wanted to do something a little different for people that have devoted their time to Thunderbolt. Anna Maria Thomas, Councilmen John Henry, Councilmen John Hall, Making them Fleet Ambassadors. Mayor Williams read the proclamation and provided a copy to each ambassador.

6. **Finance Report:**

Shannon Brett, Holland, Bromley, Barnhill & Brett, provided highlights of the town finances. Ms. Brett stated the finances are complete for the first quarter. Revenue is at 30% and expenses are at 21% of the budget. Budget amendments for 2022 must be posted and approved at the May meeting. On March 30th a meeting was held with Council Member Crenshaw and Town Administrator Milie to finalize the moving of the surplus funding. Money was moved to the Georgia Fund with over a 4% interest rate. Council Member Drohan asked with bank failures, are we looking at any problem to using a smaller bank. Ms. Brett stated we do not anticipate any issues. Council Member Crenshaw asked Town Administrator to explain state law with banking for governments. Town Administrator Milie explained the banks are not allowed to have free reign to lend money out. Council Member Crenshaw suggested the town could take the million dollar and break it down into smaller amounts for more than one bank.

7. **Discussion Agenda:**

a) **Petitioner:** Samuel & Mary Williams Jr.

Request: Subdivide lot

Parcel Involved: 30002 06029Y

Location: 212 Bonaventure Rd.

Michael Hough representing the Williams explained they wish to build a garage for their boat and have an apartment on top. Council Member Crenshaw asked if they need any variance. Mr. Hough stated they do not. **Council Member Ward made motion to approve the subdivide with a second from Council Member Drohan. There was no discussion. The motion passed unanimously.**

b) **Approve The Village Store, Ltd (Village on the Bluff) alcohol license at 2912 River Dr.**

Laurie DeVegter, 2415 Tennessee Ave, explained they are starting a store at the Village on the Bluff. Provisions, snacks, sandwiches, gifts, antiques, selling wine bottles and cans will be what they will provide. There was a question about parking. Ms. DeVegter stated they met the parking requirements during development. There are four parking spaces for the retail. **Council Member Ward made the motion to approve The Village Store's alcohol license with a second from Council Member Barbaree. The motion passed unanimously.**

- c) Approval of the Home Occupation Permit for Low Country Cleaning at 3210 Woodlawn Dr.

Clerk of Council Denion explained Low Country Cleaning had a home occupation permit in the past but did not have a renewal last year. Ava Simons explained originally her mother owned the cleaning company and she is purchasing it from her. **Council Member Ward made the motion to approve the home occupation permit with a second from Council Member Drohan. The motion passed unanimously.**

- d) Approval of the Revocation of the Bait Shop Lease on Isle of Armstrong with Michael Purvis, Jr.

Mayor Williams asked for an approval for the revocation of the Bait Shop Lease on Isle of Armstrong with Michael Purvis, Jr. **Council Member Drohan made the motion to approve revocation with a second from Council Member Skipper-Greer. The motion passed unanimously.**

- e) Approval of the New Bait Shop Lease on Isle of Armstrong with Top of the Line, Bait & Tackle, LLC.

Town Administrator Milie explained this is the same lease as last month but with the cost being at \$550 for the entirety of the three-year lease. For the reduction in monthly cost, the lessee will be doing maintenance on the property, such as litter pick up and grass cutting. Staff recommends approval. Council Member Skipper-Greer asked if there is any issue with being on town property. Town Administrator Milie stated not with them having a lease. **Council Member Crenshaw made the motion to approve the lease as rendered with a second from Council Member Ward. The motion passed unanimously.**

8. Department Report – Written Reports Submitted

by: **Police / Municipal Court / Neighborhood Watch – Sean Clayton, Chief of Police**

Chief Clayton spoke about the person that was stealing the lottery tickets from Parkers. He reached out to a friend with the FBI, who directed Chief Clayton to a contact at the Pooler Police Department. Pooler has a face recognition software that they used to identify the suspect. After sharing with other municipalities who had it happen in their jurisdiction, an arrest was made.

Fire –Fire Chief, Andrew Bateman

Fire Chief Bateman had a family emergency and was not at the meeting.

Public Works Department – Oscar Crosby, Public Works Manager

Public Works Director Crosby stated they are beginning the paving projects, starting with Teeple, Lewis and Fire Station. This upcoming month the valve for Shell Rd will be added. Public Works Director Crosby stated crews are working at Senior Center on landscaping around the building.

Mayor Williams thanked all of staff for their help with the Egg Hunt.

9. Town Administrator Report: Town Administrator, Bob Milie

- a) **Glass Recycling**
- b) **Event Update**

Council Member Lavin asked about blight and how does the town define it? Clerk of Council Denion explained the definition varies on who is asked. The project for Council Member Drohan identifies blighted as vacant and not livable. Some say blight is derelict and run down but could be lived in.

10. Legal Report – Town Attorney

Town Attorney Barrow had nothing to report.

11. Mayor and Council

Mayor Williams asked Council Member Barbaree to speak on dog poop dispensers. Council Member Barbaree asked for staff to purchase dispensers to put in high traffic areas. Town Administrator Milie stated staff are looking at the best location and type of dispensers needed.

12. Thunderbolt Museum

Ms. Thomas gave her report during public hearing.

Mayor Williams asked for a motion to move into Executive Session for the purpose of Legal, Real Estate and/or Personnel matters. **Council Member Ward made the motion with a second from Council Member Crenshaw. The motion passed unanimously.**

13. 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.

Mayor Williams asked for a motion to reconvene into regular session. **Council Member Crenshaw made the motion with a second from Council Member Ward. The motion passed unanimously.**

Mayor Williams asked for a motion to adjourn. **Council Member Ward made the motion to adjourn with a second by Council Member Crenshaw. The motion passed unanimously.**

14. Adjournment:

The meeting adjourned at 7:59 pm.



BY THE MAYOR OF THE TOWN OF THUNDERBOLT
A PROCLAMATION
IN RECOGNITION OF “ASIAN/PACIFIC HERITAGE MONTH”

WHEREAS, in 1978, a joint U.S. Congressional Resolution established Asian/Pacific American Heritage Week, and

WHEREAS, the month of May is significant and was selected as Asian American and Pacific Islander Heritage Month, as it commemorates the first immigration by the Japanese in 1843 as well as the completion of the Transcontinental Railroad in 1869 where most of the workers were Chinese immigrants, and

WHEREAS, the Town of Thunderbolt has a growing number of Asian/Pacific American residents that have contributed greatly to our community, as residents, parishes, or small business owners, and

WHEREAS, is working diligently to support all small businesses with innovative programming, cultural awareness, and our residents, and

WHEREAS, The Town of Thunderbolt, acknowledges the past and arduous journey of the Asian Pacific American people and urges its citizens to practice inclusivity through celebrating the contributions of its Asian Pacific American community by honoring their history, people, and culture, and

NOW, THEREFORE, I, Dana Williams, do hereby proclaim May 2023, as **“NATIONAL ASIAN/PACIFIC AMERICAN HERITAGE MONTH”** In appreciation of the achievements in the Asian American community across this nation and its history.

IN WITNESS WHEREOF, I have
hereunto set my hand and caused the
Seal of Thunderbolt to be affixed this **10**
day of May 2023.

Mayor Dana Williams
Town of Thunderbolt

Town of Thunderbolt
April 30, 2023

	Line Item	BUDGET FY 2023	Amendment	Final Admendment	Amended Budget 2023	Actuals Year to Date	YTD %
REVENUES							
Taxes	031	2,283,000	-	-	2,283,000	698,251	31%
Licenses and Permits	032	114,500	-	-	114,500	109,916	96%
Intergovernmental	033	30,000	-	-	30,000	33,063	110%
Charges for Services	034	56,124	-	-	56,124	61,099	109%
Fines & Forfeitures	035	146,750	-	-	146,750	39,121	27%
Miscellaneous	038	191,550	-	-	191,550	124,866	65%
Water/Sewer	400	2,035,000	-	-	2,035,000	676,668	33%
Solidwaste	540	297,000	-	-	297,000	98,998	33%
Other Income	038	500	-	-	500	9,186	1837%
SPLOST	320	-	-	-	-	228,582	100%
Hotel Motel Tax	275	-	-	-	-	4,472	100%
TOTAL REVENUES		5,154,424	-	-	5,154,424	2,084,222	40%
EXPENSES							
Mayor And Council	130	32,775	-	-	32,775	10,935	33%
General Administrative	150	550,446	-	-	550,446	191,890	35%
General Govt Bldgs & Plant	156	95,000	-	-	95,000	18,680	20%
Police	300	778,279	-	-	778,279	258,093	33%
Municipal Court	265	160,503	-	-	160,503	43,076	27%
Fire	350	636,782	-	-	636,782	212,939	33%
Streets	400	389,839	-	-	389,839	74,305	19%
Senior Citizens	550	38,000	-	-	38,000	6,527	17%
Recreation	610	29,500	-	-	29,500	10,919	37%
Thunderbolt Museum	660	3,000	-	-	3,000	180	6%
Zoning Board/Commission	741	7,800	-	-	7,800	2,200	28%
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	599,646	29%
Solidwaste	540	303,845	-	-	303,845	52,600	17%
SPLOST	320	-	-	-	-	4,969	100%
TOTAL EXPENSES		5,414,269	-	-	5,414,269	1,486,959	27%
(DEFICIT) SURPLUS		(259,845)			(259,845)	597,263	

2023 Budget:											
GEN Fund Revenue:		\$	2,821,924	ENT Fund Revenue:		\$	2,332,500	Town Revenue:		\$	5,154,424
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		-				
	Sen Cit		38,000		Expenses		-				
	Rec		29,500								
	Mus		3,000								
P&Z		7,800									
CAP SAV		100,000									
Expenses	Total:	\$	2,821,924	CAP EXP	Expenses		253,000	Total Expense		\$	5,414,269
	Net	\$	-				\$	(253,000)	(Deficit) Surplus		\$

2023 Actuals: (Cash Flow)															
		ACT vs BUD				ACT vs BUD									
GEN Fund Revenue:		\$	1,066,316	\$	(1,755,608)	ENT Fund Revenue:		\$	784,853	\$	(1,547,647)	Town Revenue:		\$	2,084,222
Expenses:	G&A	191,890	(358,556)	Expenses	Water/Sewer	599,646	(1,435,854)	Expenses	Total:	\$	652,246	\$	(1,687,099)		
	M&C	10,935	(21,840)		SolidWaste	52,600	(251,245)								
	Gen Gov	18,680	(76,320)				-								
	Police	258,093	(520,186)												
	Mun Crt.	43,076	(117,427)												
	Fire	212,939	(423,843)												
	Streets	74,305	(315,534)												
	Sen Cit	6,527	(31,473)												
	Rec	10,919	(18,581)												
	Mus	180	(389,659)												
	P&Z	2,200	(35,800)												
Expenses	Total:	\$	829,745	\$	(1,992,179)	Net SPLOST & CAP & HM		\$	228,084	\$	228,084	Total Expense		\$	1,486,959
	Net General	\$	236,571	\$	236,571			\$	597,263	\$	604,108	(Deficit) Surplus		\$	597,263

Town Of Thunderbolt Cash Status: April 2023							
Bank Account	Beginning Balance	YTD Cash IN		YTD Cash OUT		Ending Balance	Net Change
General Fund	\$ 1,842,295	\$ 3,484,212		\$ (4,464,302)		\$ 862,205	\$ (980,090)
Water Sewer Fund	1,268,402	778,791		(503,149)		1,544,044	275,642
Municipal Court	11,015	47,328		(47,192)		11,151	136
MC Cash Bond	25,933	49		-		25,982	49
Money Market Contingency	3,532,710	28,620		(2,500,000)		1,061,330	(2,471,380)
SPLOST Capital Projects	1,473,200	228,582		(4,969)		1,696,812	223,612
Special Projects	-	-		-		-	-
P.D. Asset	5,484	13		-		5,497	13
Speed Camera	24,310	30,087		-		54,397	30,087
	\$ 8,183,348	\$ 4,597,681	\$ -	\$ (7,519,612)	\$ -	\$ 5,261,418	\$ (2,921,930)

Please see the attached schedules for your review and approval. The goal is to have this amendment presented to Council next week for approval.

Each year, the Town should review necessary budget modifications and correct any material modifications at the department level. General administrative, municipal court, police, senior, and recreation each had expenditures in excess of budget at the department subtotal level. The proposed amendment of \$150,934 will correct those issues. *I did not propose an amendment for each line item that had a necessary modification, but only the line items that would correct the overall necessary modifications subtotal by department.*

Additionally, I have included the following data for your reference.

General Fund	
UNAUDITED	2022
Budgeted Revenues	2,612,158
Budgeted Expenditures	2,612,158
Actual Revenues	3,374,546
Actual Expenditures	2,401,327
Proposed Revenue Amendment	150,934
Proposed Expenditure Amendment	150,934



TOWN OF THUNDERBOLT
Application for Home Occupation Permit

[] New Application [] Renewal Application (for 2022 year)

Home Occupation: An occupation customarily carried on within a home for gain or support; involving the sale of only those articles, products, or services produced on the residing in such dwelling unit, using only such equipment as is customarily found in a home and involving no display of articles or products. A home occupation shall include the boarding of not more than two non-transient guests. A beauty parlor operating in a room separate from, but attached to a dwelling unit and using equipment other than that customarily found in a home, shall be defined as a home occupation under the following specific conditions:

- a. Such beauty parlor shall occupy not more than 500 square feet of floor area.
- b. There shall be no more than two employees, both of whom shall reside in the dwelling unit to which the beauty parlor is attached.

1. Name and Type of business to be conducted under this home occupation permit.
Glea Alexis / M2 Alexiss Trucking LLC
2. Address where home occupation will be operated:
2827 Grant Street Thunderbolt, Ga 31404
3. Town of Thunderbolt Classification for address where home occupation is to be permitted.
2827 Grant Street Thunderbolt, Ga 31404
4. Does the applicant live at the above address?
Yes
5. Is the home occupation to be operated entirely within the dwelling in which the applicant lives? yes Is the space used for such home occupation also for household purposes? yes
6. Are the applicant and his/her immediate family the only persons who will engage in the home occupation? yes
7. Do all persons who will work in within the home occupation permit live in the dwelling in which the home occupation will be conducted? yes

List Complete Name of Persons:

Glea Alexis

Print

8. Will there be a sign necessary to advertise the home occupation? No

9. Will there be any outward evidence of such Home Occupation, such as a display of goods, or the accumulation of trash, or the storage of materials, or the loading or unloading of trucks? no
10. List the name/address/contact phone number of property owner if different from applicant. N/A
11. If applicant is different from property owner of record, a statement of consent **MUST** accompany this application (this should be a notarized statement). Is that document provided? _____
12. **Applicant:** Please list name and addresses of the adjoining property owners. The Town of Thunderbolt will contact them to inform them of your application.

The applicant who, being duly sworn, deposes and says that the above statements are true and correct to the best of the applicant's knowledge.

Glea Alexo
 Applicant Signature

4-24-23
 Date

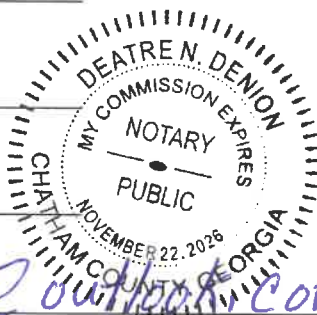
Glea Alexis
 Print Name

912-433-0717
 Phone Number

[Signature]
 Signature of Notary

4/24/2025
 Date

Email: mzailexis4@outlook.com



All APPLICANTS FOR HOME OCCUPATION: The Town of Thunderbolt home occupation permits are for a period not to exceed one year. These applications are approved by Mayor and Council at the December Council Meeting.

FOR TOWN OF THUNDERBOLT USE ONLY		
Application Final Determination:	APPROVED []	DENIED []
If denied state reason:		

Permit Number _____	Permit Paid: _____	Date: ____ / ____ / ____
Initials _____		

Fountains'n'Such
 PO Box 14478
 GA 31416 US
 912-232-1918
 celenae10@aol.com
 www.fountainsnsuch.com

Estimate



ADDRESS
Town of Thunderbolt 2821 River Drive Thunderbolt, GA 31404

SHIP TO
Town of Thunderbolt Town of Thunderbolt 2821 River Drive Thunderbolt, GA 31404

ESTIMATE #	DATE	
4097	04/06/2023	

DATE	SERVICE	DESCRIPTION	QTY	RATE	AMOUNT
	FNS-Contract	<p>Contract to remove old fountain pool, install new slab, build new fountain walls to match old footprint with block and concrete. Install new brick veneer and brick cap, install new pool interior to seal with Florida Stucco Aggregate Pool Finish in Blue Gem.</p> <p>NOTE: The brick and cap included in this estimate are mid-range in price. If higher end materials are selected, the price will be adjusted accordingly.</p>	1	17,830.00	17,830.00

SUBTOTAL	17,830.00
TAX	0.00
TOTAL	\$17,830.00

Accepted By

Accepted Date

ARTICLE V. - TREES

Sec. 5-329. - [Master plan governing tree maintenance, planting, and removal.]

This chapter, along with the Thunderbolt Urban Forest Five-Year Plan and a Standards and Specifications document that outlines requirements for tree care and management, constitute the town's master plan governing tree maintenance, planting, and removal except as set forth in section 5-329. (Adopted 1/09/2013)

- A. *Purpose* . It is the intention of this chapter to promote the preservation of trees on residential, commercial, and waterfront property and to protect the public health, safety, and general welfare by providing regulations for the planting, maintenance, and removal of trees within the Town of Thunderbolt.

Trees are an integral part of our community and the ecological systems in which the community exists. They provide significant economic, social and ecological benefits. They are as necessary as water, roads, and energy to sustaining healthy communities.

The collection of trees on both public and private properties in a community is called an urban forest. In the urban forest, a single tree may be as important as a patch of forest remnant. To avoid losing this valuable resource, we must set into place, laws to preserve existing trees while we plant and maintain new ones to sustain the urban forest system.

- B. *Applicability* .

1. *Public property*. The Town of Thunderbolt has full power and authority over all trees, plants, and shrubs located within street rights-of-way, parks and public places of the town. No person shall plant, remove, cut above the ground or disturb any tree on any street, park, or public right-of-way without first filing an application and procuring a permit from the town. The person receiving this permit shall abide by the standards set forth in this chapter.
2. *Private property*. The Town of Thunderbolt has full power and authority over all trees located on private property that constitute a hazard or a nuisance; and to any tree deemed to be a specimen tree whether on public or private property as described herein. The definition of specimen tree shall be the same as set forth in chapter 5, section 5-329.1D(1) of the town's ordinances. The Town of Thunderbolt has the authority to enter onto private property wherein there is located a tree that is suspected to be a public nuisance or hazard and to order its removal, if necessary. A nuisance or hazard is defined as any tree with an infectious disease, or insect problem or is dead or dying.

- C. *Responsibility and authority*. There is hereby created and established a Town of Thunderbolt Tree Commission which shall consist of six members—five residents and one supervisory-level/or elected official—appointed by the mayor with the approval of the town council. Members of the board shall serve without compensation. The terms of tree commission appointees shall be three years, except that the terms of two of the members appointed to the first commission shall be for only one year and the terms of two members of the first commission shall be two years. In the event that a vacancy shall occur during the term of any member, his or her successor shall be appointed for the unexpired portion of the term.

It shall be the responsibility of this commission to promulgate the urban forest five-year plan rules, regulations, standards and specifications, for the care, conservation, pruning, planting, replanting, removal or disposition of trees and shrubs in parks, along streets and in other public areas. Such rules, regulations, standards and specifications shall be presented to the mayor and council for approval and adoption and upon adoption shall be considered a part of this chapter.

- D. *Tree protection*. A tree inventory on public property will be conducted under the supervision of the Thunderbolt Tree Commission. The purpose will be to identify all trees on public lands and to protect trees of historic value or unusual qualities (called specimen trees). In addition to specimen trees as

defined in chapter V, section 5-329, a tree may qualify as a specimen tree if it is associated with a historic event or person, or is part of a scenic enhancement.

- E. **Permits**. Permits are required for all tree removal on public property. This will assure that no entity may damage, prune, or remove a tree from public property in the Town of Thunderbolt, without the written permission of a town designee. Residents are not charged for tree removal permits which may be obtained from the Thunderbolt town offices. Permits are also required for removal or trimming of specimen trees or trees that constitute a nuisance or hazard on private property.

No person except employees of the Town of Thunderbolt or a contractor hired by the town may trim or remove trees protected by this chapter without first obtaining a permit from the town.

- F. **Licensing**. It shall be unlawful for any contractor to engage, without a permit, in the (1) planting, cutting, trimming, pruning, removing, spraying, or otherwise treating trees, plants or shrubs within the Town of Thunderbolt's parks or rights-of-way or (2) cutting, trimming, or removing specimen trees or trees constituting a hazard or nuisance on private property.
- G. **Insurance**. Before any permits shall be issued, each applicant shall first file evidence of possession of worker compensation and liability insurance in the minimum amounts of \$1,000,000.00 for bodily injury or death and \$100,000.00 property damage indemnifying the town or any person injured or damaged resulting from the pursuit of such endeavor as herein described.
- H. **Enforcement**. The Town of Thunderbolt Code Enforcement Officer or other officer of the town as designated by the town administrator or the mayor and council shall have the power to enforce rules, regulations and terms of this chapter.
- I. **Penalties**. Any person who violates any provision of this chapter or who fails to comply with any notice issued pursuant to provisions of the ordinance, upon being found guilty of violation, shall be subject to a fine not to exceed \$500.00 for each offense. Each day during which any violation of the provisions of this chapter shall occur or continue shall be a separate offense. If, as a result of the violation of any provision of this chapter, the injury, mutilation, or death of a tree, shrub, or other plant located on town-owned property is caused, the cost of repair or replacement, or the appraised dollar value of such tree, shrub, or other plant, shall be borne by the party in violation. The value of trees and shrubs shall be determined in accordance with the latest revision of "A Guide to the Professional Evaluation of Landscape Trees, Specimen Shrubs, and Evergreens" as published by the International Society of Arboriculture. All funds collected for violation of the Thunderbolt tree ordinance will be designated solely for the planting of additional trees or shrubs.
- J. **Miscellaneous**. If any section, clause, sentence, or phrase of this chapter is held to be invalid or unconstitutional by any court of competent jurisdiction, then said holding shall in no way effect the validity of the remaining portions of this chapter.

Note: For the "Standards and Specifications and 5-Year Plan," see the appendix to town ordinances or clerk of council.

([Ord. of 9-7-2016](#))

Sec. 5-329.1. - Tree protection.

It is the intention of this chapter to promote the preservation of trees as part of the land development and construction process and to promote the preservation of trees on residential, commercial, and waterfront properties.

Trees are recognized for their historical importance as well as in shading, cooling, noise and wind reduction, soil erosion prevention, oxygen production, dust filtration, carbon dioxide absorption, and aesthetic and economic enhancement of all real property. Their contribution to the general well-being and quality of life for the citizens of Thunderbolt is recognized and valued.

Therefore, the town deems it necessary and in the interest of public health, safety, and welfare to enact and enforce an ordinance for the preservation of trees and to prevent the indiscriminate removal of trees and reduction of canopy cover within the town.

A. *Purpose* .

- (1) Provide standards for the preservation of trees as part of the land development process;
- (2) Prevent massive grading of land, both developed and undeveloped, without provision for replacement of trees; and
- (3) Protect trees during construction whenever possible in order to enhance the quality of life within the Town of Thunderbolt.

B. *Applicability* .

- (1) The terms and provisions of the tree protection ordinance and these standards shall apply to any activity, which requires the issuance of a development permit. No development permit or grading permit shall be issued until it is determined that the proposed development is in conformance with the provisions of this chapter.
- (2) No person shall remove, cause to be removed, poison, damage, trim or transplant any tree with a trunk diameter of six inches or more at breast height without first obtaining a permit, as herein provided.

C. *Exemptions upon review*.

- (1) The following shall be exempt from the provisions of this chapter:
 - (a) The removal of trees, other than specimen trees, from an owner occupied, single-family or duplex lot.
 - (b) The necessary removal of trees by a utility company within dedicated utility easements.
 - (c) The removal of trees on public rights-of-way conducted by, on behalf of, or for any activity to be dedicated to a federal, state, county, municipal or other government agency in pursuit of its lawful activities or functions in the construction or improvement of public rights-of-way.
 - (d) The removal of trees, other than specimen trees, from detention ponds and drainage easements.
 - (e) The removal of any tree, which has become or threatens to become a danger to human life or property.
 - (f) The removal of trees, other than specimen trees, from recreation areas such as playgrounds, ball fields, etc.
- (2) Notwithstanding the foregoing, all reasonable efforts shall be made to save specimen trees.

D. *General criteria for the determination of specimen trees or stands of trees*.

- (1) *Specimen tree*.
 - (a) Any tree in fair or better condition, which equals or exceeds the following diameter sizes:
 - i. 36" dbh (three feet diameter breast height)—Large hardwoods such as oaks, hickories, yellow poplars, sweet gums, etc.
 - ii. 30" dbh—Large softwoods such as pines, deodar cedars, etc.
 - iii. 4" dbh—Small trees such as dogwoods, redbuds, sourwoods, etc.
 - (b) A tree in fair or better condition must meet the following minimum standards:
 - i. A life expectancy of greater than 15 years.
 - ii. A structurally sound trunk.

- (c) A lesser-sized tree can be considered a specimen tree if it is a rare or unusual species, of exceptional or unique quality, or of historical significance.
- (d) A lesser size tree can be considered a specimen tree if it is specifically used by a builder, developer, or design professional as a focal point in a landscape project.
- (2) *Specimen tree stands*. A contiguous grouping of trees, which has been determined to be of high value. Determination is based upon the following criteria:
 - a. A relatively mature, even-aged stand.
 - b. A stand with purity of species composition or of a rare or unusual nature.
 - c. A stand of historical significance.
 - d. A stand with exceptional aesthetic quality.
- (3) *Critical root zone (CRZ)* . The area beneath a tree which must be left undisturbed in order to preserve a sufficient root mass to give a tree a reasonable chance of survival. The CRZ will typically be represented by a concentric circle centering on the tree's trunk with a radius equal in feet to one and one-half times the number of inches of the trunk diameter. Example: The CRZ radius of a 20-inch diameter tree is 30 feet.

E. *Removal of trees—Conditions and exceptions.*

- (1) Tree removal shall be disallowed in the following circumstances:
 - (a) Soil erosion or runoff problems will result due to topography, soil type, or proximity to flood plain or river protection areas; and the removal will substantially alter the existing soils adversely with regard to runoff and erosion. Information submitted by the town's public works staff member or other town environmental staff may be used in this evaluation.
 - (b) Specimen trees are located on site and cannot be adequately protected or replaced. Additionally, removal may be disallowed if reasonable accommodations can be made to alter the proposed project to save specimen trees and have not been made.
 - 1. When removal of a specimen tree cannot be avoided, newly planted (two-inch or greater) or additional preserved trees (of a similar type, i.e., hardwood, softwood, small tree) not meeting the size requirement for specimen trees shall be provided in an amount that equals the total inches of removed specimen trees.

(Example: A 36" and a 40" hardwood is proposed for removal. 76" total inches of planted or additional preservation of non-specimen trees shall be required. This could be accomplished by either planting 76" worth of two-inch or greater similar type trees, by preserving 76" of trees of a similar type that are not considered specimen due to being under the size requirement, or a combination of planting and additional tree preservation.)
 - (c) *Property degradation*. The removal will have a significant adverse effect on property values of any adjoining property.
 - (d) **Pruning** . Any substantial amount of pruning which results in unsightly appearance or predisposing the tree to pathogens, reducing the health and vigor of the tree.
- (2) *Exceptions* . Tree removal from a site may be allowed if:
 - (a) The tree is located in an area where a structure or improvement will be placed and the tree cannot be relocated on the site because of age, type or size of tree.
 - (b) The tree is diseased or structurally unsound.
 - (c) The tree is injured and/or poses an imminent danger.
 - (d) **The tree interferes with existing utility service.**
 - (e) The tree creates an unsafe vision clearance for vehicular movement.

- (3) Trees must be relocated or replaced on site in accordance with the provisions of the Thunderbolt zoning ordinance. Prior to approval of the tree protection plan, the arborist shall require relocation or replacement of each tree being moved or removed on the site to be supplemented with additional trees to establish within the tree protection zone a minimum of one tree per 500 square feet of minimum required open space.
 - (4) *Existing trees.* Any existing trees of not less than two inches dbh left in good growing condition on the property shall be counted toward the minimum number required. All replacement trees will be maintained properly to ensure their survivability.
 - (5) *Debris removed.* All debris from trees cut or substantially damaged shall be removed from the site in a timely fashion, including the removal of any portion of the tree stump above the original natural grade or elevation of land, unless accepted by the arborist for a specific reason such as, but not limited to, unusually large size or age.
 - (6) It is required that all reasonable efforts be made to save specimen trees. Reasonable effort shall include, but not be limited to, alteration of building design; alternate location of building, parking area, water retention drainage pipes; or relocation of utilities.
- F. *Breach of ordinance.* Any person(s) who violate any provision of this chapter or who fails to comply with any notice issued may be subject to legal prosecution resulting in a maximum fine of:
- \$200.00 First offense.
 - \$300.00 Second offense.
 - \$500.00 Third offense.

Each day during which any violation of the provision of this chapter shall occur or continue shall be a separate offence and will be tried accordingly.

This chapter, like any ordinance adopted by the Town of Thunderbolt, shall be enforced by the local law enforcement agency, Thunderbolt Police Department. (Council, 10/17/2000)

[\(Ord. of 9-7-2016\)](#)

Storm Water Capture: Monetary Equivalences

1. Assumptions:
 - 0.625 Gallons/sq.ft of roof/inch of rain
 - 48 inches rain/year average for Savannah
(<http://www.worldclimate.com/climate/us/georgia/savannah>)
 - -->30 gallons/sq.ft.of roof/year
 - Tier 4 water: \$100 + \$2.86/gallon
 - Tier 2 sewer: \$60 + \$7.39/gallon
2. Town Hall Roof
 - 42' x 42' = 1764 sq.ft. (flat roof) x 30 gallons/sq.ft/year
 - 52,920 gallons/year
 - Tier 2 water use: \$1200 + \$152,938.80 = **\$154,138** value of rain water collected per year
 - Additional water can be captured from the condensate from the A/C units. Water comes down the gutters
 - ***Could be used for average house estimate. Usage may be in a different tier.***
3. Boat Shed Roof:
 - 80' x 125' = 10,000 sq.ft.(flat roof)
 - 300,000 gallons/year
 - Water use (Tier 4) = \$1200 + \$858,000 = **\$859,200** is value of rain water collected per year
 - Sewer use (Tier 2) = \$720 + \$2,217,000 = **\$2,217,000** value of sewer use per year
4. Expenses:
 - Cistern to hold water: [\\$5000 for 5000 Gallon](#)
 - Pump: [\\$1,000](#)
 - Miscellaneous:
 - Pipes from cistern to where water used
 - Fittings at ends of pipes for hoses or other connectors

Commercial Rainwater Collection: [Information](#)

INTER OFFICE CORRESPONDENCE

TO: Town Administrator, Robert Milie

FROM: Chief Sean Clayton

DATE: May 2, 2023

SUBJECT: Monthly Report for April 2023

POLICE DEPARTMENT:

There were a couple of incidents where officers were dispatched to what the complainant described as gun shots. On the first incident, the officer was able to confirm that it was fireworks and found the persons who were involved. The second time officers responded, they canvassed the area, and did not find any shell casings, nor did they find and type of property damage or anyone injured. I encourage everyone to call 9-1-1 if you hear something or see something suspicious and remember you can tell the dispatcher that you want to remain anonymous. If you do want to speak to the police, give your number to the dispatcher and the officer can call you rather than going to your residence.

We had a motorcycle stolen out of River Crossing Apartments and officers began checking the area when they located a person pushing the stolen motorcycle. When officers tried to make contact with the person, he put the motorcycle on it's kickstand, and began running from officers. After a brief foot chase into Savannah's jurisdiction, the suspect was appended without incident, arrested and charged.

I am currently looking at getting our court setup so that we no longer have to transport arrestees to and from court anymore. This can all be done via video at little to no cost and will significantly reduce the risks of an officer being involved in a motor vehicle crash with the arrestee. I will also eliminate the risk of an arrestee trying to escape, and it will eliminate disorderly inmates who have become angry and disrupted court. It also saves the costs of meals for them, and keeps all of the officers here inside the town.

DEPARTMENT MONTHLY ACTIVITY REPORT

INCIDENT REPORTS	32
ACCIDENT REPORTS	10
MISC. REPORTS	6
DOMESTIC VIOLENCE CASES	2
D.U.I. ARRESTS	1
PERSONS ARRESTED	7
TRAFFIC CITATIONS	82
WRITTEN WARNINGS	49
ANIMAL COMPLAINTS	0

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
Sexual Assault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0
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	0	0	0	0	0	1	0	0	0	0	0	4	2
Simple Assault	0	0	2	0	0	0	1	0	2	0	2	0	2	0	1	0	0	0	0	0	0	0	1	0	11	0
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	0	4	0	6	0	1	0	4	0	0	0	4	0	4	0	45	17
Auto Theft	0	0	0	0	0	0	0	1	1	0	1	0	3	0	0	0	0	0	0	0	0	0	1	0	6	1
	3	5	4	1	3	12	10	2	14	0	7	0	16	0	4	0	7	0	1	0	4	0	6	0	79	20

MUNICIPAL COURT

The fees and fines the Court collected for the month of April were \$11,349.00



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

April 2023 Report

Prepared by:

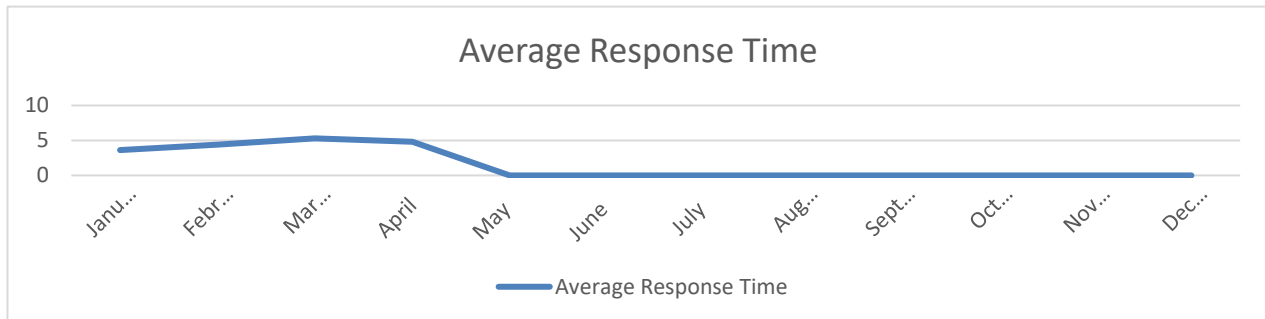
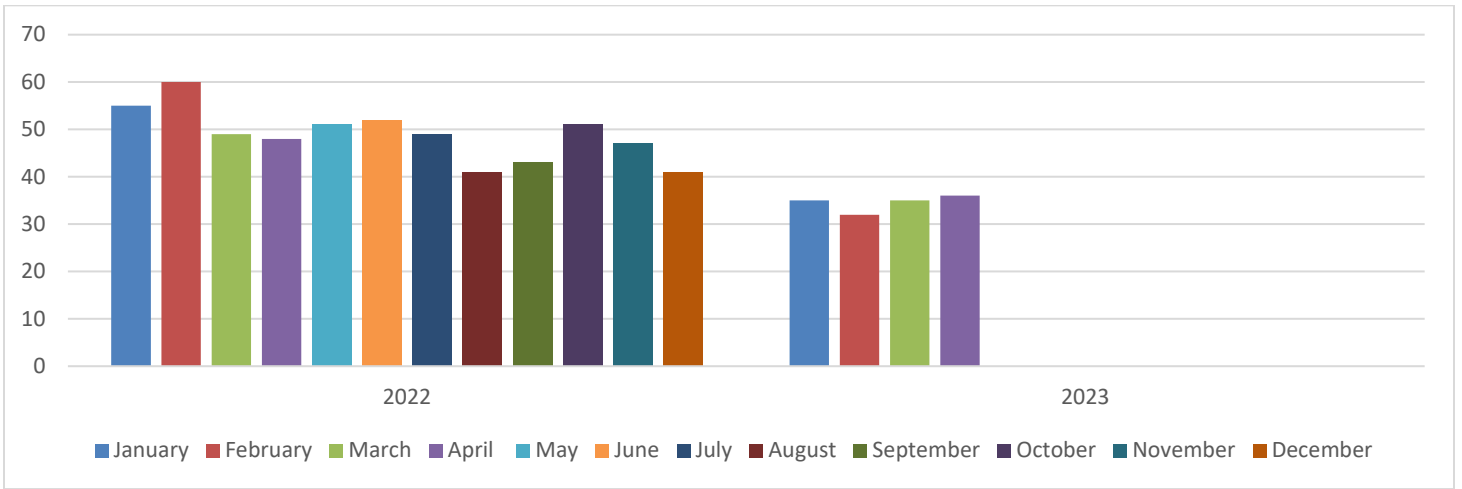
Andrew Bateman

Chief of Thunderbolt Fire Department

Thunderbolt Fire Incident Breakdown

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	YTD
Fire Response	11	10	11	7									39
EMS Response	24	22	24	29									99
Grand Total	35	32	35	36	0	0	0	0	0	0	0	0	138

Call Comparison Between 2022 & 2023



Department News

Highlighted Projects:

- Gary Sinise Grant – Still Waiting on Outcome of Grant
- Fireworks Grant – Portable Radio Grant denied.
- Ceiling Tiles Completely replaced in all rooms of Station.
- Worked with Admin Staff and Fire staff for Fire Coverage of Filming productions.
- Continued to water new plants on Town Properties.
- Completed regular Building and Grounds Maintenance at Station.
- Hosted a location for a Field Trip from a local school for Fire Safety Education and Station Tour (20 Students and 5 Teachers).
- Several Citizens stop by in the month of April for a Station Tour.

Chief Report:

- Continue to attend meetings to work on new CAD (Computer-Aided Dispatch) System.
- Worked with Admin Staff and FD Staff to attend and assist with Easter Egg Hunt.
- Worked with Admin Staff and FD Staff to assist with Earth Day.
- Worked with Admin Staff and FD Staff to ensure we were prepared for The Blessing of the Fleet. Assisted with set up and clean up. Successful Event for the Town.
- Senior Center
 - Conducted Fire Alarm Testing and Inspection at Senior Center
 - Working with DPW Staff and FD Staff to correct Life Safety Concerns noted by Fire Marshal.
- Safe Kids
 - Meet with Jenna Morris in regards to Town of Thunderbolt Partnering with them to assist with Life Jackets and other aspects of their program.
 - Invited to the Blessing of the Fleet where they were able to share their program information.
- Attended several other Meetings with Admin Staff and Department Heads.

Thunderbolt Fire Department **Training April**

Online Training: **19 Hours**
Company Training: **3.66 Hours**
Outside Training: **0 Hour**

YTD 2023 Hours: 174.91 Hours



MONTHLY STATUS REPORT

FOR

PUBLIC WORKS

FOR THE

TOWN OF THUNDERBOLT

APRIL 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: **Nellie Johnson Park**

Sample Type: **Routine**

Lab Sample No.: **118575**

Collected by Oscar Crosby

Sample Collected: 4/27/2023 10:15

Lab Received: 4/27/2023 11:27

Chlorine Residual: **1.60**

Analyte	Method	Start Date /Time	End Date/Time
Coliform TCR	9223B	4/27/2023 11:30	4/28/2023 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: 4/28/2023

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: **2610 Dogwood**

Sample Type: **Routine**

Lab Sample No.: **118576**

Collected by Oscar Crosby

Sample Collected: 4/27/2023 09:45

Lab Received: 4/27/2023 11:27

Chlorine Residual: **1.80**

Analyte	Method	Start Date /Time	End Date/Time
Coliform TCR	9223B	4/27/2023 11:30	4/28/2023 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: 4/28/2023

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: **3213 Pierce**

Sample Type: *Routine*

Lab Sample No.: **118577**

Collected by Oscar Crosby

Sample Collected: 4/27/2023 10:55

Lab Received: 4/27/2023 11:27

Chlorine Residual: **0.80**

Analyte	Method	Start Date /Time	End Date/Time
Coliform TCR	9223B	4/27/2023 11:30	4/28/2023 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: 4/28/2023

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) April

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	265,326	265,326		1.16		7.8	
2	261,565	261,565		1.02		7.8	
3	252,247	252,247		1.18		7.8	
4	274,653	274,653		1.32		7.8	
5	271,123	271,123		1.69		7.8	
6	303,878	303,878		0.96		7.8	
7	263,775	263,775		1.03		7.8	
8	262,955	262,955		1.26		7.8	
9	236,515	236,515		1.03		7.8	
10	256,649	256,649		1.11		7.8	
11	269,145	269,145		1.66		7.9	
12	295,517	295,517		1.87		7.9	
13	219,875	219,875		1.87		7.9	
14	249,723	249,723		1.64		7.8	
15	239,551	239,551		1.87		7.8	
16	258,415	258,415		1.21		7.8	
17	342,050	342,050		1.39		7.8	
18	162,406	162,406		1.43		7.8	
19	259,552	259,552		1.62		7.9	
20	271,125	271,125		0.82		7.9	
21	250,535	250,535		1.11		7.9	
22	237,154	237,154		1.21		7.9	
23	260,403	260,403		1.25		7.9	
24	256,210	256,210		1.65		7.9	
25	247,464	247,464		1.39		7.9	
26	235,088	235,088		1.57		7.9	
27	258,154	258,154		1.44		7.9	
28	205,039	205,039		1.01		7.9	
29	275,661	275,661		1.31		7.9	
30	259,308	259,308		0.97		7.9	
31							
Total	7,701,061	7,701,061	0	40.05	0	235.50	
Days	30	30	0	30	0	30	
Avg.	256,702	256,702	0.00	1.34	0.00	7.85	
Max.	342,050	342,050	0	1.87	0	7.9	
Min.	162,406	162,406	0	0.82	0	7.8	

*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) April

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							
Total	0	0	0	0.00	0	0.00	
Days	30	30	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:  **Title:** Public Works Manager

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



Thunderbolt Meter

Public Works	1,300 gals.
Fire Department	7,300 gals.
Senior Citizens	8,060 gals.
Town Hall	14,900 gals.
Thompson Park	21,930 gals.
Honey Park	130 gals.
Nellie Johnson Park	320 gals.
Cesoroni Ball Field	120 gals.
Downing St. Lift Station	
Gross Pumped	Pending
Savannah Water Usage	1,103,236 gals.
Line Flushing	0 gals.

Chlorides: Well #3 10 ppm Well #4 80 ppm



Comprehensive Work Order Report

Description	January	February	March	April	May	June	July	August	September	October	November	December	YTD
Water													
Cut-on	34	26	42	45									147
Cut-off	32	28	36	39									135
Red-tagged residences	0	0	0	0									0
Complaints- quality	0	0	0	0									0
Complaints- LWP	4	0	0	1									5
Meters read	1094	1096	1102	1118									4410
Meters re-read	17	8	5	7									37
Meters/Boxes replaced	1	0	4	2									7
New meters installed	0	0	1	0									1
Data Logs	4	7	1	7									19
Lines repaired/leaks	3	4	2	1									10
Hydrant flushed	0	0	0	0									0
Wastewater													
Complaints	0	0	0	1									1
Repairs- managed	0	1	0	0									1
Repairs- enacted	0	0	0	0									0
Spills	0	0	0	0									0
Back-ups	0	0	0	0									0
LS call-outs	0	0	0	0									0
Sanitation													
Garbage Tons collected													0
RECY Tons collected													0
Dry Trash Emptied													0
Complaints	2	1	1	0									4
Cans replaced/repared	0	0	0	0									0
General Maintenance													
Facilities/Parks repairs	20	13	14	15									48
Road repairs	5	12	5	6									28
Signs repaired/installed	5	3	1	4									13
Stormwater													
Tide Gates/Outfalls	0	0	0	0									0
Canals/Ditches	0	3	2	0									5
Structures	0	0	0	0									0
Repairs	0	0	0	0									0
Maintenance	0	2	0	0									2
Inspections	0	43	58	0									101

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To Be on May Agenda

- Dr. Drohan Topic - Tree Commission & Stormwater
- SPLOST Budget and Resolution
- Asset Revenue Budget & Resolution
- Budget Amendments FY 2022
- Proclamation for Asian Pacific American Heritage Month
- Fountain Repair Estimate - sole sourced as only one of two to respond and only one to truly repair - discussion agenda
- FD Report
- PD Report
- DPW Report
- Admin. Report
- Finance Report

Around Town

- Re-paving – Rowland and Tuberson are forthcoming hopefully first part of 2023 – delay currently out to re-bid – going this route allowed us to get two roads re-paved for approximately - \$7,000 more than the estimate to do one road at the non-county rate
- Discussion for town wide road evaluation/ assessment
 - Will help with 2,5,10 plan
 - Contact: IMS Daniel Write – Re-evaluating the desire to go out to bid or go in with another municipality to obtain the same price as county on road rating
 - Second phase of evaluation of cost effectiveness of attaching to the County Contract for pricing prior to moving toward an RFP
- Honey Park Beautification
 - Entering Phase 4 of Design for computer aided graphics
- Thomson Park Beautification
 - Need quote from GA power to bury power line
 - Quote received - want to ensure the best location to be buried
 - Working on getting three bids for Fountain repair
 - Fountain's & Such
 - Only two vendors that handle the work, we are awaiting the second company's recommend course of action and estimate –

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second company only gave a recoating estimate with no guarantee for approximately \$5,000 – recommendation is to do it properly

- Well: Bob Myrick (Myrick Marine)
- Upper Deck Repair - ongoing in house repair
- Under Upper Deck Fence
- [Safe & Tidy](#) Update
- Phone system modification underway at Town buildings – upgrade system and one vendor for faster speed – enhanced service and at a lower cost – some hiccups will occur regarding transfers and routing temporarily while the system is placed in service

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)
 - First Workshop begins late April to be completed by beginning of October
 - 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 (**Submitted**)
 - 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)
- Sidewalk Grant (NOFO to open late April 2023)
- FD Submitted for 2 grants Radios
- PD submitted for one grant – Radios

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- Entering Second phase of Senator Warnock community grant – awaiting word if it is going to be moved as fully or partially funded – if secured via the senate – it will move to a resolution to Congress
- Blessing of the Fleet Success – more comprehensive report and videos for next council
- Egg Hunt – more comprehensive report and videos for next council
- Arbor / Earth Day – more comprehensive report and videos for next council
- Safe-Kids life Jackets – donations for boaters – Town Hall & FD – small grant money for clean up around the boat ramp
- Budget Amendments FY22 – Budgets for Asset & SPLOST
- T-SPLOST will be on the ballot this fall
- Glass Recycling is going – will address the area and enhance visibility

Town Departments

- Finance
- TA
 - Tax Commissioner Update
- Police
- Fire
- Public Works
 - Shell Road Valve Update