



Committee Work Session & Called Council Meeting

AGENDA

Tuesday, September 07, 2021

6:00 PM

City Hall

I. CALL TO ORDER

1. Roll Call
2. City Administrator Update
- 3. Central Services Update**

II. COMMITTEE INFORMATION

1. Finance
 - [a.](#) Monthly Finance Report
 - [b.](#) Approval - 2022 Personal Health Assessment and Wellness Credits Tiered Program
2. Airport
 - [a.](#) Monthly Airport Report
3. Public Works
 - [a.](#) Monthly Solid Waste Report
 - [b.](#) Discussion / Approval - Emergency Purchase Automated Side Loader Truck
 - [c.](#) Monthly Streets & Transportation Report
4. Utilities
 - [a.](#) Monthly Electric & Telecom Report

- [b.](#) Monthly Water, Sewer, & Gas Report
- [c.](#) 2022 CDBG Grant Administration Services Selection
- [d.](#) 2022 CDBG Engineering Services Selection

5. Public Safety

- [a.](#) Monthly Fire Report
- [b.](#) Monthly Police Report
- [c.](#) Approval - Out of State Travel for Police

6. Planning & Code

- [a.](#) Monthly Code Report

7. Economic Development

- [a.](#) Monthly Economic Development Report

8. Parks

- [a.](#) Monthly Parks Report
- [b.](#) Mathews Park Pavilion Bid Award

III. ITEMS OF DISCUSSION

1. Public Hearing - Purchase Sale Agreement for Liberty First Bank Property at 830 Highway 138
- [2.](#) Public Hearing - Zoning Ordinance Code Text Amendment #11
- [3.](#) Preliminary Plat Review - 319 South Madison Avenue
- [4.](#) Approval - Chamber of Commerce Contract
- [5.](#) Appointment - Housing Authority
- [6.](#) Professional Services Selection for Monroe Historic Survey Update
- [7.](#) 1st Reading - Zoning Ordinance Code Text Amendment #11
- [8.](#) Resolution - Adoption of Walton County Hazard Mitigation Plan Update 2020-2025
- [9.](#) Resolution - ARPA Funding
- [10.](#) Resolution - Georgia Cities Week, October 3 - 9, 2021
- [11.](#) Resolution - Local Government Lighting Project Agreement
- [12.](#) Resolution - GEFA Drinking Water State Revolving Fund Loan Application

[13.](#) Mayor's Letter of Acknowledgement Regarding Moore's Ford

IV. **MAYOR'S UPDATE**

V. **ADJOURN TO EXECUTIVE SESSION**

1. Real Estate Issue (s)

VI. **ADJOURN**

CENTRAL SERVICES

MONTHLY REPORT SEPTEMBER 2021

	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2020 August	2020 September	2020 October	2020 November	2020 December	Monthly Average	Yearly Totals
SAFETY PROGRAMS															
Facility Inspections	5	3	11	4	3	7	4	6	9	4	5	3	5	5.3	69
Vehicle Inspections	0	0	4	5	6	3	6	5	0	5	0	4	5	3.3	43
Equipment Inspections	3	0	4	3	2	0	2	5	0	0	0	0	2	1.6	21
Worksite Inspections	3	6	1	1	2	4	8	2	7	6	4	3	6	4.1	53
Employee Safety Classes	5	5	4	2	1	4	0	2	0	2	0	3	2	2.3	30
PURCHASING															
P-Card Transactions	377	397	495	431	446	591	484	404	416	430	448	344	367	433.1	5,630
Purchase Orders	120	86	110	84	113	97	81	67	92	77	80	47	75	86.8	1,129
Total Purchases	497	483	605	515	559	688	565	471	508	507	528	391	442	519.9	6,759
Sealed Bids/Proposals	1	2	5	4	1	1	5	1	1	0	1	3	2	2.1	27
INFORMATION TECHNOLOGY															
Workorder Tickets	75	125	157	94	89	119	98	114	89	96	99	103	97	104.2	1,355
Phishing Fail Percentage	2.0%	2.0%	2.0%	4.0%	2.8%	3.6%	2.0%	4.0%	1.4%	1.8%	1.8%	2.8%	2.4%	2.5%	
MARKETING															
Newsletters Distributed	0	0	1	0	0	1	0	0	1	0	0	0	1	0.3	4
Social Media Updates	12	8	11	22	19	14	11	8	7	11	14	7	10	11.8	154
GROUNDS & FACILITIES															
Contractor Acres Mowed	115.3	115.3	115.3	122.9	130.5	130.5	130.5	163.8	156.3	166.0	166.0	166.0	115.3	138.0	1,793.6
Trash Collection	3,360.0	3,060.0	5,730.0	3,220.0	5,850.0	5,790.0	3,040.0	3,560.0	2,980.0	3,480.0	2,810.0	2,880.0	3,340.0	3,776.9	49,100.0
Crew Acres Mowed	30.7	15.3	15.3	62.1	73.4	87.4	87.4	87.4	77.3	77.3	77.3	47.3	30.7	59.1	768.6

CENTRAL SERVICES PROJECTS & UPDATES – SEPTEMBER 2021

FACILITIES & GROUNDS MAINTENANCE

Currently the City maintains all rights-of-way, facilities, and parks with a combination of City staff and contractor labor. This has allowed for the most efficient approach to maintaining all areas in a timely manner. During the month of August, the grounds and parks crews collected 3,560 pounds of trash and debris while also maintaining approximately 87.4 acres of rights-of-way and grounds at facilities and parks. Contractor labor was able to maintain an additional 163.8 acres of rights-of-way and grounds at facilities and parks.

CDBG 2020 STORMWATER TIMELINE

Currently, permanent easements are being situated by staff and attorneys, with temporary easements to follow. A pre-construction meeting is scheduled for mid-September to then schedule construction dates based on completed easements. Once construction schedules are situated and locations are known for the start of the project, social media updates will be provided throughout the project for notification to the public. Staff will begin working on the 2022 CDBG application with consultants and engineers to determine the location of the next project, pending approval of the selection choices in September by Council.



CIP STORMWATER UPDATES

Staff is currently in the process of working through several Stormwater projects in the Capital Budget for 2021 that include several major repairs to the system. We are currently waiting on delayed survey schedules, to then be followed by additional easements for the construction aspects of the projects.

PARKING LOT PAVING / STRIPING

City Hall, On Stage Walton, and Pilot Park all received new striping of the lots by Joiner Professional Services. There will be other identified lots around Monroe that are public facilities that will receive new striping this year. The library will also hopefully see new pavement in the

fall followed by striping. The library will need patching in the front, curbing fixes, and then paving while the back may just require a topcoat for longevity.

PLAZA PHASE II PROJECT UPDATE

Pre-construction meetings were held on August 27th to begin work on the roof of the remaining buildings at the Plaza Shopping Center. This phase will match the exterior of the new Police Department and Municipal Court building in appearance. Once this portion of the project is complete, the exterior will be completed and interior of the structures will then be examined further for repair, as will all utilities on site.

COMMUNITY CLEANUP EVENT

A second community cleanup event is currently scheduled for December 4th, 2021. This date will coincide with the end of the Bicentennial activities the week prior and should be a great way to start our Christmas season and get things moving in a clean direction for the next 100 years. There will be other coordinated cleanup events around parts of town during the remaining summer and fall months as well by citizen volunteer groups. This type of activity will hopefully continue to grow throughout the city as we keep it clean and beautiful. Notifications and event reminders will be posted on social media in the weeks to come.



PROJECT TIMELINE UPDATE

Over the course of the past few months, efforts have taken place to build a timeline of projects currently ongoing by the City of Monroe. The attached timeline provides projects from Central Services, Fire, Police, Water, Sewer, Gas, Stormwater, Streets, Solid Waste, and Parks...all with updates for current activity. The timelines present planned and actual budgets, expenses, companies of performance, status updates, dates of material order, bidding, key milestones, and most importantly...start dates and estimated timelines for completion. This will be updated on a monthly basis to reflect changes and status updates for more continuity throughout the city, as well as track productivity and management of processes.

PROJECT NAME	CODE	PROJECT BUDGET	CURRENT BUDGET	EXPENSE TO DATE	PERFORMED BY	PROJECT STATUS	FEET	MATERIAL ORDER DATE	MATERIAL LEADTIME	SEAL BID (YES/NO)	ESTIMATED START DATE	ESTIMATED TIMELINE	KEY MILESTONES OF PROJECT
		\$ 37,940,898.96	\$ 35,962,310.81	\$ 15,005,427.47									
Airport Paving	19-002 21-007	\$ 1,453,975.00	\$ 965,842.06	\$ 886,313.13	Atlanta Paving & Concrete Construction	Reimbursement	5,000'	N/A	N/A	Yes	04/05/21	60 days	Pre-Construction 3/15, Construction Start 4/5, Runway Closure 28 days, Sporadic Closure 28 days
Park Sunshades	21-002	\$ 25,000.00	\$ 25,000.00	\$ 17,607.00	PlaySouth Playground Creators	Complete		01/04/21	6 weeks	No	04/22/21	2 days	Material Order 1/4, Delivery 3/1, Installation 4/22
Fire Department Memorial Garden Repair	N/A	N/A	\$ 12,675.28	\$ 5,000.00	Garland / SignBros	Complete		03/03/21	4 weeks	No	03/22/21	3 weeks	Involves Traffic Damage, Insurance, Garden Repair (\$10,481), Letter Replacement (\$2194.28)
Hangar Site Projects	18-005	\$ 350,000.00	\$ 350,000.00	\$ 331,404.81	GMC / Conner / JRM / NRC / APCC	T-Hangar Site Complete, Single Hangar Site In Progress		N/A	N/A	N/A	04/01/20	52 weeks	Excavation, Clearing, Grading, Ditching, Piping, Design, Surveying, GAB, Paving, Striping
Fire Department BadgePass Installation	N/A	\$ 17,500.00	\$ 14,657.00	\$ 14,657.00	BadgePass / SAMS	Complete		03/29/21	N/A	No	N/A	2-3 weeks	Order, Installation, Testing, Live
CDBG 2020 - Stormwater	19-036	\$ 1,506,579.00	\$ 1,506,579.00	\$ 91,699.00	Allen Smith / Carter & Sloop	Easements, Preconstruction Meeting		N/A	N/A	Yes	N/A	N/A	Engineering Phase, Bidding, Construction planned for late summer/early fall
Sidewalk Repair Project	20-005	\$ 45,000.00	\$ 45,000.00	\$ 17,465.50	Black Oak / J&R	Phased Project	765'	N/A	N/A	No	06/07/21	N/A	East Washington COMPLETE,
Murray Lot Improvement	N/A	\$ 58,500.00	\$ 73,500.00	\$ 83,000.00	J&S Consolidated Holdings	Complete		N/A	N/A	No	03/17/21	3-4 weeks	Retaining Wall Replacement, Parking Area Repair/Replacement, Landscaping, REOPEN!
Utility / Broad Street Gate	N/A	\$ 10,000.00	\$ 9,980.40	\$ 9,480.40	Larry's Fence & Access Control	Complete		03/08/21	3-4 weeks	No	04/12/21	4-6 weeks	Gate Building, Installation, Software Training
Mathews Park Phase I	20-044	\$ 175,000.00	\$ 175,000.00	\$ 165,510.00	PlaySouth Playground Creators / CXT Concrete	Complete		N/A	N/A	Yes			Playgournd Equipment, Building Placement, Paving (County), Pavilion
Mathews Park Phase II	21-035	\$ 300,000.00	\$ 300,000.00	\$ 40,811.00	PlaySouth Playground Creators	Bidding, Ordering		08/04/21	N/A	Yes	TBD	TBD	Tables, Pavilions, Concrete, Asphalt, Demo, Shade Structures, Signage, Fencing (322-6200-541303)
Pilot Park	20-014	\$ 250,000.00	\$ 250,000.00	\$ 286,042.00	PlaySouth Playground / Black Oak / TriScapes / Roberts Fence / City of Monroe	Complete		N/A	N/A	Yes	N/A	N/A	Demo of Existing, Stormwater Repair, Playground Equipment, Concrete, Fencing, Painting
Stormwater Retention Pond Rehabilitation	21-028	\$ 275,000.00	\$ 4,500.00	\$ 4,500.00	Conner Grading / City of Monroe	Phased Project		N/A	N/A	No	07/28/21	2 weeks	Breedlove/McDaniel DONE
Stormwater Infrastructure	21-029	\$ 145,510.00	\$ 38,617.00	\$ -	Conner Grading / City of Monroe	Scheduling	320'	N/A	N/A	No	N/A	N/A	Highland Creek, Baron Drive
Sidewalk Additions	20-003	\$ 50,000.00	\$ 50,000.00	\$ -		Planning							
South Madison Avenue Paving Project	N/A	\$ 356,372.49	\$ 356,372.49	\$ 349,869.74	Blount Construction Company	Complete		N/A	N/A	Yes	05/03/21	3 weeks	Milling, Patching, Paving, Striping
Terminal Building	N/A	\$ 550,000.00	\$ -	\$ -	TBD	Design, Planning		N/A	N/A	Yes	11/01/21	7 months	Award, Acceptance/Rejection, Planning, Design, Bidding, Contracting, Construction
Gateway Entrance Signage	21-014	\$ 100,000.00	\$ 35,000.00	\$ 38,000.00	Black Oak, SignBros	Reimbursement		N/A	N/A	Yes	N/A	N/A	REBC grant award (31k), Design, Landscaping, Signage
Cemetery Rehabilitation	N/A	\$ 200,000.00	\$ 50,000.00	\$ -	TBD	Planning		N/A	N/A				Paving Portions, Design and Fencing, Shrub/Tree Removal
Green Street Court	N/A	\$ 15,000.00	\$ 15,000.00	\$ 6,500.00	PlaySouth Playground Creators	Planning		N/A	N/A				
Stormwater Marketing	N/A	\$ 3,500.00	\$ -	\$ -	TBD	Pricing, Planning		N/A	N/A	No	N/A	Ongoing	Planning, Pricing, Design, Implementation
Solid Waste Marketing & Recycling Education	N/A	\$ 30,000.00	\$ -	\$ -	TBD	Pricing, Planning		N/A	N/A	No	N/A	Ongoing	Planning, Pricing, Design, Implementation
Library Parking Lot Rehabilitation	N/A	\$ -	\$ -	\$ -		Bidding		N/A	N/A				Planning, Project Bidding during the Spring
GPS Replacement	N/A	N/A	\$ 20,570.00	\$ 20,570.00	AT&T Fleet Complete	Complete		03/10/21	1 week	No	04/29/21	2 weeks	Material Delivery, Installation Dates/Scheduling
Solid Waste Transfer Station Improvements	19-011	\$ 350,000.00	\$ 350,000.00	\$ 304,524.79	Osborn / Garland / Peters / CupriDyne / ProCare	Scheduling		N/A	N/A	No	N/A	3 months	Signage, Transfer Station Floor/Wall Repair/Clean, Scale Replacement, Fencing, Landscaping, Generator
Scale House Improvements	N/A	\$ 100,000.00	\$ 107,466.70	\$ -	Fairbanks	Scheduling							
East Washington Street	LMIG	\$ 71,045.40	\$ -	\$ -		Awaiting Schedule	3,200'	N/A	N/A	Yes			Bidding, Milling, Paving
Pinecrest Drive	LMIG	\$ 46,550.00	\$ -	\$ -		Awaiting Schedule	2,700'	N/A	N/A	Yes			Bidding, Milling, Paving
Plaza Drive	LMIG	\$ 102,564.07	\$ -	\$ -		Awaiting Schedule	3,400'	N/A	N/A	Yes			Bidding, Milling, Paving
Bryant Road	LMIG	\$ 29,050.00	\$ -	\$ -		Awaiting Schedule	2,800'	N/A	N/A	Yes			Bidding, Milling, Paving
South Madison Avenue	LMIG	\$ 77,770.00	\$ -	\$ -		Awaiting Schedule	4,500'	N/A	N/A	Yes			Bidding, Milling, Paving
Maintenance Hangar Building	21-033	\$ 50,000.00	\$ 35,500.00	\$ -	Owner / Lessee	Design In Progress		N/A	N/A	No	N/A	12 months	Planning, Council Approval, Engineering, 7460, DOT Approval, Lease Agreement, (322-7563-541303)
Police / Municipal Court Renovation Project		\$ 3,560,523.00	\$ 3,560,523.00	\$ 3,372,576.32	Garland / Place Services	Complete		N/A	N/A	Yes	06/01/19	24 months	Exterior, Bidding Architectural, Design, Bidding, Interior Renovation, Final
Plaza Renovation Phase II	21-021	\$ 971,288.00	\$ 971,288.00	\$ 163,685.26	Garland Company	In Progress		05/12/21	N/A	Yes	07/28/21	N/A	Planning, Bidding, Approval, NTP
	21-022	\$ 478,678.00	\$ 478,678.00	\$ 80,621.11	Garland Company	In Progress		05/12/21	N/A	Yes	07/28/21	N/A	Planning, Bidding, Approval, NTP
GIS Development		\$ 250,000.00	\$ 250,000.00	\$ 227,229.00	Carter & Sloop	Sewer Test Deployment, Awaiting Water, Gas, and Stormwater		N/A	N/A	Yes	01/01/20	24 months	Captured Data, Test Phases, Deployment, Edit/Corrections, Live Application
Park Restrooms	21-034	\$ 130,000.00	\$ 135,932.24	\$ -	CXT Concrete Buildings	Ordered		08/12/21	N/A	No	TBD	5 months	Mathews Park, Pilot Park, (322-6200-541303)
Garbage Truck Purchase (ASL)	N/A	\$ 270,000.00	\$ 278,673.00	\$ -	Carolina Environmental Systems	Ordered		08/16/21	280 days	No	N/A	N/A	National Purchasing Alliance Purchase
Alcovy River Park	21-026	\$ -	\$ -	\$ 5,954.00		Planning							
Parks Buildings Demo	21-030	\$ 20,000.00	\$ 20,000.00	\$ 38,314.84	City of Monroe	Complete		N/A	N/A	No	02/01/21	Sporadic	EC Kidd DONE, Towler Street DONE, Hammond DONE, Mathews DONE, Coker DONE, Athens Tech DONE
MyCivic Implemetation	N/A	\$ -	\$ -	\$ -	Tyler / MyCivic	In Progress		N/A	N/A	No	05/17/21	6 weeks	Development, Implementation
North Midland Traffic Calming		\$ -	\$ -	\$ -	Keck & Wood	Planning		N/A	N/A	No	N/A	4 weeks	Design, Planning, Pricing, Construction
Old WTP Exterior/Brick Rehabilitation	21-032	\$ 100,000.00	\$ 100,000.00	\$ -	Garland Company	In Progress		N/A	N/A	No	05/17/21	6 weeks	Emergency Restoration, Brick Removal, Shoring, Brick Replacement, (520-4400-541303)
Lumpkin Alleyway Phase II		\$ -	\$ -	\$ -	City of Monroe / TBD	Easement Acquisition		N/A	N/A	No	N/A	2 weeks	Demo of Existing, Utility Replacement, Drainage, Concrete

North Madison Sidewalk/Drainage	21-027	\$ -	\$ -	\$ 8,980.42	Keck & Wood	Engineering	1,200'	N/A	N/A	Yes	N/A	N/A	Planning, Design, Drainage, Sidewalk, Piping, Easement, Permit, Construction
Highway 186 Gas Extension	21-001	\$ 1,000,000.00	\$ 1,000,000.00	\$ 173,160.00	City of Monroe	In Progress	36,000'	N/A	N/A	No	01/01/21	12 months	6" Plastic
Highway 83 Gas Extension					City of Monroe	Material Ordered	114,502'			No	06/01/21	6 months	4" Plastic, Hwy 83, Chandler, Old Monroe Madison, Simmons, Lipscomb, Whitney, Mt. Paran, Brown Hill Church, Hestertown, Adcock
Poplar Street Gas Renewal / Installation	21-004	\$ 316,494.00	\$ 316,494.00	\$ 3,060.00	City of Monroe	Planning	4,300'	N/A	N/A	No	03/01/21	4 weeks	2" Plastic / 2" Steel
Southview Drive, Bolton Street, Reece Street, Pierce Street and Olympian Way Renewal					City of Monroe	All completed and services tied over	3,000'			No	01/01/21	4 weeks	2" Plastic
Carwood Drive Gas Renewal					Southern Pipeline	Completed & services tied over.	3,000'	N/A	N/A	No	05/01/21	6-8 weeks	2" Steel
Victory Drive Renewal					TBD	Planning	1,500'	N/A	N/A	No	01/01/21	5 months	2" Plastic
Harris / Lacy Renewal					TBD	Planning	2,000'	N/A	N/A	No	04/01/21	5 months	2" Plastic
MAB Gas Extension	21-005	\$ 250,000.00	\$ 231,576.50	\$ 18,423.50	City of Monroe	Completed		N/A	N/A	No	03/01/21	4 weeks	2" Plastic / 4" Plastic
Unisia Drive Gas Extension					City of Monroe	Complete	3,100'	N/A	N/A		01/01/21	1 week	4" Plastic
Highway 11 South Renewal					Contractor	Complete	20,064'	N/A	N/A		01/01/21	6-8 weeks	4" Plastic
The Fields / Alcovy Mountain Gas Extension	21-005	\$ 250,000.00	\$ 227,886.14	\$ 3,690.36	City of Monroe	Complete	4,000'	N/A	N/A		03/01/21	1 week	2" Plastic
South Madison Sewer Replacment					City of Monroe	Complete	550'	N/A	N/A		02/01/21	4-6 weeks	6" Clay
Church Street Sewer Replacement					City of Monroe	Complete	400'	N/A	N/A		03/01/21	4-6 weeks	6" Clay
Gratis Road / Birch Street / Highway 78 Sewer Repairs					City of Monroe	Completed					03/01/21	4-6 weeks	12 Manholes Raised in Jacks Creek area
2018 CDBG					IPR / Dickerson Group / Blount	Completed		N/A	N/A	Yes	09/18/21	20 months	Water / Sewer Rehabilitation, Paving
Alcovy River / Highway 138 Sewer Extension	18-002	\$ 4,000,000.00	\$ 4,000,000.00	\$ 209,625.18	Contractor	Contractor has started installing sewer main, dealing with a lot of rock		N/A	N/A	Yes	01/01/21	12 months	Bid, Preconstruction, Construction
Water Model Development					Weideman & Singleton	Complete		N/A	N/A	Yes	11/01/20	6-8 weeks	
WWTP Rehabilitation	19-012	\$ 7,500,000.00	\$ 7,500,000.00	\$ 550,163.75	Hofstadter & Associates	Awarded Heavy Constructors, Inc		N/A	N/A	Yes	01/01/00	forever	Design, Planning, Design, Bid, Design, Planning, Bid, Construction
Raw Water Main Replacement	20-030	\$ 3,520,000.00	\$ 3,520,000.00	\$ 53,256.80	Weideman & Singleton	Approved by EPD	TBD	N/A	N/A	Yes	01/01/21	12 months	30" / 20" Water Main Replacement / Expansion
South Broad Street Water Extension					City of Monroe	Myers to Walker Complete	1,500'	N/A	N/A		05/01/21	6-8 weeks	10" Water Main / Pressure Improvements
Highway 78 East Water Extension					City of Monroe	Planning	1,500'	N/A	N/A		03/01/21	4 months	8" Water Main
Cedar Ridge Road Water Extension					Contractor	Complete	3,500'	N/A	N/A	Yes	02/01/21	6-8 weeks	20" Water Main
Loganville Water Extension	18-028	\$ 5,580,000.00	\$ 5,580,000.00	\$ 7,377,162.04	Contractor	Control work being completed		N/A	N/A	Yes	07/01/18	36 months	Easements, Construction
Piedmont Industrial Parkway Water Extension	20-040	\$ 1,000,000.00	\$ 1,000,000.00	\$ 26,020.41	City of Monroe	In progress - Engineers	13,000'	N/A	N/A	No	01/01/21		Unisia Drive, Jacks Creek, Southview Drive, Birch Street, East Marable
Piedmont Industrial Park Water Tank	20-039	\$ 2,000,000.00	\$ 2,000,000.00	\$ 15,788.75	TBD	Planning		N/A	N/A	Yes	TBD	TBD	
Jim Daws Road Water Extension					City of Monroe	Complete	1,000'	N/A	N/A	No	01/01/21	4 weeks	
Poplar Street Pressure Improvements					City of Monroe	Complete	2,800'	N/A	N/A	No	01/01/21	6-8 weeks	
Jack's Creek Rd Gas Expansion					City of Monroe	Complete	3500'	N/A	N/A	No	07/01/21	1 month	Installed 3500' of 2" plastic gas main along Jack's Creek Rd
Saddle Creek Subdivision Jim Daws/Wall Rd					City of Monroe	Complete	3500'	N/A	N/A	No	07/01/21	1 month	Installed 3500' of 2" plastic gas main in Saddle Creek Subdivision



FINANCIAL STATUS REPORT
as of July 2021

City of Monroe
 Financial Performance Report
 For the Period Ended
 July 31, 2021

Cash balances for the City of Monroe at month end totaled **\$89,828,709** including the utility bond funds.
 The following table shows the individual account balances for the major funds.

GOVERNMENTAL FUND	
General Fund Checking	2,097,066.96
Stabilization Fund	1,250,000.00
Group Health Insurance Claims (Insurance Trust)	32,990.53
CAPITAL PROJECTS FUND	
Capital Improvement - General Government	2,739.99
Old SPLOST 2007	1,380,834.46
SPLOST 2013	634,935.19
SPLOST 2019	2,128,024.73
SPECIAL REVENUE FUND	
Hotel/Motel	6,837.94
DEA Confiscated Assets Fund	25,533.49
Confiscated Assets Fund	71,675.86
American Rescue Plan Act	2,552,997.50
ENTERPRISE FUND	
Solid Waste	771,645.80
Solid Waste Capital	901,330.82
Utility Revenue	304,525.63
Utility Revenue Reserve	1,000,000.00
CDBG 2020	500.00
CDBG 2018	500.00
Utility GEFA	1,000.00
Utility MEAG Short-Term Investment	6,488,912.66
Utility MEAG Intermediate Extended Investment	8,358,955.00
Utility MEAG Intermediate Portfolio Investment	3,152,656.18
Utility Capital Improvement	6,994,956.69
Utility Tap Fees	5,094,002.62
2016 Utility Bond Sinking Fund	444,193.12
2020 Util Bond Sinking Fund	297,190.27
2020 Bond Fund	43,234,261.83
Utility Customer Deposits (Restricted)	679,890.33
Utility Customer Deposits (Investment)	1,583,211.87

City of Monroe
 Financial Performance Report
 For the Period Ended
 July 31, 2021

The total Utility Capital funds available at month end are \$13,088,960 as broken down in the section below:

Utility Capital Improvement Cash Balance	6,994,957
Utility Revenue Reserve Cash Balance	1,000,000
Tap Fees Cash Balance	5,094,003
Total Current Funds Available	13,088,960

	Remaining Budget	2021 Budgeted Expense	2021 Actual Expense	Remaining Budget	2022 Budgeted Expense	2023 Budgeted Expense
Totals	7,091,407	4,943,062	2,552,614	9,788,661	2,470,000	2,406,500
Remaining estimated annual Tap Fees		1,200,000	500,000	500,000	1,200,000	1,200,000
Remaining estimated annual CIP transfers-in		3,000,000	1,250,000	1,250,000	3,000,000	3,000,000
Estimated Utility Capital Cash Balance EOY	5,997,553	5,254,491	14,838,960	5,050,299	6,780,299	8,573,799

The detail by year of each project is shown on the following page

Utility Capital Funding

Approved Projects/Assets

<u>Dept</u>	<u>Project Description</u>	<u>Remaining Budget</u>	<u>2021 Budgeted Expense</u>	<u>2021 Actual Expense</u>	<u>Remaining Budget</u>	<u>2022 Budgeted Expense</u>	<u>2023 Budgeted Expense</u>
Sewer	Pump Station SCADA	50,874			50,874		
Sewer	Sewer Main Rehab	451,474	100,000		551,474	100,000	100,000
Sewer	Sewer CDBG 2018-Initial Application	3,430		5,750	(2,320)		
Sewer	CDBG 2018 Construction & Design			399,613	(399,613)		
Sewer	CDBG 2018 Revenue (DCA draws)	77,850			77,850		
Sewer	GIS Program Development	-			-		
Sewer	motors, pumps, controls, etc	133,367	150,000	193,475	89,892	150,000	150,000
Sewer	Trickling Filter Pump	1,161	40,000		41,161		
Sewer	Truck Replacement				-	50,000	
Sewer	Application/Design CDBG 2022 submittal				-	50,000	
Sewer	CDBG 2022 Construction				-		250,000
Sewer	Final Clarifier Clean Out		20,000		20,000		20,000
Sewer	equipment trailer		8,190		8,190		
Sewer	Sewer Extensions		100,000		100,000	100,000	100,000
Water	Water Main Rehab	500,000	125,000	29,852	595,148	125,000	125,000
Water	Fire Hydrant Replacement	72,273	55,000		127,273	55,000	55,000
Water	Infrastructure Repair/Replacement	511,179	250,000		761,179	150,000	150,000
Water/Telecom	Loganville Water Line-Fiber	245,000			245,000		
Water	Replacement of Controls	40,000			40,000		
Water	Warehouse Improvements	22,384			22,384		
Water	Membrane Filters	66,365	25,000		91,365	25,000	25,000
Water	Water Meters	56,500	56,500		113,000	56,500	56,500
Water	GIS Program Development	-			-		
Water	Alcovy River Screen	350,000			350,000		
Water	Fire Hydrant Security	25,000	50,000		75,000	50,000	50,000
Water	High Service Pumps	12,034			12,034		
Water	Service Renewals	100,000	200,000		300,000	200,000	200,000
Water	Water Master Plan	81,805		33,291	48,514		
Water	Waterline extensions & pressure improvements	84,238	150,000		234,238	125,000	100,000
Water	New Construction Water Meters	20,560			20,560		
Water	Application/Design CDBG 2022 submittal				-	25,000	
Water	CDBG 2022 Construction				-		250,000
Water	Control Vlv Replacement Reservoir & Alcovy River		-		-		
Water	equipment trailer		8,190		8,190		
Water	truck		-	60,385	(60,385)		
Water	replace engine in F350 truck		-	14,780	(14,780)		
Water	REMOVE BRICK FACING OLD WATER PLANT		-		-		
Central Svcs	Vehicle					33,500	
Central Svcs	Exchange server	47,100	64,000	62,062	49,038		
Central Svcs	Forklift at Warehouse		36,100		36,100		
Central Svcs	Control System for Broad St Gate		-	9,480	(9,480)		
Central Svcs	Plaza renovations phase #2 (bldgs B thru E)		971,288		971,288		
Admin	Trucks	-	48,000		48,000		
Admin	My Civic Citizen citywide app		-	8,300	(8,300)		
Admin	Itron Equip Upgrades	75,800		58,876	16,924		
Electric	Reconductor Distrubtion System	153,271		4,823	148,448		
Electric	3 Phase Feeder (Hwy138 - Hospital)	95,000			95,000		
Electric	Cover Gear	25,000			25,000		
Electric	mini excavator	-			-		
Electric	fault finder	-			-		
Electric	2018 LED Streetlights	36,454		39,070	-		
Electric	meter load tester	-			-		
Electric	Pole Crane	80,000			80,000		
Electric	Warehouse Project	30,186		5,266	-		
Electric	System Automation 2019-2020	103,978			103,978	75,000	75,000
Electric	Underground for Town Green	151,489		3,070	148,419		
Electric	AMI meters/system	340,215	140,000	106,029	374,186		
Electric	Rebuild Highland & S Madison Ave (poles, transformers, wi	726,700		84,098	642,602		
Electric	GIS Program Development	11,386		5,569	5,817		
Electric	commercial demand meters	70,000			70,000		
Electric	Monroe Pavilion Electric	-		304,015	-		
Electric	Pole Replacement		400,000		400,000	400,000	
Electric	Pole / Wire trailer		20,230	22,330	(2,100)		
Electric	Downtown Lighting Replacement		109,632	87,630	22,002		
Electric	Hwy11/78 Lighting		76,500	89,654	(13,154)		
Electric	Meadows Farm Subdivision			67,828	(67,828)		
Electric	Etten Drive Commercial Bldg			6,635	(6,635)		
Telecom	IP Conversion	107,729			107,729		
Telecom	IPTV	100,585			100,585		
Telecom	Community WiFi / Wireless Deployment	50,459			50,459		
Telecom	Fusion Splicer	38,079			38,079		
Telecom	Halon Fire Suppression	44,000			44,000		
Telecom	GIS Program Development				-		
Telecom	Fiber to the X services	177,806		185,597	(7,791)		
Telecom	Telecom Expansion to PD bldg			8,929			

Telecom	Core switch replacement	22,198			22,198		
Telecom	18 cable replace	24,323		4,677	19,646		
Telecom	replacement receiver - CATV	-		9,127	(9,127)		
Gas	Gas GIS	72,249			72,249		
Gas	Good Hope	-			-		
Gas	James Huff/Gratis	-			-		
Gas	Old Mill Replacement	-			-		
Gas	Unisia Dr Extension	-			-		
Gas	Lacy, Davis, Harris & Ash Streets	140,000			140,000		
Gas	Various Projects	100,000			100,000		
Gas	Walton Co Gas Extension			7,320			
Gas	Stone Creek Gas Extension	-			-		-
Gas	GIS Program Development	11,386		5,569	5,817		
Gas	natural gas master plan	150,000			150,000		
Gas	Gas Main Renewal		316,494	140,427	176,067	300,000	300,000
Gas	equipment trailer		16,380		16,380		
Gas	Main Extension (Monroe Pavilion, etc)		250,000	93,335	156,665	250,000	250,000
Gas	Truck		62,979	62,979	-		
Stormwater	Lateral Repair	8,183			8,183		
Stormwater	Storm/Drain Retention Pond Rehab	175,000	100,000		275,000	100,000	100,000
Stormwater	GIS Program Development	0			0		
Stormwater	Improvements	100,000			100,000		
Stormwater	pickup truck	33,232	60,000		93,232		
Stormwater	Infrastructure / Pipes / Inlets / etc.	95,510	50,000		145,510	50,000	50,000
Stormwater	Skid Steer / track loader		85,000	62,725	22,275		
Stormwater	CDBG2020 Application & Design	52,998		61,397	-		
Stormwater	CDBG 2020 Construction	500,000	706,579		1,206,579		
Stormwater	N Madison Stormwater			8,980	(8,980)		
Stormwater	FAE mulching head		32,000		32,000		

Utility 2020 Bond Projects

	Original Budget	Expenditures	Balance
Wastewater Treatment Plant Upgrades	7,500,000	132,430	7,367,570
Alcovy Sewer Line Extension	4,000,000	389,738	3,610,262
Loganville Water Transmission Line Extension	5,580,000	5,580,000	-
Future Water Transmission Line Extensions	1,700,000	333,333	1,366,667
Raw Water Line Upgrades	3,520,000	96,692	3,423,308
Water Tank Industrial Park & Line Extension	3,000,000	44,514	2,955,486
Water Tank Northside of System	1,750,000		1,750,000
Water Plant System Upgrades	3,000,000	9,555	2,990,445
East Walton Gas Line Extension	1,000,000	191,882	808,118
Broadband Fiber Extension	12,700,000	933,033	11,766,967
Future Expansion Projects	6,250,000		6,250,000
	\$50,000,000	\$7,711,176	\$42,288,824

Solid Waste Capital Funding

Approved Projects/Assets

<u>Dept</u>	<u>Project Description</u>	<u>2021 Budgeted Expense</u>	<u>2021 Actual Expense</u>	<u>Remaining Budget</u>	<u>2022 Budgeted Expense</u>	<u>2023 Budgeted Expense</u>
Solid Waste	Recycling Carts (purchased via OPEX # 531108)	70,000	54,798	15,203		
Solid Waste	Replace Scales @ Transfer Station	100,000		100,000		
Solid Waste	Transfer Station Improvements	350,000	298,490	51,510	25,000	25,000
Solid Waste	Downtown Dumpster Corrals	150,000		150,000		
Solid Waste	Commercial Garbage Truck	270,000		270,000		
Solid Waste	JD Loader boom	-	19,014			
Solid Waste	Pickup Truck			-	35,000	
Solid Waste	major repair JD 644K loader (orig asset# 00001448)		18,606	(18,606)		
Totals		940,000	390,908	568,106	60,000	25,000
Remaining estimated annual CIP transfers-in		300,000	125,000	125,000	300,000	300,000
Estimated Solid Waste Capital Cash Balance				458,225	698,225	973,225

Solid Waste Capital Improvement Cash Balance 901,331 as of July 31

SPLOST Budgets

2013 SPLOST	Original Budget	Total Revenue Received Amended Budget	Expenditures	Reimbursements	Balance
Transportation	5,785,963.91	5,953,753.25	9,300,502.04	3,839,812.33	\$ 493,064
Public Safety	1,200,000.00	1,210,932.86	1,088,071.43	18,955.68	\$ 141,817
Solid Waste	2,513,543.61	2,119,132.51	2,119,132.25		\$ 0
	9,499,507.52	9,283,818.62	12,507,705.72	3,858,768.01	\$ 634,881

2019 SPLOST	Original Budget	Total Revenue Received	Expenditures	Reimbursements	Balance
Transportation	6,139,675.00	3,731,919.61	2,671,749.00	319,300.79	\$ 1,379,471
Parks	2,631,289.00	1,599,394.12	851,201.55	180.91	\$ 748,373
	8,770,964.00	5,331,313.73	3,522,950.55	319,481.70	\$ 2,127,845

General Fund

For Fiscal: 2021 Period Ending: 7/2021



	Original Total Budget	Current Total Budget	Period Activity	YTD July	Assumed Aug-Dec	Projected Year End 2021	Year End 2020
Revenue							
1510 - FINANCE ADMIN	11,981,521	11,981,521	660,834	5,037,478	7,062,889	12,100,366	12,475,661
1519 - INTERGOVERNMENTAL	109,600	109,600	-	27,924	94,715	122,638	189,879
1565 - WALTON PLAZA	3,308	3,308	276	1,930	1,379	3,309	3,308
2650 - MUNICIPAL COURT	475,000	475,000	28,347	165,776	115,745	281,521	269,919
3200 - POLICE	360,000	360,000	6,364	43,875	271,127	315,002	842,386
3500 - FIRE OPERATIONS	-	-	7,675	33,863	(3,008)	30,855	114,805
3510 - FIRE PREVENTION/CRR	-	-	-	500	-	500	500
4200 - STREETS & TRANSPORTATION	152,099	152,099	-	152,099	-	152,099	209,010
5530 - COMMUNITY CENTER	25,000	25,000	-	3,333	11,667	15,000	13,142
7200 - CODE & DEVELOPMENT	390,000	390,000	15,047	366,242	118,783	485,024	414,450
7520 - ECONOMIC DEVELOPMENT	20,000	20,000	-	8,884	8,312	17,195	14,006
7521 - MAINSTREET	35,000	35,000	-	8,750	26,250	35,000	35,000
7563 - AIRPORT	205,350	205,350	23,829	102,388	100,486	202,874	237,164
Revenue Total:	13,756,878	13,756,878	742,371	5,953,041	7,808,343	13,761,384	14,819,230
Expense							
1100 - LEGISLATIVE	250,791	250,791	30,087	134,754	39,215	173,969	250,658
1300 - EXECUTIVE	403,555	403,555	32,619	198,073	113,526	311,599	299,910
1400 - ELECTIONS	15,300	15,300	-	-	-	-	-
1500 - GENERAL ADMIN	145,244	145,244	11,765	84,436	67,364	151,800	151,761
1510 - FINANCE ADMIN	355,918	355,918	19,309	150,427	224,450	374,877	399,895
1530 - LAW	105,000	105,000	61,772	156,029	100,611	256,640	185,781
1560 - AUDIT	40,000	40,000	-	39,500	(1,435)	38,065	39,500
1565 - WALTON PLAZA	596,372	596,372	120,908	419,152	178,321	597,474	302,574
2650 - MUNICIPAL COURT	105,625	105,625	9,043	83,875	42,611	126,486	115,994
3200 - POLICE	5,571,928	5,571,928	438,082	2,887,952	3,059,113	5,947,065	5,922,577
3500 - FIRE OPERATIONS	2,467,333	2,467,333	201,132	1,338,381	1,035,378	2,373,759	2,389,971
3510 - FIRE PREVENTION/CRR	97,948	97,948	6,659	45,155	30,691	75,846	114,952
4200 - STREETS & TRANSPORTATION	1,548,926	1,548,926	131,986	813,363	604,908	1,418,271	1,451,600
5500 - COMMUNITY SERVICES	12,600	12,600	5,600	9,931	5,775	15,706	11,375
5530 - COMMUNITY CENTER	5,000	5,000	619	3,927	2,335	6,262	11,829
6200 - BLDGS & GROUNDS	607,135	607,135	25,500	261,169	228,305	489,474	457,378
6500 - LIBRARIES	124,075	124,075	255	72,764	63,395	136,159	127,491
7200 - CODE & DEVELOPMENT	649,658	649,658	84,848	442,451	348,338	790,789	869,538
7400 - PLANNING AND ZONING	4,844	4,844	-	-	4,360	4,360	4,360
7520 - ECONOMIC DEVELOPMENT	463,476	463,476	58,852	239,167	144,311	383,477	232,920
7550 - DOWNTOWN DEVELOPMENT	25,000	25,000	28	18,872	12,500	31,372	25,000
7563 - AIRPORT	161,150	161,150	34,098	83,194	84,507	167,702	118,106
9001 - GEN - OTHER FINANCING USES	-	-	-	-	-	-	92,000
Expense Total:	13,756,878	13,756,878	1,273,160	7,482,571	6,388,581	13,871,151	13,575,170
Report Surplus (Deficit):				(1,529,530)		(109,767)	1,244,060

Monthly Budget Report

Group Summary

For Fiscal: 2021 Period Ending: 07/31/2021



Monroe, GA

DEP...	July Budget	July Activity	Variance Favorable (Unfavorable)	Percent Remaining	YTD Budget	YTD Activity	Variance Favorable (Unfavorable)	Percent Remaining	Total Budget
Revenue									
R1: 31 - TAXES									
1510 - FINANCE ADMIN	693,534.16	390,762.11	-302,772.05	-43.66 %	4,854,739.12	2,927,116.08	-1,927,623.04	-39.71 %	8,325,740.46
Total R1: 31 - TAXES:	693,534.16	390,762.11	-302,772.05	-43.66 %	4,854,739.12	2,927,116.08	-1,927,623.04	-39.71 %	8,325,740.46
R1: 32 - LICENSES & PERMITS									
7200 - CODE & DEVELOPMENT	35,253.83	15,046.51	-20,207.32	-57.32 %	246,776.81	365,585.12	118,808.31	48.14 %	423,200.00
Total R1: 32 - LICENSES & PERMITS:	35,253.83	15,046.51	-20,207.32	-57.32 %	246,776.81	365,585.12	118,808.31	48.14 %	423,200.00
R1: 33 - INTERGOVERNMENTAL									
1519 - INTERGOVERNMENTAL	9,129.68	0.00	-9,129.68	-100.00 %	63,907.76	27,923.68	-35,984.08	-56.31 %	109,600.00
3200 - POLICE	2,165.80	2,865.24	699.44	32.29 %	15,160.60	17,199.65	2,039.05	13.45 %	26,000.00
3500 - FIRE OPERATIONS	0.00	0.00	0.00	0.00 %	0.00	26,187.62	26,187.62	0.00 %	0.00
4200 - STREETS & TRANSPORTATION	12,669.81	0.00	-12,669.81	-100.00 %	88,688.67	152,098.59	63,409.92	71.50 %	152,098.59
Total R1: 33 - INTERGOVERNMENTAL:	23,965.29	2,865.24	-21,100.05	-88.04 %	167,757.03	223,409.54	55,652.51	33.17 %	287,698.59
R1: 34 - CHARGES FOR SERVICES									
1510 - FINANCE ADMIN	59,101.35	63,170.79	4,069.44	6.89 %	413,709.45	480,577.59	66,868.14	16.16 %	709,500.00
3200 - POLICE	1,666.00	435.00	-1,231.00	-73.89 %	11,662.00	1,999.31	-9,662.69	-82.86 %	20,000.00
3510 - FIRE PREVENTION/CRR	0.00	0.00	0.00	0.00 %	0.00	500.00	500.00	0.00 %	0.00
7200 - CODE & DEVELOPMENT	416.50	0.00	-416.50	-100.00 %	2,915.50	655.95	-2,259.55	-77.50 %	5,000.00
7520 - ECONOMIC DEVELOPMENT & PLANNNG	1,666.00	0.00	-1,666.00	-100.00 %	11,662.00	8,883.65	-2,778.35	-23.82 %	20,000.00
7563 - AIRPORT	91.63	85.00	-6.63	-7.24 %	641.41	340.00	-301.41	-46.99 %	1,100.00
Total R1: 34 - CHARGES FOR SERVICES:	62,941.48	63,690.79	749.31	1.19 %	440,590.36	492,956.50	52,366.14	11.89 %	755,600.00
R1: 35 - FINES & FORFEITURES									
2650 - MUNICIPAL COURT	39,567.50	28,346.59	-11,220.91	-28.36 %	276,972.50	165,776.46	-111,196.04	-40.15 %	475,000.00
3200 - POLICE	0.00	3,063.72	3,063.72	0.00 %	0.00	16,455.23	16,455.23	0.00 %	0.00
Total R1: 35 - FINES & FORFEITURES:	39,567.50	31,410.31	-8,157.19	-20.62 %	276,972.50	182,231.69	-94,740.81	-34.21 %	475,000.00
R1: 36 - INVESTMENT INCOME									
1510 - FINANCE ADMIN	0.00	0.00	0.00	0.00 %	0.00	229.32	229.32	0.00 %	0.00
Total R1: 36 - INVESTMENT INCOME:	0.00	0.00	0.00	0.00 %	0.00	229.32	229.32	0.00 %	0.00
R1: 37 - CONTRIBUTIONS & DONATIONS									
3200 - POLICE	333.20	0.00	-333.20	-100.00 %	2,332.40	0.00	-2,332.40	-100.00 %	4,000.00
7521 - MAINSTREET	2,915.50	0.00	-2,915.50	-100.00 %	20,408.50	8,750.00	-11,658.50	-57.13 %	35,000.00
Total R1: 37 - CONTRIBUTIONS & DONATIONS:	3,248.70	0.00	-3,248.70	-100.00 %	22,740.90	8,750.00	-13,990.90	-61.52 %	39,000.00
R1: 38 - MISCELLANEOUS REVENUE									
1510 - FINANCE ADMIN	2,915.50	-7,645.66	-10,561.16	-362.24 %	20,408.50	16,677.12	-3,731.38	-18.28 %	35,000.00

Monthly Budget Report

For Fiscal: 2021 Period Ending: 07/21/21

DEP...	July Budget	July Activity	Variance Favorable (Unfavorable)	Percent Remaining	YTD Budget	YTD Activity	Variance Favorable (Unfavorable)	Percent Remaining	Total Budget
1565 - WALTON PLAZA	275.55	275.63	0.08	0.03 %	1,928.85	1,929.41	0.56	0.03 %	3,308.00
3200 - POLICE	0.00	0.00	0.00	0.00 %	0.00	8,221.00	8,221.00	0.00 %	0.00
3500 - FIRE OPERATIONS	0.00	7,675.28	7,675.28	0.00 %	0.00	7,675.28	7,675.28	0.00 %	0.00
5530 - COMMUNITY CENTER	2,082.50	0.00	-2,082.50	-100.00 %	14,577.50	3,333.34	-11,244.16	-77.13 %	25,000.00
7563 - AIRPORT	17,014.02	23,744.22	6,730.20	39.56 %	119,098.14	102,048.48	-17,049.66	-14.32 %	204,250.00
Total R1: 38 - MISCELLANEOUS REVENUE:	22,287.57	24,049.47	1,761.90	7.91 %	156,012.99	139,884.63	-16,128.36	-10.34 %	267,558.00
R1: 39 - OTHER FINANCING SOURCES									
1510 - FINANCE ADMIN	242,509.62	214,546.49	-27,963.13	-11.53 %	1,697,567.34	1,612,877.56	-84,689.78	-4.99 %	2,911,280.08
3200 - POLICE	25,823.00	0.00	-25,823.00	-100.00 %	180,761.00	0.00	-180,761.00	-100.00 %	310,000.00
Total R1: 39 - OTHER FINANCING SOURCES:	268,332.62	214,546.49	-53,786.13	-20.04 %	1,878,328.34	1,612,877.56	-265,450.78	-14.13 %	3,221,280.08
Total Revenue:	1,149,131.15	742,370.92	-406,760.23	-35.40 %	8,043,918.05	5,953,040.44	-2,090,877.61	-25.99 %	13,795,077.13
Expense									
1100 - LEGISLATIVE	20,890.87	30,086.81	-9,195.94	-44.02 %	146,236.09	134,754.00	11,482.09	7.85 %	250,791.00
1300 - EXECUTIVE	33,616.08	32,619.39	996.69	2.96 %	235,312.56	198,073.55	37,239.01	15.83 %	403,555.00
1400 - ELECTIONS	1,274.49	0.00	1,274.49	100.00 %	8,921.43	0.00	8,921.43	100.00 %	15,300.00
1500 - GENERAL ADMIN	12,098.80	11,765.49	333.31	2.75 %	84,691.60	84,436.61	254.99	0.30 %	145,244.00
1510 - FINANCE ADMIN	29,647.92	19,308.80	10,339.12	34.87 %	207,535.44	150,427.38	57,108.06	27.52 %	355,918.00
1530 - LAW	8,746.50	61,771.68	-53,025.18	-606.24 %	61,225.50	156,028.87	-94,803.37	-154.84 %	105,000.00
1560 - AUDIT	3,332.00	0.00	3,332.00	100.00 %	23,324.00	39,500.00	-16,176.00	-69.35 %	40,000.00
1565 - WALTON PLAZA	49,677.78	120,907.92	-71,230.14	-143.38 %	347,744.46	419,152.28	-71,407.82	-20.53 %	596,372.00
2650 - MUNICIPAL COURT	8,791.27	9,043.11	-251.84	-2.86 %	61,625.89	83,874.92	-22,249.03	-36.10 %	105,625.00
3200 - POLICE	464,141.51	438,082.01	26,059.50	5.61 %	3,248,990.57	2,887,951.72	361,038.85	11.11 %	5,571,927.56
3500 - FIRE OPERATIONS	205,528.81	201,132.30	4,396.51	2.14 %	1,438,701.67	1,338,381.08	100,320.59	6.97 %	2,467,333.00
3510 - FIRE PREVENTION/CRR	8,159.04	6,658.62	1,500.42	18.39 %	57,113.28	45,154.63	11,958.65	20.94 %	97,948.00
4200 - STREETS & TRANSPORTATION	129,025.50	131,985.62	-2,960.12	-2.29 %	903,178.50	813,362.90	89,815.60	9.94 %	1,548,926.00
5500 - COMMUNITY SERVICES	1,049.58	5,600.00	-4,550.42	-433.55 %	7,347.06	9,931.00	-2,583.94	-35.17 %	12,600.00
5530 - COMMUNITY CENTER	416.50	618.56	-202.06	-48.51 %	2,915.50	3,927.31	-1,011.81	-34.70 %	5,000.00
6200 - BLDGS & GROUNDS	50,574.23	25,500.17	25,074.06	49.58 %	354,019.65	261,169.15	92,850.50	26.23 %	607,134.57
6500 - LIBRARIES	10,335.44	254.91	10,080.53	97.53 %	72,348.08	72,763.92	-415.84	-0.57 %	124,075.00
7200 - CODE & DEVELOPMENT	57,299.81	84,847.53	-27,547.72	-48.08 %	401,098.67	442,451.03	-41,352.36	-10.31 %	687,858.00
7400 - PLANNING AND ZONING	403.50	0.00	403.50	100.00 %	2,824.50	0.00	2,824.50	100.00 %	4,844.00
7520 - ECONOMIC DEVELOPMENT & PLANNNG	38,607.51	58,851.79	-20,244.28	-52.44 %	270,252.57	239,167.17	31,085.40	11.50 %	463,476.00
7550 - DOWNTOWN DEVELOPMENT	2,082.50	27.92	2,054.58	98.66 %	14,577.50	18,871.68	-4,294.18	-29.46 %	25,000.00
7563 - AIRPORT	13,423.76	34,097.64	-20,673.88	-154.01 %	93,966.32	83,194.48	10,771.84	11.46 %	161,150.00
Total Expense:	1,149,123.40	1,273,160.27	-124,036.87	-10.79 %	8,043,950.84	7,482,573.68	561,377.16	6.98 %	13,795,077.13
Report Total:	7.75	-530,789.35	-530,797.10		-32.79	-1,529,533.24	-1,529,500.45		0.00



Monroe, GA

Income Statement

Group Summary

For Fiscal: 2021 Period Ending: 07/31/2021

DEPT	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Revenue					
1510 - FINANCE ADMIN	11,981,520.54	11,981,520.54	660,833.73	5,037,477.67	6,944,042.87
1519 - INTERGOVERNMENTAL	109,600.00	109,600.00	0.00	27,923.68	81,676.32
1565 - WALTON PLAZA	3,308.00	3,308.00	275.63	1,929.41	1,378.59
2650 - MUNICIPAL COURT	475,000.00	475,000.00	28,346.59	165,776.46	309,223.54
3200 - POLICE	360,000.00	360,000.00	6,363.96	43,875.19	316,124.81
3500 - FIRE OPERATIONS	0.00	0.00	7,675.28	33,862.90	-33,862.90
3510 - FIRE PREVENTION/CRR	0.00	0.00	0.00	500.00	-500.00
4200 - STREETS & TRANSPORTATION	152,098.59	152,098.59	0.00	152,098.59	0.00
5530 - COMMUNITY CENTER	25,000.00	25,000.00	0.00	3,333.34	21,666.66
7200 - CODE & DEVELOPMENT	390,000.00	428,200.00	15,046.51	366,241.07	61,958.93
7520 - ECONOMIC DEVELOPMENT & PLANNNG	20,000.00	20,000.00	0.00	8,883.65	11,116.35
7521 - MAINSTREET	35,000.00	35,000.00	0.00	8,750.00	26,250.00
7563 - AIRPORT	205,350.00	205,350.00	23,829.22	102,388.48	102,961.52
Revenue Total:	13,756,877.13	13,795,077.13	742,370.92	5,953,040.44	7,842,036.69
Expense					
1100 - LEGISLATIVE	250,791.00	250,791.00	30,086.81	134,754.00	116,037.00
1300 - EXECUTIVE	403,555.00	403,555.00	32,619.39	198,073.55	205,481.45
1400 - ELECTIONS	15,300.00	15,300.00	0.00	0.00	15,300.00
1500 - GENERAL ADMIN	145,244.00	145,244.00	11,718.46	84,436.61	60,807.39
1510 - FINANCE ADMIN	355,918.00	355,918.00	19,308.80	150,427.38	205,490.62
1530 - LAW	105,000.00	105,000.00	61,771.68	156,028.87	-51,028.87
1560 - AUDIT	40,000.00	40,000.00	0.00	39,500.00	500.00
1565 - WALTON PLAZA	596,372.00	596,372.00	120,907.92	419,152.28	177,219.72
2650 - MUNICIPAL COURT	105,625.00	105,625.00	9,043.11	83,874.92	21,750.08
3200 - POLICE	5,571,927.56	5,571,927.56	438,082.01	2,887,951.72	2,683,975.84
3500 - FIRE OPERATIONS	2,467,333.00	2,467,333.00	201,132.30	1,338,381.08	1,128,951.92
3510 - FIRE PREVENTION/CRR	97,948.00	97,948.00	6,658.62	45,154.63	52,793.37
4200 - STREETS & TRANSPORTATION	1,548,926.00	1,548,926.00	131,985.62	813,362.90	735,563.10
5500 - COMMUNITY SERVICES	12,600.00	12,600.00	5,600.00	9,931.00	2,669.00
5530 - COMMUNITY CENTER	5,000.00	5,000.00	618.56	3,927.31	1,072.69
6200 - BLDGS & GROUNDS	607,134.53	607,134.57	25,500.17	261,169.15	345,965.42
6500 - LIBRARIES	124,075.00	124,075.00	254.91	72,763.92	51,311.08
7200 - CODE & DEVELOPMENT	649,658.00	687,858.00	84,847.53	442,451.03	245,406.97
7400 - PLANNING AND ZONING	4,844.00	4,844.00	0.00	0.00	4,844.00
7520 - ECONOMIC DEVELOPMENT & PLANNNG	463,476.00	463,476.00	58,851.79	239,167.17	224,308.83
7550 - DOWNTOWN DEVELOPMENT	25,000.00	25,000.00	27.92	18,871.68	6,128.32
7563 - AIRPORT	161,150.00	161,150.00	34,097.64	83,194.48	77,955.52
Expense Total:	13,756,877.09	13,795,077.13	1,273,113.24	7,482,573.68	6,312,503.45
Total Surplus (Deficit):	0.04	0.00	-530,742.32	-1,529,533.24	

Prior-Year Comparative Income Statement

Group Summary

For the Period Ending 07/31/2021



Monroe, GA

DEP...	2020 July Activity	2021 July Activity	July Variance Favorable / (Unfavorable)	Variance %	2020 YTD Activity	2021 YTD Activity	YTD Variance Favorable / (Unfavorable)	Variance %
Revenue								
1510 - FINANCE ADMIN	595,369.74	660,833.73	65,463.99	11.00%	4,374,037.31	5,037,477.67	663,440.36	15.17%
1519 - INTERGOVERNMENTAL	0.00	0.00	0.00	0.00%	95,164.50	27,923.68	-67,240.82	-70.66%
1565 - WALTON PLAZA	275.63	275.63	0.00	0.00%	1,929.41	1,929.41	0.00	0.00%
2650 - MUNICIPAL COURT	18,951.96	28,346.59	9,394.63	49.57%	149,592.88	165,776.46	16,183.58	10.82%
3200 - POLICE	146,796.40	6,363.96	-140,432.44	-95.66%	569,654.68	43,875.19	-525,779.49	-92.30%
3500 - FIRE OPERATIONS	68,966.15	7,675.28	-61,290.87	-88.87%	100,223.40	33,862.90	-66,360.50	-66.21%
3510 - FIRE PREVENTION/CRR	0.00	0.00	0.00	0.00%	500.00	500.00	0.00	0.00%
4200 - STREETS & TRANSPORTATION	0.00	0.00	0.00	0.00%	209,009.88	152,098.59	-56,911.29	-27.23%
5530 - COMMUNITY CENTER	0.00	0.00	0.00	0.00%	1,475.00	3,333.34	1,858.34	125.99%
7200 - CODE & DEVELOPMENT	39,014.00	15,046.51	-23,967.49	-61.43%	295,667.25	366,241.07	70,573.82	23.87%
7520 - ECONOMIC DEVELOPMENT & PLANNING	130.00	0.00	-130.00	-100.00%	5,694.00	8,883.65	3,189.65	56.02%
7521 - MAINSTREET	0.00	0.00	0.00	0.00%	8,750.00	8,750.00	0.00	0.00%
7563 - AIRPORT	40,512.85	23,829.22	-16,683.63	-41.18%	129,805.90	102,388.48	-27,417.42	-21.12%
Revenue Total:	910,016.73	742,370.92	-167,645.81	-18.42%	5,941,504.21	5,953,040.44	11,536.23	0.19%
Expense								
1100 - LEGISLATIVE	8,906.04	30,086.81	-21,180.77	-237.82%	86,032.98	134,754.00	-48,721.02	-56.63%
1300 - EXECUTIVE	27,748.22	32,619.39	-4,871.17	-17.55%	186,223.94	198,073.55	-11,849.61	-6.36%
1500 - GENERAL ADMIN	11,490.81	11,718.46	-227.65	-1.98%	82,247.97	84,436.61	-2,188.64	-2.66%
1510 - FINANCE ADMIN	20,675.81	19,308.80	1,367.01	6.61%	158,214.18	150,427.38	7,786.80	4.92%
1530 - LAW	6,474.00	61,771.68	-55,297.68	-854.15%	85,168.52	156,028.87	-70,860.35	-83.20%
1560 - AUDIT	4,840.00	0.00	4,840.00	100.00%	40,935.00	39,500.00	1,435.00	3.51%
1565 - WALTON PLAZA	22,140.00	120,907.92	-98,767.92	-446.11%	124,252.81	419,152.28	-294,899.47	-237.34%
2650 - MUNICIPAL COURT	13,115.24	9,043.11	4,072.13	31.05%	56,149.35	83,874.92	-27,725.57	-49.38%
3200 - POLICE	98,278.21	438,082.01	-339,803.80	-345.76%	2,926,321.88	2,887,951.72	38,370.16	1.31%
3500 - FIRE OPERATIONS	172,589.51	201,132.30	-28,542.79	-16.54%	1,335,336.61	1,338,381.08	-3,044.47	-0.23%
3510 - FIRE PREVENTION/CRR	8,628.43	6,658.62	1,969.81	22.83%	51,624.84	45,154.63	6,470.21	12.53%
4200 - STREETS & TRANSPORTATION	98,636.58	131,985.62	-33,349.04	-33.81%	735,110.49	813,362.90	-78,252.41	-10.64%
5500 - COMMUNITY SERVICES	0.00	5,600.00	-5,600.00	0.00%	5,600.00	9,931.00	-4,331.00	-77.34%
5530 - COMMUNITY CENTER	616.35	618.56	-2.21	-0.36%	9,494.11	3,927.31	5,566.80	58.63%
6200 - BLDGS & GROUNDS	54,378.18	25,500.17	28,878.01	53.11%	222,038.17	261,169.15	-39,130.98	-17.62%
6500 - LIBRARIES	212.97	254.91	-41.94	-19.69%	64,096.41	72,763.92	-8,667.51	-13.52%
7200 - CODE & DEVELOPMENT	52,588.47	84,847.53	-32,259.06	-61.34%	451,218.72	442,451.03	8,767.69	1.94%
7520 - ECONOMIC DEVELOPMENT & PLANNING	6,685.10	58,851.79	-52,166.69	-780.34%	84,077.69	239,167.17	-155,089.48	-184.46%
7550 - DOWNTOWN DEVELOPMENT	0.00	27.92	-27.92	0.00%	12,500.00	18,871.68	-6,371.68	-50.97%
7563 - AIRPORT	947.56	34,097.64	-33,150.08	-3,498.47%	33,598.91	83,194.48	-49,595.57	-147.61%

Prior-Year Comparative Income Statement

For the Period Ending 07/31/2

DEP...	2020	2021	July Variance		2020	2021	YTD Variance	
	July Activity	July Activity	Favorable / (Unfavorable)	Variance %	YTD Activity	YTD Activity	Favorable / (Unfavorable)	Variance %
Expense Total:	608,951.48	1,273,113.24	-664,161.76	-109.07%	6,750,242.58	7,482,573.68	-732,331.10	-10.85%
Total Surplus (Deficit):	301,065.25	-530,742.32	-831,807.57	-276.29%	-808,738.37	-1,529,533.24	-720,794.87	-89.13%

Budget Report

Group Summary

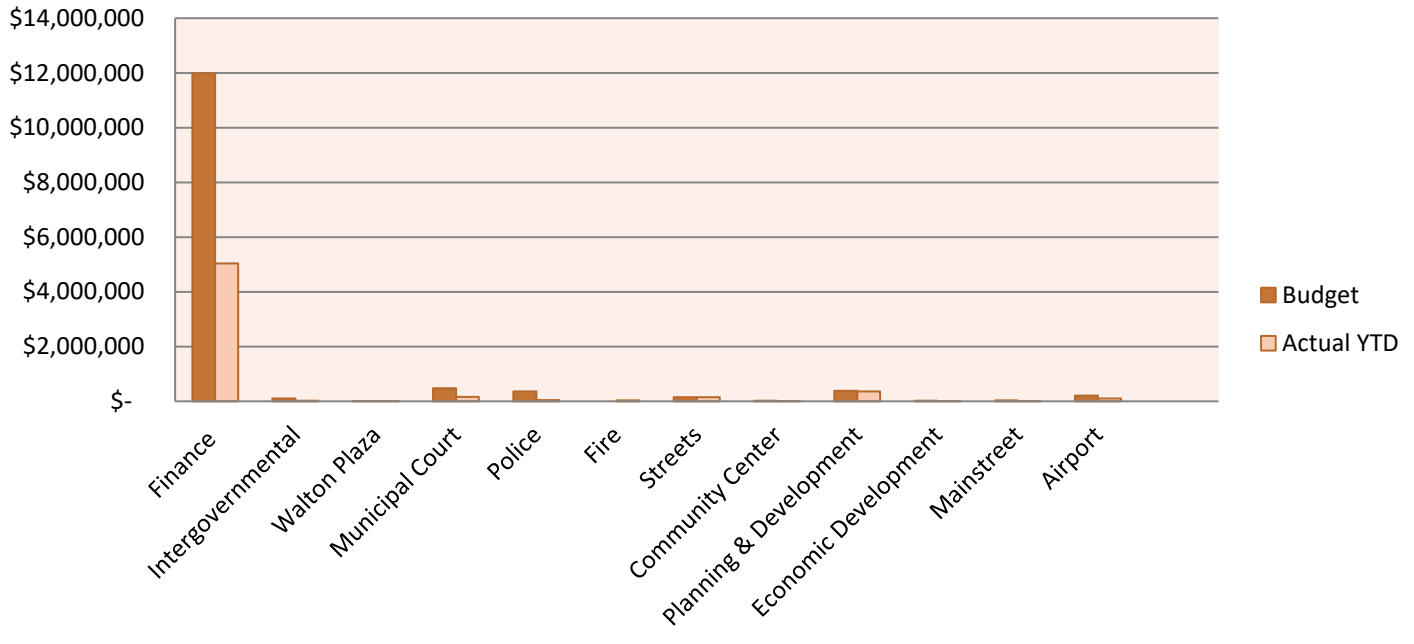
For Fiscal: 2021 Period Ending: 07/31/2021



Monroe, GA

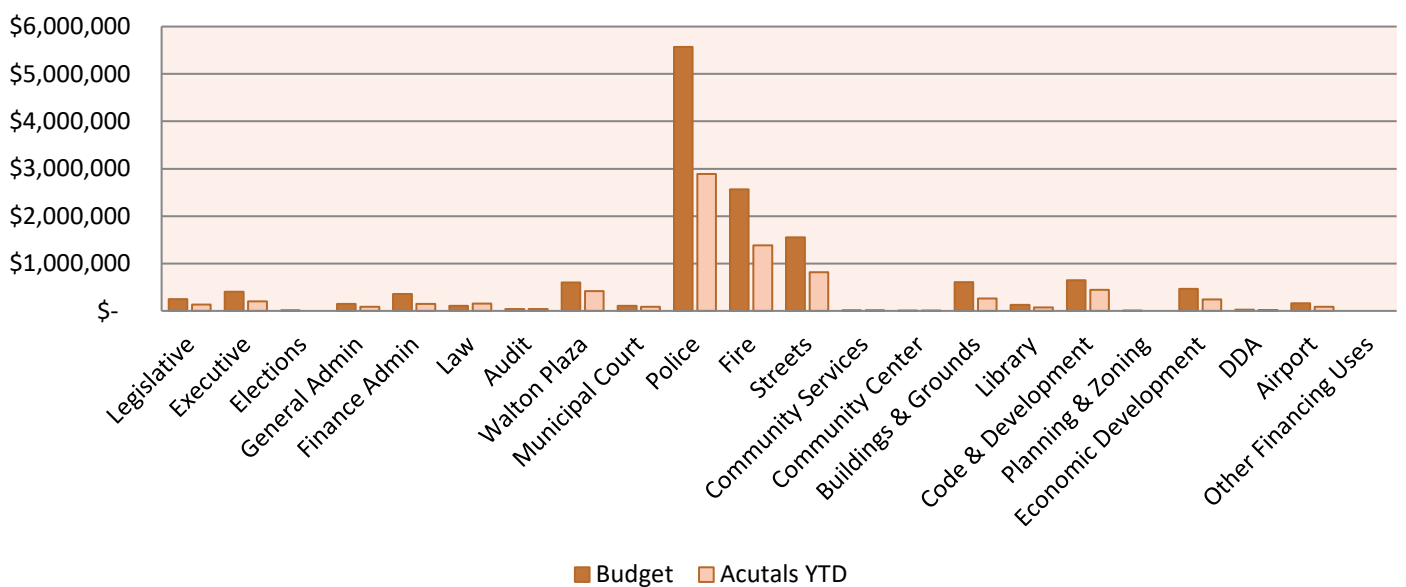
DEP...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Revenue						
1510 - FINANCE ADMIN	11,981,520.54	11,981,520.54	660,833.73	5,037,477.67	-6,944,042.87	57.96 %
1519 - INTERGOVERNMENTAL	109,600.00	109,600.00	0.00	27,923.68	-81,676.32	74.52 %
1565 - WALTON PLAZA	3,308.00	3,308.00	275.63	1,929.41	-1,378.59	41.67 %
2650 - MUNICIPAL COURT	475,000.00	475,000.00	28,346.59	165,776.46	-309,223.54	65.10 %
3200 - POLICE	360,000.00	360,000.00	6,363.96	43,875.19	-316,124.81	87.81 %
3500 - FIRE OPERATIONS	0.00	0.00	7,675.28	33,862.90	33,862.90	0.00 %
3510 - FIRE PREVENTION/CRR	0.00	0.00	0.00	500.00	500.00	0.00 %
4200 - STREETS & TRANSPORTATION	152,098.59	152,098.59	0.00	152,098.59	0.00	0.00 %
5530 - COMMUNITY CENTER	25,000.00	25,000.00	0.00	3,333.34	-21,666.66	86.67 %
7200 - CODE & DEVELOPMENT	390,000.00	428,200.00	15,046.51	366,241.07	-61,958.93	14.47 %
7520 - ECONOMIC DEVELOPMENT & PLANNNG	20,000.00	20,000.00	0.00	8,883.65	-11,116.35	55.58 %
7521 - MAINSTREET	35,000.00	35,000.00	0.00	8,750.00	-26,250.00	75.00 %
7563 - AIRPORT	205,350.00	205,350.00	23,829.22	102,388.48	-102,961.52	50.14 %
Revenue Total:	13,756,877.13	13,795,077.13	742,370.92	5,953,040.44	-7,842,036.69	56.85 %
Expense						
1100 - LEGISLATIVE	250,791.00	250,791.00	30,086.81	134,754.00	116,037.00	46.27 %
1300 - EXECUTIVE	403,555.00	403,555.00	32,619.39	198,073.55	205,481.45	50.92 %
1400 - ELECTIONS	15,300.00	15,300.00	0.00	0.00	15,300.00	100.00 %
1500 - GENERAL ADMIN	145,244.00	145,244.00	11,765.49	84,436.61	60,807.39	41.87 %
1510 - FINANCE ADMIN	355,918.00	355,918.00	19,308.80	150,427.38	205,490.62	57.74 %
1530 - LAW	105,000.00	105,000.00	61,771.68	156,028.87	-51,028.87	-48.60 %
1560 - AUDIT	40,000.00	40,000.00	0.00	39,500.00	500.00	1.25 %
1565 - WALTON PLAZA	596,372.00	596,372.00	120,907.92	419,152.28	177,219.72	29.72 %
2650 - MUNICIPAL COURT	105,625.00	105,625.00	9,043.11	83,874.92	21,750.08	20.59 %
3200 - POLICE	5,571,927.56	5,571,927.56	438,082.01	2,887,951.72	2,683,975.84	48.17 %
3500 - FIRE OPERATIONS	2,467,333.00	2,467,333.00	201,132.30	1,338,381.08	1,128,951.92	45.76 %
3510 - FIRE PREVENTION/CRR	97,948.00	97,948.00	6,658.62	45,154.63	52,793.37	53.90 %
4200 - STREETS & TRANSPORTATION	1,548,926.00	1,548,926.00	131,985.62	813,362.90	735,563.10	47.49 %
5500 - COMMUNITY SERVICES	12,600.00	12,600.00	5,600.00	9,931.00	2,669.00	21.18 %
5530 - COMMUNITY CENTER	5,000.00	5,000.00	618.56	3,927.31	1,072.69	21.45 %
6200 - BLDGS & GROUNDS	607,134.53	607,134.57	25,500.17	261,169.15	345,965.42	56.98 %
6500 - LIBRARIES	124,075.00	124,075.00	254.91	72,763.92	51,311.08	41.35 %
7200 - CODE & DEVELOPMENT	649,658.00	687,858.00	84,847.53	442,451.03	245,406.97	35.68 %
7400 - PLANNING AND ZONING	4,844.00	4,844.00	0.00	0.00	4,844.00	100.00 %
7520 - ECONOMIC DEVELOPMENT & PLANNNG	463,476.00	463,476.00	58,851.79	239,167.17	224,308.83	48.40 %
7550 - DOWNTOWN DEVELOPMENT	25,000.00	25,000.00	27.92	18,871.68	6,128.32	24.51 %
7563 - AIRPORT	161,150.00	161,150.00	34,097.64	83,194.48	77,955.52	48.37 %
Expense Total:	13,756,877.09	13,795,077.13	1,273,160.27	7,482,573.68	6,312,503.45	45.76 %
Report Surplus (Deficit):	0.04	0.00	-530,789.35	-1,529,533.24	-1,529,533.24	0.00 %

General Fund Revenue July YTD Budget Comparison



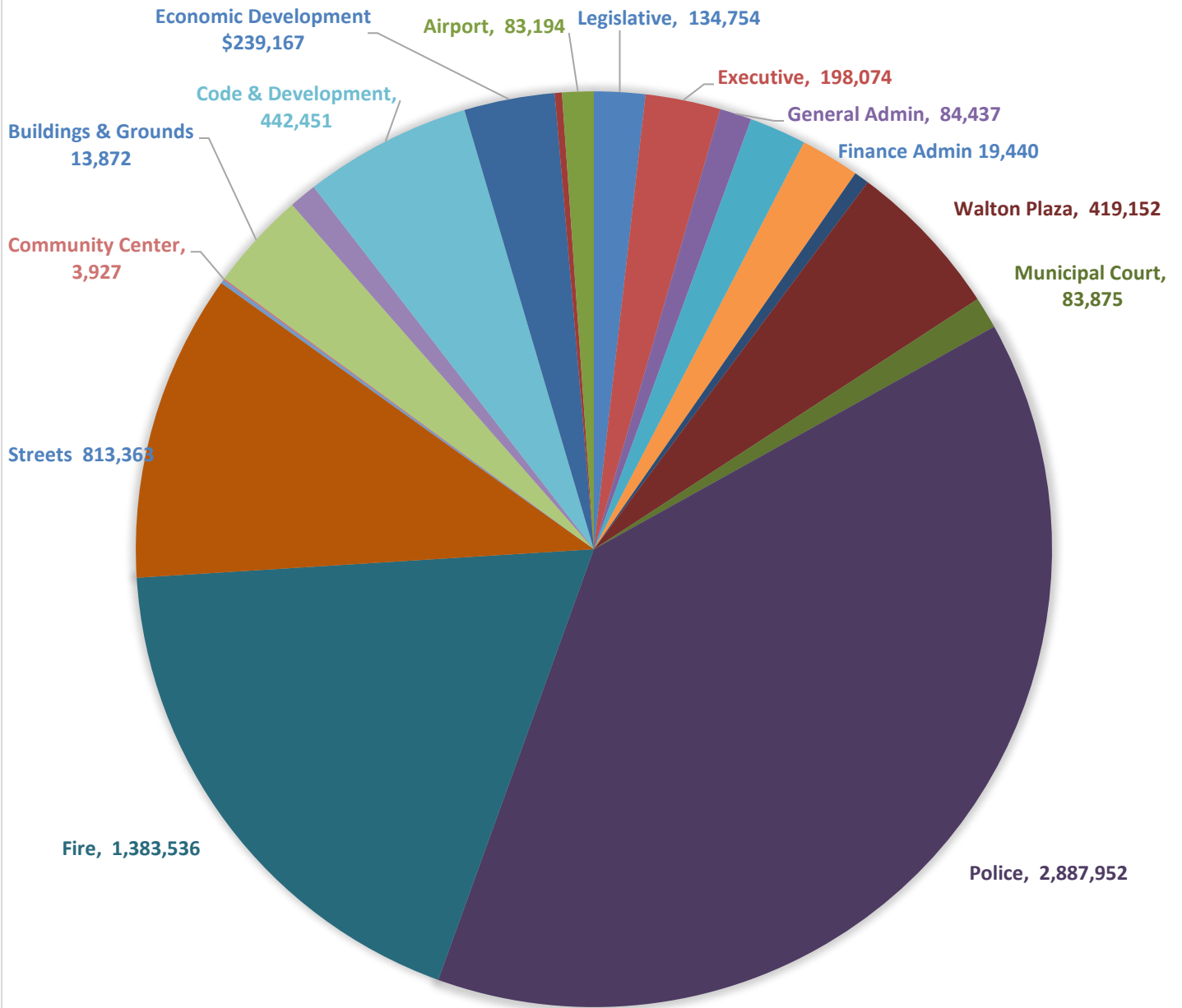
General Fund year-to-date revenues for the month totaled \$5,953,040 which is 43% of total budgeted revenues of \$13,756,877 for 2021. Property Tax & Insurance Premium Tax collections make up @ 37% of total General Fund Revenues, which is not collected until the fourth quarter of each year.

General Fund Expense July YTD Budget Comparison



General Fund year-to-date expenses for the month totaled \$7,482,574 which is 54% of total budgeted expenses of \$13,756,877 for 2021.

GENERAL FUND EXPENSES JULY YTD



Utilities Fund

For Fiscal: 2021 Period Ending: 7/2021



	Original Total Budget	Current Total Budget	Period Activity	YTD July	Assumed Aug-Dec	Projected Year End 2021	Year End 2020
Revenue							
4002 - WATER	6,125,577	6,125,577	627,273	3,415,815	2,514,955	5,930,770	5,732,224
4003 - SEWER	5,524,167	5,524,167	424,880	3,388,129	2,092,359	5,480,488	5,399,910
4005 - GAS	4,072,608	4,072,608	187,516	3,147,207	1,117,139	4,264,346	3,672,382
4006 - GUTA	130,000	130,000	23,135	74,123	74,014	148,137	150,854
4008 - ELECTRIC	20,165,167	20,165,167	1,706,060	11,908,652	9,019,837	20,928,490	19,793,670
4009 - TELECOM & INTERNET	3,424,167	3,424,167	311,966	2,148,766	1,442,186	3,590,952	3,349,923
4010 - CABLE TV	3,934,167	3,934,167	284,396	2,187,309	1,286,664	3,473,974	3,202,263
4012 - UTIL FINANCE				0	165,230	165,231	747,844
Revenue Total:	43,375,851	43,375,851	3,565,225	26,270,002	17,712,385	43,982,387	42,049,070
Expense							
4002 - WATER	6,185,269	6,185,269	482,807	3,272,721	2,272,440	5,545,161	5,087,160
4003 - SEWER	5,354,230	5,354,230	403,511	2,593,059	1,801,325	4,394,384	4,621,536
4004 - STORMWATER	381,765	381,765	27,784	166,016	209,594	375,610	478,837
4005 - GAS	4,262,732	4,262,732	257,150	2,511,353	1,138,822	3,650,175	3,315,782
4006 - GUTA	250,914	250,914	22,187	135,788	124,925	260,712	254,954
4007 - GEN ADMIN WSG	234,745	234,745	18,318	132,351	118,901	251,252	262,683
4008 - ELECTRIC	17,165,182	17,165,182	1,471,824	10,141,263	7,904,911	18,046,173	17,434,007
4009 - TELECOM & INTERNET	3,092,616	3,092,616	236,596	1,601,417	745,780	2,347,198	1,463,544
4010 - CABLE TV	5,457,472	5,457,472	364,787	2,690,706	2,126,810	4,817,517	5,134,676
4011 - GEN ADMIN ELEC/TELECOM	208,412	208,412	16,696	119,997	102,142	222,140	234,656
4012 - UTIL FINANCE	(1,952,223)	(1,952,223)	(236,798)	(1,791,063)	(823,622)	(2,614,685)	(2,936,261)
4013 - UTIL CUST SVC	1,530,403	1,530,403	131,890	926,397	645,228	1,571,626	1,636,811
4014 - UTIL BILLING	477,506	477,506	28,845	270,113	190,894	461,008	480,739
4015 - CENTRAL SERVICES	726,830	726,830	75,948	594,208	436,294	1,030,502	1,024,534
Expense Total:	43,375,851	43,375,851	3,301,546	23,364,326	16,994,445	40,358,771	38,493,658
Report Surplus (Deficit):				2,905,675		3,623,616	3,555,412



Monroe, GA

Utilities Fund
without Capital Expenses

Monthly Budget Report
Group Summary
For Fiscal: 2021 Period Ending: 07/31/2021

ACTIVIT...	July Budget	July Activity	Variance Favorable (Unfavorable)	Percent Remaining	YTD Budget	YTD Activity	Variance Favorable (Unfavorable)	Percent Remaining	Total Budget
Revenue									
4002 - WATER	510,260.53	627,272.92	117,012.39	22.93 %	3,571,823.71	3,415,877.69	-155,946.02	-4.37 %	6,125,576.67
4003 - SEWER	460,163.08	424,880.02	-35,283.06	-7.67 %	3,221,141.56	3,388,192.21	167,050.65	5.19 %	5,524,166.67
4005 - GAS	339,248.21	187,515.83	-151,732.38	-44.73 %	2,374,737.47	3,147,270.22	772,532.75	32.53 %	4,072,607.67
4006 - GUTA	10,829.00	23,135.00	12,306.00	113.64 %	75,803.00	74,123.32	-1,679.68	-2.22 %	130,000.00
4008 - ELECTRIC	1,679,758.38	1,706,059.63	26,301.25	1.57 %	11,758,308.66	11,908,652.54	150,343.88	1.28 %	20,165,166.67
4009 - TELECOM & INTERNET	285,233.08	311,965.55	26,732.47	9.37 %	1,996,631.56	2,148,828.59	152,197.03	7.62 %	3,424,166.67
4010 - CABLE TV	327,716.08	284,396.04	-43,320.04	-13.22 %	2,294,012.56	2,187,372.10	-106,640.46	-4.65 %	3,934,166.67
4012 - UTIL FINANCE	0.00	0.00	0.00	0.00 %	0.00	0.00	0.00	0.00 %	0.00
Total Revenue:	3,613,208.36	3,565,224.99	-47,983.37	-1.33 %	25,292,458.52	26,270,316.67	977,858.15	3.87 %	43,375,851.02
Expense									
4002 - WATER	515,061.93	482,807.23	32,254.70	6.26 %	3,605,053.83	3,272,720.55	332,333.28	9.22 %	6,182,838.83
4003 - SEWER	445,747.22	403,510.91	42,236.31	9.48 %	3,120,230.54	2,593,057.98	527,172.56	16.90 %	5,351,109.98
4004 - STORMWATER	31,610.97	27,783.79	3,827.18	12.11 %	221,839.10	166,015.65	55,823.45	25.16 %	380,997.31
4005 - GAS	355,052.18	257,149.92	97,902.26	27.57 %	2,485,365.26	2,511,353.04	-25,987.78	-1.05 %	4,262,332.21
4006 - GUTA	20,901.09	22,186.90	-1,285.81	-6.15 %	146,307.63	135,787.17	10,520.46	7.19 %	250,914.00
4007 - GEN ADMIN WSG	19,554.22	18,318.14	1,236.08	6.32 %	136,879.54	132,350.30	4,529.24	3.31 %	234,745.00
4008 - ELECTRIC	1,429,859.55	1,471,824.39	-41,964.84	-2.93 %	10,009,016.85	10,141,262.30	-132,245.45	-1.32 %	17,165,181.50
4009 - TELECOM & INTERNET	257,614.82	236,596.40	21,018.42	8.16 %	1,803,303.74	1,601,416.76	201,886.98	11.20 %	3,092,615.50
4010 - CABLE TV	454,607.31	364,787.41	89,819.90	19.76 %	3,182,251.17	2,690,705.58	491,545.59	15.45 %	5,457,471.50
4011 - GEN ADMIN ELEC/TELECOM	17,360.69	16,696.07	664.62	3.83 %	121,524.83	119,997.52	1,527.31	1.26 %	208,412.00
4012 - UTIL FINANCE	-162,620.23	-236,797.66	74,177.43	-45.61 %	-1,138,341.61	-1,791,063.53	652,721.92	-57.34 %	-1,952,223.00
4013 - UTIL CUST SVC	127,482.52	131,889.50	-4,406.98	-3.46 %	892,377.53	926,397.70	-34,020.17	-3.81 %	1,530,402.82
4014 - UTIL BILLING	39,776.23	28,844.80	10,931.43	27.48 %	278,433.61	270,112.37	8,321.24	2.99 %	477,506.00
4015 - CENTRAL SERVICES	60,544.90	75,948.36	-15,403.46	-25.44 %	423,814.30	594,208.46	-170,394.16	-40.20 %	726,830.00
Total Expense:	3,612,553.40	3,301,546.16	311,007.24	8.61 %	25,288,056.32	23,364,321.85	1,923,734.47	7.61 %	43,369,133.65
Report Total:	654.96	263,678.83	263,023.87		4,402.20	2,905,994.82	2,901,592.62		6,717.37



Monroe, GA

Utilities Fund
with Capital Expenses

Income Statement
Group Summary

For Fiscal: 2021 Period Ending: 07/31/2021

ACTIVITY	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Revenue					
4002 - WATER	6,125,576.67	6,125,576.67	627,272.92	3,777,646.19	2,347,930.48
4003 - SEWER	5,524,166.67	5,524,166.67	424,880.02	3,388,192.21	2,135,974.46
4005 - GAS	4,072,607.67	4,072,607.67	187,515.83	3,147,270.22	925,337.45
4006 - GUTA	130,000.00	130,000.00	23,135.00	74,123.32	55,876.68
4008 - ELECTRIC	20,165,166.67	20,165,166.67	1,706,059.63	11,908,652.54	8,256,514.13
4009 - TELECOM & INTERNET	3,424,166.67	3,424,166.67	311,965.55	2,148,828.59	1,275,338.08
4010 - CABLE TV	3,934,166.67	3,934,166.67	284,396.04	2,187,372.10	1,746,794.57
4012 - UTIL FINANCE	0.00	0.00	0.00	0.00	0.00
Revenue Total:	43,375,851.02	43,375,851.02	3,565,224.99	26,632,085.17	16,743,765.85
Expense					
4002 - WATER	6,185,268.51	6,185,268.51	836,214.05	4,662,440.34	1,522,828.17
4003 - SEWER	5,354,229.98	5,354,229.98	419,883.68	3,731,962.12	1,622,267.86
4004 - STORMWATER	381,765.00	381,765.00	158,615.47	355,471.75	26,293.25
4005 - GAS	4,262,732.21	4,262,732.21	293,756.24	3,024,661.29	1,238,070.92
4006 - GUTA	250,914.00	250,914.00	22,206.90	135,847.17	115,066.83
4007 - GEN ADMIN WSG	234,745.00	234,745.00	18,338.14	132,410.30	102,334.70
4008 - ELECTRIC	17,165,181.50	17,165,181.50	1,616,255.47	10,904,908.26	6,260,273.24
4009 - TELECOM & INTERNET	3,092,615.50	3,092,615.50	567,393.44	2,593,961.56	498,653.94
4010 - CABLE TV	5,457,471.50	5,457,471.50	373,974.12	2,704,689.04	2,752,782.46
4011 - GEN ADMIN ELEC/TELECOM	208,412.00	208,412.00	16,762.76	120,217.38	88,194.62
4012 - UTIL FINANCE	-1,952,223.00	-1,952,223.00	-236,797.66	-1,772,764.53	-179,458.47
4013 - UTIL CUST SVC	1,530,402.93	1,530,402.82	131,889.50	926,397.70	604,005.12
4014 - UTIL BILLING	477,506.00	477,506.00	31,164.80	329,108.37	148,397.63
4015 - CENTRAL SERVICES	726,830.00	726,830.00	76,023.36	665,975.67	60,854.33
Expense Total:	43,375,851.13	43,375,851.02	4,325,680.27	28,515,286.42	14,860,564.60
Total Surplus (Deficit):	-0.11	0.00	-760,455.28	-1,883,201.25	

Prior-Year Comparative Income Statement

Group Summary

For the Period Ending 07/31/2021



Monroe, GA

Utilities Fund
with Capital Expenses

ACTIVIT...	2020 July Activity	2021 July Activity	July Variance Favorable / (Unfavorable)	Variance %	2020 YTD Activity	2021 YTD Activity	YTD Variance Favorable / (Unfavorable)	Variance %
Revenue								
4002 - WATER	1,256,760.60	627,272.92	-629,487.68	-50.09%	5,119,744.14	3,777,646.19	-1,342,097.95	-26.21%
4003 - SEWER	474,350.05	424,880.02	-49,470.03	-10.43%	3,290,872.12	3,388,192.21	97,320.09	2.96%
4005 - GAS	173,584.56	187,515.83	13,931.27	8.03%	2,546,905.32	3,147,270.22	600,364.90	23.57%
4006 - GUTA	8,655.00	23,135.00	14,480.00	167.30%	76,840.00	74,123.32	-2,716.68	-3.54%
4008 - ELECTRIC	1,755,018.47	1,706,059.63	-48,958.84	-2.79%	10,711,278.22	11,908,652.54	1,197,374.32	11.18%
4009 - TELECOM & INTERNET	280,064.96	311,965.55	31,900.59	11.39%	1,913,909.94	2,148,828.59	234,918.65	12.27%
4010 - CABLE TV	264,917.61	284,396.04	19,478.43	7.35%	1,898,019.82	2,187,372.10	289,352.28	15.24%
4012 - UTIL FINANCE	100,439.14	0.00	-100,439.14	-100.00%	596,377.90	0.00	-596,377.90	-100.00%
Revenue Total:	4,313,790.39	3,565,224.99	-748,565.40	-17.35%	26,153,947.46	26,632,085.17	478,137.71	1.83%
Expense								
4002 - WATER	1,798,639.61	836,214.05	962,425.56	53.51%	6,158,511.50	4,662,440.34	1,496,071.16	24.29%
4003 - SEWER	575,777.02	419,883.68	155,893.34	27.08%	3,613,896.16	3,731,962.12	-118,065.96	-3.27%
4004 - STORMWATER	63,090.73	158,615.47	-95,524.74	-151.41%	333,227.50	355,471.75	-22,244.25	-6.68%
4005 - GAS	294,380.27	293,756.24	624.03	0.21%	2,293,917.90	3,024,661.29	-730,743.39	-31.86%
4006 - GUTA	17,234.04	22,206.90	-4,972.86	-28.85%	120,614.05	135,847.17	-15,233.12	-12.63%
4007 - GEN ADMIN WSG	19,535.62	18,338.14	1,197.48	6.13%	133,235.71	132,410.30	825.41	0.62%
4008 - ELECTRIC	1,882,018.50	1,616,255.47	265,763.03	14.12%	10,910,531.08	10,904,908.26	5,622.82	0.05%
4009 - TELECOM & INTERNET	121,661.21	567,393.44	-445,732.23	-366.37%	1,080,005.81	2,593,961.56	-1,513,955.75	-140.18%
4010 - CABLE TV	414,667.41	373,974.12	40,693.29	9.81%	2,999,967.30	2,704,689.04	295,278.26	9.84%
4011 - GEN ADMIN ELEC/TELECOM	17,310.76	16,762.76	548.00	3.17%	119,345.50	120,217.38	-871.88	-0.73%
4012 - UTIL FINANCE	-278,736.25	-236,797.66	-41,938.59	-15.05%	-1,794,380.17	-1,772,764.53	-21,615.64	-1.20%
4013 - UTIL CUST SVC	130,090.03	131,889.50	-1,799.47	-1.38%	931,353.46	926,397.70	4,955.76	0.53%
4014 - UTIL BILLING	45,225.10	31,164.80	14,060.30	31.09%	274,823.84	329,108.37	-54,284.53	-19.75%
4015 - CENTRAL SERVICES	103,421.03	76,023.36	27,397.67	26.49%	588,202.78	665,975.67	-77,772.89	-13.22%
Expense Total:	5,204,315.08	4,325,680.27	878,634.81	16.88%	27,763,252.42	28,515,286.42	-752,034.00	-2.71%
Total Surplus (Deficit):	-890,524.69	-760,455.28	130,069.41	14.61%	-1,609,304.96	-1,883,201.25	-273,896.29	-17.02%



Monroe, GA

Utilities Fund
without Capital Expenses

Budget Report
Group Summary

For Fiscal: 2021 Period Ending: 07/31/2021

ACTIVIT...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Revenue						
4002 - WATER	6,125,576.67	6,125,576.67	627,272.92	3,415,877.69	-2,709,698.98	44.24 %
4003 - SEWER	5,524,166.67	5,524,166.67	424,880.02	3,388,192.21	-2,135,974.46	38.67 %
4005 - GAS	4,072,607.67	4,072,607.67	187,515.83	3,147,270.22	-925,337.45	22.72 %
4006 - GUTA	130,000.00	130,000.00	23,135.00	74,123.32	-55,876.68	42.98 %
4008 - ELECTRIC	20,165,166.67	20,165,166.67	1,706,059.63	11,908,652.54	-8,256,514.13	40.94 %
4009 - TELECOM & INTERNET	3,424,166.67	3,424,166.67	311,965.55	2,148,828.59	-1,275,338.08	37.25 %
4010 - CABLE TV	3,934,166.67	3,934,166.67	284,396.04	2,187,372.10	-1,746,794.57	44.40 %
4012 - UTIL FINANCE	0.00	0.00	0.00	0.00	0.00	0.00 %
Revenue Total:	43,375,851.02	43,375,851.02	3,565,224.99	26,270,316.67	-17,105,534.35	39.44 %
Expense						
4002 - WATER	6,185,268.51	6,182,838.83	482,807.23	3,272,720.55	2,910,118.28	47.07 %
4003 - SEWER	5,354,229.98	5,351,109.98	403,510.91	2,593,057.98	2,758,052.00	51.54 %
4004 - STORMWATER	381,765.00	380,997.31	27,783.79	166,015.65	214,981.66	56.43 %
4005 - GAS	4,262,732.21	4,262,332.21	257,149.92	2,511,353.04	1,750,979.17	41.08 %
4006 - GUTA	250,914.00	250,914.00	22,186.90	135,787.17	115,126.83	45.88 %
4007 - GEN ADMIN WSG	234,745.00	234,745.00	18,318.14	132,350.30	102,394.70	43.62 %
4008 - ELECTRIC	17,165,181.50	17,165,181.50	1,471,824.39	10,141,262.30	7,023,919.20	40.92 %
4009 - TELECOM & INTERNET	3,092,615.50	3,092,615.50	236,596.40	1,601,416.76	1,491,198.74	48.22 %
4010 - CABLE TV	5,457,471.50	5,457,471.50	364,787.41	2,690,705.58	2,766,765.92	50.70 %
4011 - GEN ADMIN ELEC/TELECOM	208,412.00	208,412.00	16,696.07	119,997.52	88,414.48	42.42 %
4012 - UTIL FINANCE	-1,952,223.00	-1,952,223.00	-236,797.66	-1,791,063.53	-161,159.47	8.26 %
4013 - UTIL CUST SVC	1,530,402.93	1,530,402.82	131,889.50	926,397.70	604,005.12	39.47 %
4014 - UTIL BILLING	477,506.00	477,506.00	28,844.80	270,112.37	207,393.63	43.43 %
4015 - CENTRAL SERVICES	726,830.00	726,830.00	75,948.36	594,208.46	132,621.54	18.25 %
Expense Total:	43,375,851.13	43,369,133.65	3,301,546.16	23,364,321.85	20,004,811.80	46.13 %
Report Surplus (Deficit):	-0.11	6,717.37	263,678.83	2,905,994.82	2,899,277.45	43,160.90 %



Monroe, GA

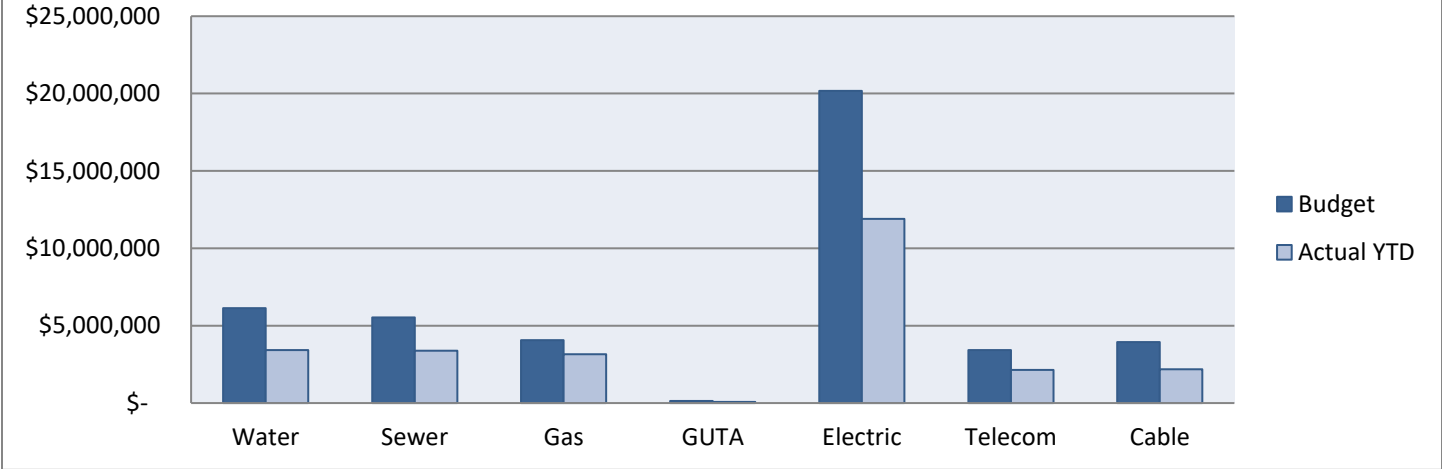
Utilities Fund
Capital Expenses

Budget Report
Group Summary

For Fiscal: 2021 Period Ending: 07/31/2021

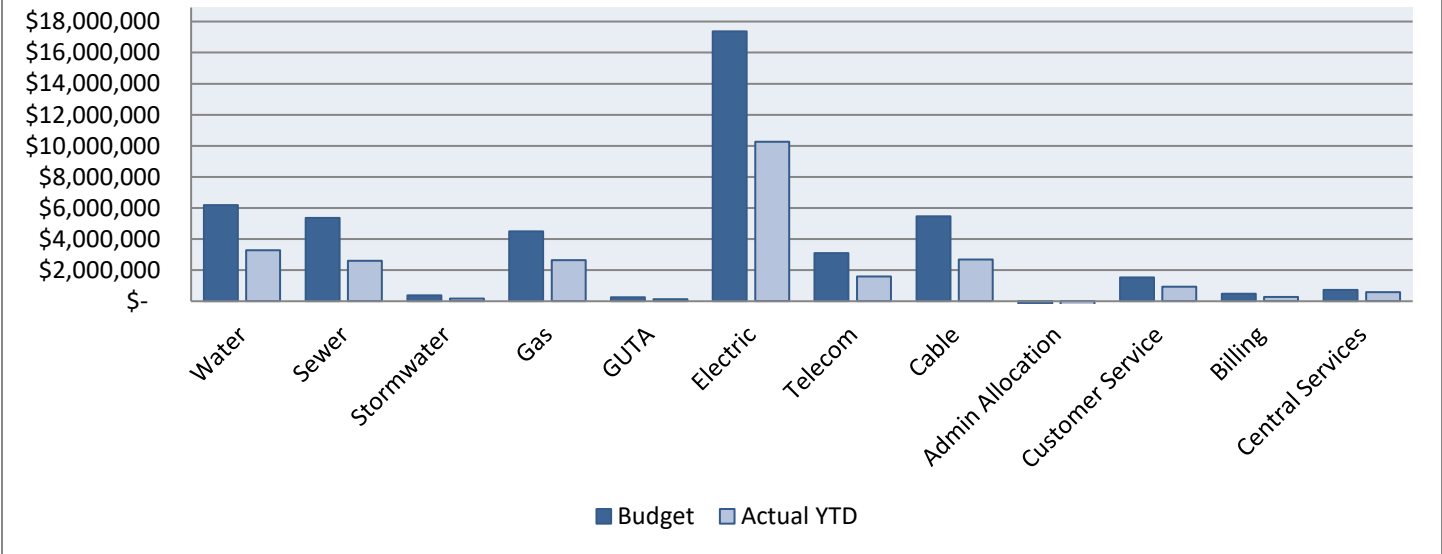
ACTIVIT...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Revenue						
4002 - WATER	0.00	0.00	0.00	361,768.50	361,768.50	0.00 %
4003 - SEWER	0.00	0.00	0.00	0.00	0.00	0.00 %
4005 - GAS	0.00	0.00	0.00	0.00	0.00	0.00 %
4008 - ELECTRIC	0.00	0.00	0.00	0.00	0.00	0.00 %
4009 - TELECOM & INTERNET	0.00	0.00	0.00	0.00	0.00	0.00 %
4010 - CABLE TV	0.00	0.00	0.00	0.00	0.00	0.00 %
4015 - CENTRAL SERVICES	0.00	0.00	0.00	0.00	0.00	0.00 %
Revenue Total:	0.00	0.00	0.00	361,768.50	361,768.50	0.00 %
Expense						
4002 - WATER	0.00	0.00	353,100.33	1,388,734.46	-1,388,734.46	0.00 %
4003 - SEWER	0.00	0.00	15,956.28	1,137,697.30	-1,137,697.30	0.00 %
4004 - STORMWATER	0.00	0.00	130,413.42	189,020.62	-189,020.62	0.00 %
4005 - GAS	0.00	0.00	36,606.32	512,928.56	-512,928.56	0.00 %
4006 - GUTA	0.00	0.00	0.00	0.00	0.00	0.00 %
4008 - ELECTRIC	0.00	0.00	144,431.08	763,645.96	-763,645.96	0.00 %
4009 - TELECOM & INTERNET	0.00	0.00	330,755.42	992,423.18	-992,423.18	0.00 %
4010 - CABLE TV	0.00	0.00	9,126.71	13,803.46	-13,803.46	0.00 %
4012 - UTIL FINANCE	0.00	0.00	0.00	18,299.00	-18,299.00	0.00 %
4013 - UTIL CUST SVC	0.00	0.00	0.00	0.00	0.00	0.00 %
4014 - UTIL BILLING	0.00	0.00	2,280.00	58,876.00	-58,876.00	0.00 %
4015 - CENTRAL SERVICES	0.00	0.00	0.00	0.00	0.00	0.00 %
Expense Total:	0.00	0.00	1,022,669.56	5,075,428.54	-5,075,428.54	0.00 %
Report Surplus (Deficit):	0.00	0.00	-1,022,669.56	-4,713,660.04	-4,713,660.04	0.00 %

Utilities Revenue July YTD Budget Comparison



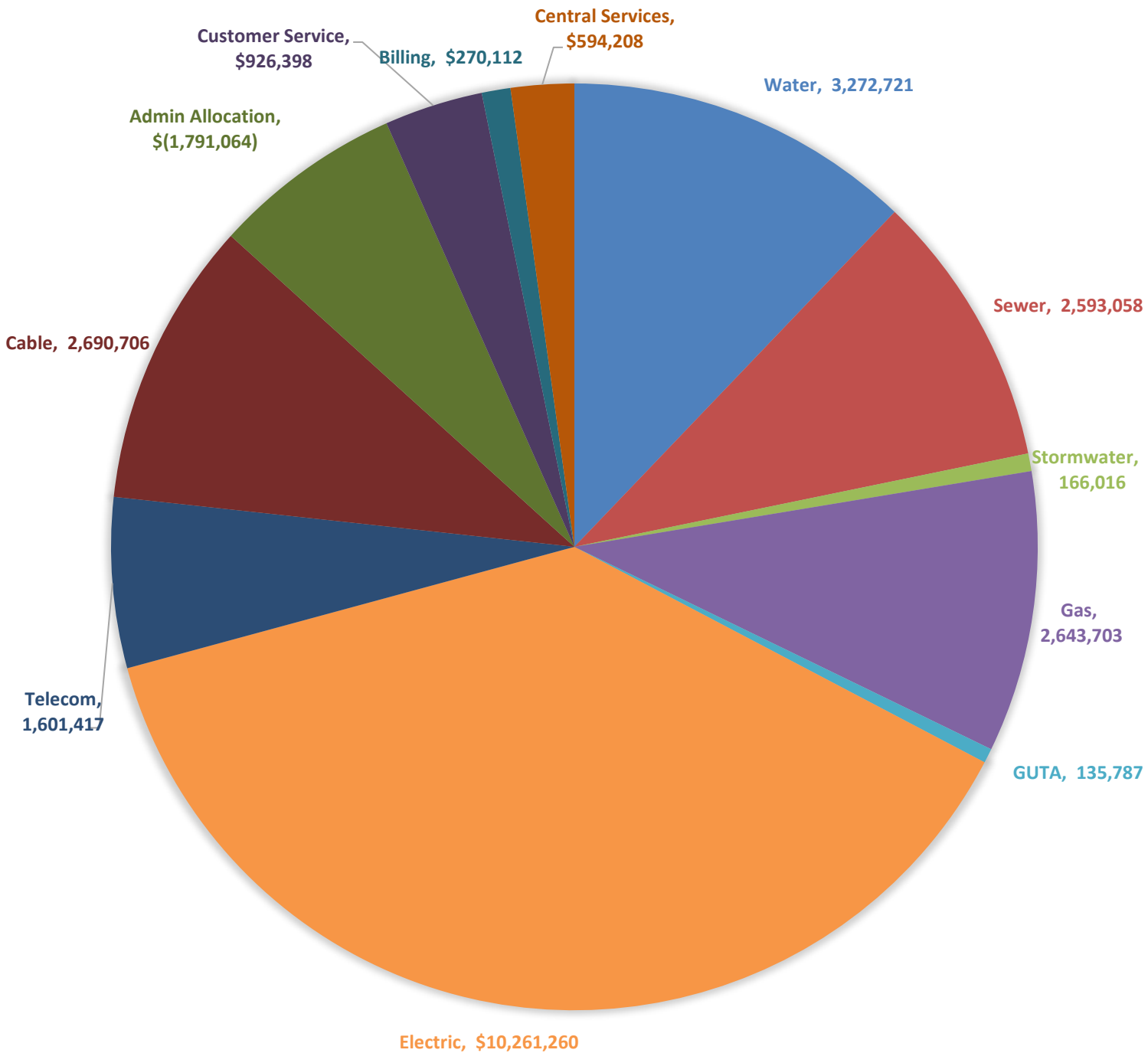
Utility Fund year-to-date revenues for the month totaled \$26,270,317 which is 60.6% of total budgeted revenues of \$43,375,851 for 2021.

Utilities Expense July YTD Budget Comparison



Utility Fund year-to-date expenses for the month totaled \$23,364,322 (excluding capital expense) which is 53.8% of total budgeted expenses of \$43,375,851 for 2021. Year-to-date capital expense totaled \$5,075,429 with \$361,769 in contributed capital revenue received.

UTILITIES EXPENSES JULY YTD





Solid Waste Fund

For Fiscal: 2021 Period Ending: 7/2021

	Original Total Budget	Current Total Budget	Period Activity	YTD July	Assumed Aug-Dec	Projected Year End 2021	Year End 2020
Revenue							
4520 - SOLID WASTE COLLECTION	2,163,000	2,163,000	200,119	1,642,739	1,107,377	2,750,116	2,725,136
4530 - SOLID WASTE DISPOSAL	3,316,318	3,316,318	331,195	2,288,792	1,324,346	3,613,137	3,783,831
4540 - RECYCLABLES COLLECTION	32,000	32,000	3,320	15,716	11,964	27,680	51,212
Revenue Total:	5,511,318	5,511,318	534,633	3,947,247	2,443,686	6,390,933	6,560,179
Expense							
4500 - SOLID WASTE & RECYCLING	-	-		-	-	-	-
4510 - SOLID WASTE ADMINISTRATION	390,397	390,397	27,318	185,093	152,223	337,316	339,504
4520 - SOLID WASTE COLLECTION	1,099,070	1,099,070	88,148	672,960	542,579	1,215,539	1,285,294
4530 - SOLID WASTE DISPOSAL	2,953,379	2,953,379	327,836	1,908,455	1,645,857	3,554,311	3,715,227
4540 - RECYCLABLES COLLECTION	167,414	167,414	18,690	127,944	73,423	201,367	125,091
4585 - YARD TRIMMINGS COLLECTION	294,813	294,813	23,544	148,685	129,805	278,490	298,127
9003 - SW - OTHER FINANCING USES	606,245	606,245	32,078	220,920	154,394	375,314	365,216
Expense Total:	5,511,318	5,511,318	517,615	3,264,056	2,698,280	5,962,337	6,128,459
Report Surplus (Deficit):				683,191		428,597	431,720



Monroe, GA

Solid Waste Fund
without Capital Expenses

Monthly Budget Report
Group Summary
For Fiscal: 2021 Period Ending: 07/31/2021

DEP...	July Budget	July Activity	Variance Favorable (Unfavorable)	Percent Remaining	YTD Budget	YTD Activity	Variance Favorable (Unfavorable)	Percent Remaining	Total Budget
Revenue									
4520 - SOLID WASTE COLLECTION	180,177.90	200,118.92	19,941.02	11.07 %	1,261,245.30	1,642,739.58	381,494.28	30.25 %	2,163,000.00
4530 - SOLID WASTE DISPOSAL	276,249.28	331,194.50	54,945.22	19.89 %	1,933,744.96	2,288,791.87	355,046.91	18.36 %	3,316,318.00
4540 - RECYCLABLES COLLECTION	2,665.60	3,319.71	654.11	24.54 %	18,659.20	15,717.31	-2,941.89	-15.77 %	32,000.00
Total Revenue:	459,092.78	534,633.13	75,540.35	16.45 %	3,213,649.46	3,947,248.76	733,599.30	22.83 %	5,511,318.00
Expense									
4510 - SOLID WASTE ADMINISTRATION	33,714.03	27,317.75	6,396.28	18.97 %	228,834.21	185,093.53	43,740.68	19.11 %	391,591.00
4520 - SOLID WASTE COLLECTION	91,552.52	88,148.48	3,404.04	3.72 %	640,867.48	672,960.04	-32,092.56	-5.01 %	1,099,070.02
4530 - SOLID WASTE DISPOSAL	246,016.43	327,836.18	-81,819.75	-33.26 %	1,722,115.01	1,908,454.11	-186,339.10	-10.82 %	2,953,379.00
4540 - RECYCLABLES COLLECTION	13,945.53	18,689.92	-4,744.39	-34.02 %	97,618.71	127,943.33	-30,324.62	-31.06 %	167,414.00
4585 - YARD TRIMMINGS COLLECTION	24,557.89	23,544.49	1,013.40	4.13 %	171,905.23	148,683.97	23,221.26	13.51 %	294,813.00
9003 - SW - OTHER FINANCING USES	50,500.19	32,078.05	18,422.14	36.48 %	353,501.33	220,919.43	132,581.90	37.51 %	606,244.98
Total Expense:	460,286.59	517,614.87	-57,328.28	-12.45 %	3,214,841.97	3,264,054.41	-49,212.44	-1.53 %	5,512,512.00
Report Total:	-1,193.81	17,018.26	18,212.07		-1,192.51	683,194.35	684,386.86		-1,194.00



Monroe, GA

Solid Waste Fund
with Capital Expenses

Income Statement
Group Summary

For Fiscal: 2021 Period Ending: 07/31/2021

DEPT	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Revenue					
4520 - SOLID WASTE COLLECTION	2,163,000.00	2,163,000.00	200,118.92	1,672,867.08	490,132.92
4530 - SOLID WASTE DISPOSAL	3,316,318.00	3,316,318.00	331,194.50	2,288,791.87	1,027,526.13
4540 - RECYCLABLES COLLECTION	32,000.00	32,000.00	3,319.71	15,717.31	16,282.69
4585 - YARD TRIMMINGS COLLECTION	0.00	0.00	0.00	1,774.80	-1,774.80
Revenue Total:	5,511,318.00	5,511,318.00	534,633.13	3,979,151.06	1,532,166.94
Expense					
4510 - SOLID WASTE ADMINISTRATION	390,397.00	390,397.00	30,247.75	188,104.93	202,292.07
4520 - SOLID WASTE COLLECTION	1,099,070.18	1,099,070.02	88,148.48	672,960.04	426,109.98
4530 - SOLID WASTE DISPOSAL	2,953,379.00	2,953,379.00	346,462.45	2,089,594.17	863,784.83
4540 - RECYCLABLES COLLECTION	167,414.00	167,414.00	18,699.92	127,973.33	39,440.67
4585 - YARD TRIMMINGS COLLECTION	294,813.00	294,813.00	23,544.49	148,683.97	146,129.03
9003 - SW - OTHER FINANCING USES	606,244.98	606,244.98	32,078.05	220,919.43	385,325.55
Expense Total:	5,511,318.16	5,511,318.00	539,181.14	3,448,235.87	2,063,082.13
Total Surplus (Deficit):	-0.16	0.00	-4,548.01	530,915.19	

Prior-Year Comparative Income Statement

Group Summary

For the Period Ending 07/31/2021



Monroe, GA

Solid Waste Fund
with Capital Expenses

DEP...	2020 July Activity	2021 July Activity	July Variance Favorable / (Unfavorable)	Variance %	2020 YTD Activity	2021 YTD Activity	YTD Variance Favorable / (Unfavorable)	Variance %
Revenue								
4520 - SOLID WASTE COLLECTION	189,278.71	200,118.92	10,840.21	5.73%	1,281,103.68	1,672,867.08	391,763.40	30.58%
4530 - SOLID WASTE DISPOSAL	313,913.10	331,194.50	17,281.40	5.51%	2,131,213.48	2,288,791.87	157,578.39	7.39%
4540 - RECYCLABLES COLLECTION	4,488.52	3,319.71	-1,168.81	-26.04%	39,247.87	15,717.31	-23,530.56	-59.95%
4585 - YARD TRIMMINGS COLLECTION	0.00	0.00	0.00	0.00%	0.00	1,774.80	1,774.80	0.00%
Revenue Total:	507,680.33	534,633.13	26,952.80	5.31%	3,451,565.03	3,979,151.06	527,586.03	15.29%
Expense								
4510 - SOLID WASTE ADMINISTRATION	25,401.08	30,247.75	-4,846.67	-19.08%	187,249.58	188,104.93	-855.35	-0.46%
4520 - SOLID WASTE COLLECTION	148,524.32	88,148.48	60,375.84	40.65%	712,316.44	672,960.04	39,356.40	5.53%
4530 - SOLID WASTE DISPOSAL	568,650.31	346,462.45	222,187.86	39.07%	1,895,588.43	2,089,594.17	-194,005.74	-10.23%
4540 - RECYCLABLES COLLECTION	6,397.71	18,699.92	-12,302.21	-192.29%	45,769.29	127,973.33	-82,204.04	-179.61%
4585 - YARD TRIMMINGS COLLECTION	22,967.38	23,544.49	-577.11	-2.51%	152,738.06	148,683.97	4,054.09	2.65%
9003 - SW - OTHER FINANCING USES	30,460.88	32,078.05	-1,617.17	-5.31%	210,821.91	220,919.43	-10,097.52	-4.79%
Expense Total:	802,401.68	539,181.14	263,220.54	32.80%	3,204,483.71	3,448,235.87	-243,752.16	-7.61%
Total Surplus (Deficit):	-294,721.35	-4,548.01	290,173.34	98.46%	247,081.32	530,915.19	283,833.87	114.87%



Monroe, GA

Solid Waste Fund
without Capital Expenses

Budget Report
Group Summary

For Fiscal: 2021 Period Ending: 07/31/2021

DEP...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Revenue						
4510 - SOLID WASTE ADMINISTRATION	0.00	0.00	0.00	0.00	0.00	0.00 %
4520 - SOLID WASTE COLLECTION	2,163,000.00	2,163,000.00	200,118.92	1,642,739.58	-520,260.42	24.05 %
4530 - SOLID WASTE DISPOSAL	3,316,318.00	3,316,318.00	331,194.50	2,288,791.87	-1,027,526.13	30.98 %
4540 - RECYCLABLES COLLECTION	32,000.00	32,000.00	3,319.71	15,717.31	-16,282.69	50.88 %
Revenue Total:	5,511,318.00	5,511,318.00	534,633.13	3,947,248.76	-1,564,069.24	28.38 %
Expense						
4500 - SOLID WASTE & RECYCLING	0.00	0.00	0.00	0.00	0.00	0.00 %
4510 - SOLID WASTE ADMINISTRATION	390,397.00	391,591.00	27,317.75	185,093.53	206,497.47	52.73 %
4520 - SOLID WASTE COLLECTION	1,099,070.18	1,099,070.02	88,148.48	672,960.04	426,109.98	38.77 %
4530 - SOLID WASTE DISPOSAL	2,953,379.00	2,953,379.00	327,836.18	1,908,454.11	1,044,924.89	35.38 %
4540 - RECYCLABLES COLLECTION	167,414.00	167,414.00	18,689.92	127,943.33	39,470.67	23.58 %
4580 - PUBLIC EDUCATION	0.00	0.00	0.00	0.00	0.00	0.00 %
4585 - YARD TRIMMINGS COLLECTION	294,813.00	294,813.00	23,544.49	148,683.97	146,129.03	49.57 %
9003 - SW - OTHER FINANCING USES	606,244.98	606,244.98	32,078.05	220,919.43	385,325.55	63.56 %
Expense Total:	5,511,318.16	5,512,512.00	517,614.87	3,264,054.41	2,248,457.59	40.79 %
Report Surplus (Deficit):	-0.16	-1,194.00	17,018.26	683,194.35	684,388.35	57,318.96 %



Monroe, GA

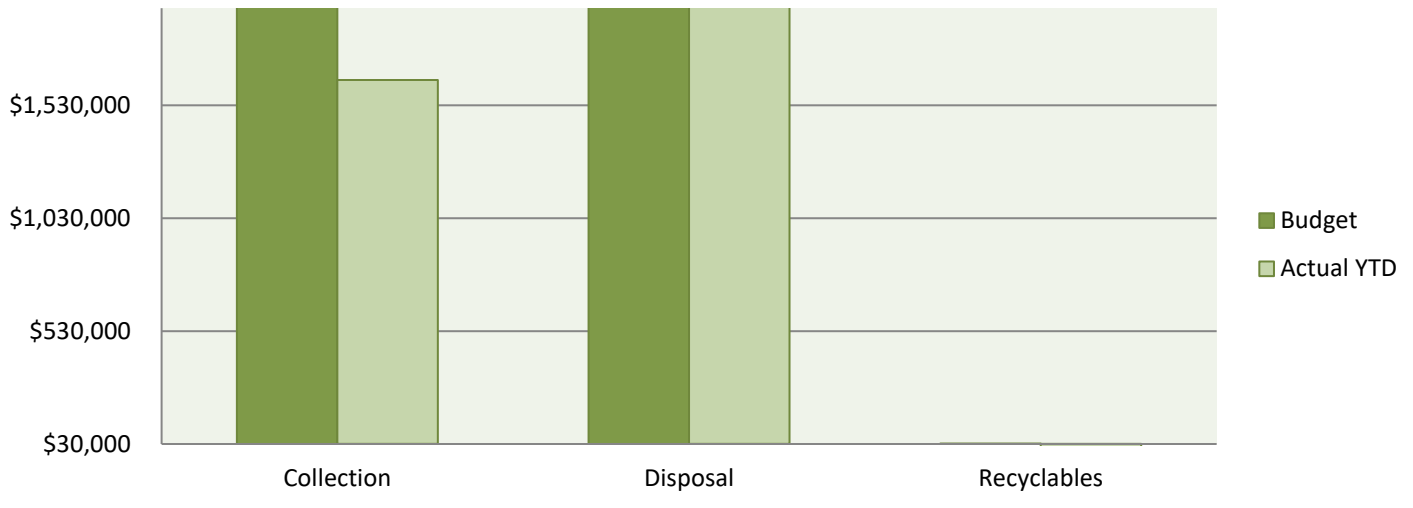
Solid Waste Fund
Capital Expenses

Budget Report
Group Summary

For Fiscal: 2021 Period Ending: 07/31/2021

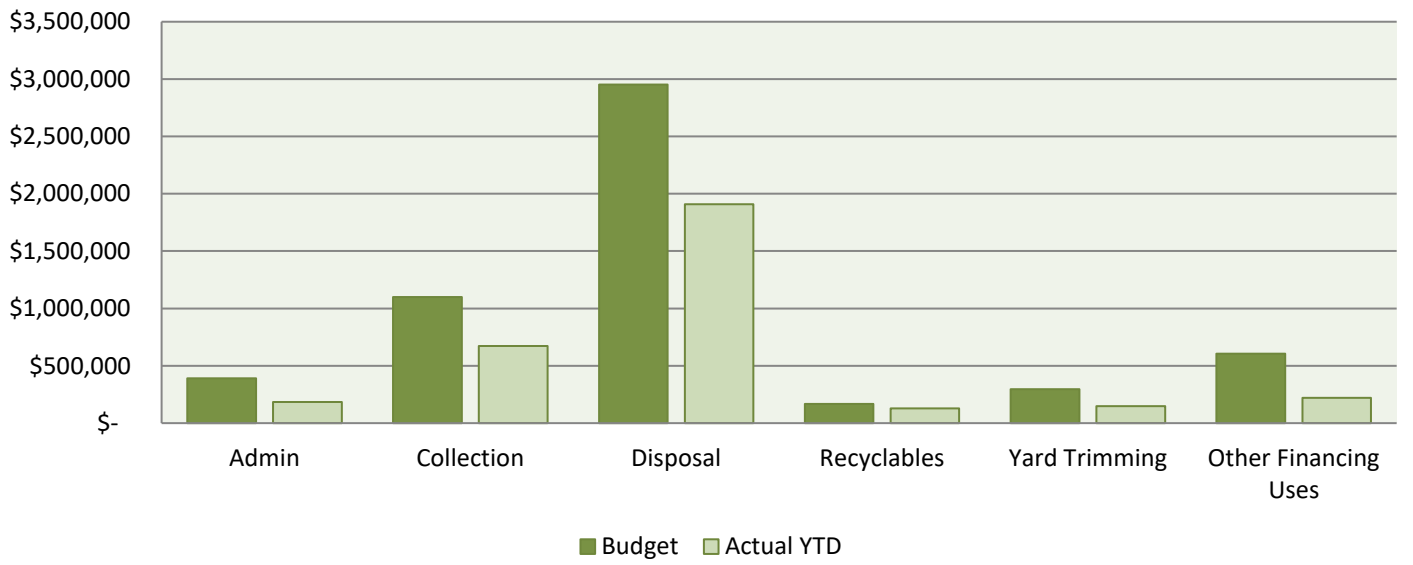
DEP...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
Expense						
4530 - SOLID WASTE DISPOSAL	0.00	0.00	18,606.27	181,080.06	-181,080.06	0.00 %
Expense Total:	0.00	0.00	18,606.27	181,080.06	-181,080.06	0.00 %
Report Total:	0.00	0.00	18,606.27	181,080.06	-181,080.06	0.00 %

Solid Waste Revenue July YTD Budget Comparison



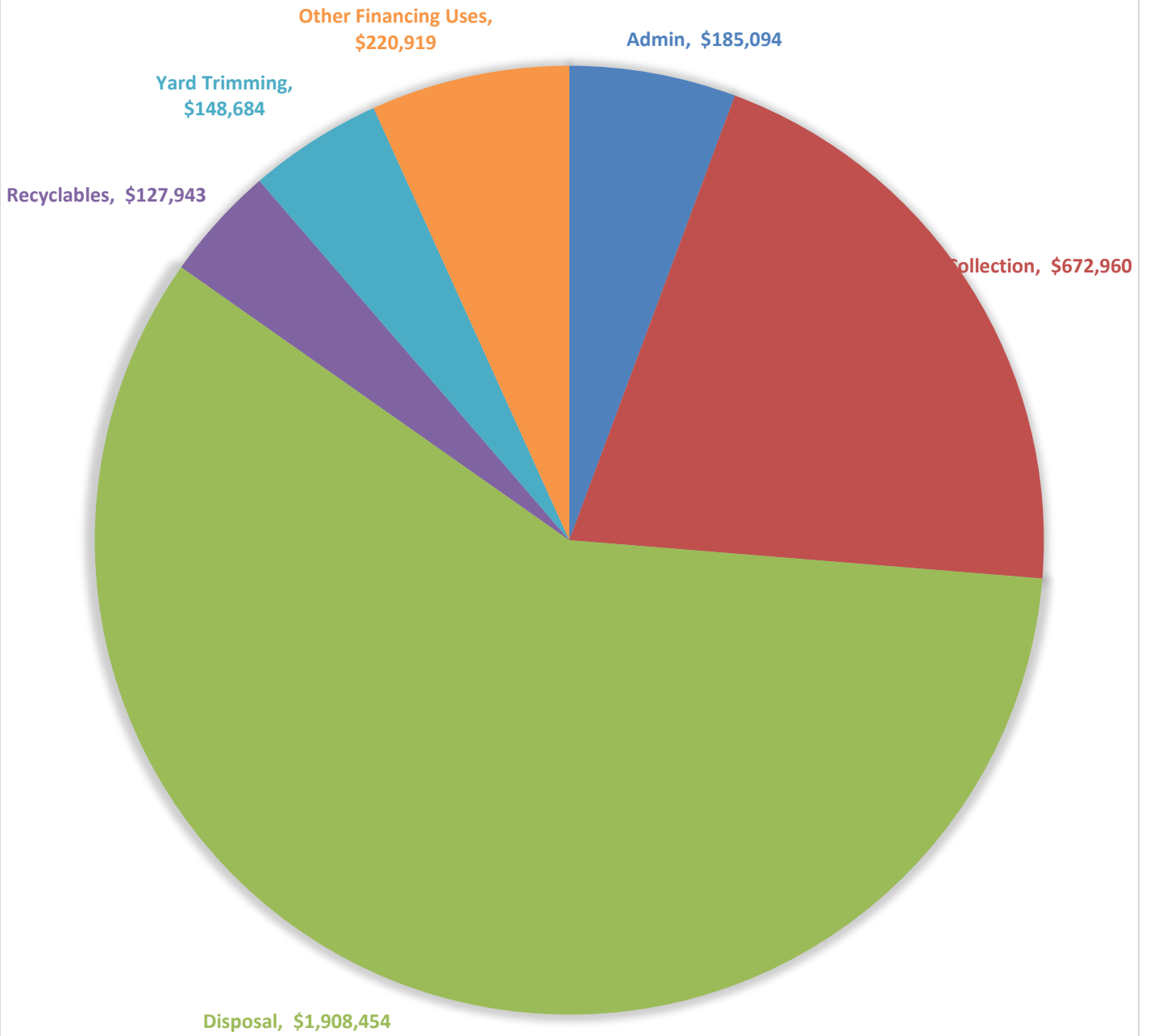
Solid Waste year-to-date revenues for the month totaled \$3,947,249. This is 71.6% of total budgeted revenues of \$5,511,318 for the year.

Solid Waste Expense July YTD Budget Comparison



Solid Waste year-to-date expenses for the month totaled \$3,264,054 (excluding capital expense) which is 59.2% of total budgeted expenses \$5,511,318 for 2021. Year-to-date capital expenses total \$181,080.

SOLID WASTE EXPENSES JULY YTD



Performance Indicators	Jul-21	Jun-21	May-21	Apr-21	Mar-21	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20
Utilities													
Electric Customers	6,720	6,717	6,718	6,693	6,712	6,703	6,645	6,647	6,663	6,600	6,556	6,527	6,523
Natural Gas Customers	4,100	4,087	4,082	4,067	4,056	4,037	4,021	3,997	3,983	3,973	3,954	3,942	3,935
Water Customers	10,385	10,374	10,315	10,270	10,250	10,192	10,138	10,128	10,132	10,049	9,984	9,947	9,985
Wastewater Customers	7,553	7,531	7,502	7,489	7,491	7,454	7,418	7,427	7,425	7,378	7,355	7,323	7,236
Cable TV Customers	2,311	2,357	2,404	2,491	2,595	2,695	2,758	2,820	2,885	2,904	2,937	2,956	2,976
Digital Cable Customers	175	180	179	179	182	168	186	186	188	193	192	194	192
Internet Customers	4,146	4,152	4,156	4,138	4,138	4,117	4,085	4,107	4,071	4,073	4,084	4,033	4,012
Residential Phone Customers	781	790	799	807	815	817	828	838	843	846	848	846	847
Commercial Phone Customers	285	282	285	285	290	283	281	283	285	286	290	279	282
Fiber Customers	188	185	178	163	157	148	132	124	120	116	118	113	114
Work Orders Generated													
Utilities													
Connects	303	289	194	204	273	229	248	232	270	354	371	279	340
Cutoff for Non-Payment	84	73	52	91	77	75	33	56	88	97	100	93	78
Electric Work Orders	93	72	92	106	97	67	76	108	95	163	188	132	163
Water Work Orders	136	180	125	144	170	136	177	166	133	173	170	153	271
Natural Gas Work Orders	30	44	24	51	48	57	55	66	34	41	41	32	79
Disconnects	193	212	175	179	226	190	183	153	161	213	179	188	183
Telecomm Work Orders	190	243	214	270	335	279	307	279	220	310	265	313	291
Stormwater Work Orders	1	3	3	2	-	-	-	-	-	2	-	1	2
Billing/Collections													
Utilities													
Utility Revenue Billed	\$ 3,614,654	\$ 3,270,643	\$ 3,394,195	\$ 3,473,239	\$ 4,333,887	\$ 3,955,624	\$ 3,398,911	\$ 3,374,126	\$ 3,057,618	\$ 3,590,360	\$ 3,960,880	\$ 3,780,877	\$ 3,568,674
Utility Revenue Collected	\$ 3,436,861	\$ 3,088,986	\$ 3,242,432	\$ 3,915,994	\$ 4,422,789	\$ 3,981,237	\$ 3,423,364	\$ 3,346,521	\$ 2,883,034	\$ 3,376,520	\$ 3,819,655	\$ 3,744,579	\$ 3,565,811
Amount Written Off for Bad Debt	\$ 28,294	\$ 21,531	\$ 22,231	\$ 14,213	\$ 16,399	\$ 24,772	\$ 24,813	\$ 35,896	\$ 21,509	\$ 5,751	\$ 45,860	\$ 82,126	
Extensions													
Utilities													
Extensions Requested	497	548	416	445	495	574	559	548	579	636	565	564	533
Extensions Pending	167	23	74	174	143	262	176	110	52	240	244	239	173
Extensions Defaulted	34	33	28	28	28	21	28	15	34	33	14	16	22
Extensions Paid per Agreement	877	909	758	451	628	575	530	389	837	663	546	482	338
Percentage of Extensions Paid	93%	94%	93%	94%	94%	96%	95%	97%	94%	95%	98%	97%	96%
Taxes													
Admin Support													
Property Tax Collected	\$ 4,716	\$ 4,444	\$ 3,947	\$ 6,957	\$ 17,571	\$ 146,807	\$ 165,982	\$ 2,257,379	\$ 539,206	\$ 191,037	\$ 3,308	\$ 5,673	\$ 6,368
Accounting													
Payroll & Benefits													
Payroll Checks issued	-	-	-	-	-	-	-	1	1	-	5	2	1
Direct Deposit Advices	659	692	653	961	634	637	638	650	763	959	642	637	681
General Ledger													
Accounts Payable Checks Issued	285	342	308	268	312	247	288	269	264	253	292	267	315
Accounts Payable Invoices Entered	378	431	411	359	423	342	392	347	368	329	368	349	392
Journal Entries Processed	115	104	96	112	93	96	105	300	275	256	114	138	132
Miscellaneous Receipts	341	321	290	241	372	307	190	254	248	278	256	301	293
Utility Deposit Refunds Processed	31	45	34	40	38	30	24	40	33	38	40	33	44
Local Option Sales Tax	\$ 257,809	\$ 260,738	\$ 262,466	\$ 247,131	\$ 223,376	\$ 213,951	\$ 260,666	\$ 214,924	\$ 214,380	\$ 213,603	\$ 408,610	\$ 213,666	\$ 230,569
Special Local Option Sales Tax - 2019		229,701	232,327	233,864	220,200	199,034	190,635	232,247	191,506	191,008	190,315	364,081	194,642
Payroll & Benefits													

Performance Indicators	Jul-21	Jun-21	May-21	Apr-21	Mar-21	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20
Filled Positions	245	243	243	250	249	244	241	242	240	239	234	233	236
Vacancies	9	11	11	5	6	10	13	16	18	19	24	25	22
Unfunded Positions	38	38	38	38	38	38	38	38	38	38	38	38	38
Airport													
Airport													
Airport Fuel Sales - Gallons	3,676	3,287	2,175	593	3,035	2,772	2,661	2,875	3,751	4,291	3,996	3,242	2,829
Fuel Sales - Revenue	16,136	14,102	9,330	2,543	11,391	9,675	9,285	10,032	13,091	14,977	13,546	10,992	9,590



From: Les Russell, Director of Human Resources

Department: City-wide

Date: 9/07/2021 for Finance & HR Committee

Description: Personal Health Assessment (PHA) and Wellness Credits Tiered Program for 2022

Budget Account/Project Name: n/a

Funding Source: 2022 operating budgets: city-wide

Budget Allocation: \$0 Combined Estimate of: Employer and Employee share

Budget Available: \$0

Requested Expense: \$0 Company of Purchase: MSI Benefits

Recommendation:

Staff recommends that the City Council APPROVE the 2022 PHA and Wellness Credits Tiered Program for 2022.

Background:

The City of Monroe has had in place since 2018 a biometric wellness program that rewards employees by reaching certain wellness milestones, by lowering the deductible that would be required of the insured in the health plan year.

Currently the program is designed to only reward those who meet the guidelines established by the National Institute of Health to determine healthy lifestyle.

While this program has been successful in rewarding behavior and encouraging employees to manage their personal wellness, for many others the goal seems a bridge too far.

To address this, the recommendation is that we expand this program and introduce a second tier of goals, that might encourage a more stepped approach to wellness. To accomplish this step will be adding new benchmarks that are lower than the current guidelines with smaller credits, but which will encourage movement toward wellness.

Additionally, to assist with incentivizing employees to get the COVID19 vaccine, we will be offering an additional credit for getting the COVID vaccine. To satisfy this requirement, employees will need to show proof of complete vaccination by December 1, 2021.

The incentive for capturing all wellness credits for the 2022 medical plan year is significant in that the employee will have a \$0 deductible.

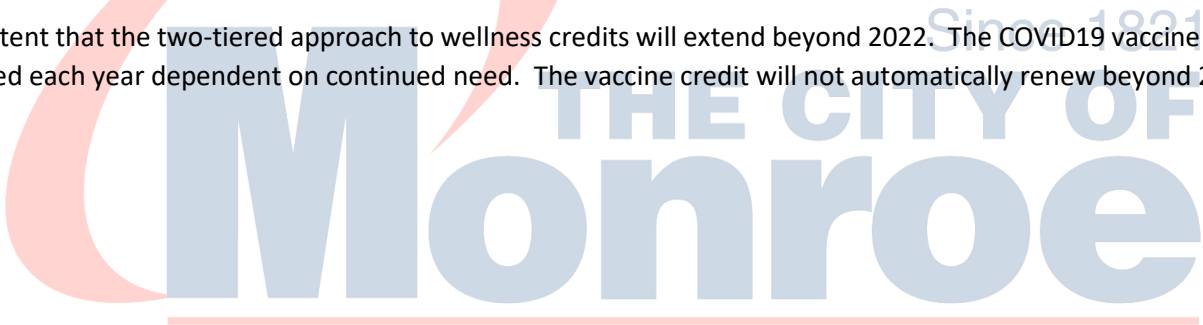
The table of benchmarks and credits are listed below. Base deductible without credits is \$1750:

Wellness Deductibles for 2022

Biometric	Target Range	Credit	Low Threshold	Credit
BMI	30 or lower	\$250	35 or lower	\$100
B/P	130/80	\$250	140/90	\$100
Cholesterol Ratio	Lower than 3.5	\$250	Lower than 5.0	\$100
Non-Tobacco Use	No Use	\$500	No Use	\$500
COVID Vaccine	Full by 12/1/2021	\$500	Full by 12/1/2021	\$500
Total Credit Allowed		\$1750		\$1300

Employees will be able to gain a credit based on the threshold achieved for each of the biometrics tested. We have an agreement with Piedmont Walton to provide the Personal Health Assessments at city hall during the months of September and October for a total cost of \$25 per employee tested. The schedule is to be announced.

It is the intent that the two-tiered approach to wellness credits will extend beyond 2022. The COVID19 vaccine credit will be revisited each year dependent on continued need. The vaccine credit will not automatically renew beyond 2022.



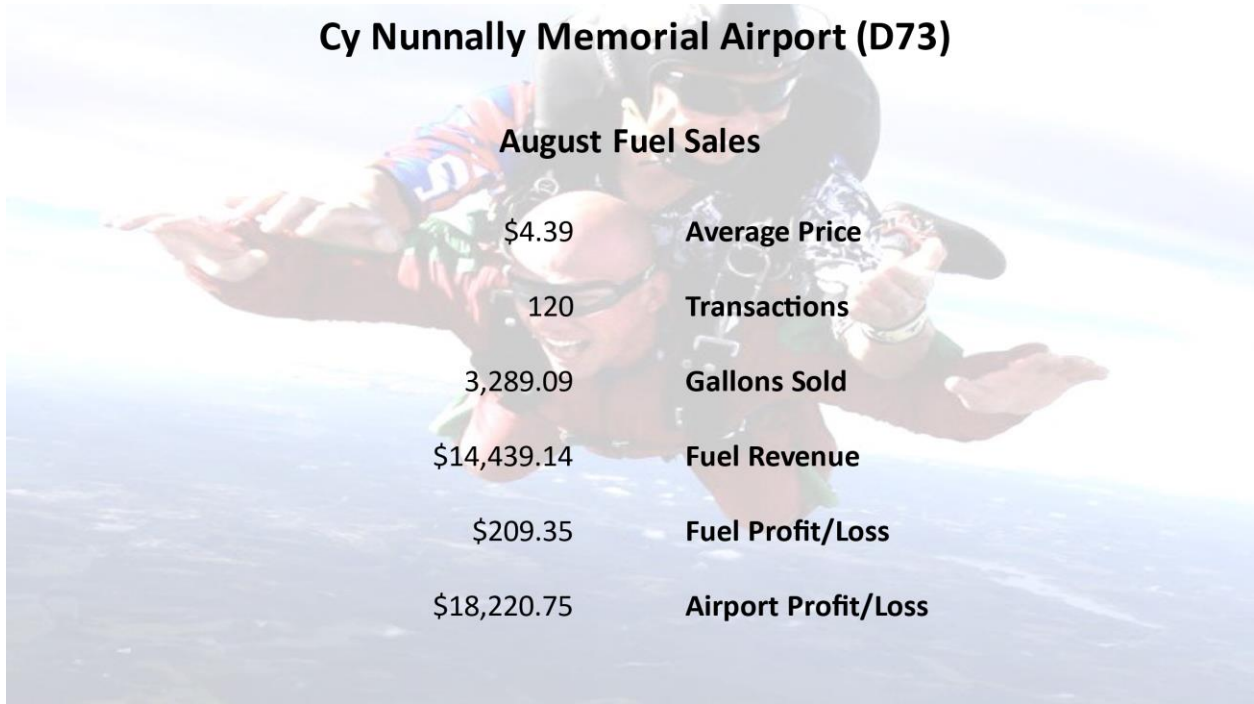
AIRPORT

MONTHLY REPORT

SEPTEMBER 2021

	2021 January	2021 February	2021 March	2021 April	2021 May	2021 June	2021 July	2021 August	2020 August	2020 September	2020 October	2020 November	2020 December	Monthly Average	Yearly Totals
100LL AVGAS															
100LL AvGas Sale Price	\$3.49	\$3.49	\$3.78	\$4.29	\$4.29	\$4.29	\$4.39	\$4.39	\$3.39	\$3.40	\$3.49	\$3.49	\$3.49	\$3.82	
Transactions	91	113	117	34	138	113	151	120	143	158	162	149	116	123.5	1605
Gallons Sold	2,531.9	2,865.2	2,744.7	635.9	2,735.1	2,926.5	3,864.0	3,289.1	3,212.6	3,990.4	4,040.7	3,659.9	2,804.6	3023.1	39,300.8
AvGas Revenue	\$8,836.44	\$9,999.62	\$10,387.94	\$2,728.22	\$11,733.58	\$12,554.84	\$16,963.12	\$14,439.14	\$10,890.66	\$13,550.09	\$14,101.99	\$12,773.16	\$9,788.02	\$11,442.06	\$148,746.82
AvGas Profit/Loss	\$652.16	\$739.99	\$1,070.32	\$214.10	\$970.26	\$1,039.16	\$3,447.00	\$209.35	\$1,889.53	\$1,126.87	\$1,333.34	\$989.65	\$754.86	\$1,110.51	\$14,436.59
GENERAL REVENUE/EXPENSE															
Hangar Rental	\$4,200.00	\$4,200.00	\$4,200.00	\$0.00	\$0.00	\$0.00	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$3,230.77	\$42,000.00
Lease Agreements	\$4,215.07	\$4,215.07	\$4,215.07	\$0.00	\$0.00	\$0.00	\$4,327.57	\$4,165.07	\$4,165.07	\$4,165.07	\$4,165.07	\$4,165.07	\$3,015.07	\$3,139.48	\$40,813.20
Grounds Maintenance	\$2,535.00	\$535.00	\$535.00	\$535.00	\$535.00	\$2,535.00	\$535.00	\$535.00	\$535.00	\$2,535.00	\$535.00	\$535.00	\$535.00	\$996.54	\$12,955.00
Buildings Maintenance	\$380.00	\$1,783.00	\$488.95	\$380.00	\$430.00	\$430.00	\$840.00	\$430.00	\$380.00	\$380.00	\$1,109.89	\$1,580.71	\$2,930.90	\$887.96	\$11,543.45
Equipment Maintenance	\$765.17	\$119.50	\$733.52	\$6,986.13	\$109.17	\$109.17	\$109.17	\$109.17	\$4,717.91	\$106.46	\$836.35	\$118.47	\$1,629.98	\$1,265.40	\$16,450.17
Airport Profit/Loss	\$3,007.57	\$4,338.06	\$5,348.42	(\$10,129.03)	(\$2,545.91)	(\$4,977.01)	\$8,048.40	\$18,220.75	\$8,714.86	\$4,090.98	\$4,837.67	\$3,991.05	(\$155.45)	\$3,291.57	\$42,790.36

AIRPORT PROJECTS & UPDATES – SEPTEMBER 2021



LAND LEASE / MAINTENANCE HANGAR

After approval in August, this project is in process currently. This facility will be approximately 100' x 100' and meets the Airport Layout Plan (ALP) usage of the area, and will also provide a much-needed maintenance facility. The city is working with GMC to develop the site plan, and then the site work and construction will be performed by the Lessee. The parking for the entire area will be coordinated and adjacent to parking for the upcoming Terminal Building and existing FBO operation.

TERMINAL BUILDING DESIGN

The approved Terminal Building is in design currently with options hopefully situated by mid-October for approval and bidding purposes. As stated above, the design will be tied closely with the location of the Maintenance Hangar for site and parking layouts.

EXTRA SPECIAL PEOPLE (ESP) EVENT 2021

The 2021 ESP event took place on August 28th at the airport, and was hosted again by SkyDive Monroe. The 2020 event was canceled due to COVID, and the 2021 event was scaled back due to rising cases again and for the health of those in attendance.

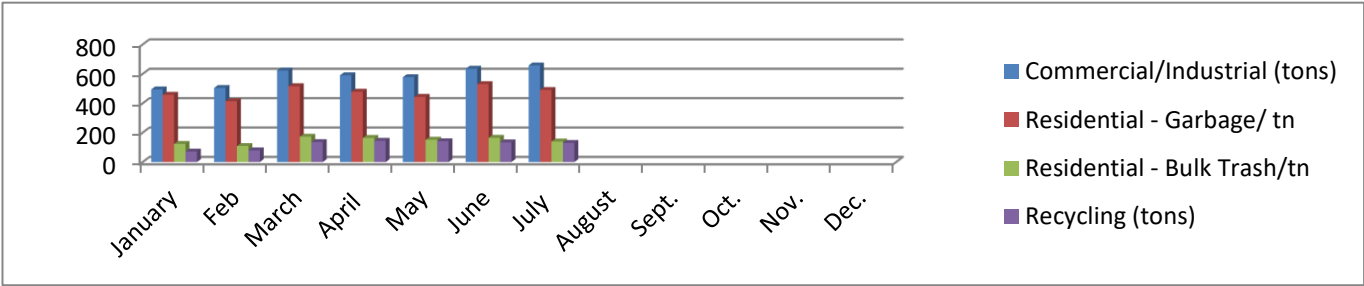
T-HANGAR ADDITIONS

Meetings are scheduled for September to discuss future locations of more T-Hangars by L&M Aviation at the airport. They currently own and operate the new 12-unit t-hangar at the airport and are looking to lease additional property and build more t-hangars. This growth would further increase our based aircraft numbers, thus increasing our eligibility for more grant funding.



**SOLID WASTE
DEPARTMENT
MONTHLY REPORT
SEPTEMBER
2021**

2021	January	Feb	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
Commercial/Industrial (tons)	494.37	504.62	623.1	590.52	577.74	635.34	657.65					
Residential - Garbage/ tn	457.76	414.33	516.5	478.61	443.53	530.64	490.57					
Residential - Bulk Trash/tn	123.33	109.11	172.87	164.02	151.81	165.25	139.61					
Recycling (tons)	71.30	79.42	135.83	144.55	141.75	134.03	130.04					
Transfer Station (tons)	7,831.74	8,113.39	9,373.15	7,832.17	7,720.88	8,321.84	7,452.33					
Customers (TS)	16	17	18	17	18	18	18					
Sweeper debris (tons)	25.55	21.16	33.26	30.65	20.41	13.03	14.37					
Storm drain debris (tons)	0.33	0.13	0.21	0.31	1.52	0.16	0.32					
	January	Feb	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
Recycling - Yard Trim (tons)	34.42	42.17	88.52	108.73	99.47	93.6	77.83					
Recycling - Curbside (tons)	25.52	19.23	27.07	24.3	25.33	22.4	28					
Recycling - Cardboard (tons)	8.95	11.15	10.71	5.29	14.27	12.21	12.27					
Recycling - Scrap Metal (tons)		3.28	5.31				9.3					
Recycling - Scrap tires (tons)	44 (.91)	102(2.10)	133 (2.74)	204 (4.21)	62 (1.28)	282(5.82)	33 (.68)					
Recycling - Glass (tons)	1.5	1.49	1.48	2.02	1.4	2.36	1.96					
Recycling - C & D (tons)												
95G Garbage carts (each)	51	47	68	44	51	59	57					
65G Recycling Carts (each)			296	344	213	248	171					
Recycling bins (each)	32	19	36	28	26	37	17					
Dumpsters (each)	5	3	3		4		3					
Lids & Rods (each)				3								
Cemetery Permits	13	7	6	9	11	13	8					



Note:
1,287.83 tons of trash /garbage collected and disposed.
130.04 tons of recycled materials collected, including scrap tires.

ITEMS OF INTEREST

- I. Transfer Station tonnage report: Deposited 7,452.33 tons in July.
A decrease of -426.50 tons compared to July 2020, due to the incident in July of 21'

- II. Curbside Recycling – Transitioning to the 65-gallon carts!
Update: We received notice and happy to announce, that we're able to add more materials in our curbside program, through our partnership with WestRock Recycling. We are now accepting food and beverage cartons in our curbside collection. Our goal is to continue to increase recovered materials and reduce contamination through education. **See attached.**
 - **Customers who did not receive a cart or would like to participate, should call our office at: 770-267-6933 to make their request. Service reminder: All acceptable items should be loose inside the cart and not in plastic bags! Oversized cardboard broken down, bundled and set out next to the cart, for separate collection!**

- III. Curbside Glass Collection Update: Currently have 313 customers participating in the program. (1.96 tons collected in July). **Reminder: Please rinse the glass containers and remove all caps or lids. Also, Items cannot be mixed with other recycling materials! A separate vehicle will collect the glass.**

- IV. Holiday Route Schedule: Labor Day
Monday, September 6, 2021 – No Collection
Tuesday, September 7, 2021 – Monday's Collection Route
Wednesday, September 8, 2021 – Tuesday's and Wednesday's Collection Route
Thursday, September 9, 2021 – Thursday's Collection Route

- V. Automated Side Loader (ASL) Truck: Emergency Purchase. A request was made for the approval to cover the additional \$8K at \$278,673.00 and to avoid a 15% price increase at \$320,473.00

Recycling Program Coordinators and Haulers

As a valued supplier of recycling materials, WestRock is pleased to announce that we are now accepting food and beverage cartons in our residential single stream recycling curbside and drop-off programs.

The WestRock Recycling Facility that receives your recyclable materials is now sorting milk, juice, soy milk, broth, soup and other food and beverage cartons for recovery as a marketable fiber. These cartons include both the aseptic rectangular shaped cartons as well as the familiar gable-top, refrigerated cartons.

Please help us to recover as many cartons as possible in the residential recycling stream by informing your residents and customers that these items are now a part of their recycling program and that this addition to the program can begin immediately. One of the most effective ways to spread the word is to promote the addition of cartons on your website describing your recycling guidelines and any media or special events describing your recycling services.

You may contact the Carton Council directly at info@recyclecartons.com if you have any questions specific to carton recycling or want to learn about any additional resources available to promote carton recycling. Carton Council offers free resources available for download at www.cartonopportunities.org/communitiesfacilities.

WestRock is excited to offer this addition to the recycling program and welcome your comments and questions. Please distribute the WestRock Recycle Residential Single Stream Guidelines flyer on page 2.

Thank you for continuing to promote good recycling habits.

Sincerely,

WestRock Recycling

WestRock Recycle Residential Single Stream

Atlanta & Surrounding Areas
Recycle Program Guide



Did you know?

Recycled materials are valuable feed stock in the manufacturing of new boxes, food and beverage containers and other packaging. Cardboard boxes can be recycled up to 7 times, there is no limit to the number of times an aluminum can can be recycled and recycling plastics bottles requires 88% less energy than using raw materials.

Acceptable Paper Recycle



Cardboard & Pizza Boxes



Mixed Paper: Mail, Magazines, Phone Books & Newspaper



Food Boxes



Paper Based Food Service Packaging



Food and Beverage Cartons

Acceptable Plastics Recycle



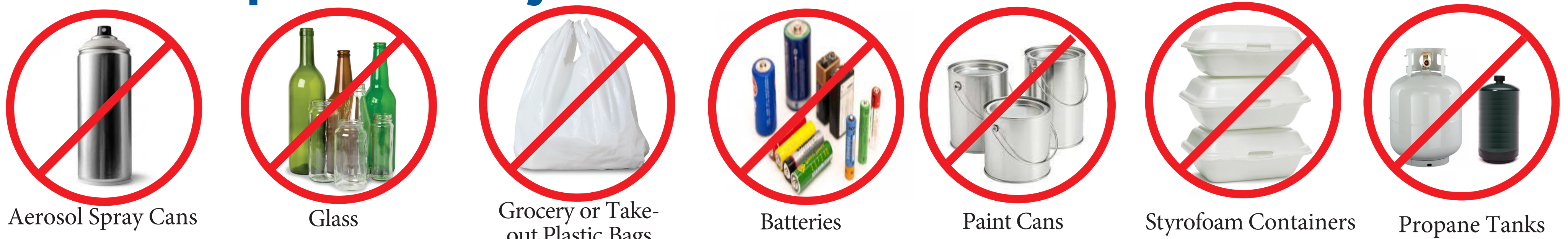
#1 PET Drink Bottles #2 HDPE Jugs & Bottles

Acceptable Metals Recycle



Aluminum Cans
Steel Cans
- Must be clean and empty -

Not Acceptable Recycle



In addition, these items are not acceptable to recycle:

NO Cabling & Hoses **NO** Electronics **NO** Cylinders **NO** Chemicals **NO** Food Waste **NO** Wood

westrock.com/recycling

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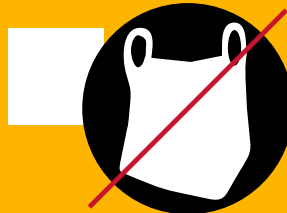


OOPS!

PLEASE DO NOT PUT THESE ITEMS
IN YOUR RECYCLE CART!



No bagged recyclables
or garbage



No Plastic Bags



No Garbage, Food or liquid
(empty all containers)



No Clothing or Linens

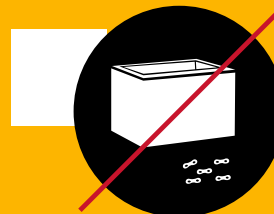


No Tangles
(no hoses, wires,
chains or cords)



No Big Items
(no wood or furniture)

Other: _____



No Foam
(no blocks, peanuts,
containers, etc.)

**WE WON'T BE ABLE TO EMPTY CART IF WE
SEE THESE ITEMS. PLEASE REMOVE ITEMS THAT
DON'T BELONG TO ENSURE CART GETS SERVICED**

ADDRESS: _____
DATE: _____
TIME OF PICKUP: _____



To: City Council; Finance
From: Danny P Smith, Director of Solid Waste
Department: Solid Waste – Collection
Date: 8/13/2021
Subject: Automated Side Loader (ASL) Purchase

Budget Account/Project Name: 540-4520-542200/Garbage Truck

Funding Source: SW CIP

Budget Allocation: \$270,000.00

Budget Available: \$901,331.00

Requested Expense: \$278,673.00

Company of Purchase: Carolina Environmental Systems

Description:

A request is made to purchase a Heil DP Python 22CY Automated Side Loader/ 2023 Peterbilt 520 Chassis, with the additional \$8,673.00. The price increase is due to the high cost of steel.

Background:

The ASL Truck is designed for a single operator, used for residential collection. The unit will increase collection efficiency, with the projected growth. Safety, by reducing potential workers comp. injuries to collection staff. Increase internal staff, by repositioning personnel.

Attachment(s):

1. Cover Sheet
2. Requisition
3. Quote (including specs)



Carolina Environmental Systems, Inc.
306 Pineview Dr., Kernersville, NC 27284
2701 White Horse Road, Greenville, SC 29611
500 Lee Industrial Blvd, Austell, Ga 30168
800-239-7796

Quotation

Heil DuraPack Python 22CY Automated Side Loader

Date: 7/20/21

Quote: 210720

To: City of Monroe, Ga.

Heil DP-Python Standard Equipment

- 5.2cy Hopper
- 108" Lift Reach
- Python Lift-2 Year Limited Structural Warranty
- Lift capacity up to 1,250 lbs
- Street access door w/step & grab
- Under hopper liquid sump w/2 clean-out doors & steel rake
- Body service props for dump or service hoist models
- Tailgate service props
- Fully automatic Shur-Loc tailgate locks
- O.I.G.A.I. front mount tandem vane pump system
- Cushioned up & down w/chrome-plated rods
- Chassis frame-mounted oil tank w/level/temp. gauge& oil suction shut-off valve
- 3-Micron return line filter w/magnetic trap & in-cab filter bypass monitor
- 140-micron suction line strainer
- Fabric guard hose protection for all high pressure hoses
- In-cab packing controls, electric/air
- In-cab lift controls, air/electric, joy stick
- In-cab hoist controls for dumping models, air
- In-cab controls for eject models, electric/air
- In-cab tailgate controls, air
- Cortex controller with Insight diagnostic display.
- In-cab function & indicator lights
- Select-O-Pack
- Auto Lift
- Arm rest
- Lift reach warning
- Backup alarm
- Backup & license plate lights
- LED Center mounted brake light
- LED Duplicate high & low mount stop, turn, & tail lights
- LED Mid-Body turn signals
- LED FMVSS #108 clearance lights & reflectors

- ICC reflective tape
- Rear Mud-flaps
- Rear under ride guard
- Rear camera bracket & flood lights-reverse activated
- Body undercoating
- Standard 1 year warranty
- Cavity coat & joint sealer
- Remote packer lube kit

Options Included in pricing

- Factory Mounted 22CY Dura Pack Python
- Peterson Smart Lights
- (1) Hopper Light & (1) lift light
- 20 LB Fire Extinguisher
- (2) Camera System & Monitor
- Front Mud Flaps
- Hopper Hood
- Tri-Cuff Grabbers
- Back Assist Lights
- Sump Chutes
- Broom & Shovel Kit
- 3" Hopper Drain Valve
- Fender Extension Kit

- **(1) Heil 22CY DP-Python + (1) 2023 Peterbilt 520 Right Hand Drive**
 - **Unit Sales Price: \$278,673.00**
 - **NJPA Member ID: 78902**
 - Sales Price does not include FET, or Sales Tax.
 - Delivery: 260 – 275 Days After Receipt of Order.

Chris Maxwell
 770-328-6320
 cmaxwell@cesrefuse.com

DuraPack® Python®

The fastest strike in the refuse jungle!

The **DuraPack Python** automated side loader combines two proven products in one high-performance package — the **DuraPack** body, which is famous for its toughness and productivity, and the patented **Python** automated arm, which is faster, smoother, and longer-lasting than any other.

The **DuraPack Python**'s arm has an 8-second lift cycle. That can save you up to 4 seconds per stop — and up 1 hour per day — delivering a fiscal savings of more than \$15,000 per truck every year! You don't have to wait for the hopper to catch up with a load, either, because the **Python**'s follower panel enables continuous dumping. Twin packing cylinders deliver outstanding payloads, so you can collect more homes with fewer trips to the disposal site.

Able to lift up to 1,250 pounds, the **Python**'s arm features cushioned cylinders for action that's as smooth as a snake, saving wear and tear on the lift arm and the chassis. The **Python**'s unique lift geometry also prevents spillage and enables the arm to return carts with the lids closed every time.

Heil's Operate-in-Gear-at-Idle System comes standard on the **DuraPack Python**. It is designed to reduce wear on the lift assembly, chassis, engine, and transmission. Plus, it greatly reduces noise — a benefit to operators and customers alike.

We back all Heil units with a worldwide network of knowledgeable dealers and service centers, as well as the industry's first dedicated manufacturer-based training facility and mobile training centers, to help you keep your **Python** operating at its peak. Add to that Heil's century-old heritage of commitment to customer satisfaction, and you can feel certain that when you choose a **DuraPack Python** you are getting the most productive and durable, automated side loader available.

Read on to learn more about the **DuraPack Python**'s operator-friendly features, and then contact your Authorized Heil Dealer for assistance in choosing the Heil refuse collection vehicle that is right for you. To find the Dealer nearest you, visit www.heil.com.





**STREETS AND
TRANSPORTATION
DEPARTMENT
MONTHLY REPORT
SEPTEMBER
2021**

Public Works Administration

July 2021

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Calls received	452	N/A	519	810	683	709	725						3898
Work orders received	91	84	130	187	161	196	165						1014
Work orders completed	80	82	126	186	153	178	154						959
Permits received/approved -													
Parade													0
Procession													0
Public demonstration													0
Assembly	1	1	2	4	3	2	2						15
Picket													0
Road race			1	1		1							3

Fleet Maintenance Division

*Repaired/Service vehicles or equipment for the following departments:

Department	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Airport													0
City Hall													0
Code	1		2	1	1								5
Electric/Cable	5	4		7	4	1	2						23
Finance													0
Fire			2	2	1	1	1						7
Gas/Water/Sewer		5	8	5	5	2	2						27
GUTA		1											1
Meter Readers		2	2	4	1	1	3						13
Motor Pool													0
Police	17	16	21	15	17	16	18						120
Public Works	11	19	13	24	16	28	11						122
TOTAL	34	47	48	58	45	49	37	0	0	0	0	0	318

Street Division

- Removed litter from the right of way
- Utility patching
 - 18" Water main Publix Asphalt patching
 - Green Street - 243.38 tons
 - City Wide – 13.27 tons
- Right of way mowing
- Tree Vegetation Grinding for Solid Waste Division
- 2021 LMIG



**ELECTRIC & TELECOM
DEPARTMENT
MONTHLY REPORT**

**SEPTEMBER
2021**

Items of interest

1. Material issues
2. Publix, Marshall's, and Ross are powering from the transformer.
3. FTTX update.
 - Pollock installs continuing
 - Pine Crest design under review
 - Brentwood conduit and fiber installed
 - Heritage conduit and fiber installed
 - Wellington conduit and fiber installed
 - Bethany project conduit and fiber installed
 - Spring Place conduit started
 - Tall Oaks conduit installed
 - Baron Properties conduit started
 - East side OLT location prep started
 - West side OLT 80% delivered/November delivery
 - Conduits for Pavilion installed

ELECTRIC: MONTHLY DIRECTOR'S REPORT

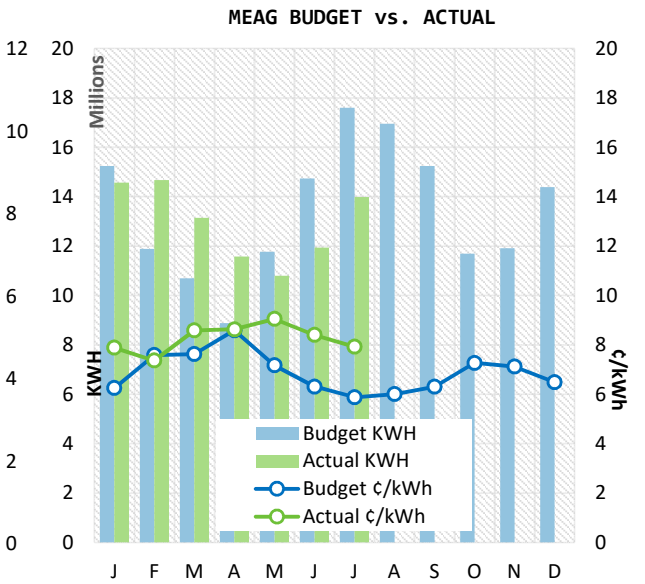
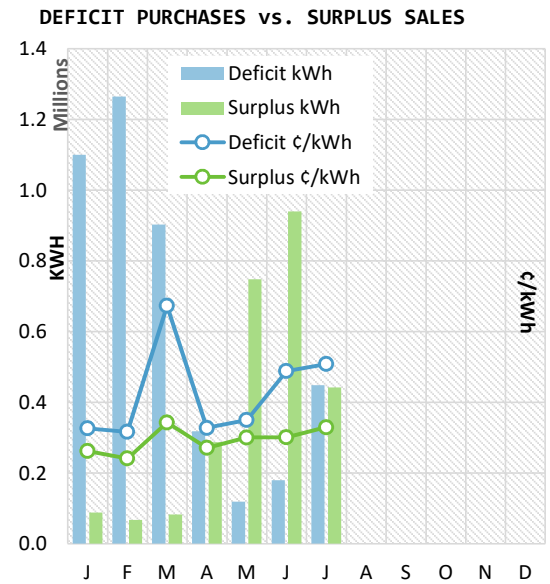
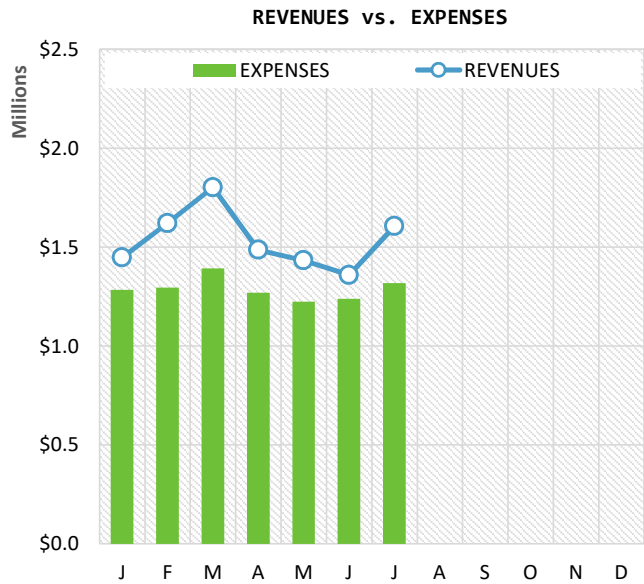
REPORTING PERIOD: 07/2021 | FY 2021



COVER	1
OVERVIEW	2
SALES REPORT	3
SALES STATISTICS	4
POWER SUPPLY	5
DETAIL REVENUES	6
DETAIL EXPENSES	7-8

CITY OF MONROE: ELECTRIC FUND OVERVIEW

	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	FY 2021	AS BUDGET	FY 2020
REVENUES	\$ 1.447M	\$ 1.621M	\$ 1.802M	\$ 1.485M	\$ 1.432M	\$ 1.359M	\$ 1.606M						\$ 10.752M	\$ 11.646M	\$ 9.941M
PERSONNEL COSTS	\$ 0.103M	\$ 0.106M	\$ 0.103M	\$ 0.159M	\$ 0.106M	\$ 0.105M	\$ 0.108M						\$ 0.790M	\$ 0.789M	\$ 0.803M
CONTRACTED SVC	\$ 0.047M	\$ 0.048M	\$ 0.045M	\$ 0.054M	\$ 0.078M	\$ 0.064M	\$ 0.037M						\$ 0.374M	\$ 0.373M	\$ 0.347M
SUPPLIES	\$ 1.104M	\$ 1.104M	\$ 1.211M	\$ 1.023M	\$ 1.005M	\$ 1.035M	\$ 1.140M						\$ 7.622M	\$ 6.905M	\$ 7.123M
CAPITAL OUTLAY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						\$ -	\$ -	\$ -
DEPRECIATION	\$ 0.029M	\$ 0.038M	\$ 0.033M	\$ 0.033M	\$ 0.033M	\$ 0.033M	\$ 0.033M						\$ 0.233M	\$ 0.136M	\$ 0.219M
EXPENSES	\$ 1.283M	\$ 1.295M	\$ 1.393M	\$ 1.269M	\$ 1.224M	\$ 1.238M	\$ 1.318M						\$ 9.019M	\$ 8.203M	\$ 8.492M
FUND TRANSFERS	\$ 0.137M	\$ 0.148M	\$ 0.196M	\$ 0.181M	\$ 0.151M	\$ 0.155M	\$ 0.154M						\$ 1.122M	\$ 1.943M	\$ 1.186M
MARGIN W/O TRANSFERS	\$ 0.164M	\$ 0.326M	\$ 0.409M	\$ 0.216M	\$ 0.208M	\$ 0.121M	\$ 0.288M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.733M	\$ 3.443M	\$ 1.449M
MARGIN W/ TRANSFER	\$ 0.027M	\$ 0.178M	\$ 0.214M	\$ 0.036M	\$ 0.057M	\$ (0.034M)	\$ 0.134M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.611M	\$ 1.501M	\$ 0.262M
PART CONTR/MEAG YES	\$ 0.100M	\$ 0.100M	\$ 0.100M	\$ 0.556M	\$ 0.100M	\$ 0.100M	\$ 0.100M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.156M	\$ 0.200M	\$ 0.833M



RETAIL SALES REPORT

Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021

69

CUSTOMER COUNT

Residential	5,741	5,781	5,801	5,782	5,799	5,800	5,796
Commercial	855	873	861	863	870	868	875
Industrial	1	1	1	1	1	1	1
City	48	48	49	47	48	48	48
Total	6,645	6,703	6,712	6,693	6,718	6,717	6,720

Year-Over-Year Δ 3.02% 3.68% 3.44% 2.72% 3.27% 2.88% 3.02%

KWH

Residential	6.283M	7.942M	7.451M	5.948M	4.654M	4.342M	5.479M
Commercial	4.374M	5.039M	4.847M	4.424M	4.764M	4.842M	5.608M
Industrial	0.531M	0.666M	0.630M	0.620M	0.664M	0.651M	0.728M
Other	-	-	-	-	-	-	-
City	0.451M	0.530M	0.472M	0.454M	0.411M	0.459M	0.463M
Total	11.639M	14.178M	13.399M	11.446M	10.493M	10.293M	12.277M

Year-Over-Year Δ -0.98% 15.73% 7.63% -1.04% 15.68% 8.92% 0.87%

REVENUE

Residential	\$ 0.689M	\$ 0.846M	\$ 0.800M	\$ 0.657M	\$ 0.604M	\$ 0.562M	\$ 0.717M
Commercial	\$ 0.597M	\$ 0.653M	\$ 0.624M	\$ 0.590M	\$ 0.624M	\$ 0.633M	\$ 0.710M
Industrial	\$ 0.043M	\$ 0.058M	\$ 0.056M	\$ 0.055M	\$ 0.058M	\$ 0.057M	\$ 0.062M
Other	\$ 0.000M	\$ 0.000M	\$ 0.000M	\$ 0.000M	\$ 0.000M	\$ 0.000M	\$ 0.000M
City	\$ 0.043M	\$ 0.051M	\$ 0.045M	\$ 0.043M	\$ 0.039M	\$ 0.044M	\$ 0.044M
Total	\$ 1.372M	\$ 1.609M	\$ 1.525M	\$ 1.346M	\$ 1.325M	\$ 1.296M	\$ 1.533M

Year-Over-Year Δ -2.45% 15.42% 4.84% -0.04% 10.59% -1.00% -6.43%

SALES STATISTICS

[Jan 2021](#)
[Feb 2021](#)
[Mar 2021](#)
[Apr 2021](#)
[May 2021](#)
[Jun 2021](#)
[Jul 2021](#)
[Aug 2021](#)
[Sep 2021](#)
[Oct 2021](#)
[Nov 2021](#)
[Dec 2021](#)

YTD

70

AVERAGE KWH/CUSTOMER

Residential	1,094	1,374	1,284	1,029	803	749	945		1,040
Commercial	5,116	5,772	5,630	5,126	5,475	5,578	6,409		5,587
Industrial	531,448	665,501	629,574	620,075	663,822	650,528	727,869		641,260
City	9,402	11,051	9,632	9,656	8,562	9,565	9,636		9,643

AVERAGE \$/CUSTOMER

Residential	\$120	\$146	\$138	\$114	\$104	\$97	\$124		\$120
Commercial	\$698	\$748	\$725	\$684	\$717	\$729	\$812		\$730
Industrial	\$43,203	\$58,232	\$56,021	\$55,474	\$58,007	\$57,237	\$61,719		\$55,699
City	\$900	\$1,058	\$922	\$924	\$819	\$916	\$923		\$923

AVERAGE \$/KWH

Residential	\$0.1097	\$0.1066	\$0.1073	\$0.1105	\$0.1297	\$0.1295	\$0.1309		\$0.1177
Commercial	\$0.1364	\$0.1297	\$0.1288	\$0.1333	\$0.1309	\$0.1307	\$0.1267		\$0.1309
Industrial	\$0.0813	\$0.0875	\$0.0890	\$0.0895	\$0.0874	\$0.0880	\$0.0848		\$0.0868
City	\$0.0957	\$0.0958	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957		\$0.0957
Average	\$0.1058	\$0.1049	\$0.1052	\$0.1073	\$0.1109	\$0.1110	\$0.1095		\$0.1078

MOST RECENT
12-MONTH

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	
POWER SUPPLY COSTS					
MEAG Project Power	\$ 874,760	\$ 831,286	\$ 5,789,040	\$ 5,478,409	\$ 10,097,699
Transmission	130,380	107,071	860,590	723,482	1,380,742
Supplemental	48,539	70,564	405,196	353,133	737,887
SEPA	52,198	51,155	374,437	398,359	642,093
Other Adjustments	954	988	6,713	6,620	11,655
TOTAL POWER SUPPLY COSTS	\$ 1,106,831	\$ 1,061,064	\$ 7,435,977	\$ 6,960,004	\$ 12,870,075
AS BUDGET	1,034,179	1,070,994	6,234,261	6,935,960	10,957,048
% ACTUAL TO BUDGET	107.03%	99.07%	119.28%	100.35%	117.46%

PEAKS & ENERGY

Peaks (KW)

Coincident Peak (CP)	31,447	31,499	31,447	31,499	33,613
Non-Coincident Peak (NCP)	31,447	31,499	31,447	31,499	33,833
CP (BUDGET)	31,617	34,331	31,617	34,512	33,849
NCP (BUDGET)	32,266	34,925	32,266	34,925	35,076

Energy (KWH)

MEAG Energy	12,582,797	10,974,944	77,760,475	69,789,638	133,357,511
Supplemental Purchases (or sales)	176,552	1,255,284	3,375,885	3,152,735	7,738,407
SEPA Energy	1,219,188	1,126,871	9,497,813	10,971,514	15,881,437
Total Energy (KWH)	13,978,537	13,357,098	90,634,173	83,913,887	156,977,355
AS BUDGET	17,596,000	16,817,000	90,782,000	96,757,000	159,621,000
% ACTUAL TO BUDGET	79.44%	79.43%	99.84%	86.73%	98.34%

CP Load Factor	61.74%	58.90%	32.90%	30.41%	53.31%
NCP Load Factor	61.74%	58.90%	32.90%	30.41%	52.97%
% Supplemental	1.26%	9.40%	3.72%	3.76%	4.93%

UNIT COSTS (¢/kWh)

Bulk Power	8.0033	8.0268	8.3730	8.7528	8.3657
Supplemental	27.4931	5.6213	12.0027	11.2009	9.5354
SEPA Energy	4.2813	4.5395	3.9424	3.6308	4.0430
MEAG Total	7.9181	7.9438	8.2044	8.2942	8.1987

Note on Supplemental Unit Cost: Unit cost is based on the aggregated hourly energy and the associated market price for which the energy was purchased or sold.

MOST RECENT
12-MONTH

Jul 2021

Jul 2020

FY2021 YTD

FY2020 YTD

SALES REVENUES

ELECTRIC SALES	\$	1,532,927	\$	1,664,979	\$	10,011,677	\$	9,565,235	\$	17,920,868
SALES REVENUES (ACTUAL)	\$	1,532,927	\$	1,664,979	\$	10,011,677	\$	9,565,235	\$	17,920,868
AS BUDGET	\$	1,583,333	\$	1,583,333	\$	1,583,333	\$	1,583,333		Not Applicable
% ACTUAL TO BUDGET		96.82%		105.16%		632.32%		604.12%		Not Applicable

Note on Electric Sales: Detail break-down for individual rate class is shown in *ELECTRIC: RETAIL SALES* section.

OTHER REVENUES

OP REVENUE		34,536		34,888		240,797		238,563		410,885
FEDERAL GRANT		-		-		-		-		-
MISC REVENUE		4,647		714		382,627		9,439		473,674
CONTRIBUTED CAPITAL		-		-		-		-		-
SALE OF FIXED ASSETS		-		-		-		-		-
GAIN UTILITIES ASSETS		-		-		-		-		-
REIMB DAMAGED PROPERTY		-		-		3,000		-		3,000
CUST ACCT FEES		-		-		-		-		-
OTHER REV		-		-		-		-		-
ADMIN ALLOC		9,135		17,288		75,763		127,843		107,417
INTEREST REVENUES - UTILITY		24,815		-		38,449		-		333,795
STATE GRANTS		-		-		-		-		-
SALE OF RECYCLED MATERIALS		-		-		-		-		22,837
OTHER REVENUES (ACTUAL)	\$	73,132	\$	52,890	\$	740,636	\$	375,845	\$	1,351,609
AS BUDGET	\$	80,431	\$	87,500	\$	563,014	\$	612,500		Not Applicable
% ACTUAL TO BUDGET		90.93%		60.45%		131.55%		61.36%		Not Applicable

TRANSFER

Transfer From CIP		-		-		-		-		-
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TOTAL REVENUES (ACTUAL)	\$	1,606,060	\$	1,717,869	\$	10,752,313	\$	9,941,080	\$	19,272,476
AS BUDGET	\$	1,663,764	\$	1,670,833	\$	11,646,347	\$	11,695,833		Not Applicable
% ACTUAL TO BUDGET		96.53%		102.82%		92.32%		85.00%		Not Applicable

MCT CREDIT	\$	-	\$	-	\$	-	\$	-	\$	-
	\$	-	\$	-	\$	-	\$	-	\$	-
	\$	100,000	\$	100,000	\$	700,000	\$	400,000	\$	1,200,000
MEAG REBATE		-		-		456,339		432,748		456,339

MEAG YES/PART CONTR/MCT CF	\$	100,000	\$	100,000	\$	1,156,339	\$	832,748	\$	1,656,339
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Note on MEAG Credit/YES/Participant Contribution: excluded from revenues

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	
PERSONNEL					
Compensation	\$ 74,744	\$ 77,566	\$ 573,175	\$ 591,419	\$ 982,913
Benefits	32,900	33,724	216,993	212,029	411,847
PERSONNEL (ACTUAL)	\$ 107,644	\$ 111,290	\$ 790,168	\$ 803,448	\$ 1,394,761
AS BUDGET	\$ 112,623	\$ 109,087	\$ 788,364	\$ 763,607	Not Applicable
% ACTUAL TO BUDGET	95.58%	102.02%	100.23%	105.22%	Not Applicable
CONTRACTED SERVICES					
Consulting	\$ -	\$ -	\$ -	\$ 17,346	\$ (16,755)
Landfill Fees	-	-	-	-	-
Holiday Event	-	-	-	-	-
Maintenance Contracts	(263)	292	7,206	3,179	8,893
Rents/Leases	48	955	3,250	3,695	23,373
Repairs & Maintenance (Outside)	531	1,287	32,208	15,559	56,026
Landfill Fees	-	-	-	-	-
Other Contract Svcs	-	-	-	-	-
Comm Svcs	1,632	2,042	10,587	10,633	21,159
Postage	-	71	27	86	78
Public Relations	-	-	800	-	800
Mkt Expense	-	-	-	2,446	18,050
Printing	-	-	-	-	-
Dues & Sub	-	-	-	-	-
Travel	250	(368)	1,464	-	2,040
Vehicle Tag & Title Fee	-	-	-	74	-
Ga Dept Rev Fee	-	-	900	900	900
Fees	-	-	300	319	300
Training & Ed	(3)	-	11	-	1,061
Contract Labor	34,597	47,835	316,785	292,733	479,911
Shipping/Freight	-	-	-	368	-
CONTRACTED SERVICES (ACTUAL)	\$ 36,791	\$ 52,113	\$ 373,538	\$ 347,337	\$ 596,042
AS BUDGET	\$ 53,296	\$ 50,357	\$ 373,071	\$ 352,497	Not Applicable
% ACTUAL TO BUDGET	69.03%	103.49%	100.13%	98.54%	Not Applicable

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	12-MONTH
SUPPLIES					
Office Supplies	1,152	-	1,491	1,153	2,352
Furniture <5001	-	-	-	650	-
Postage	-	-	-	-	-
Auto Parts	27	992	2,063	2,024	3,514
Construction Materials	-	1,901	6,528	12,412	25,247
Damage Claims	-	-	1,439	-	3,738
Expendable Fluids	163	20	171	56	211
Safety/Medical Supplies	-	5,780	-	5,780	-
Tires	-	1,777	301	2,891	5,701
Uniform Expense	-	8,696	11,012	13,528	15,078
Janitorial	187	835	1,947	2,031	3,386
Computer Equipment	-	-	5,766	-	6,466
R & M Buildings - Inside	-	-	-	-	2,640
Util Costs - Util Fund	711	492	11,110	6,838	14,564
Covid-19 Expenses	-	236	957	2,369	1,118
Streetlights	-	-	6,536	-	6,536
Auto & Truck Fuel	2,599	2,319	16,069	12,943	29,282
Food	58	120	1,446	785	3,033
Sm Tool & Min Equip	2,936	10,387	20,808	23,773	47,284
Meters	-	-	-	-	-
Lab Supplies	-	-	-	-	-
Sm Oper Supplies	12,913	1,437	32,257	11,326	46,651
Construction Material	-	-	-	-	-
Tires	-	-	-	-	-
Uniform Exp	-	-	-	-	-
Power Costs	1,106,831	1,061,064	7,381,398	6,902,505	13,016,769
Equip Pur (<\$5M)	-	-	-	-	-
Dam Claims	-	-	-	-	-
Misc	-	-	-	-	-
SUPPLIES (ACTUAL)	\$ 1,140,037	\$ 1,103,735	\$ 7,622,402	\$ 7,131,647	\$ 13,697,257
AS BUDGET	\$ 986,383	\$ 1,055,868	\$ 6,904,680	\$ 7,391,078	Not Applicable
% ACTUAL TO BUDGET	115.58%	104.53%	110.39%	96.49%	Not Applicable
CAPITAL OUTLAY					
Construction In Progress	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -
Depr Exp	\$ 33,270	\$ 34,257	\$ 232,976	\$ 218,612	\$ 363,414
CAPITAL OUTLAY (ACTUAL)	\$ 33,270	\$ 34,257	\$ 232,976	\$ 218,612	\$ 363,414
AS BUDGET	\$ -	\$ -	\$ -	\$ -	Not Applicable
% ACTUAL TO BUDGET	0.00%	0.00%	0.00%	0.00%	Not Applicable
FUND TRANSFERS					
Admin Alloc - Adm Exp	\$ 71,902	\$ 91,336	\$ 502,929	\$ 606,937	\$ 842,996
Transfer To Gf	82,180	81,515	619,248	579,456	1,151,703
Transfer To Cip	-	-	-	-	-
Transfer - E&R	-	-	-	-	-
FUND TRANSFERS (ACTUAL)	\$ 154,083	\$ 172,851	\$ 1,122,178	\$ 1,186,393	\$ 1,994,698
AS BUDGET	\$ 277,505	\$ 270,566	\$ 1,942,532	\$ 1,893,959	Not Applicable
% ACTUAL TO BUDGET	55.52%	63.89%	57.77%	62.64%	Not Applicable
TOTAL EXPENSES (ACTUAL)	\$ 1,471,824	\$ 1,474,246	\$ 10,141,262	\$ 9,687,436	\$ 18,046,173
AS BUDGET	\$ 1,429,807	\$ 1,485,877	\$ 10,008,648	\$ 10,401,141	Not Applicable
% ACTUAL TO BUDGET	102.94%	99.22%	101.33%	93.14%	Not Applicable

TELECOM: MONTHLY DIRECTOR'S REPORT

REPORTING PERIOD: 07/2021 | FY 2021



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COMMENTARY & ANALYSIS

The net operating margin after transfers, FY to date was 1.02%

RECOMMENDATIONS

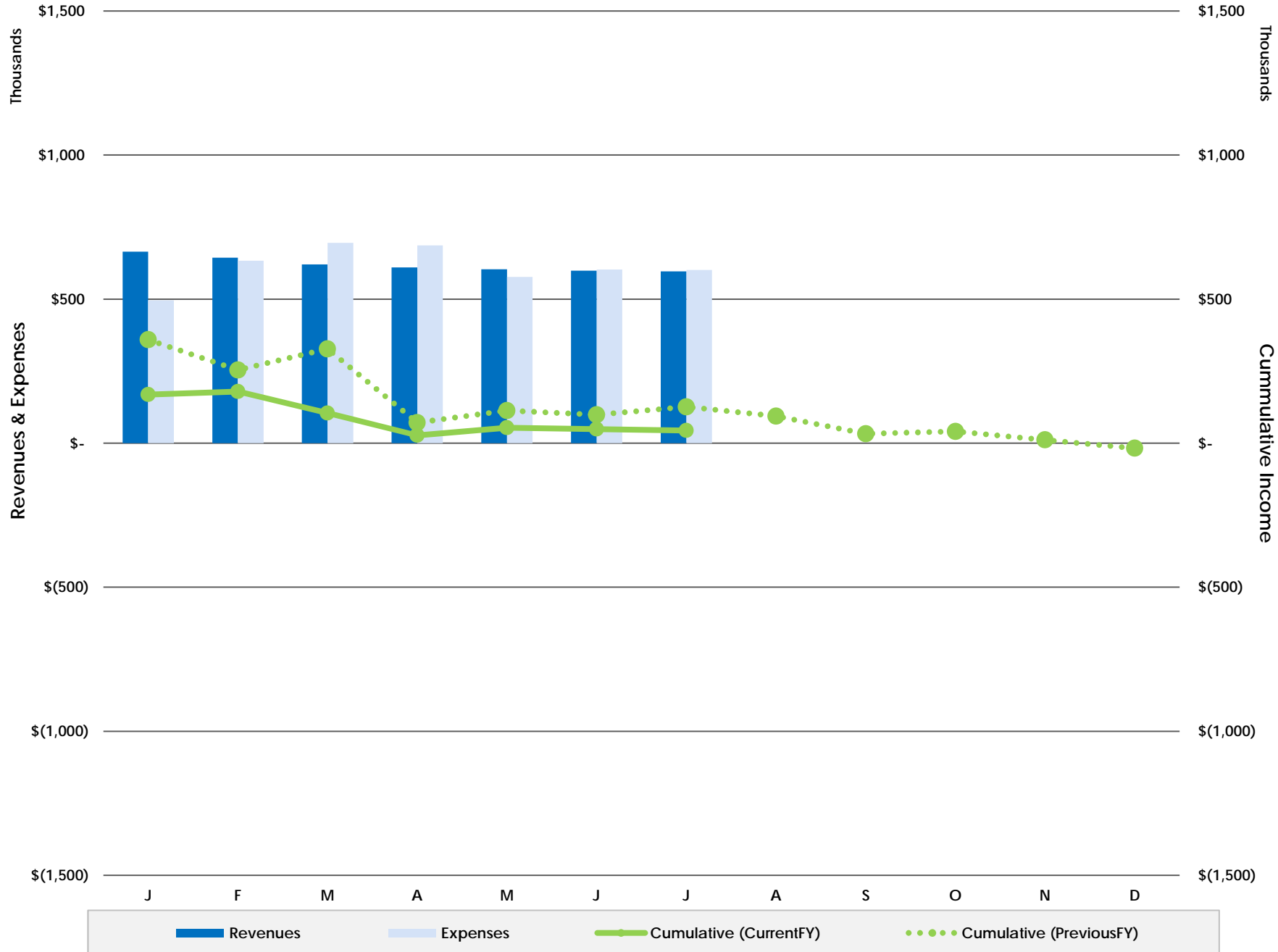
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MOST RECENT
12-MONTH

FINANCIALS

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	
Revenues					
RETAIL SALES	\$ 576,090	\$ 517,710	\$ 4,114,176	\$ 3,570,758	\$ 6,703,362
OTHER REVENUES	26,131	41,358	238,303	324,072	413,705
ADJUSTMENTS	(5,860)	23,267	(16,279)	(45,547)	(52,016)
Total Revenues	\$ 596,361	\$ 582,335	\$ 4,336,200	\$ 3,849,282	\$ 7,065,050
Expenses					
PERSONNEL	\$ 69,553	\$ 68,001	\$ 524,662	\$ 473,818	\$ 917,125
PURCHASED & CONTRACTED SVC	25,741	10,485	115,955	80,314	226,072
PURCHASED PROPERTY SERVICES	656	10,780	27,942	56,348	31,927
SUPPLIES	25,111	27,186	185,264	162,107	339,122
COST OF GOODS SOLD	250,710	299,319	1,830,997	2,013,328	3,402,518
DEPR, DEBT SVC & OTHER COSTS	121,126	105,944	845,996	710,073	1,317,745
FUND TRANSFERS	108,486	33,326	761,307	227,058	930,206
Total Combined Expenses	\$ 601,384	\$ 555,041	\$ 4,292,123	\$ 3,723,045	\$ 7,164,714
Income					
Before Transfer	\$ 103,464	\$ 60,620	\$ 805,384	\$ 353,295	\$ 830,542
After Transfer	\$ (5,022)	\$ 27,295	\$ 44,077	\$ 126,237	\$ (99,664)
Margin					
Before Transfer	17.35%	10.41%	18.57%	9.18%	11.76%
After Transfer	-0.84%	4.69%	1.02%	3.28%	-1.41%

CHART 1
MONTHLY DIRECTOR'S REPORT
REVENUE, EXPENSE & INCOME SUMMARY
FISCAL YEAR 2021



MOST RECENT
12-MONTH

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	
RETAIL SALES					
<i>Note on Telecom Sales: Detail break-down for individual rate class is shown in TELECOM: RETAIL SALES section.</i>					
CABLE TELEVISION	\$ 244,550	\$ 221,569	\$ 1,863,597	\$ 1,572,322	\$ 2,935,200
DVR SERVICE	21,590	18,839	153,938	134,639	247,636
FIBER OPTICS	51,825	46,470	348,390	322,368	584,139
INTERNET	223,041	197,882	1,519,544	1,309,821	2,544,220
TELEPHONE	33,319	30,321	215,480	214,093	367,893
SET TOP BOX	1,764	2,629	13,227	17,515	24,273
Total RETAIL SALES (ACTUAL)	\$ 576,090	\$ 517,710	\$ 4,114,176	\$ 3,570,758	\$ 6,703,362
OTHER REVENUES					
CATV INSTALL/UPGRADE	\$ 115	\$ 970	\$ 2,545	\$ 20,060	\$ 6,545
MARKETPLACE ADS	-	-	-	-	-
PHONE FEES	796	566	4,987	4,153	8,697
EQUIPMENT SALES	-	7,704	-	54,330	38,293
MODEM RENTAL	8,066	1,917	56,071	13,467	65,695
VIDEO PRODUCTION REVENUE	-	-	-	-	-
MISCELLANEOUS	8,019	5,120	87,890	51,070	136,543
ADMIN ALLOCATION	9,135	17,288	86,810	127,843	118,464
CONTRIBUTED CAPITAL	-	-	-	-	-
Transfer from CIP	-	-	-	-	-
MISCELLANEOUS	-	7,793	-	53,150	39,469
Total OTHER REVENUES ACTUAL	\$ 26,131	\$ 41,358	\$ 238,303	\$ 324,072	\$ 413,705
Adjustment	\$ (5,860)	\$ 23,267	\$ (16,279)	\$ (45,547)	\$ (52,016)
<i>Note: Adjustment added to match Financials</i>					
TOTAL REVENUES (ACTUAL)	\$ 596,361	\$ 582,335	\$ 4,336,200	\$ 3,849,282	\$ 7,065,050

SUMMARY

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	
Personnel	\$ 69,553	\$ 68,001	\$ 524,662	\$ 473,818	\$ 917,125
Purchased & Contracted Svc	25,741	10,485	115,955	80,314	226,072
Purchased Property Services	656	10,780	27,942	56,348	31,927
Supplies	25,111	27,186	185,264	162,107	339,122
Cost of Goods Sold	250,710	299,319	1,830,997	2,013,328	3,402,518
Depr, Debt Svc & Other Costs	121,126	105,944	845,996	710,073	1,317,745
Fund Transfers	108,486	33,326	761,307	227,058	930,206
TOTAL SUMMARY (ACTUAL)	\$ 601,384	\$ 555,041	\$ 4,292,123	\$ 3,723,045	\$ 7,164,714

TELECOM

Personnel

Salaries	\$ 45,112	\$ 46,286	\$ 334,155	\$ 335,020	\$ 599,670
Benefits	24,441	21,715	190,507	138,797	317,455
Total Personnel (ACTUAL)	\$ 69,553	\$ 68,001	\$ 524,662	\$ 473,818	\$ 917,125

Purchased & Contracted Svc

Attorney Fees	-	-	-	-	-
Audit Services	-	-	-	-	-
Professional Fees	-	40	-	264	628
Web Design	-	-	-	41	-
Consulting - Technical	-	-	171	9,000	6,921
HOLIDAY EVENTS	-	-	-	650	-
Lawn Care & Maintenance	-	-	-	-	89
Security Systems	-	-	478	258	1,490
Pest Control	-	-	-	-	-
Maintenance	146	1,626	12,182	6,152	19,671
Equipment Rents/Leases	-	909	1,314	3,368	585
Pole Equip. Rents/Leases	-	-	2,000	2,000	2,000
Equipment Rental	15	14	88	102	145
CONSULTING - TECHNICAL	-	-	-	-	-
LAWN CARE & MAINTENANCE	-	-	-	-	59
Outside Maintenance	3,090	-	11,507	6,565	17,508
EQUIPMENT RENTS / LEASES	-	533	-	1,866	(1,866)
POLE EQUIPMENT RENTS / LEASES	-	-	2,679	2,726	2,679
MAINTENANCE CONTRACTS	13,864	69	21,239	4,342	26,717
EQUIPMENT RENTAL	10	10	59	68	97
COMMUNICATION SERVICES	1,720	1,406	9,489	9,802	18,813
INTERNET COSTS	530	-	3,180	2,352	6,360
POSTAGE	-	-	110	-	110
TRAVEL EXPENSE	421	-	421	-	421
DUES/FEES	-	2,475	2,353	2,475	2,353
VEHICLE TAG & TITLE FEE	-	-	-	-	-
FCC FEES	5,639	3,153	28,827	19,620	54,368
GA DEPT OF REV FEES	-	-	-	-	-
TRAINING & EDUCATION -EMPLOYEE	-	250	14	8,610	29
CONTRACT LABOR	306	-	19,766	-	66,815
SOFTWARE EXPENSE	-	-	80	-	80
SHIPPING / FREIGHT	-	-	-	56	-
Total Purchased & Contracted Svc (ACTUAL)	\$ 25,741	\$ 10,485	\$ 115,955	\$ 80,314	\$ 226,072

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	12-MONTH
Purchased Property Services					
Equipment Rep & Maint -Outside	-	-	-	-	-
Equipment Rental	-	-	-	-	-
Repair & Maintenance (Outside)	-	-	-	-	-
Repair & Maintenance (Inside)	-	-	-	-	-
Maintenance Contracts	-	-	-	-	-
Other Contractual Services	-	-	-	-	-
Communication Services	349	1,662	6,800	8,936	13,291
Postage	-	-	10	-	10
INTERNET COSTS	-	-	-	-	2,000
Public Relations	-	-	-	-	260
Marketing Expense	-	-	-	-	-
Utility Bill Printing Services	-	-	-	-	-
Dues & Subscriptions	-	-	-	-	-
Fees	-	-	1,166	78	1,166
FCC Fees	-	-	-	-	-
Training & Education	-	-	-	182	-
General Liability Insurance	-	-	-	-	-
Vehicle Tag & Title Fee	-	-	-	-	-
GA Dept Revenue Fee	-	-	200	200	200
Uniform Rental	-	-	-	-	-
Contract Labor	306	9,118	19,766	46,358	14,999
Fines/Late Fee	-	-	-	-	-
Shipping/Freight	-	-	-	594	-
Total Purchased Property Services (ACTUAL)	\$ 656	\$ 10,780	\$ 27,942	\$ 56,348	\$ 31,927

TELECOM (Continued)

Supplies

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	12-MONTH
Chemicals & Pesticides	\$ -	\$ -	\$ -	\$ -	\$ -
Office Supplies & Expense	-	-	-	497	123
Postage	-	-	-	-	-
Auto Parts	-	221	2,732	2,946	4,084
CONSTRUCTION MATERIALS	-	7,951	3,745	20,696	25,780
Damage Claims	-	-	-	-	-
EXPENDABLE FLUIDS	16	8	54	8	68
Tires	-	-	167	1,777	971
Uniform Expense	-	-	3,676	-	3,676
Janitorial Supplies	216	252	2,016	1,393	3,296
Equipment Parts	8,025	33	8,591	3,055	9,963
R&M Building - Inside	-	-	202	-	202
Equipment R&M - Inside	-	-	-	-	-
System R&M - Inside	439	2,693	14,151	27,279	38,522
Sys R&M - Inside/Shipping	27	-	27	-	27
COVID-19 EXPENSES	-	236	957	555	1,118
Utility Costs	2,986	4,672	19,189	28,382	24,483
Mileage Reimbursement	-	-	-	-	-
Auto & Truck Fuel	1,052	1,141	6,308	6,613	11,578
Food	58	120	543	512	1,050
Small Tools & Minor Equipment	514	694	1,141	4,139	2,637
Small Operating Supplies	1,069	731	5,730	10,136	15,711
Uniform Expense	-	-	-	-	-
Equipment Pur (Less than \$5M)	-	-	-	-	-
OFFICE SUPPLIES & EXPENSES	38	68	1,085	840	1,265
AUTO PARTS	-	-	-	-	-
CONSTRUCTION MATERIALS	-	922	11,992	4,312	26,688
UNIFORM EXPENSE	-	-	-	683	-
JANITORIAL SUPPLIES	-	84	256	149	320
COMPUTER EQUIP NON-CAP	-	-	7,097	2,574	8,176
EQUIPMENT PARTS	7	-	606	1,442	975
REPAIRS & MAINTENANCE	2,992	2,696	37,905	6,529	50,077
COVID-19 EXPENSES	-	-	957	112	1,118
UTILITY COSTS	1,828	-	10,901	-	32,782
AUTO & TRUCK FUEL	1,052	1,141	6,308	6,689	11,508
SMALL TOOLS & MINOR EQUIPMENT	54	572	2,176	4,712	8,740
SMALL OPERATING SUPPLIES	2,587	1,155	21,706	13,925	32,016
CONSTRUCTION IN PROGRESS	-	-	-	-	-
DEPRECIATION EXPENSE	2,150	1,726	15,047	12,080	21,950
EQUIPMENT	-	-	-	-	-
Total Supplies (ACTUAL)	\$ 25,111	\$ 27,186	\$ 185,264	\$ 162,107	\$ 339,122

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	MOST RECENT 12-MONTH
Cost of Goods Sold					
Internet Costs	-	-	-	-	-
Cost of Sales Telephone	-	-	-	-	-
Cost of Sales Fiber	-	-	-	-	-
Cost of Sales Electricity	-	-	-	-	-
Cost of Sales Telephone	15,829	15,653	112,388	116,600	192,486
Cost of Sales CATV	205,215	254,654	1,531,145	1,697,375	2,867,812
Cost of Sales Internet	21,290	19,136	134,756	130,176	236,534
Cost of Sales Internet	-	-	-	-	-
Cost of Sales Fiber	8,376	9,876	52,708	69,177	105,687
Cost of Programming CATV	-	-	-	-	-
Total Cost of Goods Sold (ACTUAL)	\$ 250,710	\$ 299,319	\$ 1,830,997	\$ 2,013,328	\$ 3,402,518

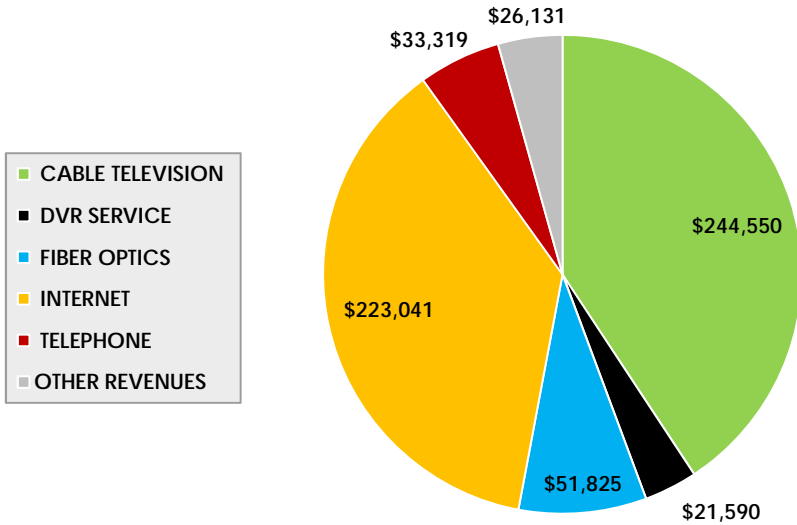
Depr, Debt Svc & Other Costs					
Damage Claims	\$ -	\$ -	\$ -	\$ -	\$ -
Miscellaneous	-	-	-	-	-
Utility Cashiers (Over)/Short	-	-	-	-	-
Utility Internal Admin Allocate	-	-	-	-	-
Depreciation Expense	14,858	14,608	102,506	103,136	160,938
INTEREST EXP - 2020 REV BONDS	43,089	-	301,624	-	374,876
Amortization Exp	-	-	-	-	-
Admin. Allocation - Adm Exp	71,902	91,336	502,929	606,937	842,995
Utility Bad Debt Expense	-	-	-	-	-
Revenue Bond Principal	-	-	-	-	-
Debt Service Interest	-	-	-	-	-
Interest Expenses (Bond)	-	-	-	-	-
Construction in Progress	-	-	-	-	-
Capital Exp-Software	-	-	-	-	-
Capital Exp - Equipment	-	-	-	-	-
Total Depr, Debt Svc & Other Costs (ACTUAL)	\$ 121,126	\$ 105,944	\$ 845,996	\$ 710,073	\$ 1,317,745

Fund Transfers					
Transfer 5% to General Fund	17,428	15,703	125,166	110,256	200,669
TRANS OUT UTIL 5% TO GEN FUND	19,156	17,623	133,212	116,802	226,607
ADMIN ALLOC - ADMIN EXPENSES	71,902	-	502,929	-	502,929
Total Fund Transfers (ACTUAL)	\$ 108,486	\$ 33,326	\$ 761,307	\$ 227,058	\$ 930,206

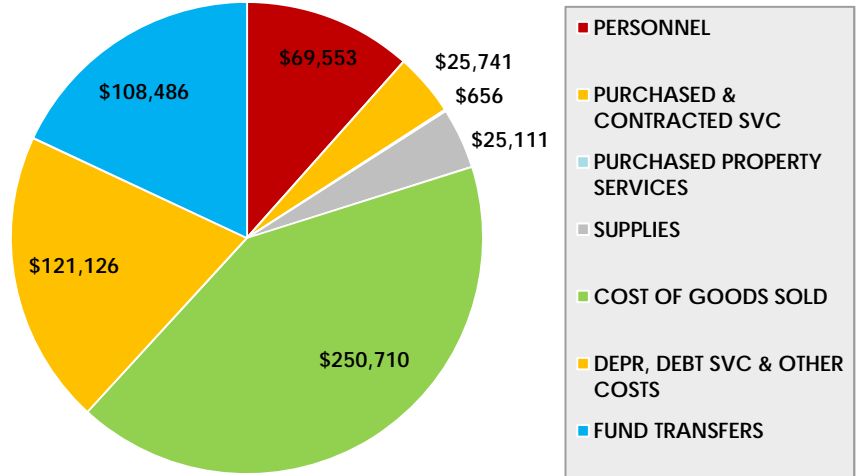
TOTAL TELECOM EXPENSES (ACTUAL)	\$ 601,384	\$ 555,041	\$ 4,292,123	\$ 3,723,045	\$ 7,164,714
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CHART 5
MONTHLY DIRECTOR'S REPORT
REVENUES & EXPENSES

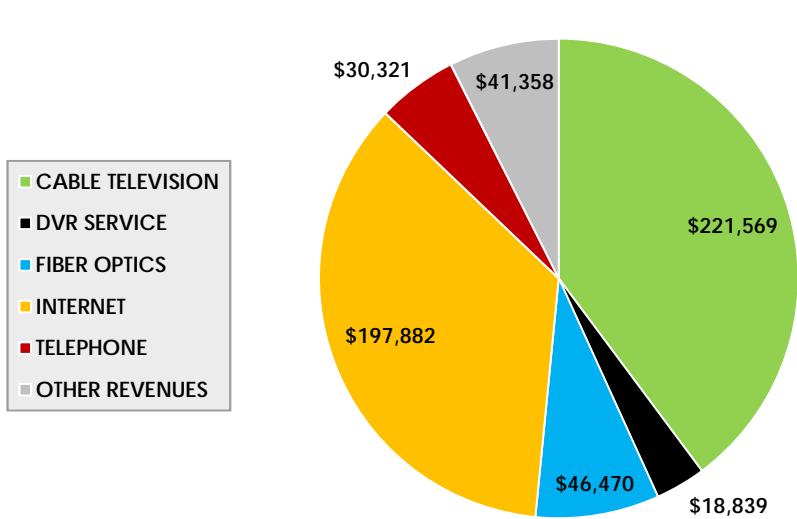
REVENUES [Jul 2021]



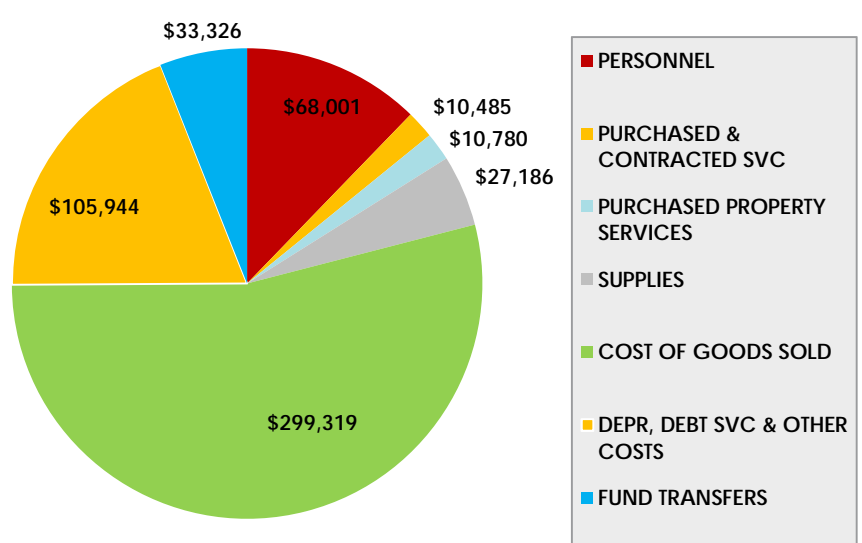
EXPENSES [Jul 2021]



REVENUES [Jul 2020]



EXPENSES [Jul 2020]



MOST RECENT
12-MONTH

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	MOST RECENT 12-MONTH
BASIC & EXPANDED BASIC					
Number of Bills	2,023	2,799	15,760	19,893	29,364
Revenue (\$)	\$ 230,744	\$ 211,749	\$ 1,775,906	\$ 1,502,640	\$ 2,799,066
Revenue Per Bill (\$)	\$ 114	\$ 76	\$ 113	\$ 76	\$ 95
MINI BASIC					
Number of Bills	277	163	1,762	1,164	2,593
Revenue (\$)	\$ 10,216	\$ 6,240	\$ 61,821	\$ 43,926	\$ 92,484
Revenue Per Bill (\$)	\$ 37	\$ 38	\$ 35	\$ 38	\$ 36
BOSTWICK					
Number of Bills	11	14	79	104	146
Revenue (\$)	\$ 1,265	\$ 1,006	\$ 9,100	\$ 7,823	\$ 14,183
Revenue Per Bill (\$)	\$ 115	\$ 72	\$ 115	\$ 75	\$ 97
BULK CATV/MOTEL					
Number of Bills	5	5	35	35	60
Revenue (\$)	\$ 1,550	\$ 1,550	\$ 10,850	\$ 10,850	\$ 18,600
Revenue Per Bill (\$)	\$ 310	\$ 310	\$ 310	\$ 310	\$ 310
SHOWTIME					
Number of Bills	2	7	24	59	51
Revenue (\$)	\$ 29	\$ 95	\$ 329	\$ 848	\$ 686
Revenue Per Bill (\$)	\$ 15	\$ 14	\$ 14	\$ 14	\$ 13
SHOW/HBO					
Number of Bills	6	9	48	58	94
Revenue (\$)	\$ 75	\$ 113	\$ 595	\$ 719	\$ 1,147
Revenue Per Bill (\$)	\$ 13	\$ 13	\$ 12	\$ 12	\$ 12
BULK SHOWTIME/MOTEL					
Number of Bills	-	-	-	-	-
Revenue (\$)	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Per Bill (\$)	\$ -	\$ -	\$ -	\$ -	\$ -
CINEMAX					
Number of Bills	2	2	14	17	25
Revenue (\$)	\$ 29	\$ 29	\$ 205	\$ 248	\$ 362
Revenue Per Bill (\$)	\$ 15	\$ 15	\$ 15	\$ 15	\$ 14

MOST RECENT
12-MONTH

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	MOST RECENT 12-MONTH
HBO					
Number of Bills	22	28	163	174	295
Revenue (\$)	\$ 322	\$ 388	\$ 2,354	\$ 2,486	\$ 4,229
Revenue Per Bill (\$)	\$ 15	\$ 14	\$ 14	\$ 14	\$ 14
MAX/HBO					
Number of Bills	6	7	41	41	76
Revenue (\$)	\$ 75	\$ 86	\$ 504	\$ 489	\$ 920
Revenue Per Bill (\$)	\$ 13	\$ 12	\$ 12	\$ 12	\$ 12
PLAYBOY					
Number of Bills	-	-	-	-	-
Revenue (\$)	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Per Bill (\$)	\$ -	\$ -	\$ -	\$ -	\$ -
STARZ					
Number of Bills	17	23	134	153	244
Revenue (\$)	\$ 244	\$ 314	\$ 1,933	\$ 2,292	\$ 3,523
Revenue Per Bill (\$)	\$ 14	\$ 14	\$ 14	\$ 15	\$ 14
DVR					
Number of Bills	133	148	993	1,034	1,740
Revenue (\$)	\$ 15,896	\$ 13,910	\$ 115,382	\$ 98,031	\$ 185,303
Revenue Per Bill (\$)	\$ 120	\$ 94	\$ 116	\$ 95	\$ 106
NON DVR					
Number of Bills	42	44	256	297	462
Revenue (\$)	\$ 4,673	\$ 3,930	\$ 31,311	\$ 29,603	\$ 49,824
Revenue Per Bill (\$)	\$ 111	\$ 89	\$ 122	\$ 100	\$ 108
SET TOP BOX					
Number of Bills	142	192	1,074	1,399	1,984
Revenue (\$)	\$ 1,764	\$ 2,629	\$ 13,227	\$ 17,515	\$ 24,273
Revenue Per Bill (\$)	\$ 12	\$ 14	\$ 12	\$ 13	\$ 12

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	MOST RECENT 12-MONTH
ADD'L DVR BOX					
Number of Bills	55	55	395	385	692
Revenue (\$)	\$ 846	\$ 794	\$ 6,076	\$ 5,534	\$ 10,354
Revenue Per Bill (\$)	\$ 15	\$ 14	\$ 15	\$ 14	\$ 15
ADD'L NON DVR BOX					
Number of Bills	17	19	102	143	187
Revenue (\$)	\$ 175	\$ 205	\$ 1,167	\$ 1,471	\$ 2,155
Revenue Per Bill (\$)	\$ 10	\$ 11	\$ 11	\$ 10	\$ 12
FIBER					
Number of Bills	188	114	1,151	766	1,742
Revenue (\$)	\$ 51,825	\$ 46,470	\$ 348,390	\$ 322,368	\$ 584,139
Revenue Per Bill (\$)	\$ 276	\$ 408	\$ 303	\$ 421	\$ 335
INTERNET					
Number of Bills	4,109	3,970	28,660	26,956	48,831
Revenue (\$)	\$ 220,471	\$ 195,106	\$ 1,500,559	\$ 1,289,670	\$ 2,511,780
Revenue Per Bill (\$)	\$ 54	\$ 49	\$ 52	\$ 48	\$ 51
WIRELESS INTERNET					
Number of Bills	37	42	272	303	469
Revenue (\$)	\$ 2,570	\$ 2,776	\$ 18,985	\$ 20,151	\$ 32,441
Revenue Per Bill (\$)	\$ 69	\$ 66	\$ 70	\$ 67	\$ 69
RESIDENTIAL PHONE					
Number of Bills	781	847	5,637	5,921	9,858
Revenue (\$)	\$ 5,550	\$ 10,218	\$ 36,991	\$ 70,571	\$ 97,807
Revenue Per Bill (\$)	\$ 7	\$ 12	\$ 7	\$ 12	\$ 10
COMMERCIAL PHONE					
Number of Bills	285	282	1,991	1,974	3,414
Revenue (\$)	\$ 18,615	\$ 20,104	\$ 131,894	\$ 143,522	\$ 223,491
Revenue Per Bill (\$)	\$ 65	\$ 71	\$ 66	\$ 73	\$ 65
TOTAL REVENUES	\$ 566,935	\$ 517,710	\$ 4,067,581	\$ 3,570,758	\$ 6,656,766

CHART 7
REVENUES FROM SALES BY CLASS
CURRENT VS. PREVIOUS FISCAL YEAR



CHART 7
REVENUES FROM SALES BY CLASS
CURRENT VS. PREVIOUS FISCAL YEAR

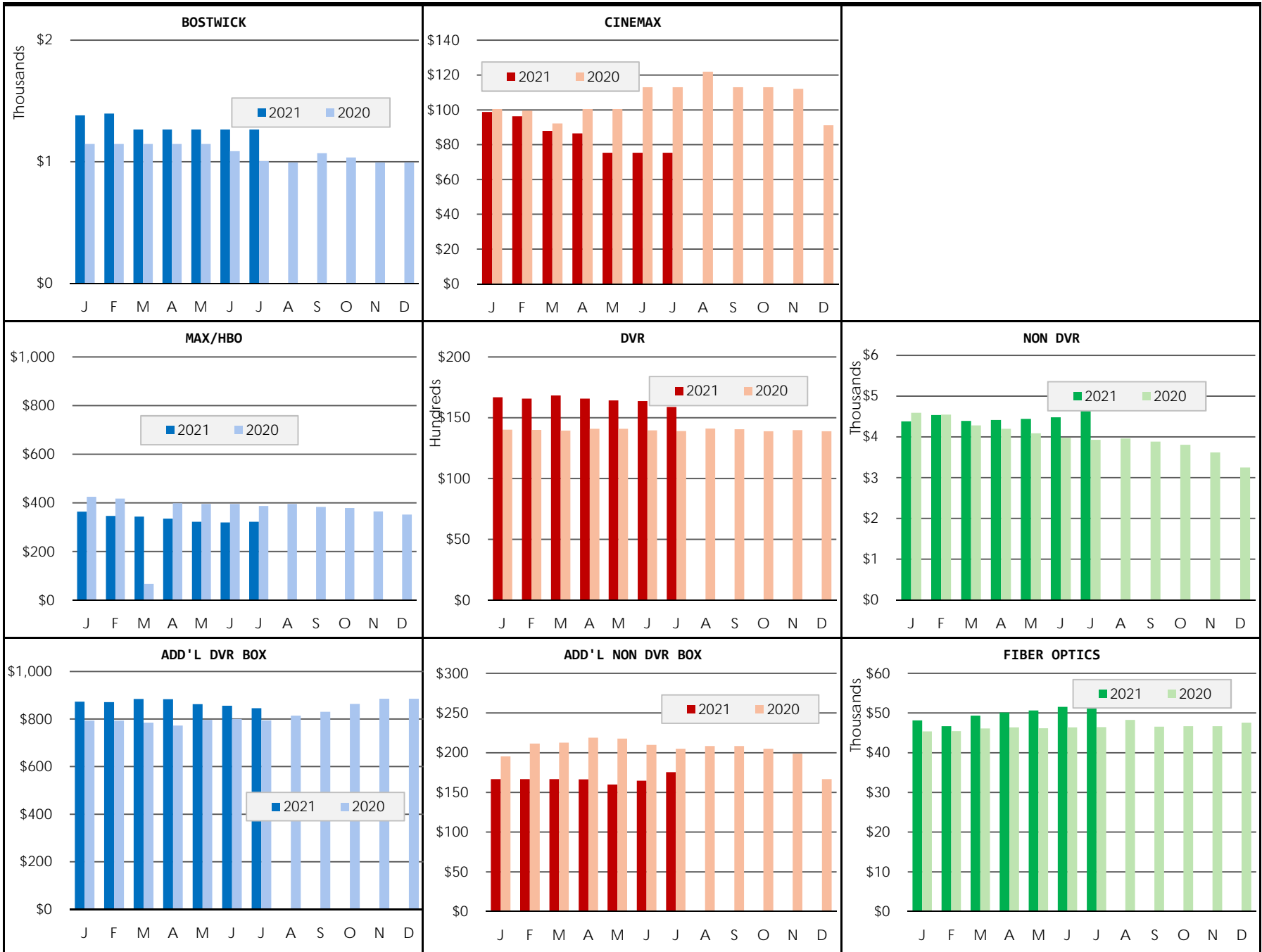
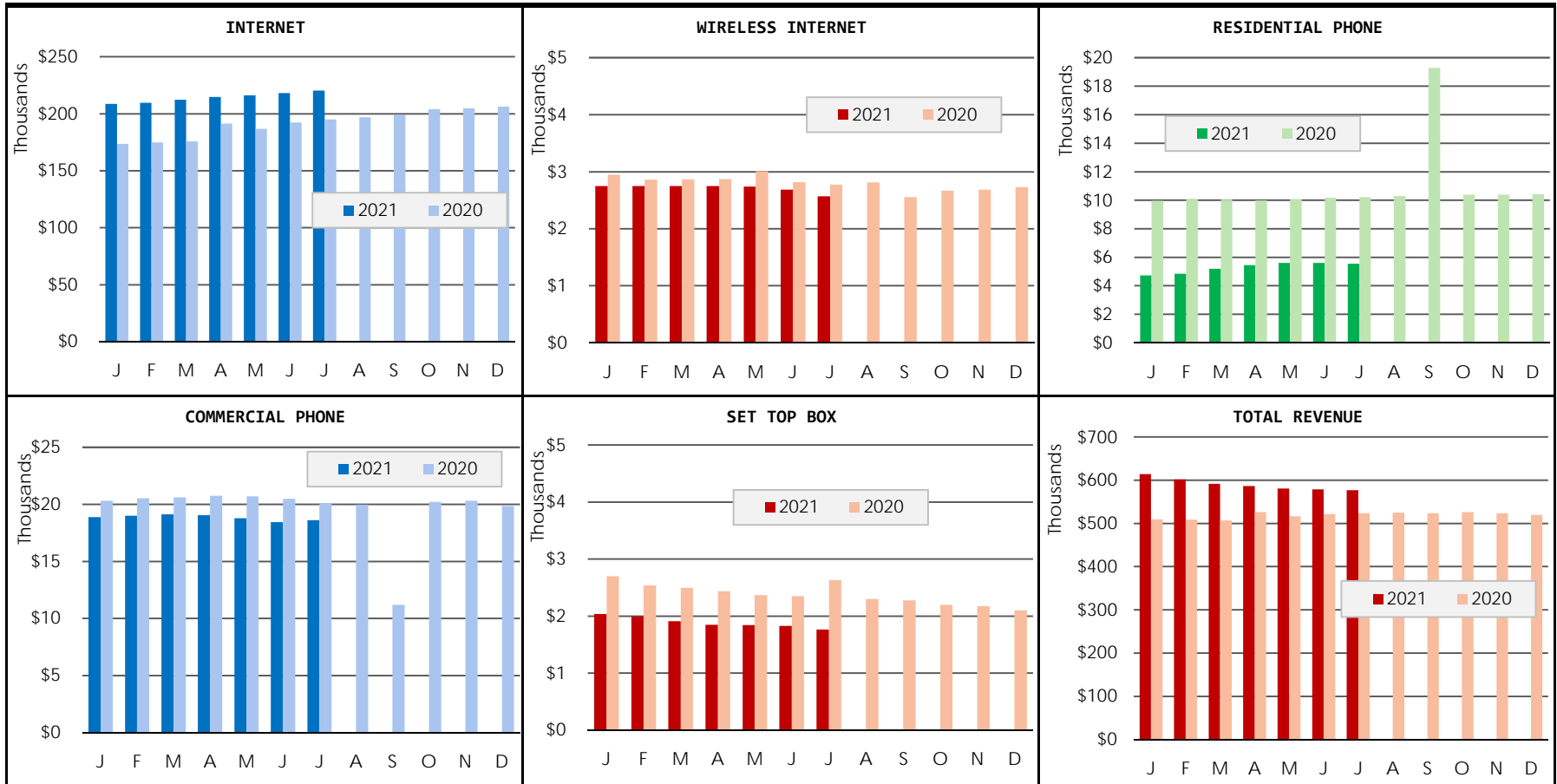


CHART 7
REVENUES FROM SALES BY CLASS
CURRENT VS. PREVIOUS FISCAL YEAR





**WATER, SEWER & GAS
MONTHLY REPORT**

**SEPTEMBER
2021**

2021 Project List

	<i>Estimated Start Date</i>	<i>Estimated Completion Date</i>	<i>Notes</i>	<i>Progress</i>	<i>Contractor or City</i>
Natural Gas					
Jacks Creek Road gas extension	Aug-21	Aug-21	Install 3500' of 2" gas main	Completed	City
Saddle Creek Subdivision Jim Daws/Wall Rd	Aug-21	Aug-21	Install 3500' of 2" gas main	Completed	City
Hwy 186 Gas main extension	Jan-21	Dec-21	13,200' of 26,000' installed to date. Line pressure tested & gassed	Started	City
Hwy 83 Good Hope to Chandler Road main extension	Jan-21	Feb-22	Install 10,500' of 4" plastic gas main	Planning Stage	City
Chandler Road to Old Monroe-Madison Rd main extension	Oct-21	Feb-22	Install 15,000' of 4" plastic gas main/will serve 5 chicken houses	Planning Stage	City
Old Monroe-Madison Rd to Morgan County line	Oct-21	Dec-21	Install 23,000' of 4" plastic gas main/will serve 4 chicken houses	Material delivered	City
Poplar Street main install/renewal	Aug-21	Sep-21	Install 2800' of new 2" plastic main and 1500' of 2" steel main renewal (under runway)	Material delivered	City
Victory Drive Gas Renewal	Jan-21	Jun-21	Replace 1500' of 2" steel with 2" plastic	Planning Stage	Planning
Harris & Lacy Streets Gas Renewal	Apr-21	Aug-21	Replace 2000' of 2" steel with 2" plastic	Planning Stage	Planning
Main extension MAB Development	Mar-21	Apr-21	Install 2"/4" plastic thru MAB development/services installed	Completed	City
Sewer Collection					
Gratis Rd/Birch St/Hwy 78 I & I repairs	Mar-21	Apr-21	Raise 12 manholes along Jacks Creek located in flood area	Completed	City
2018 CDBG	Sep-18	Jun-21	Patching complete / Paving to begin in April 2021	Completed	Contractor
Alcovy River/Hwy 138 Sewer Extension	Jan-21	Dec-21	Contractor has made bore under the 138 bridge, 85% complete	Awarded	Contractor
Sewer Treatment Plant					
Jacks Creek Plant Rehab	Jan-21	Jan-22	Pre-construction meeting held Aug 11th, work to begin Sept 1st	Awarded	Contractor
Water Distribution					
30" Raw Water Main / 20" Finished Water Main	Jan-21	Jan-22	EPD approval 7/26/21 / GDOT, Georgia Power, Transco permits submitted	Design Near Completion	Contractor
18" water main from plant to MAB Development	Apr-21	Jul-21	Main installed up to N. Broad Street	Started	Contractor
S. Broad St main extension Mears St to John's Supermarket	May-21	Jun-21	Main installed from Mears Street to Walker Street	Crew has started	City
Hwy 78 East 1500' main extension Jim Daws Rd	Mar-21	Jun-21	Install 8" main extension beginning @ Jim Daws Rd along Hwy 78 East	On hold	City
Monroe-Loganville 20" Water Transmission Main/Pump Station	Jul-18	Apr-21	Chlorination complete, still waiting on pump station contractor to finish control work	Ongoing	Contractor
Water Treatment Plant					
1,000,000 gallon clearwell @ WTP location	Jun-21	Oct-22	Construction of a new 1,000,000 gallon clearwell / crews test drill area 7/13/21	Design	Engineer

2021 CIP Completion

- 3100' extension of 4" plastic gas main along Unisia Drive (City crews)
- Hwy 11 South gas main renewal 3.8 miles of 4" steel replaced with 4" plastic (Contractor)
- Water model of the water distribution system - Weideman & Singleton
- Installed 4000' of 2" gas main in The Fields @ Alcovy Mountain to serve 61 lots (City crews)
- Installed 1500' of 10" water main along Piedmont Industrial Parkway (City crews)
- Installed 1000' of water main along Jim Daws Spur (City crews)
- Installed 2800' of water main along Poplar Street to serve 4 homes and looped to provide pressure improvements (City crews)
- Pipeburst 550' of 6" clay sewer main along S. Madison Ave. (City crews)
- Pipeburst 400' of 6" clay sewer main along Church Street (City crews)
- Installed 3500' of 20" water main along Cedar Ridge Rd (Contractor)
- Purchased 2021 Ford F450 service body (Gas Department)
- Installed 1750' of 2" plastic gas main on Holly Jones Rd (City crews)
- Replace 3000' of bare steel 2" gas main along Carwood Drive (Contractor)
- Emergency purchase of pump for Grand Haven subdivision (51,779.87 from Xylem Water Solutions)
- Replaced 3000' of 2" gas main with 2" plastic on Southview, Reese, Bolton, Pierce, and Olympian Way (City crews)

WATER / WASTEWATER: MONTHLY DIRECTOR'S REPORT

REPORTING PERIOD: 07/2021 | FY 2021



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DETAIL REVENUES	6
DETAIL EXPENSES	7-8

CITY OF MONROE: WATER & SEWER FUND OVERVIEW

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	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	FY 2021	AS BUDGET	FY 2020
REVENUES	\$ 0.835M	\$ 0.981M	\$ 1.286M	\$ 0.815M	\$ 0.930M	\$ 0.906M	\$ 1.052M						\$ 6.804M	\$ 11.650M	\$ 6.521M
PERSONNEL COSTS	\$ 0.196M	\$ 0.195M	\$ 0.190M	\$ 0.334M	\$ 0.208M	\$ 0.195M	\$ 0.219M						\$ 1.539M	\$ 2.531M	\$ 1.286M
CONTRACTED SVC	\$ 0.011M	\$ 0.032M	\$ 0.025M	\$ 0.060M	\$ 0.037M	\$ 0.093M	\$ 0.064M						\$ 0.323M	\$ 1.395M	\$ 0.537M
SUPPLIES	\$ 0.079M	\$ 0.138M	\$ 0.158M	\$ 0.123M	\$ 0.135M	\$ 0.185M	\$ 0.164M						\$ 0.980M	\$ 1.916M	\$ 0.893M
CAPITAL OUTLAY	\$ 0.214M	\$ 0.220M	\$ 0.286M	\$ 0.271M	\$ 0.229M	\$ 0.238M	\$ 0.247M						\$ 1.706M	\$ 2.607M	\$ 1.361M
FUND TRANSFERS	\$ 0.048M	\$ 0.045M	\$ 0.045M	\$ 0.044M	\$ 0.044M	\$ 0.048M	\$ 0.050M						\$ 0.325M	\$ 1.559M	\$ 0.307M
DEPRECIATION	\$ 0.166M	\$ 0.166M	\$ 0.165M	\$ 0.162M	\$ 0.166M	\$ 0.165M	\$ 0.170M						\$ 1.159M	\$ -	\$ 1.080M
EXPENSES	\$ 0.713M	\$ 0.796M	\$ 0.870M	\$ 0.994M	\$ 0.819M	\$ 0.925M	\$ 0.914M						\$ 6.032M	\$ 10.009M	\$ 5.464M
MARGIN	\$ 0.121M	\$ 0.185M	\$ 0.416M	\$ (0.180M)	\$ 0.111M	\$ (0.019M)	\$ 0.138M						\$ 0.772M	\$ 1.641M	\$ 1.057M

12-MO PROCESSED KGAL



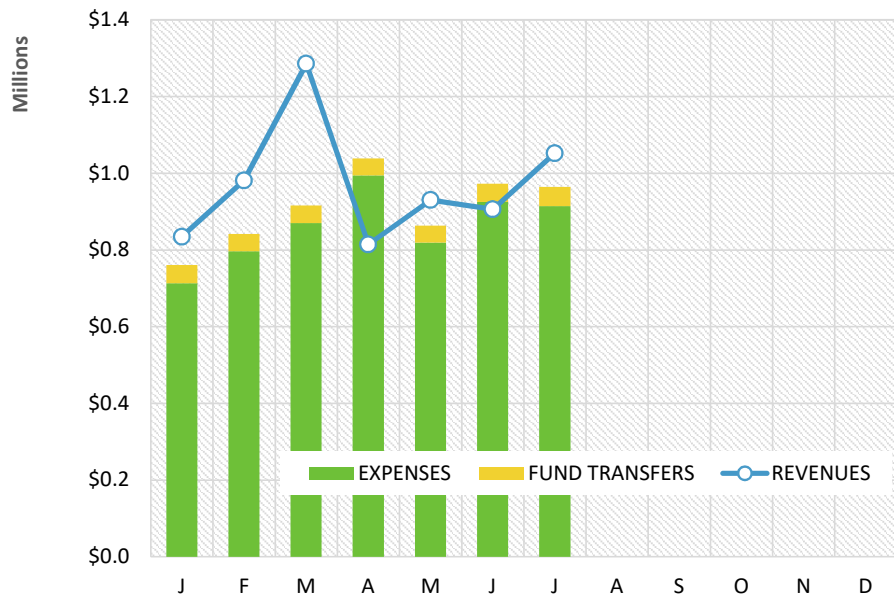
12-MO RETAIL KGAL



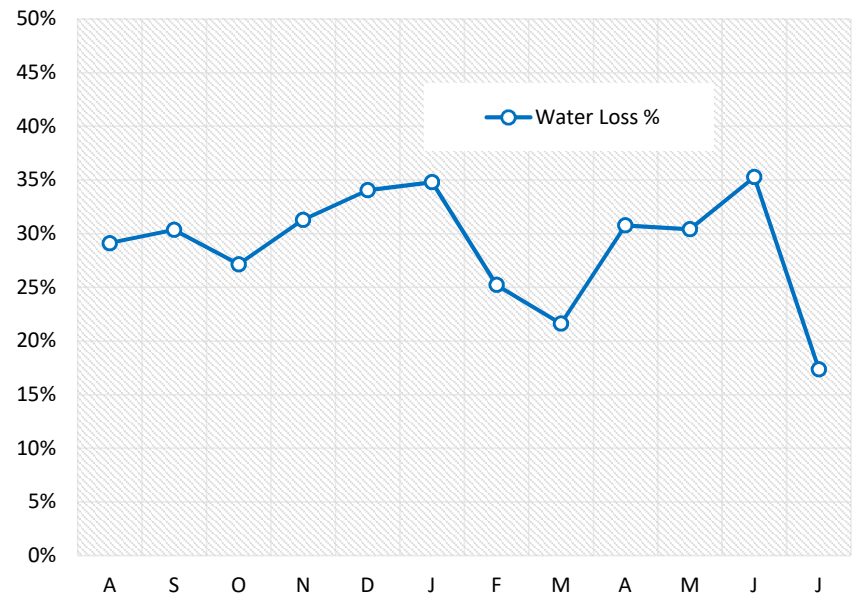
ROLLING 12-MO LINE LOSS

28.95%

REVENUES vs. EXPENSES



MONTHLY WATER PROCESSED VS SOLD



RETAIL SALES REPORT

[Jan 2021](#)
[Feb 2021](#)
[Mar 2021](#)
[Apr 2021](#)
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[Nov 2021](#)
[Dec 2021](#)

CUSTOMER COUNT - WATER

Residential	8,653	8,684	8,740	8,745	8,763	8,802	8,801
Commercial	939	947	939	943	948	958	965
Industrial	1	1	1	1	1	1	1
Water Authority	1	1	1	1	1	1	1
Residential Sprinkler	461	474	482	496	516	527	532
Commercial Sprinkler	83	85	87	84	85	85	85
Total	10,138	10,192	10,250	10,270	10,314	10,374	10,385

YOY Δ	0.40%	0.49%	0.32%	0.05%	0.18%	0.13%	-1.25%
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KGALLONS - WATER

Residential	34,525	35,039	32,670	32,123	34,850	36,901	41,724
Commercial	9,962	10,087	9,595	10,119	12,524	13,408	14,425
Industrial	1,295	2,502	1,584	1,395	1,094	1,659	1,090
Water Authority	-	22	-	15	92	5,257	20,674
Total	45,782	47,650	43,849	43,652	48,560	57,225	77,913

YOY Δ	1.58%	6.64%	-1.00%	0.69%	6.40%	10.47%	44.08%
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REVENUE - WATER

Residential	\$ 0.297M	\$ 0.303M	\$ 0.285M	\$ 0.281M	\$ 0.300M	\$ 0.318M	\$ 0.354M
Commercial	\$ 0.078M	\$ 0.075M	\$ 0.077M	\$ 0.080M	\$ 0.094M	\$ 0.099M	\$ 0.106M
Industrial	\$ 0.005M	\$ 0.010M	\$ 0.007M	\$ 0.006M	\$ 0.005M	\$ 0.007M	\$ 0.005M
Water Authority	\$ 0.000M	\$ 0.000M	\$ 0.000M	\$ 0.000M	\$ 0.001M	\$ 0.021M	\$ 0.084M
Total	\$ 0.380M	\$ 0.388M	\$ 0.369M	\$ 0.367M	\$ 0.399M	\$ 0.445M	\$ 0.548M

YOY Δ	2.13%	6.08%	1.94%	2.60%	6.29%	7.64%	25.86%
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RETAIL SALES REPORT

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[Dec 2021](#)

CUSTOMER COUNT - SEWER

Residential	6,635	6,660	6,707	6,702	6,710	6,737	6,753
Commercial	782	793	783	786	791	793	799
Water Authority	1	1	1	1	1	1	1
Total	7,418	7,454	7,491	7,489	7,502	7,531	7,553
YOY Δ	3.33%	3.40%	3.32%	2.96%	3.13%	3.05%	4.38%

KGALLONS - SEWER

Residential	34,525	35,039	32,670	32,123	34,850	36,901	41,724
Commercial	9,962	10,087	9,595	10,119	12,524	13,408	14,425
Water Authority	-	22	-	15	92	5,257	20,674
Total	44,487	45,148	42,265	42,257	47,466	55,566	76,823
YOY Δ	2.32%	5.02%	-0.23%	1.04%	7.67%	10.38%	46.12%

REVENUE - SEWER

Residential	\$ 0.211M	\$ 0.210M	\$ 0.205M	\$ 0.204M	\$ 0.210M	\$ 0.212M	\$ 0.138M
Commercial	\$ 0.117M	\$ 0.120M	\$ 0.118M	\$ 0.122M	\$ 0.142M	\$ 0.141M	\$ 0.138M
Water Authority	\$ 0.001M	\$ 0.001M	\$ 0.001M	\$ 0.001M	\$ 0.001M	\$ 0.002M	\$ 0.002M
Total	\$ 0.328M	\$ 0.331M	\$ 0.324M	\$ 0.327M	\$ 0.353M	\$ 0.354M	\$ 0.278M
YOY Δ	0.37%	1.68%	-1.21%	1.91%	14.47%	12.01%	-17.80%

SALES STATISTICS

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[YTD](#)

AVERAGE KGALLONS/CUSTOMER (WATER)

Residential	4	4	4	4	4	4	5	4
Commercial	11	11	10	11	13	14	15	12
Industrial	1,295	2,502	1,584	1,395	1,094	1,659	1,090	1,517
Water Authority	-	22	-	15	92	5,257	20,674	3,723

AVERAGE \$/CUSTOMER (WATER)

Residential	\$34	\$35	\$33	\$32	\$34	\$36	\$40	\$35
Commercial	\$83	\$79	\$82	\$84	\$99	\$103	\$109	\$91
Industrial	\$5,401	\$10,277	\$6,568	\$5,805	\$4,589	\$6,871	\$4,572	\$6,297
Water Authority	\$169	\$258	\$169	\$229	\$540	\$21,407	\$83,692	\$15,209

AVERAGE \$/KGALLON (WATER)

Residential	\$8.5939	\$8.6461	\$8.7351	\$8.7626	\$8.6174	\$8.6127	\$8.4797	\$8.6354
Commercial	\$7.8103	\$7.3874	\$8.0235	\$7.8586	\$7.4857	\$7.3756	\$7.3201	\$7.6087
Industrial	\$4.1703	\$4.1074	\$4.1465	\$4.1610	\$4.1943	\$4.1417	\$4.1948	\$4.1594
Water Authority		\$11.7105		\$15.2900	\$5.8742	\$4.0721		\$9.2367
Average	\$6.8582	\$7.9628	\$6.9684	\$9.0180	\$6.5429	\$6.0505	\$6.6649	\$7.1523

AVERAGE KGALLONS/CUSTOMER (SEWER)

Residential	5	5	5	5	5	5	6	5
Commercial	13	13	12	13	16	17	18	14
Water Authority	-	22	-	15	92	5,257	20,674	3,723

AVERAGE \$/CUSTOMER (SEWER)

Residential	\$32	\$32	\$31	\$30	\$31	\$31	\$20	\$30
Commercial	\$149	\$151	\$150	\$155	\$180	\$178	\$173	\$162
Water Authority	\$1,247	\$1,380	\$1,333	\$1,237	\$1,210	\$1,604	\$1,626	\$1,377

AVERAGE \$/KGALLON (SEWER)

Residential	\$6.0971	\$5.9879	\$6.2885	\$6.3392	\$6.0164	\$5.7406	\$3.3098	\$5.6828
Commercial	\$11.7091	\$11.8748	\$12.2610	\$12.0612	\$11.3684	\$10.5134	\$9.5737	\$11.3374
Water Authority		\$62.7486		\$82.4373		\$0.3052		\$48.4970
Average	\$8.9031	\$26.8705	\$9.2747	\$33.6126	\$8.6924	\$5.5197	\$6.4417	\$14.1878

MOST RECENT
12-MONTH

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	
SALES REVENUES					
WATER SALES	\$ 544,121	\$ 471,385	\$ 2,868,434	\$ 2,698,713	\$ 5,036,237
SEWER SALES	\$ 354,683	\$ 349,290	\$ 2,351,379	\$ 2,257,812	\$ 4,068,696
SALES REVENUES (ACTUAL)	\$ 898,804	\$ 820,675	\$ 5,219,813	\$ 4,956,525	\$ 9,104,933
AS BUDGET	\$ 811,667	\$ 758,333	\$ 5,681,667	\$ 5,308,333	Not Applicable
% ACTUAL TO BUDGET	110.74%	108.22%	91.87%	93.37%	Not Applicable

OTHER REVENUES

WATER

OP REVENUE	\$ 228	\$ (113)	\$ 1,333	\$ 912	\$ 124
MISC REVENUE	\$ 5,573	\$ 5,296	\$ 42,115	\$ 39,209	\$ 5,218
SALE OF FIXED ASSETS	\$ -	\$ -	\$ -	\$ -	\$ -
TAP FEES	\$ 68,216	\$ 121,371	\$ 426,700	\$ 349,163	\$ 54,650
REIMB DAMAGE PROP	\$ -	\$ -	\$ 1,533	\$ -	\$ -
OTHER REV	\$ -	\$ -	\$ -	\$ -	\$ -
ADMIN ALLOC WATER	\$ 9,135	\$ 17,288	\$ 75,763	\$ 127,843	\$ 13,637
INT/INVEST INCOME	\$ -	\$ -	\$ -	\$ -	\$ -
STATE GRANTS	\$ -	\$ -	\$ -	\$ -	\$ -
FEDERAL GRANT	\$ -	\$ -	\$ -	\$ -	\$ -
TRANSFER FROM CIP_WATER	\$ -	\$ -	\$ -	\$ -	\$ -
OTHER REVENUES (WATER)	\$ 83,151	\$ 143,842	\$ 547,444	\$ 517,127	\$ 73,629

SEWER

OP REVENUE	\$ 22,063	\$ 23,850	\$ 192,768	\$ 117,330	\$ 21,500
FEDERAL GRANT	\$ -	\$ -	\$ -	\$ -	\$ -
MISC REVENUE	\$ -	\$ 1,200	\$ 32	\$ 17,203	\$ -
TAP FEES	\$ 39,000	\$ 96,723	\$ 768,250	\$ 779,464	\$ 39,500
SALE OF ASSETS - SEWAGE	\$ -	\$ -	\$ -	\$ -	\$ -
CUST ACCT FEES	\$ -	\$ -	\$ -	\$ -	\$ -
OTHER REV	\$ -	\$ -	\$ -	\$ -	\$ -
FEDERAL GRANT CDBG 2018	\$ -	\$ -	\$ -	\$ -	\$ -
ADMIN ALLOC SEW COLLECT	\$ -	\$ -	\$ -	\$ -	\$ -
OTHER - UTILITY	\$ -	\$ -	\$ -	\$ 5,220	\$ -
INT/INVEST INCOME	\$ -	\$ -	\$ -	\$ -	\$ -
STATE GRANTS	\$ -	\$ -	\$ -	\$ -	\$ -
TRANSFER FROM CIP_SEWER	\$ -	\$ -	\$ -	\$ -	\$ -
ADMIN ALLOC SEWAGE	\$ 9,135	\$ 17,288	\$ 75,763	\$ 127,843	\$ 13,637
OTHER REVENUES (SEWER)	\$ 70,197	\$ 139,061	\$ 1,036,813	\$ 1,047,060	\$ 74,637

OTHER REVENUES (TOTAL)	\$ 153,349	\$ 282,903	\$ 1,584,257	\$ 1,564,187	\$ 148,266
AS BUDGET	\$ 148,798	\$ 126,768	\$ 1,041,586	\$ 887,373	Not Applicable
% ACTUAL TO BUDGET	103.06%	223.17%	152.10%	176.27%	Not Applicable
TOTAL REVENUES (ACTUAL)	\$ 1,052,153	\$ 1,103,577	\$ 6,804,070	\$ 6,520,713	\$ 9,253,199
AS BUDGET	\$ 960,465	\$ 885,101	\$ 6,723,253	\$ 6,195,706	Not Applicable
% ACTUAL TO BUDGET	109.55%	124.68%	101.20%	105.25%	Not Applicable

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	12-MONTH
PERSONNEL	\$ 219,485	\$ 176,843	\$ 1,538,956	\$ 1,286,272	\$ 2,546,767
CONTRACTED SERVICES	\$ 64,206	\$ 112,373	\$ 322,813	\$ 536,500	\$ 631,391
SUPPLIES	\$ 163,634	\$ 147,881	\$ 980,398	\$ 894,253	\$ 1,806,272
CAPITAL OUTLAY	\$ 246,828	\$ 206,245	\$ 1,706,468	\$ 1,361,385	\$ 3,331,350
FUND TRANSFERS	\$ 50,228	\$ 46,682	\$ 324,655	\$ 307,084	\$ 584,414
DEPRECIATION	\$ 169,721	\$ 154,888	\$ 1,158,504	\$ 1,079,799	\$ 1,793,127
TOTAL	\$ 914,102	\$ 844,911	\$ 6,031,794	\$ 5,465,294	\$ 10,693,320

WATER

WATER TREATMENT PLANT

PERSONNEL					
Compensation	\$ 36,888	\$ 22,911	\$ 247,499	\$ 164,217	\$ 401,057
PERSONNEL (ACTUAL)	\$ 56,300	\$ 37,916	\$ 371,242	\$ 265,697	\$ 609,736
AS BUDGET	\$ 53,887	\$ 48,774	\$ 377,212	\$ 341,415	Not Applicable
% ACTUAL TO BUDGET	104.48%	77.74%	98.42%	77.82%	Not Applicable
CONTRACTED SERVICES					
CONTRACTED SERVICES (ACTUAL)	\$ 23,558	\$ 9,870	\$ 76,315	\$ 84,807	\$ 183,593
AS BUDGET	\$ 23,763	\$ 24,693	\$ 166,338	\$ 172,853	Not Applicable
% ACTUAL TO BUDGET	99.14%	39.97%	45.88%	49.06%	Not Applicable
SUPPLIES					
SUPPLIES (ACTUAL)	\$ 46,504	\$ 38,117	\$ 337,603	\$ 296,141	\$ 643,798
AS BUDGET	\$ 57,921	\$ 52,138	\$ 405,446	\$ 364,963	Not Applicable
% ACTUAL TO BUDGET	80.29%	73.11%	83.27%	81.14%	Not Applicable
CAPITAL OUTLAY					
Capital Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -
CAPITAL OUTLAY (ACTUAL)	\$ 172,260	\$ 103,109	\$ 1,195,211	\$ 682,236	\$ 2,435,049
AS BUDGET	\$ 85,194	\$ 78,614	\$ 596,359	\$ 550,296	Not Applicable
% ACTUAL TO BUDGET	202.20%	131.16%	200.42%	123.98%	Not Applicable
DEPRECIATION					
DEPRECIATION (ACTUAL)	\$ 89,031	\$ 86,404	\$ 625,709	\$ 604,597	\$ 975,887
FUND TRANSFERS	\$ 27,856	\$ 26,283	\$ 173,365	\$ 163,911	\$ 318,820
AS BUDGET	\$ 70,832	\$ 66,360	\$ 495,823	\$ 464,523	Not Applicable
% ACTUAL TO BUDGET	39.33%	39.61%	34.97%	35.29%	Not Applicable

WATER DISTRIBUTION SYSTEM

PERSONNEL					
PERSONNEL (ACTUAL)	\$ 60,708	\$ 46,426	\$ 485,886	\$ 328,128	\$ 689,763
AS BUDGET	\$ 63,678	\$ 50,449	\$ 445,745	\$ 353,144	Not Applicable
% ACTUAL TO BUDGET	95.34%	92.03%	109.01%	92.92%	Not Applicable
CONTRACTED SERVICES					
CONTRACTED SERVICES (ACTUAL)	\$ 4,845	\$ 13,105	\$ 62,861	\$ 30,637	\$ 109,502
AS BUDGET	\$ 15,629	\$ 14,879	\$ 109,404	\$ 104,154	Not Applicable
% ACTUAL TO BUDGET	31.00%	88.07%	57.46%	29.42%	Not Applicable
SUPPLIES					
SUPPLIES (ACTUAL)	\$ 40,821	\$ 34,535	\$ 218,072	\$ 143,089	\$ 412,064
AS BUDGET	\$ 24,604	\$ 23,342	\$ 172,229	\$ 163,392	Not Applicable
% ACTUAL TO BUDGET	165.91%	147.96%	126.62%	87.57%	Not Applicable
CAPITAL OUTLAY					
CAPITAL OUTLAY (ACTUAL)	\$ -	\$ -	\$ -	\$ -	\$ -
AS BUDGET	\$ -	\$ -	\$ -	\$ -	Not Applicable
% ACTUAL TO BUDGET	0.00%	0.00%	0.00%	0.00%	Not Applicable
TOTAL WATER EXPENSES (ACTUAL)	\$ 521,885	\$ 395,764	\$ 3,546,263	\$ 2,599,243	\$ 6,378,213
AS BUDGET	\$ 395,508	\$ 359,248	\$ 2,768,555	\$ 2,514,739	Not Applicable
% ACTUAL TO BUDGET	131.95%	110.16%	128.09%	103.36%	Not Applicable

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	
WASTEWATER					
STORMWATER					
PERSONNEL					
PERSONNEL (ACTUAL)	\$ 22,640	\$ 22,841	\$ 126,491	\$ 175,780	\$ 288,187
AS BUDGET	\$ 15,550	\$ 30,591	\$ 108,853	\$ 214,139	Not Applicable
% ACTUAL TO BUDGET	145.59%	74.66%	116.20%	82.09%	Not Applicable
CONTRACTED SERVICES					
CONTRACTED SERVICES (ACTUAL)	\$ 564	\$ 5,581	\$ 7,384	\$ 28,337	\$ 25,337
AS BUDGET	\$ 8,001	\$ 8,446	\$ 56,006	\$ 59,121	Not Applicable
% ACTUAL TO BUDGET	7.05%	66.08%	13.18%	47.93%	Not Applicable
SUPPLIES					
SUPPLIES (ACTUAL)	\$ 1,933	\$ 2,932	\$ 20,688	\$ 19,399	\$ 42,344
AS BUDGET	\$ 57,921	\$ 52,138	\$ 405,446	\$ 364,963	Not Applicable
% ACTUAL TO BUDGET	3.34%	5.62%	5.10%	5.32%	Not Applicable
CAPITAL OUTLAY					
Capital Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -
CAPITAL OUTLAY (ACTUAL)	\$ 74,568	\$ 103,136	\$ 511,258	\$ 679,149	\$ 896,301
AS BUDGET	\$ 132,086	\$ 124,431	\$ 924,603	\$ 871,016	Not Applicable
% ACTUAL TO BUDGET	56.45%	82.89%	55.29%	77.97%	Not Applicable
DEPRECIATION	\$ 2,646	\$ 1,689	\$ 11,453	\$ 8,705	\$ 19,691
DEPRECIATION (ACTUAL)	\$ 2,646	\$ 1,689	\$ 11,453	\$ 8,705	\$ 19,691
SEWAGE					
FUND TRANSFERS					
FUND TRANSFERS (ACTUAL)	\$ 22,372	\$ 20,399	\$ 151,291	\$ 143,173	\$ 265,594
AS BUDGET	\$ 59,125	\$ 52,800	\$ 413,875	\$ 369,600	Not Applicable
% ACTUAL TO BUDGET	37.84%	38.63%	36.55%	38.74%	Not Applicable
DEPRECIATION	\$ 78,043	\$ 66,795	\$ 521,342	\$ 466,498	\$ 797,549
DEPRECIATION (ACTUAL)	\$ 78,043	\$ 66,795	\$ 521,342	\$ 466,498	\$ 797,549
SEWAGE COLLECTION					
PERSONNEL					
PERSONNEL (ACTUAL)	\$ 39,667	\$ 32,693	\$ 260,246	\$ 245,035	\$ 452,147
AS BUDGET	\$ 39,237	\$ 42,418	\$ 274,662	\$ 296,924	Not Applicable
% ACTUAL TO BUDGET	101.10%	77.07%	94.75%	82.52%	Not Applicable
CONTRACTED SERVICES					
CONTRACTED SERVICES (ACTUAL)	\$ 11,206	\$ 5,793	\$ 42,117	\$ 48,620	\$ 71,166
AS BUDGET	\$ 8,313	\$ 8,040	\$ 58,188	\$ 56,277	Not Applicable
% ACTUAL TO BUDGET	134.80%	72.06%	72.38%	86.39%	Not Applicable
SUPPLIES					
SUPPLIES (ACTUAL)	\$ 12,736	\$ 9,439	\$ 57,566	\$ 71,648	\$ 91,575
AS BUDGET	\$ 10,179	\$ 9,904	\$ 71,254	\$ 69,329	Not Applicable
% ACTUAL TO BUDGET	125.11%	95.30%	80.79%	103.34%	Not Applicable
SEWAGE TREATMENT					
PERSONNEL					
PERSONNEL (ACTUAL)	\$ 40,170	\$ 36,967	\$ 295,091	\$ 271,631	\$ 506,934
AS BUDGET	\$ 38,559	\$ 37,113	\$ 269,911	\$ 259,794	Not Applicable
% ACTUAL TO BUDGET	104.18%	99.61%	109.33%	104.56%	Not Applicable
CONTRACTED SERVICES					
CONTRACTED SERVICES (ACTUAL)	\$ 24,032	\$ 78,024	\$ 134,136	\$ 344,099	\$ 241,793
AS BUDGET	\$ 60,517	\$ 55,138	\$ 423,617	\$ 385,963	Not Applicable
% ACTUAL TO BUDGET	39.71%	141.51%	31.66%	89.15%	Not Applicable
SUPPLIES					
SUPPLIES (ACTUAL)	\$ 61,640	\$ 62,857	\$ 346,469	\$ 363,977	\$ 616,491
AS BUDGET	\$ 58,604	\$ 54,530	\$ 410,229	\$ 381,712	Not Applicable
% ACTUAL TO BUDGET	105.18%	115.27%	84.46%	95.35%	Not Applicable
TOTAL EXPENSES (ACTUAL)	\$ 392,217	\$ 449,146	\$ 2,485,531	\$ 2,866,051	\$ 4,315,108
AS BUDGET	\$ 488,092	\$ 475,548	\$ 3,416,643	\$ 3,328,837	Not Applicable
% ACTUAL TO BUDGET	80.36%	94.45%	72.75%	86.10%	Not Applicable

NATURAL GAS MONTHLY DIRECTOR'S REPORT

REPORTING PERIOD: 07/2021 | FY 2021



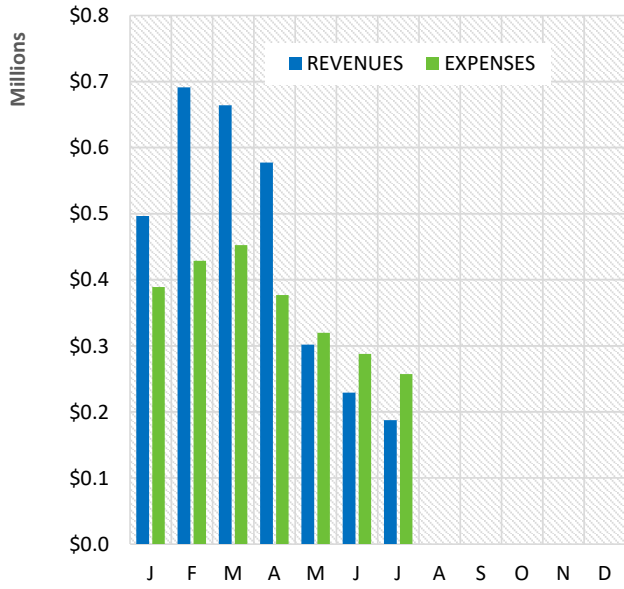
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CITY OF MONROE: NATURAL GAS FUND OVERVIEW

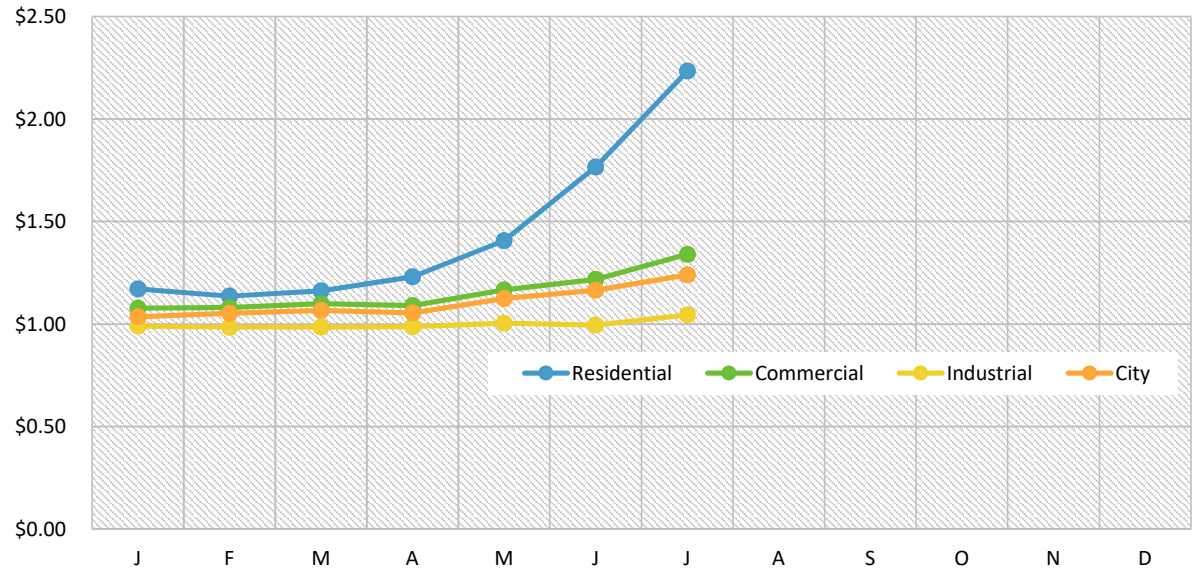
	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	FY 2021	AS BUDGET	FY 2020
REVENUES	\$ 0.496M	\$ 0.691M	\$ 0.664M	\$ 0.578M	\$ 0.302M	\$ 0.229M	\$ 0.188M						\$ 3.147M	\$ 2.376M	\$ 2.555M
PERSONNEL COSTS	\$ 0.048M	\$ 0.046M	\$ 0.047M	\$ 0.066M	\$ 0.057M	\$ 0.044M	\$ 0.059M						\$ 0.366M	\$ 0.387M	\$ 0.297M
CONTRACTED SVC	\$ 0.007M	\$ 0.015M	\$ 0.025M	\$ 0.012M	\$ 0.020M	\$ 0.030M	\$ (0.000M)						\$ 0.109M	\$ 0.137M	\$ 0.071M
SUPPLIES	\$ 0.238M	\$ 0.257M	\$ 0.224M	\$ 0.150M	\$ 0.128M	\$ 0.103M	\$ 0.091M						\$ 1.190M	\$ 0.955M	\$ 0.889M
CAPITAL OUTLAY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						\$ -	\$ -	\$ -
FUND TRANSFERS	\$ 0.096M	\$ 0.111M	\$ 0.157M	\$ 0.149M	\$ 0.115M	\$ 0.110M	\$ 0.108M						\$ 0.845M	\$ 0.853M	\$ 0.884M
EXPENSES	\$ 0.389M	\$ 0.429M	\$ 0.452M	\$ 0.377M	\$ 0.320M	\$ 0.288M	\$ 0.257M						\$ 2.511M	\$ 2.332M	\$ 2.140M
MARGIN	\$ 0.108M	\$ 0.262M	\$ 0.212M	\$ 0.201M	\$ (0.018M)	\$ (0.059M)	\$ (0.070M)						\$ 0.636M	\$ 0.044M	\$ 0.415M



REVENUES vs. EXPENSES



AVERAGE \$/CCF



RETAIL SALES REPORT

Jan 2021 Feb 2021 Mar 2021 Apr 2021 May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021

CUSTOMER COUNT

Residential	3,437	3,451	3,472	3,478	3,489	3,493	3,503
Commercial	555	556	554	559	563	565	568
Industrial	6	7	7	7	7	7	7
City	21	21	21	21	21	20	20
Total	4,021	4,037	4,056	4,067	4,082	4,087	4,100
Year-Over-Year Δ	3.39%	3.51%	3.36%	3.59%	4.37%	4.13%	4.19%

CCF

Residential	0.248M	0.337M	0.321M	0.199M	0.108M	0.058M	0.036M
Commercial	0.140M	0.215M	0.189M	0.139M	0.093M	0.069M	0.052M
Industrial	0.012M	0.024M	0.022M	0.017M	0.005M	0.009M	0.002M
City	0.012M	0.018M	0.016M	0.009M	0.005M	0.004M	0.003M
Total	0.430M	0.606M	0.565M	0.383M	0.229M	0.154M	0.108M
Year-Over-Year Δ	1.98%	36.37%	19.41%	18.81%	39.43%	11.71%	0.96%

REVENUE

Residential	\$ 0.291M	\$ 0.383M	\$ 0.373M	\$ 0.245M	\$ 0.152M	\$ 0.102M	\$ 0.081M
Commercial	\$ 0.151M	\$ 0.233M	\$ 0.208M	\$ 0.152M	\$ 0.109M	\$ 0.083M	\$ 0.070M
Industrial	\$ 0.012M	\$ 0.023M	\$ 0.021M	\$ 0.017M	\$ 0.005M	\$ 0.009M	\$ 0.002M
Other	\$ 0.016M	\$ 0.012M	\$ 0.016M	\$ 0.016M	\$ 0.016M	\$ 0.015M	\$ 0.015M
City	\$ 0.012M	\$ 0.019M	\$ 0.017M	\$ 0.010M	\$ 0.006M	\$ 0.004M	\$ 0.004M
Total	\$ 0.482M	\$ 0.670M	\$ 0.635M	\$ 0.441M	\$ 0.289M	\$ 0.213M	\$ 0.172M
Year-Over-Year Δ	6.11%	44.53%	31.29%	29.07%	42.69%	19.97%	17.49%

SALES STATISTICS

[Jan 2021](#)
[Feb 2021](#)
[Mar 2021](#)
[Apr 2021](#)
[May 2021](#)
[Jun 2021](#)
[Jul 2021](#)
[Aug 2021](#)
[Sep 2021](#)
[Oct 2021](#)
[Nov 2021](#)
[Dec 2021](#)

YTD 104

AVERAGE CCF/CUSTOMER

Residential	72	98	92	57	31	16	10	54
Commercial	253	387	341	249	166	121	92	230
Industrial	1,948	3,362	3,094	2,499	766	1,284	296	1,893
City	557	843	755	448	256	180	171	459

AVERAGE \$/CUSTOMER

Residential	\$85	\$111	\$107	\$71	\$44	\$29	\$23	\$67
Commercial	\$272	\$419	\$375	\$272	\$194	\$148	\$123	\$258
Industrial	\$1,928	\$3,311	\$3,052	\$2,468	\$770	\$1,278	\$309	\$1,874
City	\$576	\$887	\$806	\$473	\$288	\$209	\$212	\$493

AVERAGE \$/CCF

Residential	\$1.1711	\$1.1364	\$1.1619	\$1.2314	\$1.4075	\$1.7667	\$2.2339	\$1.4441
Commercial	\$1.0772	\$1.0810	\$1.0999	\$1.0906	\$1.1663	\$1.2182	\$1.3405	\$1.1534
Industrial	\$0.9898	\$0.9849	\$0.9862	\$0.9877	\$1.0052	\$0.9950	\$1.0452	\$0.9991
City	\$1.0356	\$1.0524	\$1.0672	\$1.0546	\$1.1243	\$1.1656	\$1.2402	\$1.1057
Average	\$1.0684	\$1.0637	\$1.0788	\$1.0911	\$1.1758	\$1.2864	\$1.4650	\$1.1756

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	MOST RECENT 12-MONTH
Natural Gas Supply Cost					
Capacity Reservation Fees	\$ 31,617	\$ 32,546	\$ 323,375	\$ 407,394	\$ 517,740
Demand Storage/Peaking Services	\$ 2,143	\$ 2,143	\$ 15,146	\$ 11,103	\$ 26,076
Supply Charges	\$ 34,179	\$ 17,490	\$ 738,318	\$ 447,940	\$ 917,991
Gas Authority Supply Charges	\$ 1,717	\$ 1,660	\$ 42,307	\$ 40,305	\$ 55,852
Gas Authority Charges	\$ 695	\$ 526	\$ (72,762)	\$ (97,104)	\$ (92,039)
P.A.C.E	300	300	2,100	2,100	3,600
APGA Annual Dues	-	-	3,368	3,297	3,368
Other	1,669	2,075	22,437	18,570	33,690
TOTAL MGAG BILL	\$ 72,320	\$ 56,740	\$ 1,074,287	\$ 833,606	\$ 1,466,278

DELIVERED SUPPLY

Volume CCF	113,330	102,230	2,647,860	2,179,630	3,385,880
Volume Dth (MGAG)	110,280	99,560	2,571,170	2,119,410	3,288,140

*Dth (dekatherm) is the measurement of gas volume. Dth to Ccf (Centi Cubic Feet) conversion is based on the BTU fuel content

UNIT COSTS					
\$/Dth	0.6558	0.5699	0.4178	0.3933	0.4459
\$/CCF	0.6381	0.5550	0.4057	0.3825	0.4331

MOST RECENT
12-MONTH

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	
SALES REVENUES					
NATURAL GAS SALES	\$ 172,039	\$ 155,331	\$ 2,901,139	\$ 2,277,107	\$ 3,769,085
SALES REVENUES (ACTUAL)	\$ 172,039	\$ 155,331	\$ 2,901,139	\$ 2,277,107	\$ 3,769,085
AS BUDGET	\$ 315,287	\$ 296,941	\$ 2,207,007	\$ 296,941	Not Applicable
% ACTUAL TO BUDGET	54.57%	52.31%	131.45%	766.86%	Not Applicable

Note on Natural Gas Sales: Detail break-down for individual rate class is shown in NATURAL GAS RETAIL SALES section.

OTHER REVENUES

OP REVENUE	-	-	-	-	-
MISC REVENUE	250	-	1,800	290	5,501
CONTRIBUTED CAPITAL	-	-	-	-	-
SALE FIXED ASSETS	-	-	-	-	-
TAP FEES	6,092	9,990	48,148	33,416	84,587
OTHER REV	-	-	-	2,015	-
ADMIN ALLOC	9,135	17,288	75,763	127,843	107,417
INT/INVEST INCOME	-	-	-	-	-
STATE GRANTS	-	-	-	-	-
MGAG REBATE	-	-	120,420	114,493	298,220
TRANSFER FROM CIP	-	-	-	-	-
OTHER REVENUES (ACTUAL)	\$ 15,477	\$ 27,278	\$ 246,131	\$ 278,057	\$ 495,724
AS BUDGET	\$ 24,097	\$ 32,320	\$ 168,681	\$ 226,240	Not Applicable
% ACTUAL TO BUDGET	64.23%	84.40%	145.92%	122.90%	Not Applicable

TOTAL REVENUES (ACTUAL)	\$ 187,516	\$ 182,609	\$ 3,147,270	\$ 2,555,165	\$ 4,264,809
AS BUDGET	\$ 339,384	\$ 329,261	\$ 2,375,688	\$ 2,304,825	Not Applicable
% ACTUAL TO BUDGET	55.25%	55.46%	132.48%	110.86%	Not Applicable

MOST RECENT
12-MONTH

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	
PERSONNEL					
Compensation	\$ 36,345	\$ 24,218	\$ 229,664	\$ 184,283	\$ 143,312
Benefits	22,034	16,613	136,026	112,650	230,018
PERSONNEL (ACTUAL)	\$ 58,519	\$ 40,900	\$ 366,138	\$ 297,180	\$ 373,848
AS BUDGET	\$ 55,273	\$ 53,644	\$ 386,912	\$ 375,510	Not Applicable
% ACTUAL TO BUDGET	105.87%	76.24%	94.63%	79.14%	Not Applicable

CONTRACTED SERVICES

Consulting	\$ 4,331	\$ 525	\$ 5,056	\$ 1,250	\$ 17,414
Landfill Fees	-	-	-	-	-
Custodial Service	-	-	-	-	-
Lawn & Maint	-	-	-	-	148
Holiday Events	-	-	-	35	(35)
Security Sys	-	-	-	-	-
Equipment Rep & Maint	894	-	2,741	8	10,757
Vehicle Rep & Maint Outside	70	-	3,420	-	4,107
R&M System - Outside	1,531	525	16,003	13,645	30,906
R & M Buildings - Outside	-	-	44	66	456
Maintenance Contracts	71	234	7,623	11,692	8,910
Equip Rent/Lease	(14,113)	909	5,356	3,368	13,213
Pole Equip Rent/Lease	-	-	-	-	-
Equipment Rental	25	24	147	1,641	(1,229)
Repairs & Maintenance (Outside)	-	-	-	-	-
Landfill Fees	-	-	-	-	-
Maint Contracts	-	-	-	-	-
Other Contract Svcs	-	-	-	-	-
Comm Svcs	238	1,056	4,091	4,029	7,085
Postage	-	-	81	-	921
Adverstising	-	-	-	912	825
Mkt Expense	-	-	5,650	1,050	6,296
Printing	-	-	825	1,715	825
Util Bill Print Svcs	-	-	-	-	-
Dues & Sub	-	-	-	-	-
Travel	1,146	282	1,146	282	1,642
Fees	-	450	810	1,003	810
Vehicle Tag & Title Fee	-	21	(18)	32	(18)
Ga Dept Rev Fee	-	-	100	50	100
Training & Ed	-	-	1,669	7,975	2,246
Gen Liab Ins	-	-	-	-	-
Uniform Rent	-	-	-	-	-
Contract Labor	5,618	2,064	54,764	21,787	83,069
Shipping/Freight	-	-	-	-	1,575
CONTRACTED SERVICES (ACTUAL)	\$ (188)	\$ 6,089	\$ 109,507	\$ 70,539	\$ 190,024
AS BUDGET	\$ 19,571	\$ 19,338	\$ 136,996	\$ 135,363	Not Applicable
% ACTUAL TO BUDGET	-0.96%	31.49%	79.93%	52.11%	Not Applicable

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	12-MONTH
SUPPLIES					
Gas Cost	70,351	54,365	1,046,389	809,639	1,481,957
Office Supplies	-	184	211	1,308	832
Postage	-	-	-	-	-
Furniture <5000	-	-	-	-	-
Auto Parts	-	279	397	1,267	944
Construction Materials	(13,093)	890	-	2,393	6,491
Damage Claims	-	-	-	-	-
Expendable Fluids	-	14	44	14	44
Tires	-	1,001	1,603	2,520	2,383
Uniform Expense	2,173	2,534	4,272	3,372	4,512
Janitorial	126	84	1,451	644	2,000
Computer Equipment	-	-	250	-	2,935
Equipment Parts	2,519	-	10,078	165	16,722
Repair & Maintenance	15,278	5,399	70,753	29,693	156,920
Util Costs - Util Fund	241	348	2,427	2,534	4,181
Covid-19 Expenses	-	361	957	11,278	1,118
Mileage Reimb	-	-	-	-	-
Auto & Truck Fuel	2,178	1,703	11,836	8,536	22,168
Food	91	169	1,190	990	5,213
Sm Tool & Min Equip	550	7,424	11,532	18,083	23,168
Meters	-	-	2,179	-	2,179
Sm Oper Supplies	10,893	945	24,805	7,416	35,464
Construction Material	-	-	-	-	-
Tires	-	-	-	-	-
Uniform Exp	-	-	-	-	-
Repairs & Maintenance (Inside)	-	-	-	-	-
Equip Pur (<\$5M)	-	-	-	-	-
Dam Claims	-	-	-	-	-
SUPPLIES (ACTUAL)	\$ 91,307	\$ 75,701	\$ 1,190,376	\$ 899,853	\$ 1,769,230
AS BUDGET	\$ 136,497	\$ 12,800	\$ 955,478	\$ 89,600	Not Applicable
% ACTUAL TO BUDGET	66.89%	591.42%	124.58%	1004.30%	Not Applicable

CAPITAL OUTLAY

Amortization Def Chg 2016 Bond	\$ 1,080	\$ 1,080	\$ 3,240	\$ 3,240	\$ 4,320
Amort 2020 Bond Premium	\$ (692)	\$ -	\$ (4,843)	\$ -	\$ (4,843)
Depr Exp	\$ 16,004	\$ 14,300	\$ 113,135	\$ 98,039	\$ 170,909
Int Exp 2016 Rev Bond	2,325	2,719	17,272	20,010	30,673
Interest Exp - 2020 Rev Bonds	3,417	-	23,922	-	29,731
Issuance Costs	-	-	-	-	22,707
CAPITAL OUTLAY (ACTUAL)	\$ 22,135	\$ 18,100	\$ 152,726	\$ 121,289	\$ 253,498
AS BUDGET	\$ 2,785	\$ 3,177	\$ 19,494	\$ 22,237	Not Applicable
% ACTUAL TO BUDGET	794.84%	569.75%	783.47%	545.43%	Not Applicable

	Jul 2021	Jul 2020	FY2021 YTD	FY2020 YTD	
FUND TRANSFERS					
Admin Alloc - Adm Exp	\$ 71,902	\$ 91,336	\$ 502,929	\$ 606,937	\$ 842,995
Transfer To Gf	13,476	11,337	189,677	155,954	233,243
Transfer To Cip	-	-	-	-	-
Transfer - Insurance	-	-	-	-	-
Transfer - E&R	-	-	-	-	-
FUND TRANSFERS (ACTUAL)	\$ 85,378	\$ 102,673	\$ 692,606	\$ 762,890	\$ 1,076,238
AS BUDGET	\$ 119,012	\$ 108,198	\$ 833,081	\$ 757,384	Not Applicable
% ACTUAL TO BUDGET	71.74%	94.89%	83.14%	100.73%	Not Applicable
TOTAL EXPENSES (ACTUAL)	\$ 257,150	\$ 243,463	\$ 2,511,353	\$ 2,151,753	\$ 3,662,838
AS BUDGET	\$ 333,137	\$ 197,156	\$ 2,331,960	\$ 1,380,094	Not Applicable
% ACTUAL TO BUDGET	77.19%	123.49%	107.69%	155.91%	Not Applicable



To: Utility Committee, City Council
From: Chris Bailey, Assistant City Administrator
Department: Utility Department
Date: 08/31/21
Subject: 2022 CDBG Grant Administration Services Selection

Budget Account/Project Name: 2022 CDBG

Funding Source: Utilities CIP

Budget Allocation: N/A

Budget Available: N/A

Requested Expense: N/A **Company of Record:** Allen-Smith Consulting

Description:

This is a request for the approval of the selection for the 2022 CDBG grant administration services of Allen-Smith Consulting. This will be for the grant writing services and administration of the grant for the 2022 project application and award process. The area and scope of the project have not yet been determined.

Background:

The City of Monroe has continually applied for grant funding through the CDBG program to rehabilitate water, sewer, and stormwater systems throughout the city.

Attachment(s):

Evaluation Sheet – 1 page

2022 CDBG Grant Writing & Administration Services			
Tuesday, August 3, 2021			
	Allen-Smith Consulting	iParametrics	Grantscribe
Chad Gravette	6.0	2.0	0.0
Debbie Crowe	6.0	3.0	2.0
Chris Bailey	6.0	0.0	0.0
TOTAL	18.0	5.0	2.0
AVERAGE	6.0	1.7	0.7
RANK	1	2	3



To: Utility Committee, City Council
From: Chris Bailey, Assistant City Administrator
Department: Utility Department
Date: 08/31/21
Subject: 2022 CDBG Engineering Services

Budget Account/Project Name: 2022 CDBG

Funding Source: Utilities CIP

Budget Allocation: N/A

Budget Available: N/A

Requested Expense: N/A

Company of Record: Carter & Sloop

Description:

This is a request for the approval of the selection for the 2022 CDBG engineering services of Carter & Sloop. This will be for the engineering services of the grant for the 2022 project application and design process. The area and scope of the project have not yet been determined.

Background:

The City of Monroe has continually applied for grant funding through the CDBG program to rehabilitate water, sewer, and stormwater systems throughout the city.

Attachment(s):

Evaluation Sheet – 1 page

2022 CDBG Engineering Services				
Tuesday, August 3, 2021				
	Kennedy Engineering & Associates Group	Carter & Sloope	Hofstadter & Associates	Hayes, James, & Associates, Inc.
Chad Gravette	3.0	6.0	5.0	2.0
Debbie Crowe	3.0	6.0	6.0	5.0
Chris Bailey	3.5	6.0	5.5	3.5
TOTAL	9.5	18.0	16.5	10.5
AVERAGE	3.2	6.0	5.5	3.5
RANK	4	1	2	3



**FIRE
DEPARTMENT
CITY COUNCIL
MONTHLY MEETING**

SEPTEMBER 2021

City of Monroe Fire Dept

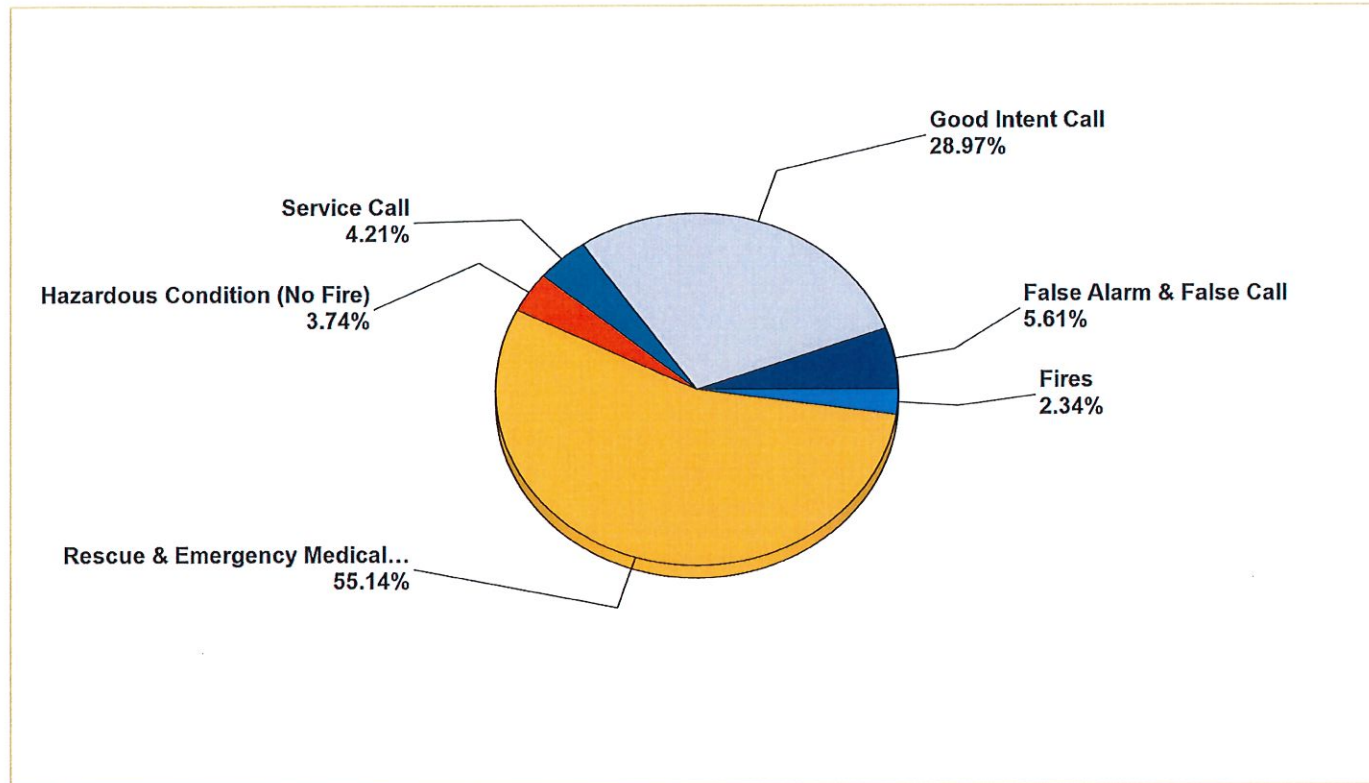
Monroe, GA

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Breakdown by Major Incident Types for Date Range

Zone(s): All Zones | Start Date: 07/01/2021 | End Date: 07/31/2021



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	5	2.34%
Rescue & Emergency Medical Service	118	55.14%
Hazardous Condition (No Fire)	8	3.74%
Service Call	9	4.21%
Good Intent Call	62	28.97%
False Alarm & False Call	12	5.61%
TOTAL	214	100%

Only REVIEWED and/or LOCKED IMPORTED incidents are included. Summary results for a major incident type are not displayed if the count is zero.



Detailed Breakdown by Incident Type

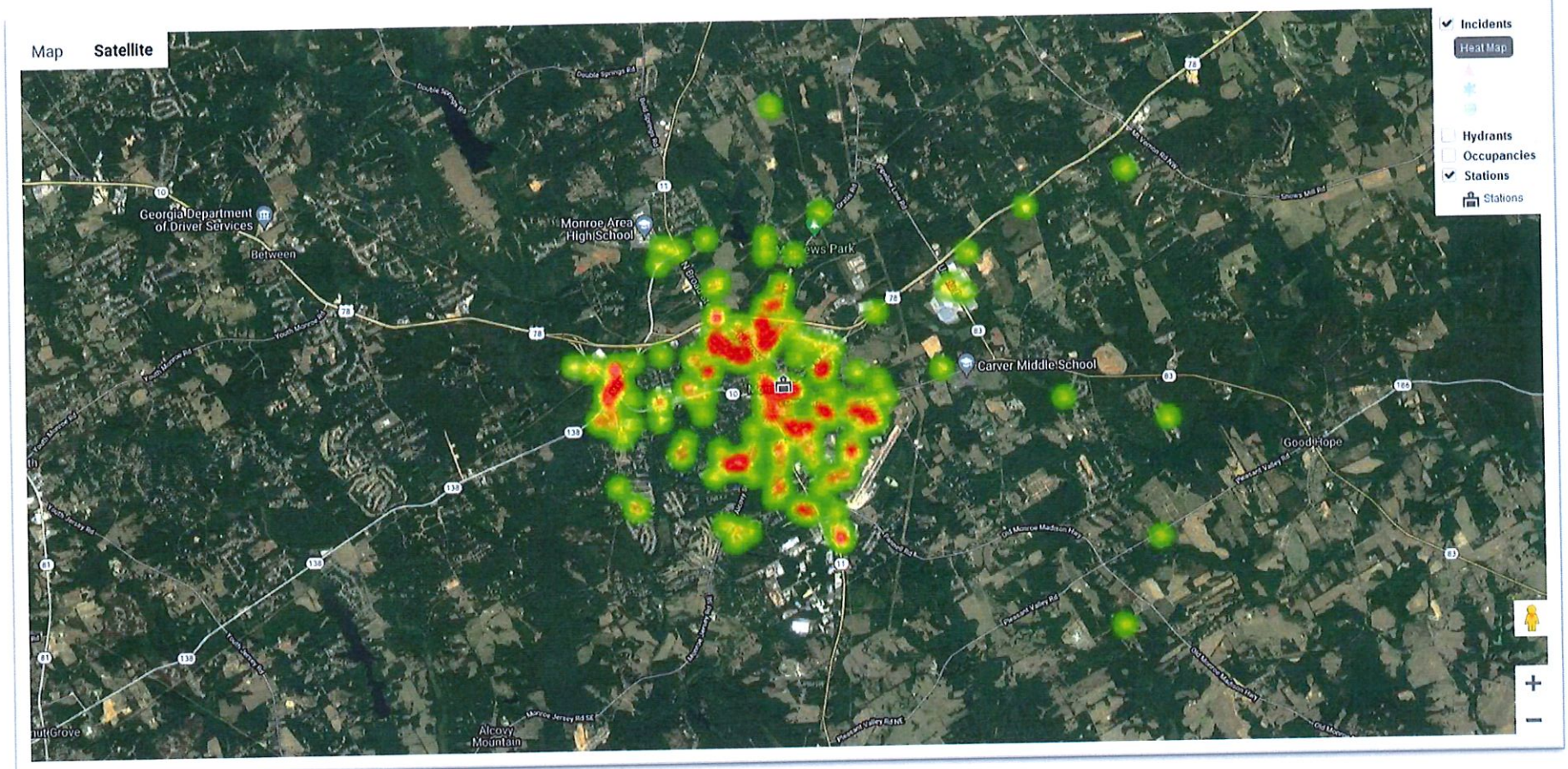
INCIDENT TYPE	# INCIDENTS	% of TOTAL
100 - Fire, other	1	0.47%
111 - Building fire	1	0.47%
121 - Fire in mobile home used as fixed residence	1	0.47%
131 - Passenger vehicle fire	1	0.47%
154 - Dumpster or other outside trash receptacle fire	1	0.47%
311 - Medical assist, assist EMS crew	66	30.84%
321 - EMS call, excluding vehicle accident with injury	39	18.22%
322 - Motor vehicle accident with injuries	8	3.74%
324 - Motor vehicle accident with no injuries.	5	2.34%
400 - Hazardous condition, other	2	0.93%
412 - Gas leak (natural gas or LPG)	2	0.93%
440 - Electrical wiring/equipment problem, other	1	0.47%
441 - Heat from short circuit (wiring), defective/worn	1	0.47%
444 - Power line down	2	0.93%
500 - Service Call, other	1	0.47%
522 - Water or steam leak	2	0.93%
551 - Assist police or other governmental agency	4	1.87%
553 - Public service	2	0.93%
611 - Dispatched & cancelled en route	57	26.64%
622 - No incident found on arrival at dispatch address	3	1.4%
651 - Smoke scare, odor of smoke	2	0.93%
715 - Local alarm system, malicious false alarm	1	0.47%
735 - Alarm system sounded due to malfunction	6	2.8%
743 - Smoke detector activation, no fire - unintentional	3	1.4%
744 - Detector activation, no fire - unintentional	1	0.47%
745 - Alarm system activation, no fire - unintentional	1	0.47%
TOTAL INCIDENTS:	214	100%

Only REVIEWED and/or LOCKED IMPORTED incidents are included. Summary results for a major incident type are not displayed if the count is zero.



City of Monroe Fire Dept

Monroe, GA



July 2021 Incident Distribution Map

City of Monroe Fire Dept

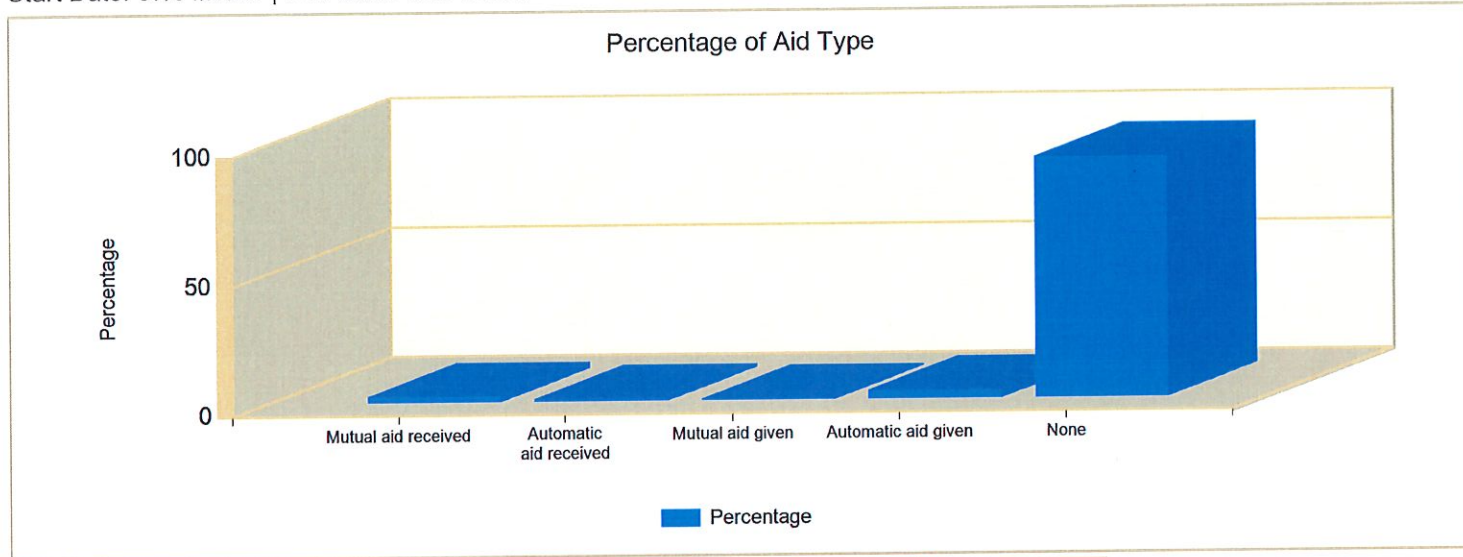
Monroe, GA

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Count of Aid Given and Received for Incidents for Date Range

Start Date: 07/01/2021 | End Date: 07/31/2021



AID TYPE	TOTAL	% of TOTAL
Mutual aid received	5	2.3%
Automatic aid received	2	0.9%
Mutual aid given	1	0.5%
Automatic aid given	7	3.3%
None	199	93.0%

Only REVIEWED incidents included



City of Monroe Fire Dept

Monroe, GA

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Detailed Losses For Date Range

Start Date: 07/01/2021 | End Date: 07/31/2021

# INCIDENTS	TOTAL PRE-INCIDENT PROP. VAL.	TOTAL PRE-INCIDENT CONT. VAL.	TOTAL PRE-INCIDENT VAL.	AVG. VAL.	TOTAL PROP. LOSS	TOTAL CONT. LOSS	TOTAL LOSSES	AVERAGE LOSS
1	\$22,400.00	\$11,200.00	\$33,600.00	\$33,600.00	\$0.00	\$450.00	\$450.00	\$450.00

INCIDENT #	DATE	TYPE	LOCATION	PRE-INCIDENT PROPERTY	PRE-INCIDENT CONTENTS	PRE-INCIDENT TOTAL	PROP. LOSS	CONT. LOSS	TOTAL
2021-1319	07/09/2021	121 - Fire in mobile home used as fixed residence	1450 S Broad ST Monroe	\$22,400.00	\$11,200.00	\$33,600.00	\$0.00	\$450.00	\$450.00

Only Reviewed Incidents included.



emergencyreporting.com
Doc Id: 1324
Page # 1 of 1

City of Monroe Fire Dept

Monroe, GA



Incident Comparison 2018-2021

July	2021	2020	2019	2018
100 - Fire	5	3	5	5
200 - Overpressure Rupture, Explosion, Overheat	0	1	0	1
300 - Rescue & EMS	118	124	149	118
400 - Hazardous Condition	8	11	4	7
500 - Service Call	9	11	11	17
600 - Good Intent & Canceled Call	62	43	47	53
700 - False Alarm & False Call	12	7	15	23
800 - Severe Weather & Natural Disaster	0	0	0	0
900 - Special Incident Type	0	0	0	0
	214	200	231	224

Operations

Annual ladder testing completed (ground ladders and aerial ladder)
 Annual pump service testing completed on 5 apparatus



POLICE

DEPARTMENT

MONTHLY REPORT

SEPTEMBER

2021

Comparison of July 2020 to July 2021 Activity Reports

	2021		2020	
Calls for Service	1,961		2,173	
Area Checks	8,258		8,698	
Calls to MPD	NA		N/A	
Court Cases	364		272	
Training Hours	256		280	
Part A Crimes	58		91	
Part B Crimes	92		52	
Arrest-Adult	81		71	
Juvenile	1		3	
C/S Trash Pick Up	0		0	
Tires	0		0	

Community Events:

L&J Harris Kids Foundation Back to School Kickback 2021

MPD donated approximately \$200.00 in school supplies

AGENCY	2021 JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTALS
LE CALLS													25,419
WALTON SO	3,503	3,095	3,853	3,409	3,845	3,953	3,761						71,466
WCSCO AREA CHECKS	10,628	9,800	10,417	10,299	10,943	9,258	10,121						12,519
MONROE PD	1,518	1,428	1,734	1,938	2,098	1,842	1,961						60,804
MPD AREA CHECKS	8,877	8,722	10,707	8,758	8,087	7,395	8,258						5,736
LOGANVILLE PD	870	892	1,024	99	907	907	1,037						9,812
LPD AREA CHECKS	1,713	1,394	1,458	1,267	1,145	1,364	1,471						2,389
SOCIAL CIRCLE PD	364	356	375	364	283	322	325						12,247
SPD AREA CHECKS	2,212	1,745	1,673	1,812	1,646	1,570	1,589						
Totals	29,685	27,432	31,241	27,946	28,954	26,611	28,523						200,392
													0
WALTON EMS	1,870	1,355	1,473	1,434	1,839	1,545	1,492						11,008
													0
													0
FIRE DEPTS													3,048
WALTON FIRE	519	360	444	431	455	422	417						1,516
MONROE FIRE	238	182	205	185	254	233	219						1,506
LOGANVILLE FIRE	214	172	207	220	244	212	237						503
SOC CIRCLE FIRE	60	83	76	65	85	66	68						
Fire fept totals	1,031	797	932	901	1,038	933	941						6,573
TOTAL	63,302	57,813	64,887	59,128	61,823	56,633	60,420	0	0	0	0	0	424,006
PHONE CALLS													
ABANDONED	275	240	302	287	296	229	288						1,917
ADMIN IN	5,147	4,645	5,070	5,318	5,788	5,097	5,515						36,580
ADMIN OUT	3,235	2,980	3,402	3,528	3,966	3,312	3,461						23,884
911	4,539	3,969	5,069	4,816	5,428	4,852	5,115						33,788
TOTAL	13,196	11,834	13,843	13,949	15,478	13,490	14,379						96,169

July 2021 Training Hours for Monroe Police Department

GPSTC online training: 46

Conference training: 53

In-service Training: 38

Off Site Training: 119

Total Training Hours: 256



Offense and Arrest Summary Report

Beginning Date: 07/01/2021 Ending Date: 07/31/2021

Agency: MONROE POLICE DEPARTMENT

Total Offenses	150	Clearance Rate	43.33%
% change from last year	4.9%	Last years rate	41.26%
Total Arrests	82	Hate Crime Offenses	0
% change from last year	10.81%	Law Officers Assaulted	0
Group A Crime Rate per 100,000 Population :	1097.94	Summary based reporting Crime Rate per 100,000 Population :	270.82
Arrest Rate per 100,000 Population :	600.20		

Offense Reporting

Group "A"	Offenses Reported	Offenses Cleared	Offenses Reported Last Year
Murder	0	0	0
Negligent Manslaughter	0	0	0
Justifiable Homicide	0	0	0
Rape	0	0	0
Robbery	2	1	0
Aggravated Assault	4	0	2
Burglary	6	1	1
Larceny	23	5	66
Motor Vehicle Theft	2	1	3
Arson	0	0	0
Simple Assault	21	6	19
Intimidation	8	0	6
Bribery	0	0	0
Counterfeiting/Forgery	1	0	1
Vandalism	19	3	11
Drug/Narcotic Violations	33	29	18
Drug Equipment Violations	11	10	1
Embezzlement	0	0	0
Extortion/Blackmail	0	0	0
Fraud	8	1	10
Gambling	0	0	0
Kidnapping	0	0	0
Pornography	0	0	0
Prostitution	0	0	0
Sodomy	0	0	0
Sexual Assault w/Object	0	0	0
Fondling	1	0	0
Incest	0	0	0
Statutory Rape	0	0	0
Stolen Property	3	1	0
Weapons Law Violations	8	7	5
Human Trafficking, Commercial Sex Acts	0	0	0
Human Trafficking, Involuntary Servitude	0	0	0
Animal Cruelty	0	0	0
Total Group "A"	150	65	143

Crime Against Person
 34 - This year
 27 - Last year
 25.93% - Percent Change

Crime Against Property
 64 - This year
 92 - Last year
 -30.43% - Percent Change

Crime Against Society
 52 - This year
 24 - Last year
 116.67% - Percent Change

Arrest Reporting

Group "A"	Adult	Juvenile	Unknown	Total Arrests	Arrests Reported Last Year
Murder	0	0	0	0	0
Negligent Manslaughter	0	0	0	0	0
Justifiable Homicide	0	0	0	0	0
Rape	0	0	0	0	0
Robbery	1	0	0	1	0
Aggravated Assault	0	0	0	0	1
Burglary	0	0	0	0	0
Larceny	5	0	0	5	21
Motor Vehicle Theft	0	0	0	0	0
Arson	0	0	0	0	1
Simple Assault	6	0	0	6	8
Intimidation	0	0	0	0	1
Bribery	0	0	0	0	0
Counterfeiting/Forgery	0	0	0	0	0
Vandalism	1	0	0	1	0
Drug/Narcotic Violations	37	0	0	37	19
Drug Equipment Violations	1	0	0	1	2
Embezzlement	0	0	0	0	0
Extortion/Blackmail	0	0	0	0	0
Fraud	1	0	0	1	0
Gambling	0	0	0	0	0
Kidnapping	0	0	0	0	0
Pornography	0	0	0	0	0
Prostitution	0	0	0	0	0
Sodomy	0	0	0	0	0
Sexual Assault w/Object	0	0	0	0	0
Fondling	0	0	0	0	0
Incest	0	0	0	0	0
Statutory Rape	0	0	0	0	0
Stolen Property	0	0	0	0	0
Weapons Law Violations	3	1	0	4	5
Human Trafficking, Commercial Sex Acts	0	0	0	0	0
Human Trafficking, Involuntary Servitude	0	0	0	0	0
Animal Cruelty	0	0	0	0	0
Total Group A Arrests	55	1	0	56	58
Group "B" Arrests					
Bad Checks	0	0	0	0	0
Curfew/Vagrancy	1	0	0	1	0
Disorderly Conduct	1	0	0	1	5
DUI	6	0	0	6	4
Drunkenness	0	0	0	0	0
Family Offenses-nonviolent	0	0	0	0	0
Liquor Law Violations	0	0	0	0	0
Peeping Tom	0	0	0	0	0
Runaways	0	0	0	0	0
Trespass	0	0	0	0	2
All Other Offenses	18	0	0	18	5
Total Group B Arrests	26	0	0	26	16
Total Arrests	81	1	0	82	74

Population : 13662

Note: Last years figures are provided for comparison purposes only.



WALTON COUNTY 911

Radio Log Statistical Report, by Unit

<u>Unit</u>	<u>Unit Description</u>	<u>Number of Logs</u>
321	LAW ENFORCEMENT UNIT	1
323	LAW ENFORCEMENT UNIT	190
324	LAW ENFORCEMENT UNIT	1
325	LAW ENFORCEMENT UNIT	184
326	LAW ENFORCEMENT UNIT	59
327	LAW ENFORCEMENT UNIT	76
330	LAW ENFORCEMENT UNIT	1
333	LAW ENFORCEMENT UNIT	281
335	LAW ENFORCEMENT UNIT	26
337	LAW ENFORCEMENT UNIT	424
338	LAW ENFORCEMENT UNIT	253
340	LAW ENFORCEMENT UNIT	238
342	LAW ENFORCEMENT UNIT	375
343	LAW ENFORCEMENT UNIT	398
344	LAW ENFORCEMENT UNIT	328
345	LAW ENFORCEMENT UNIT	419
346	LAW ENFORCEMENT UNIT	59
347	LAW ENFORCEMENT UNIT	495
348	LAW ENFORCEMENT UNIT	319
349	LAW ENFORCEMENT UNIT	431
350	LAW ENFORCEMENT UNIT	36
351	LAW ENFORCEMENT UNIT	301
355	LAW ENFORCEMENT UNIT	428
356	LAW ENFORCEMENT UNIT	569
357	LAW ENFORCEMENT UNIT	256
359	LAW ENFORCEMENT UNIT	428
362	LAW ENFORCEMENT UNIT	478
366	LAW ENFORCEMENT UNIT	585
367	LAW ENFORCEMENT UNIT	619
Total Radio Logs:		8258

Report Includes:

All dates between `00:00:00 07/01/21` and `23:59:59 07/31/21`, All agencies matching `MPD`, All zones, All units, All tencodes matching `1066`, All shifts



WALTON COUNTY 911

Law Total Incident Report, by Nature of Incident

<u>Nature of Incident</u>	<u>Total Incidents</u>
(Not Defined)	1
FIGHT VIOLENT	2
ANIMAL BITE	1
ANIMAL COMPLAINT	8
INJURED ANIMAL	2
PROWLER	4
BURGLARY IN PROGRESS	3
BURGLARY REPORT	5
DOMESTIC NON-VIOLENT	33
DOMESTIC VIOLENT	3
ARMED ROBBERY	1
WARRANT SERVICE	21
SUBJECT WITH WEAPON	4
SUSPICIOUS PERSON	83
SUSPICIOUS VEHICLE	109
SUICIDE ATTEMPT	3
SUICIDE THREAT	5
KEYS LOCKED IN VEHICLE	113
SPEEDING AUTO	4
ACCIDENT NO INJURIES	53
ACCIDENT WITH A DEER	2
ACCIDENT WITH INJURIES	5
PERSON STRUCK WITH AUTO	1
ACCIDENT UNKNOWN INJURIES	6
ROAD HAZARD	9
LIVESTOCK IN ROADWAY	2
DRUNK DRIVER	3
HIT AND RUN	1
DIRECT TRAFFIC	6
TRANSPORT FOR BUSINESS	3
FUNERAL ESCORT	15
TRANSPORT	4
DISABLED VEHICLE	25
AREA/BLDG CHECK	37
LITTERING/ILLEGAL DUMPING	1
CHILD ABUSE	2
RAPE	1
SEXUAL ASSAULT	1
CHASE	2
BANK ALARM	3
BUSINESS ALARM	60
CHURCH ALARM	3
RESIDENTIAL ALARM	33
SCHOOL ALARM	3

<u>Nature of Incident</u>	<u>Total Incidents</u>
SUBJECT IN CUSTODY	5
TRANSPORT TO COURT	1
TRANSPORT TO JAIL	4
DEMENTED PERSON NON-VIOLENT	10
STOLEN VEHICLE	3
911 HANGUP	40
CONTROL SUBSTANCE PROBLEM	17
AGENCY ASSISTANCE	8
AGGRAVATED ASSAULT	1
ASSAULT	4
ASSAULT LAW ENFORCEMENT ONLY	5
CHILD CUSTODY DISPUTE	4
CIVIL ISSUE/DISPUTE	14
COUNTERFEIT MONEY	1
DAMAGE TO PROPERTY	48
DISPUTE NON VIOLENT IN NATURE	83
DISPUTE VIOLENT IN NATURE	2
DISTRUBING THE PEACE	7
Dead Body	2
EMERGENCY MESSAGE	1
LE ASSIST FOR EMS	27
ENTERING AN AUTO	7
EXPLOSIVES PROBLEM	1
EXTRA PATROL REQUEST	5
ASSIST FIRE DEPARTMENT	6
VEHICLE FIRE	1
FIREARMS DISCHARGED	11
FIREWORKS	7
FOLLOW UP TO PREVIOUS CALL	3
FOUND PROPERTY	2
FRAUD	10
GUNSHOT WOUND PRIORITY 1	1
HARRASSING PHONE CALLS	4
HARRASSMENT	6
ILLEGAL PARKING	6
JUVENILE RUNAWAY	2
JUVENILE COMPLAINT	16
JUVENILE PROBLEM -NO COMPLAINT	3
LOITERING	7
LOST ITEM REPOR	2
LOUD MUSIC COMPLAINT	7
MISSING PERSON	8
MOTOR VEHICLE ACCIDENT PRI 3	1
MISCELLANEOUS LAW INCIDENT	33
RECOVERED STOLEN PROPERTY	1
ROAD RAGE	1
SAFETY SOBRIETY CHECK POINT	4
PHONE CALLS/MAIL SCAMS	2
SEARCH WARRANT	2
SHOPLIFTING	7

Law Total Incident Report, by Nature of Incident

<u>Nature of Incident</u>	<u>Total Incidents</u>
SHOTS FIRED	1
THEFT REPORT	15
THREATS	9
TRAFFIC VIOLATION	730
TRAILER INSPECTION	3
TREE DOWN	1
TRESPASSING	1
UNKNOWN PRIORITY 1	2
UNKNOWN LAW PROBLEM	8
UNSECURE PREMISES	5
VEHICLE INSPECTION	13
VIOLATION TPO	1
WANTED PERSON	6
WELFARE CHECK	27

Total reported: 1961

Report Includes:

All dates between `00:00:00 07/01/21` and `23:59:59 07/31/21`, All agencies matching `MPD`, All natures, All locations, All responsible officers, All dispositions, All clearance codes, All observed offenses, All reported offenses, All offense codes, All circumstance codes



To: Public Safety Committee, City Council
From: R. V. Watts, Chief of Police
Department: Police
Date: 09/07/2021
Subject: Approval - Out of State Travel for Police

Budget Account/Project Name: Training

Funding Source: Equipment 210-3200-542500

Budget Allocation: \$0.00

Budget Available: \$47,248.00

Requested Expense: \$22,812.00

Company of Purchase: Alabama Canine Law Enforcement Officers Training Ctr, Inc.

Description:

Out of state training to Alabama Canine Law Enforcement Officers Training Center, Inc. in Northport, Alabama

Officer Michael Bailey will receive K-9 (Dual Purpose) Canine / Narcotics training at the Alabama Canine Law Enforcement Officers Training Center in Northport, Alabama. Officer Bailey will travel in his City Issued Patrol Vehicle. The dates allotted for this training is dependent upon this approval.

Background:

Cost will be \$2,750 for per diem. (50 days at \$55.00/day)
Cost will be \$22,812.00 for Dual-Purpose Canine/Narcotic Training

Attachment(s):

Price Quote Estimate#: 202160

Alabama Canine Law Enforcement Officers Trng Ctr , Inc.
 18539 John Swindle Road
 Northport, AL 35475

205-339-7794

PRICE QUOTE

Date	Estimate #
6/3/2021	202160



Monroe Police Department
 116 South Broad Street
 Monroe, GA 30655

Description	Qty	Cost	Total
Dual-Purpose Canine	1	19,000.00	19,000.00
Housing of Officer per night	50	55.00	2,750.00
Fur Saver Collar	1	20.00	20.00
PSP Leash	1	38.00	38.00
Combat Harness with Metal Cobra Buckle	1	200.00	200.00
30' Long Line	1	52.00	52.00
15' Long Line	1	48.00	48.00
AKAH Leather Muzzle	1	280.00	280.00
Collar Kit for Classic 70 G3	1	355.00	355.00
Ball on a Rope 2.5" Medium	1	18.00	18.00
Blast Hose Toy	1	16.00	16.00
Tug 2 Handle Large	1	35.00	35.00

There will be an additional 3.5% added to the total due if paid with credit card.

Total \$22,812.00

Email	Web Site	FEIN#
alcanine@hiwaay.net	alcanine.com	63-1191195



CODE

DEPARTMENT

MONTHLY REPORT

September

2021

The Code Department of the City of Monroe respectfully submits this report to the Mayor and Council. It is the intent of this report to highlight statistics, specific job duties, and any job functions related to the Code Department during the time period of July 1, 2021 thru July 31, 2021.

Statistics:

- Total Calls: 808
- Total Minutes: 37:01:24
- Total Minutes/Call: 2:45
- Code Inspections: 134
- Total Permits Written: 84
- Amount collected for permits: \$13,971.51
- Check postings for General Ledger: 58

Business/Alcohol Licenses new & renewals:

New Businesses: 11

- Felicia's Kitchen – 1532 S. Broad St.
- Monroe Small Engine Repair – 1625 S. Broad St.
- Walmart Health #780 – 2042 W. Spring St.
- TW3 Trucking – 110 Bold Springs Ave – residential office only
- Hometown South LLC – 300 Edwards St. – residential office only
- T-Mobile Financial LLC – 2130 W. Spring St – Ste 100
- T-Mobile Leasing LLC – 2130 W. Spring St. – Ste 100
- T-Mobile South LLC – 2130 W. Spring St. – Ste 100
- Little Oaks Preschool – 315 N. Madison Ave.
- Daniels & Sons Auto Brokers – 333 Alcovy St Ste 7-D – Broker Office Only
- Ride Right Now Auto Sales – 333 Alcovy St Ste 7-O – Broker Office Only

Closed Businesses: 0

Major Projects:

- Major Projects Permitted: None
- Major Projects Ongoing: Monroe Pavilion, - The Roe 100 S Broad St. – Grace Monroe Church
203 Bold Springs Avenue – Reddy Clinic Complex 2130 W Spring St.

Code Department:

- Receiving business license payments, affidavits and identification.
- Making numerous phone calls regarding insufficient paperwork
- Following up on unpaid business licenses

- Processing paperwork for alcohol licenses and special event permits
- Checking turn on list from utilities and contacting businesses that have not purchased business licenses
- Checking all businesses for delinquent city and county personal property taxes prior to accepting payments for licenses
- Researching state license requirements for businesses
- Updating spread sheets regarding business licenses, number of employees, E-Verify #'s etc.
- Applications for PTVR registrations and renewals
- Following up on golf cart permits that have not been renewed
- Communicating with Tyler for Incode problems and conversion to new software
- Verifying status for non-citizens thru the SAVE program
- Issuing permits for Building, Electrical, Plumbing and HVAC
- Receiving and preparing Rezones, variances, Conditional Uses, COA's, etc. for Meetings.
- Preparing and mailing letters to adjoining properties for Zoning Changes.
- Scheduling inspections for contractors.
- Preparing agenda items for Planning & Zoning and Historic Preservation Meetings.
- Scheduling Planning and Zoning and Historic Preservation meetings and attending
- Taking minutes for Planning & Zoning and Historic Preservation meetings and preparing them
- Taking and recording complaints.
- Researching Zoning Inquiries.
- Responding online inquiries.
- Cleaning up expired permits.
- Preparing all permit reports and copies of permit for County Tax Dept.
- Entering data for inspections being done into Incode software.
- Processing Open Records Request
- Training Code Dept Assistant replacement.

City Marshal:

- Patrolled city daily.
- Removed 48 signs from road way.
- 314 repair/cleanup orders and Re-inspections
- Transported city funds for deposit to banks daily.
- Investigated 2 utility tampering and theft cases. 7 citations
- Represented city in Municipal Court.

Historic Preservation Commission:

Request for COA for exterior changes—803 S Broad St—Approved

Planning Commission:

Preliminary Plat Review Rivers Edge—302 Michael Etchison Rd—approved with conditions

Request for COA—100 Saratoga Dr—approved with conditions

Preliminary Plat Review The Overlook of Monroe—319 S Madison—tabled



7/8/2021	707 DAVIS ST.	TRASH IN YARD	R/C	7/22/2021	CLEANED
7/9/2021	314 MILLEDGE AVE.	TRAILER PARKED IN FRONT YARD	R/C	7/23/2021	MOVED
7/9/2021	709 KENDELL CT.	JUNK IN YARD	CITATION		
7/9/2021	312 S. BROAD ST.	TALL GRASS/WEEDS	R/C	7/23/2021	CUT
7/9/2021	670 MICHAEL CIR.	TALL GRASS/WEEDS	R/C	7/23/2021	CUT
7/9/2021	902 AMBER TRL.	TALL GRASS/WEEDS	R/C	7/23/2021	CUT
7/9/2021	848 OVERLOOK TRL.	CARPIT IN FRONT YARD	R/C	7/23/2021	REMOVED
7/9/2021	205 DOUGLAS ST.	TALL GRASS/WEEDS	R/C	7/23/2021	CUT
7/12/2021	116 NORRIS ST.	TRASH/PLASTIC IN YARD	R/C	7/26/2021	CLEANED
7/12/2021	106 NORRIS ST.	TALL GRASS/WEEDS	R/C	7/26/2021	CUT
7/12/2021	733 LACY ST.	TALL GRASS/WEEDS	R/C	7/26/2021	CUT
7/12/2021	502 HARRIS ST.	TRASH/TALL GRASS/WEEDS	R/C	7/26/2021	CUT/CLEANED
7/12/2021	504 HARRIS ST.	TALL GRASS/WEEDS	R/C	7/26/2021	CUT
7/13/2021	129 6TH ST.	VEHICLE PARTS, TIRES IN YARD	R/C	7/27/2021	MOVED
7/13/2021	126 6 TH ST.	TRASH IN YARD	R/C	7/27/2021	CLEANED
7/13/2021	325 STOKES ST.	JUNK IN YARD, JUNK VEHICLE	R/C	7/27/2021	MOVED
7/14/2021	126 4TH ST.	TALL GRASS/WEEDS	R/C	7/28/2021	CUT
7/14/2021	105 5TH ST.	OLD APPLIANCE IN YARD	R/C	7/28/2021	MOVED
7/14/2021	133 5TH ST.	TALL GRASS/WEEDS	R/C	7/28/2021	CUT
7/14/2021	140 5TH ST.	OLD TIRE/TALL GRASS	R/C	7/28/2021	CL/CUT
7/14/2021	129 5TH ST.	TALL GRASS/WEEDS	R/C	7/28/2021	CUT
7/16/2021	218 CALQUITT ST.	JUNK VEHICLES ON PROPERTY	R/C	7/30/2021	MOVED
7/16/2021	337 WALKER DR.	TALL GRASS/WEEDS	R/C	7/30/2021	CUT
7/16/2021	333 WALKER DR.	TALL GRASS/WEEDS	R/C	7/30/2021	CUT
7/16/2021	417 SHAMROCK DR.	TALL GRASS/WEEDS	CITATION		
7/16/2021	212 WALKER DR.	TALL GRASS/WEEDS	R/C	7/30/2021	CUT
7/16/2021	711 1/2 CHURCH ST.	JUNK VEHICLES ON PROPERTY	R/C	7/30/2021	MOVED
7/19/2021	1217 S. MADISON AVE.	TRASH IN YARD	R/C	8/2/2021	CLEANED
7/19/2021	10171 S. MADISON AVE.	TALL GRASS/WEEDS	R/C	8/2/2021	CUT
7/19/2021	134 E. 5TH ST.	TALL GRASS/WEEDS	R/C	8/2/2021	CUT
7/19/2021	716 RADFORD ST.	TALL GRASS/WEEDS	R/C	8/2/2021	CUT
7/19/2021	803 S. BROAD ST.	TALL GRASS/WEEDS	R/C	8/2/2021	CUT
7/19/2021	910 DAVIS ST.	TIRES IN YARD	CITATION		
7/20/2021	800 MASTER DR.	TRASH/WOOD IN YARD	R/C		CLEANED

7/20/2021	711 MASTER DR.	CAMPER IN FRONT YARD	R/C	8/3/2021	MOVED
7/21/2021	723 WELLINGTON DR.	JUNK VEHICLE IN YARD	R/C	8/4/2021	MOVED
7/21/2021	734 OVERLOOK CRT.	TRASH IN YARD, 2 OLD TIRES	R/C	8/4/2021	CLEANED
7/22/2021	1004 NEW LACY ST.	TRASH	R/C	8/5/2021	CLEANED
7/22/2021	1214 S. BROAD ST.	JUNK VEHICLE PARTS	R/C	8/5/2021	MOVED
7/23/2021	1227 S. BROAD ST.	TRASH IN YARD	R/C	8/8/2021	CLEANED
7/26/2021	1017 S. MADISON AVE.	TALL GRASS/WEEDS	R/C	8/9/2021	CUT
7/26/2021	926H OLD MILL POINT.	TALL GRASS/WEEDS	R/C	8/9/2021	CUT
7/26/2021	926G OLD MILL POINT.	TALL GRASS/WEEDS	R/C	8/9/2021	CUT
7/26/2021	1943 F WHEEL HOUSE LN.	TRASH IN YARD	R/C	8/9/2021	CLEANED
7/27/2021	730 W. CREEK CIR.	JUNK IN YARD/VEHICLE PARKED IN GRASS	R/C	8/10/2021	CLEANED/MOVED
7/27/2021	506 ASH ST.	JUNK IN YARD	R/C	8/10/2021	CLEANED
7/27/2021	512 ASH ST.	TALL GRASS/WEEDS	R/C	8/10/2021	CUT
7/27/2021	712 LACY ST.	TRASH ON LOT	R/C	8/10/2021	TRYING TO LOCATE OWNER
7/28/2021	315 S. MADISON AVE.	TALL GRASS/WEEDS	R/C	8/11/2021	CUT
7/28/2021	132 FELKER ST.	TALL GRASS/WEEDS	R/C	8/11/2021	CUT
7/28/2021	106 3RD ST.	JUNK VEHICLES ON PROPERTY	R/C	8/11/2021	MOVED
7/28/2021	109 3RD ST.	OLD PIPE/TRASH ON GROUNDS	R/C	8/11/2021	CLEANED
7/28/2021	106 3RD ST.	JUNK IN YARD, WOOD	R/C	8/11/2021	CLEANED
7/29/2021	402 CHURCH ST.	TALL GRASS/WEEDS	R/C	8/12/2021	CUT
7/29/2021	404 CHURCH ST.	TALL GRASS/WEEDS	R/C	8/12/2021	LOOKIN FOR OWNER
7/29/2021	313 S. MADISON AVE.	TALL GRASS/WEEDS	R/C	8/12/2021	CUT
7/30/2021	413 WOODLAND RD	VEHCILE PARKED IN GRASS/ OVER GROWN VEG.	R/C	8/13/2021	MOVED/CUT
7/30/2021	409 WOODLAND RD.	TALL GRASS/WEEDS	R/C	8/13/2021	CUT
7/30/2021	401 WOODLAND RD.	OVERGROWN VEG/LIMBS IN YARD	R/C	8/13/2021	WORKING W/ OWNER

1-Jul-21	128 sorrells st.	junk vehicke, tall grass and weeds, open outdoor storage	RC	15-Jul-21	closed
1-Jul-21	110 Nowell St.	vehicles parked improper surface	RC	15-Jul-21	open
1-Jul-21	108B Nowell St.	vehicles parked improper surface	RC	15-Jul-21	open
1-Jul-21	118 Nowell St.	vehicles parked improper surface	RC	15-Jul-21	closed
1-Jul-21	116 Nowell St.	vehicles parked improper surface	RC	15-Jul-21	closed
2-Jul-21	139 West Marable St	open outdoor storage	RC	16-Jul-21	closed
2-Jul-21	208A sorrells st	tree	RC	16-Jul-21	open
2-Jul-21	122 glen irus dr	trash, yard depris	rc	16-Jul-21	open
2-Jul-21	922 creekside way	tall grass and weeds	RC	16-Jul-21	closed
2-Jul-21	811 rosewood ln	open outdoor storage, junk vehicle	rc	16-Jul-21	open
6-Jul-21	121 ford st	trash, furniture in yard	RC	20-Jul-21	closed
6-Jul-21	123 Ford St	trash, furniture in yard	RC	20-Jul-21	closed
6-Jul-21	203A sorrells St	uncultivated vegetation, bushes side of house	RC	20-Jul-21	closed
6-Jul-21	616 brookwood ln	open outdoor storage, car parts	RC	20-Jul-21	closed
6-Jul-21	1108 Meadowwalk Dr	tall grass and weeds	RC	20-Jul-21	closed
7-Jul-21	129A Tanglewood Dr	exterior door and frame	RC	5-Aug-21	open
7-Jul-21	129A Tanglewood Dr	window	RC	5-Aug-21	open
7-Jul-21	129A Tanglewood Dr	deck	RC	5-Aug-21	open
7-Jul-21	129B Tanglewood Dr	Window	RC	5-Aug-21	open
7-Jul-21	129B Tanglewood Dr	Deck	RC	5-Aug-21	open
8-Jul-21	1906 Brookland Ct	tall grass and weeds	RC	22-Jul-21	closed
8-Jul-21	908 Hickory Dr	tall grass and weeds	RC	22-Jul-21	closed
8-Jul-21	434 Sweetgum Dr	tall grass and weeds	RC	22-Jul-21	closed
8-Jul-21	434 Sweetgum Dr	shed behind house falling in	RC	5-Aug-21	open
8-Jul-21	856 Hickory Dr	junk/abandonnd vehicle	RC	6-Aug-21	open
9-Jul-21	1223 Meadow view Dr	tall grass and weeds	RC	23-Jul-21	closed
9-Jul-21	838 East Marable St	vehicles parked improper surface	RC	23-Jul-21	closed
9-Jul-21	914 Hickory Dr	vehicles parked improper surface	RC	23-Jul-21	closed
9-Jul-21	879 Hickory Dr	open outdoor storage, trash behind residence	RC	2-Aug-21	closed
9-Jul-21	871 Hickory Dr	trash, furniture in yard	RC	23-Jul-21	closed
12-Jul-21	728 Walton Rd	trash, furniture in yard	RC	26-Jul-21	closed
12-Jul-21	222 North Hammond Dr	Roof	Citation		closed
12-Jul-21	222 North Hammond Dr	tall grass and weeds	Citation		closed
12-Jul-21	224 North Hammond Dr	Roof	Citation		closed

12-Jul-21	224 North Hammond Dr	tall grass and weeds	Citation		closed
13-Jul-21	602 Kelton Rd	tall grass and weeds	Citation		closed
13-Jul-21	809 North Broad St	junk vehicles	RC	27-Jul-21	open
13-Jul-21	809 North Broad St	vehicles parked improper surface	RC	27-Jul-21	open
13-Jul-21	809 North Broad St	open outdoor storage	RC	27-Jul-21	open
13-Jul-21	809 North Broad St	tall grass and weeds	RC	27-Jul-21	closed
14-Jul-21	922 creekside way	tall grass and weeds	RC	28-Jul-21	closed
14-Jul-21	533 North Broad St	vehicles parked improper surface	RC	28-Jul-21	closed
14-Jul-21	800 North Broad St.	non conforming signs	RC	28-Jul-21	open
15-Jul-21	550 North Broad St.	non conforming signs	RC	26-Aug-21	open
15-Jul-21	411 Maple Ln	open outdoor storage (doors, building mats)	RC	29-Jul-21	open
15-Jul-21	411 Maple Ln	tall grass and weeds	RC	29-Jul-21	open
15-Jul-21	148A West Marable St	open outdoor storage side, rear of houses	RC	29-Jul-21	open
15-Jul-21	148B West Marabel St	open outdoor storage, junk vehicle, blk car on stands	RC	29-Jul-21	open
16-Jul-21	449 North Broad St.	vehicles parked improper surface	RC	30-Jul-21	closed
16-Jul-21	511 North Broad St	tall grass and weeds	RC	30-Jul-21	open
16-Jul-21	622 East Marable St	tall grass and weeds	RC	30-Jul-21	closed
16-Jul-21	624 East Marabel St	tall grass and weeds	RC	30-Jul-21	closed
16-Jul-21	802 East Marable St	Trash, building materials in yard	RC	30-Jul-21	closed
19-Jul-21	879 Hickory Dr	open outdoor storage, trash behind residence	RC	2-Aug-21	closed
19-Jul-21	197 Mayfield Dr	tall grass and weeds	RC	2-Aug-21	open
19-Jul-21	197 Mayfield Dr	trash, tires on property	RC	2-Aug-21	open
19-Jul-21	118 GW Carver Dr	tall grass and weeds	RC	2-Aug-21	open
19-Jul-21	118 GW Carver Dr	trash tires on property	RC	2-Aug-21	open
20-Jul-21	197 Mayfield Dr	roofs	RC	31-Aug-21	open
20-Jul-21	197 Mayfield Dr	siding	RC	31-Aug-21	open
20-Jul-21	197 Mayfield Dr	windows	RC	31-Aug-21	open
20-Jul-21	197 Mayfield Dr	doors	RC	31-Aug-21	open
20-Jul-21	197 Mayfield Dr	exterior stairways, decks, porches, railings	RC	31-Aug-21	open
21-Jul-21	118 GW Carver Dr	roof	RC	18-Aug-21	open
21-Jul-21	118 GW Carver Dr	siding	RC	18-Aug-21	open
21-Jul-21	118 GW Carver Dr	windows	RC	18-Aug-21	open
21-Jul-21	120 GW Carver Dr	tall grass and weeds	RC	4-Aug-21	open
21-Jul-21	202 GW Carver Dr	tall grass and weeds	RC	4-Aug-21	closed

22-Jul-21	1050 North Broad St.	tall grass and weeds	RC	5-Aug-21	open
22-Jul-21	120 GW Carver Dr	trash, tires on property	RC	5-Aug-21	open
22-Jul-21	120 GW Carver Dr	windows	RC	20-Aug-21	open
22-Jul-21	120 GW Carver Dr	roof	RC	20-Aug-21	open
22-Jul-21	120 GW Carver Dr	siding	RC	20-Aug-21	open
23-Jul-21	856 Hickory Dr	junk, abandond vehicle	RC	6-Aug-21	open
23-Jul-21	512 Gatewood Dr	tall grass and weeds	RC	6-Aug-21	closed
23-Jul-21	634 East Marabel St	junk, abandond vehicle behind residence	RC	6-Aug-21	closed
23-Jul-21	634 East Marabel St	vehicles parked improper surface	RC	6-Aug-21	closed
23-Jul-21	603 East Marable St	trash, furniture in yard	RC	6-Aug-21	closed
26-Jul-21	208B Tanglewood Dr	trash, furniture in yard	RC	9-Aug-21	closed
26-Jul-21	117B Tanglewood Dr	uncultivated vegetation, vines climbing house	RC	9-Aug-21	open
26-Jul-21	112A Tanglewood Dr	trash, furniture in yard	RC	9-Aug-21	closed
26-Jul-21	109B Tanglewood Dr	tall grass and weeds	RC	9-Aug-21	closed
26-Jul-21	109A Tanglewood Dr	tall grass and weeds	RC	9-Aug-21	closed
27-Jul-21	228B Tanglewood Dr	tall grass and weeds	RC	10-Aug-21	closed
27-Jul-21	228B Tanglewood Dr	trash, furniture in yard	RC	10-Aug-21	closed
27-Jul-21	212B Tanglewood Dr	tall grass and weeds	RC	10-Aug-21	closed
27-Jul-21	212A Tanglewood Dr	tall grass and weeds	RC	10-Aug-21	closed
27-Jul-21	113A Tanglewood Dr	tall grass and weeds	RC	10-Aug-21	closed
29-Jul-21	120 GW Carver Dr	tall grass and weeds	RC	12-Aug-21	open
29-Jul-21	120 GW Carver Dr	trash, tires on property	RC	12-Aug-21	open
29-Jul-21	120 GW Carver Dr	siding	RC	30-Aug-21	open
29-Jul-21	120 GW Carver Dr	roof	RC	30-Aug-21	open
29-Jul-21	120 GW Carver Dr	windows	RC	30-Aug-21	open
30-Jul-21	223B Tanglewood Dr	tall grass and weeds	RC	13-Aug-21	closed
30-Jul-21	244A Tanglewood Dr	junk vehicles	RC	13-Aug-21	open
30-Jul-21	229A Tanglewood Dr	tires in yard	RC	13-Aug-21	open
30-Jul-21	229A Tanglewood Dr	tall grass and weeds	RC	13-Aug-21	open
30-Jul-21	112A Tanglewood Dr	trash, furniture in yard	RC	13-Aug-21	open

Economic Development August Report:

- Javianne Oliver Olympic Celebration
- Georgia Downtown Conference Awards - John's Supermarket & MWCA
- DDA Planning Retreat & Updated Workplans
- Blaine Station Master Plan next month
- City Branding update

Community Work Plan Review Form	
2021-2022 Annual Work Plan	
Vision Statement	Our vision is to become a nationally recognized downtown by creating memorable experiences, celebrating local entrepreneurship, and preserving our historic small town charm.
Mission Statement	To drive economic development, support the National Historic Trust's principles of historic preservation, and collaborate with public and private organizations to engage our entire community.
Transformation (implementation) Strategies	
Transformation (implementation) Strategy #1:	
Downtown Design (design projects, downtown parks, planters, murals, volunteer workdays, signage, and other placemaking efforts)	
Transformation (implementation) Strategy #2:	
Redevelopment Projects (real estate transactions, façade grant program, RLFs, rezoning support, RFPs for projects)	
Transformation (implementation) Strategy #3:	
Entertainment Draws (events, recreational business recruitment, business owner collaboration)	

Upcoming Events:

First Friday Concert - Friday, September 3rd
 Farmers Market Saturdays - September 4, 11, 18, & 25
 Pirate Day - Saturday, Sept. 18th
 DDA/CVB Board Meetings - Thursday, Sept. 9, 8:00 am
 Bicentennial Celebration Week - 11/28 through 12/5

Ongoing Tasks:

- DCA Main Street compliance
- LAS Master Plan for Blaine Station
- City Branding Effort
- Retail Recruitment + Retention
- Visitors Center - open to the public

Top Priorities for Year 2022
Goal(priority) #1
Enhance the existing downtown environment
Goal(priority) #2
Facilitate Milner-Aycock building sale & redevelopment
Goal(priority) #3
Create new entertainment draws through recreation options and new business recruitment

Strategy #1

Committee Chair: Lisa Anderson

Transformation (implementation) Strategy: Downtown Design

(design projects, downtown parks, planters, murals, volunteer workdays, signage, and other placemaking efforts)

Goal:

Maximize downtown accessibility, aesthetics, and enjoyable pedestrian paths

Objective

2-3 more public art installations, new banners, pocket park update

Status	Task	Responsible Party	Cost	Funding Source	Time Line
(waiting on city rebrand)	New pole banners - installed bicentennial banners for now	Leigh Ann	\$3,000	DDA funds	Feb-22
design complete	Pocket Park Update (planters, arch, mural, brick seat wall)	Sadie	\$8,000	DDA funds	Fall 2021
in progress	keep planters updated	Lisa	\$4,400	DDA funds	Seasonally updated
façade assessment ready	Community Mural (Addison's Wonderland alley wall)	Levi Dilley/Alex Malmquist	\$3,000	DDA funds	Fall 2021
scheduled	New mural (Highland parking lot wall)	Levi Dilley	\$3,000	DDA/city funds	Aug-21
in progress	Hammock Park - sign and security camera; mulch under hammocks	Ross Bradley, ???	\$500	city funds	by year end
in progress	support Downtown Green development	full board	\$5,000	DDA funds	summer 2022
in progress	New mural (W. Spring Street wall)	Lisa Grose	\$3,000	DDA funds/Reliant	Aug-21

Partner Involvement

Agency Name	Primary Contact	Level of Commitment
City of Monroe - PW	Dwain Day	remove plants in pocket park
Garrison Messick Design	Camille Garrison	Pocket park planting/seat wall
Signs and Wonders	Levi Dilley	mural painter

Synopsis of Activity: approx. \$30,000 in project costs; need to find new location for Levi Dilley's postcard mural design

Strategy #2

Committee Chair: Andrea Gray

Transformation (implementation) Strategy: Redevelopment Projects

(real estate transactions, façade grant program, RLFs, rezoning support, RFPs for projects)

Goal:

Facilitate Milner-Aycock Building sale & redevelopment

Objective

We see additional retail space and more lodging as the greatest current need in the downtown commercial environment.

Status	Task	Responsible Party	Cost	Funding Source	Time Line
in progress	Secure Wayne Street block - RFP in 2022, rezone+CBD, set price with City	Andrea, Lisa, Meredith	\$15,000	DDA funds	by year end
in progress	Facilitate Sale of Milner-Aycock bldg. to developer - RFP, survey?, title work	Sadie, Board	none	n/a	Jan-22
in progress	Partner with City to receive donation of S. Madison Ave + S. Lumpkin Properties	Sadie	\$10,000	DDA funds	by year end
in progress	evaluate Façade Grant program - possibly transition into an entrepreneurial support program?	Board	\$15,000	DDA funds	Mar-22
in progress	explore Shared Commercial Kitchen concept at Bold Springs site	Ross, ??	unknown	DDA funds	Fall 2022
in progress	Keep potential redevelopment sites on the radar - 225 S. Midland, 221 S. Midland, Brown Oil site	Wesley, Lisa	none	n/a	2022
in progress	Support DD RLF & GCF RLF applications for projects that fit stated goal	Sadie, Board	none	n/a	ongoing

Partner Involvement

Agency Name	Primary Contact	Level of Commitment
City Council	Logan Propes	real estate project support
City Planner	Brad Callender	review and assistance with zoning
DCA/GCF	Chris Higdon/Beth Eavenson	revolving loan funds

Synopsis of Activity: Childers Park rental house now vacant; M. Malcom calling owner to get status

Strategy #3

Committee Chair: Leigh Ann Aldridge

Transformation (implementation) Strategy: Entertainment Draws

(events, recreational business recruitment, business owner collaboration)

Goal:

Build on entertainment draws through events and new business recruitment

Objective

increase diversity in downtown business mix and ownership; keep growing our recreational tourism draw

Status	Task	Responsible Party	Cost	Funding Source	Time Line
ongoing	plan and execute annual event calendar	Leigh Ann	\$80,000	City Funds + Sponsorship	ongoing
in progress	relocate 2022 concert series to City Hall parking lot	Leigh Ann, Sadie	"	"	Jan. 2022
in progress	reinstate traditional Christmas Parade	Lisa, Leigh Ann, Sadie	"	"	Sept. 2021
in progress	Childers Holiday Light Displays	Leigh Ann, City	"	"	Nov. 2021
in progress	encourage theme downtown days with businesses - Dinosaur, pirate, etc.	Leigh Ann, business owners	\$250	DDA funds	ongoing

Partner Involvement

Agency Name	Primary Contact	Level of Commitment
City of Monroe - PW	Chris Croy	event crews
MWCA	Hope Reese	partner events

Synopsis of Activity: Adding small-scale courthouse lawn concerts on Thursday evenings, 6-8 pm, in April, July, & October; adding a ticketed Wine Walk in Feb.

PARKS PROJECTS & UPDATES – SEPTEMBER 2021

PILOT PARK



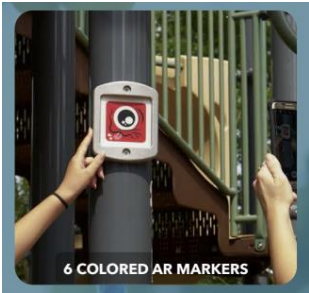
Pilot Park will see the addition of a restroom later in 2021 or early 2022, depending on delivery dates. The lower area will have drainage improvements and adjustments made in early September to alleviate standing water and drainage issues. The total cost of the improvements made to Pilot Park are approximately \$303,649. Monthly cleaning is also continuing to keep the equipment sanitized and clean for all patrons.

MATHEWS PARK

The second phase of renovations/additions for the rehabilitation work of paving/parking, shade structures, pavilions, additional signage, disc golf renovations, fencing, and other amenities is in process. Additional equipment, seating, shade structures, trash receptacles, restroom, and signage are all on order and/or in production. The replacement of a pavilion and addition of another pavilion will come before Council in September for approval. Paving will most likely take place in the spring of 2022 based on pavilion builds and restroom installation so as not to damage any new asphalt. The first phase of renovations is complete at Mathews Park. The new restroom facility is installed and operational, and will be the facility that will be placed at other parks later in the year and years to come. There are numerous design variations to fit with each specific location. The idea is to blend while being functional and effective. The total cost of the Phase I improvements made to Mathews Park are approximately \$165,510. Phase II is approved at an additional cost of \$300,000 for improvements and additions.



PLAYSOUTH / BIBA APPLICATION



This new application offered by Play South Playground Creators is currently in a full development phase but has been offered to Monroe as a potential test site, and fully implemented system. The system through an online gaming application helps to anonymously track activity at different play equipment and stations throughout parks. It simply stores how much activity occurs at particular augmented reality (AR) markers throughout playgrounds.

PARK PLANNING AND DESIGN REMODEL

City staff met with Keck & Wood on the 17th and 18th of August to work towards a rework of our parks designs. They will be taking the original plans and adjusting them to fit current conditions, and to take a look at past functions, naming, uses, etc. They will then combine the concepts for staff review and presentation to Council as a reworked master plan for our improving parks system. The addition of the river park will be included in the new master plan along with options and concepts for the other parks that remain in our system and will require rehabilitation.



To: Parks Committee, City Council
From: Chris Bailey, Assistant City Administrator
Department: Central Services Department
Date: 08/31/21
Subject: Mathews Park Pavilion Bid Award

Budget Account/Project Name: Mathews Park Phase II

Funding Source: 2021 SPLOST

Budget Allocation: \$300,000.00

Budget Available: \$259,189.00

Requested Expense: \$117,800.00

Company of Record: Great Southern Recreation

Description:

This is a request for the approval of the low bid for the replacement of a 22' x 44' pavilion and addition of a 30' x 60' pavilion at Mathews Park. Great Southern Recreation provided a low bid of \$117,800 for both pavilions. The sealed bid process saved the city approximately \$21,000 and followed all Purchasing Policy guidelines for sealed bid amounts.

Background:

The City of Monroe has continually provided for upgrades to our parks system as voted on by City Council and provided for by SPLOST dollars.

Attachment(s):

Evaluation Sheet – 1 page

Mathews Pavilions
8-23-2021

<u>COMPANY</u>	<u>BID AMOUNT</u>
Great Southern Recreation	\$117,800.00
Woodwind Construction Company Inc.	\$197,000.00
JOMA Construction	\$180,764.72
Conner Grading & Landscaping	\$242,500.00
Sterling Structure & Design LLC	\$286,000.00



To: Planning and Zoning / City Council
From: Patrick Kelley
Department: Planning, Zoning, Code and Development
Date: 08-04-2021
Description: City of Monroe Zoning ordinance Text amendments #11

Budget Account/Project Name: NA

Funding Source: 2021 NA

Budget Allocation: NA

Budget Available: NA

Requested Expense: \$NA

Company of Purchase: NA

Recommendation: *Approve as presented*

Background: This is a text amendment to permit two uses by right in the M-1 zoning district. They are Crops grown under cover and Bio diesel production.

Attachment(s): Amendment, resolution and Amendment breakdown.



City of Monroe

215 N. Broad Street
Monroe, GA 30655
(770) 207-4674

REZONE PERMIT

PERMIT #:	108	DESCRIPTION:	ZONING TEXT AMENDMENT #11
JOB ADDRESS:	215 N BROAD ST	LOT #:	
PARCEL ID:		BLK #:	
SUBDIVISION:		ZONING:	
ISSUED TO:	CITY OF MONROE	CONTRACTOR:	CITY OF MONROE
ADDRESS:	P.O. BOX 1249	ADDRESS:	P.O. BOX 1249
CITY, STATE ZIP:	MONROE GA 30655	CITY, STATE ZIP:	MONROE GA 30655
PHONE:		PHONE:	
PROP.USE		DATE ISSUED:	8/05/2021
VALUATION:	\$ 0.00	EXPIRATION:	2/01/2022
SQ FT	0.00	PERMIT STATUS:	O
OCCP TYPE:		# OF BEDROOMS	
CNST TYPE:		# OF BATHROOMS	
INSPECTION REQUESTS:	770-207-4674 dadkinson@monroega.gov	# OF OTHER ROOMS	

FEE CODE	DESCRIPTION	AMOUNT
	FEE TOTAL	\$ 0.00
	PAYMENTS	\$ 0.00
	BALANCE	\$ 0.00

City of Monroe Zoning Code Ordinance Text Amendment- Section 630.3 Table 6—Industrial Zoning District Land Use Regulations; Modifying Industrial Zoning District Land Use table to add the principle use of Agriculture: Greenhouse, nursery, and floriculture production—indoor food crop production and under the principle use of Industrial: Industry, heavy-manufacturing, repair, assembly, or processing—biodiesel fuel production. Both uses are to be added as permitted uses.

P&Z MTG 8/17/21 @5:30pm - COUNCIL MTG 9/14/21 6:00pm @ 215 N Broad St

NOTES:

NOTICE

THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN 6 MONTHS, OR IF CONSTRUCTION OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 6 MONTHS AT ANY TIME AFTER WORK IS STARTED.

I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS DOCUMENT AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISION OF ANY OTHER STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION.

(APPROVED BY)

____/____/____
DATE

**AN ORDINANCE TO AMEND THE ZONING
ORDINANCE OF THE CITY OF MONROE, GEORGIA**

The Mayor and Council of the city of Monroe, Georgia, hereby ordain as follows:

The Zoning Ordinance of the City of Monroe, officially adopted June 10, 2014, and Effective July 1, 2014, as thereafter amended, is hereby amended by implementing text amendments and changes outlined and identified in particular detail on Exhibit A, which such exhibit is incorporated herein by reference.

All ordinances or parts of ordinances in conflict herewith are hereby repealed.

These text amendments of the City of Monroe Zoning Ordinance shall take effect upon their adoption by the Mayor and Council.

FIRST READING. This 14th, day of September, 2021.

SECOND READING AND ADOPTED on this 12th day of October, 2021.

CITY OF MONROE, GEORGIA

**By: _____ (SEAL)
John Howard, Mayor**

**Attest: _____ (SEAL)
Debbie Kirk, City Clerk**

EXHIBIT A

City of Monroe Zoning Ordinance Text Amendment

Amendment # 11

1. Section 630.3 Table 6—Industrial Zoning District Land Use Regulations; Modifying Industrial Zoning District Land Use table to add the principle use of Agriculture: Greenhouse, nursery, and floriculture production—indoor food crop production and under the principle use of Industrial: Industry, heavy-manufacturing, repair, assembly, or processing—biodiesel fuel production. Both uses are to be added as permitted uses.

Proposed Amendments to the Zoning Ordinance

August 17 – Planning Commission
 September 14 – City Council 1st Reading
 October 12 – City Council 2nd Reading

Amendment Key

Blue – Language to be added

Red – Language to be removed

Green – Amendment description

- **Section 630.3: Modify Industrial Zoning District Land Use Regulation table to add land uses for Indoor Food Crop Production and Biodiesel Fuel Production. Added land uses will be permitted by right in the M-1 zoning district. Indoor Food Crop Production is based upon NAICS 111419 – Other Food Crops Grown Under Cover with an illustrative example of vegetable farming grown under cover. Biodiesel Fuel Production is based upon NAICS 324199 – All Other Petroleum and Coal Products Manufacturing with an illustrative example of biodiesel fuels not made in petroleum refineries and blended with purchased refined petroleum. These NAICS references should provide clarity regarding interpretation of the intent behind these land uses.**

Section 630.3 Industrial Land Use Regulations (M-1):

Section 630.3 Table 6 - Industrial Zoning District Land Use Regulations

[P]=permitted; [X]=prohibited;[C]=conditional use permit required

LAND USE CATEGORY	DISTRICT	REFERENCE
Principal Use*(unless noted as an accessory use)	M-1	See Section or Note
Accessory building and uses		
structures-general	P	See §1000.1
temporary buildings	P	See §1000.9
uses-general	P	See §1000.2
Administrative and information service facilities		
administrative offices/processing center	P	
call/telecommunications center	P	
data processing/programming facilities	P	
data processing/programming facilities with product production	P	
AGRICULTURE:		
Greenhouse, nursery, and floriculture production		
indoor food crop production	P	
Amusements and Entertainment		
adult entertainment establishment	P	Note (5)
archery range or firing range	P	See § 1031
game center	X	
miniature golf, outdoor	X	
play centers, skating rink, bowling alley	P	
theaters	X	
theaters, outdoor	X	
Animal facilities and services		
clinics and specialty services	C	
hospitals, lodging, and shelters	C	
Building, construction and special trade facilities		
contractor and developer offices	P	
contractor/developer offices with facilities	P	
contractor/developer office center	P	
landscape/irrigation service	P	
timber harvesting service	P	
tree surgery service	P	
building supply store, wholesale	P	

heavy trucks, RVs and other heavy equipment		
body repair and painting	P	
fueling station	P	
general service/installation of parts and accessories	P	
new or used, sales and rental	P	
parts/accessories/tires, sales	P	
truck wash, service or self-service	P	
terminal, motor freight	P	
truck stop/travel plaza	P	

**NOTICE TO THE PUBLIC
CITY OF MONROE**

The City of Monroe Planning & Zoning commission will be holding a hearing for a zoning action/zoning code text amendment of Article VI, Section 630.3, Table 6. A public hearing will be held on August 17, 2021 at 5:30 P. M. in the City Hall Building at 215 N Broad Street.

The City of Monroe Council will be holding a hearing for a zoning action/zoning code text amendment of Article VI, Section 630.3, Table 6. A public hearing will be held on September 14, 2021 at 6:00 P.M. in the City Hall Building at 215 N Broad Street

All those having an interest should be present.

Please run on the following date:

August 1, 2021



To: Planning and Zoning / City Council
From: Patrick Kelley
Department: Planning, Zoning, Code and Development
Date: 08-04-2021
Description: New Leaf Georgia LLC / PRELIMINARY PLAT CASE #: 29 / 319 South Madison Avenue

Budget Account/Project Name: NA

Funding Source: 2021 NA

Budget Allocation: NA

Budget Available: NA

Requested Expense: \$NA

Company of Purchase: NA

Recommendation: *The submitted Preliminary Plat does not require any corrections and is recommended for approval as submitted.*

Background: Currently undeveloped, previous residential structures have been razed

Attachment(s): Application, Staff report and Preliminary plat.



**Planning
City of Monroe, Georgia
PRELIMINARY PLAT REVIEW**

APPLICATION SUMMARY

PRELIMINARY PLAT CASE #: 29

DATE: August 3, 2021

STAFF REPORT BY: Brad Callender, City Planner

DEVELOPER: New Leaf Georgia LLC

PROPERTY OWNER: New Leaf Georgia LLC

DESIGN CONSULTANT: Alcovy Consulting Engineering

LOCATION: East side of South Madison Avenue and the west side of Milledge Avenue – 319 South Madison Avenue

ACREAGE: ±0.647

EXISTING ZONING: B-2 (General Commercial District)

EXISTING LAND USE: Currently undeveloped, previous residential structures have been razed

ACTION REQUESTED: The owner is requesting Preliminary Plat approval for townhome development.

STAFF RECOMMENDATION: Staff recommends approval of this Preliminary Plat as submitted without corrections.

DATE OF SCHEDULED PUBLIC HEARINGS

PLANNING COMMISSION: August 17, 2021

CITY COUNCIL: September 14, 2021

PRELIMINARY PLAT REVIEW SUMMARY

The submitted Preliminary Plat does not require any corrections and is recommended for approval as submitted.



City of Monroe

215 N. Broad Street
Monroe, GA 30655
(770) 207-4674

PRELIMINARY PLAT PERMIT

PERMIT #:	29	DESCRIPTION:	Preliminary Plat for 319 S. Madison Ave
JOB ADDRESS:	319 S MADISON AVE	LOT #:	65
PARCEL ID:	M0160125	BLK #:	3
SUBDIVISION:	THE OVERLOOK OF MONROE	ZONING:	B2
ISSUED TO:	New Leaf Georgia LLC	CONTRACTOR:	New Leaf Georgia LLC
ADDRESS:	PO Box 256	ADDRESS:	PO Box 256
CITY, STATE ZIP:	Statham GA 30666	CITY, STATE ZIP:	Statham GA 30666
PHONE:	706-424-0999	PHONE:	
PROP.USE VALUATION:	\$ 0.00	DATE ISSUED:	6/29/2021
SQ FT	0.00	EXPIRATION:	None
OCCP TYPE:		PERMIT STATUS:	O
CNST TYPE:		# OF BEDROOMS	
INSPECTION REQUESTS:	770-207-4674 dadkinson@monroega.gov	# OF BATHROOMS	
		# OF OTHER ROOMS	

FEE CODE	DESCRIPTION	AMOUNT
PZ-05	PRELIMINARY PLAT REVIEW (PER LOT)	\$ 140.00
FEE TOTAL		\$ 140.00
PAYMENTS		\$- 140.00
BALANCE		\$ 0.00

Preliminary Plat review of 7 lots –P&Z Meeting 7/20/2021 @5:30pm and City Council Meeting 8/10/2021 @6pm
215 N. Broad St.

NOTES:

NOTICE

THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN 6 MONTHS, OR IF CONSTRUCTION OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 6 MONTHS AT ANY TIME AFTER WORK IS STARTED.

I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS DOCUMENT AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISION OF ANY OTHER STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION.



(APPROVED BY)

6/29/21
DATE

CITY OF MONROE

DEVELOPMENT PERMIT AND PRELIMINARY SUBDIVISION PLAT APPLICATION

Application fees: Preliminary Subdivision Plats - \$20 per lot Non-residential Projects - 50% of BP
NPDES fees: \$40/disturbed acre to EPD and \$40/disturbed acre to City of Monroe
Shall be paid prior to issuance of permit.

Three copies of the site development plans including erosion, sediment & pollution control plan and two copies of the stormwater management study or two copies of the preliminary subdivision plat. Also required on all developments...
Two copies of the hydraulic calculations with water line design must accompany all applications.

THIS FORM MUST BE COMPLETELY FILLED OUT.

Project Name The Overlook of Monroe

Project Location 319 S. Madison Ave.

Proposed Use Town houses Map/Parcel MO160124 & MO160125

Acreage 0.647 #S/D Lots 7 # Multifamily Units _____ # Bldgs 2

Water(provider) Monroe Sewer(provider) monroe

Property Owner New Leaf Georgia LLC. Phone# 706-424-0999

Address P.O. Box 256 City Statham State GA Zip 30666

Developer Same as owner Phone# _____

Address _____ City _____ State _____ Zip _____

Designer Alcovy Consulting Engineering Phone# 770 466-4002

Address 485 Edwards Rd. City Oxford State GA Zip 30054

Site Contractor _____ Phone# _____

Address _____ City _____ State _____ Zip _____

The applicant shall be responsible from the date of the permit, or from the time of the beginning of the first work, whichever shall be the earlier, for all injury or damage of any kind resulting from this work, whether for basic services or additional services, to persons or property. The applicant shall exonerate, indemnify and save harmless the City from and against all claims or actions, and all expenses incidental to the defense (including death) to persons or property caused or sustained in connection with the performance of this permit or by conditions created thereby or arising out of or anyway connected with the work performed under the permit or for any and all claims for damages under the laws of the United States or of Georgia arising out of or in any way connected with the acquisition of and construction under the permit and shall assume and pay for, without cost to the City, the defense of any and all claims, litigation, and actions, suffered through any act or omission of the applicant or any subcontractor or anyone directly or indirectly employed under the supervision of any of them.

I HEREBY CERTIFY THAT I HAVE EXAMINED AND UNDERSTAND ALL INFORMATION ON THIS APPLICATION AND THAT THE ABOVE STATEMENTS AND INFORMATION SUPPLIED BY ME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING WORK TO BE PERFORMED SHALL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT.

SIGNATURE OF APPLICANT: Bruce Hendry

DATE: 6/10/2021



AUTHORIZATION STATEMENT

I hereby submit this Preliminary Plat as authorized agent/owner of all property shown thereon, and certify that all contiguous property under my ownership or control is included within the boundaries of this Preliminary Plat, as required by the Development Regulations.

Signature of Authorized Agent/Owner _____

Date _____

CERTIFICATE OF APPROVAL BY THE CODE ENFORCEMENT OFFICE

This Preliminary Plat has been reviewed and approved for general compliance with the Zoning Ordinance and Development Regulations of the City of Monroee.

Code Enforcement Officer _____

Date _____

CERTIFICATE OF APPROVAL BY PLANNING COMMISSION

The Preliminary Plat shown hereon has been found to comply with the Zoning Ordinance and the Development Regulations of the City of Monroe and is hereby given Preliminary Approval by the City of Monroe Planning Commission. This Preliminary Approval does not constitute approval of a Final Plat. This Certificate of Approval shall expire and be null and void one (1) year from the date of this Certificate of Approval.

Dated this _____ day of _____, 20____

By: _____, Chairman

By: _____, Secretary

CERTIFICATE OF APPROVAL BY THE CITY OF MONROE COMBINED UTILITES

The lots shown hereon and plans for water and sewage collection and disposal have been reviewed and approved by the City of Monroe Water & Gas Department, and are approved for development.

Dated this _____ day of _____, 20____

By: _____

Title: _____

CERTIFICATE OF APPROVAL BY THE CITY OF MONROE COMBINED UTILITES

The lots shown hereon and plans for electrical has been reviewed and approved by the City Of Monroe Electric & Telecommunications Department, and are approved for development.

Dated this _____ day of _____, 20____

By: _____

Title: _____

CERTIFICATE OF APPROVAL BY MAYOR AND COUNCIL

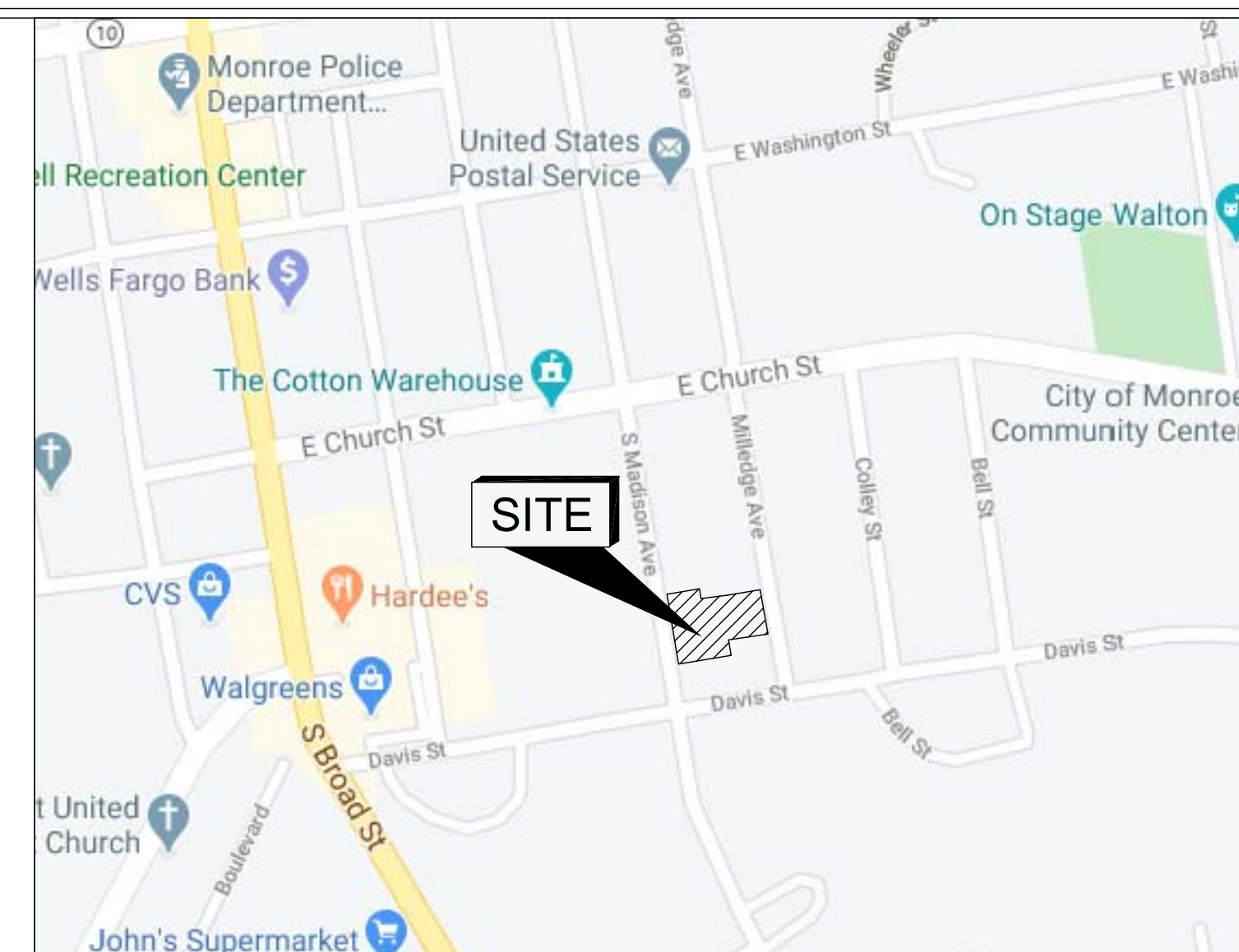
The Preliminary Plat shown hereon has been found to comply with the Zoning Ordinance and the Development Regulations of the City of Monroe and is hereby given Preliminary Approval by the City of Monroe Mayor and Council. This Preliminary Approval does not constitute approval of a Final Plat. This Certificate of Approval shall expire and be null and void one (1) year from the date of this Certificate of Approval.

Dated this _____ day of _____, 20____

By: _____, Mayor

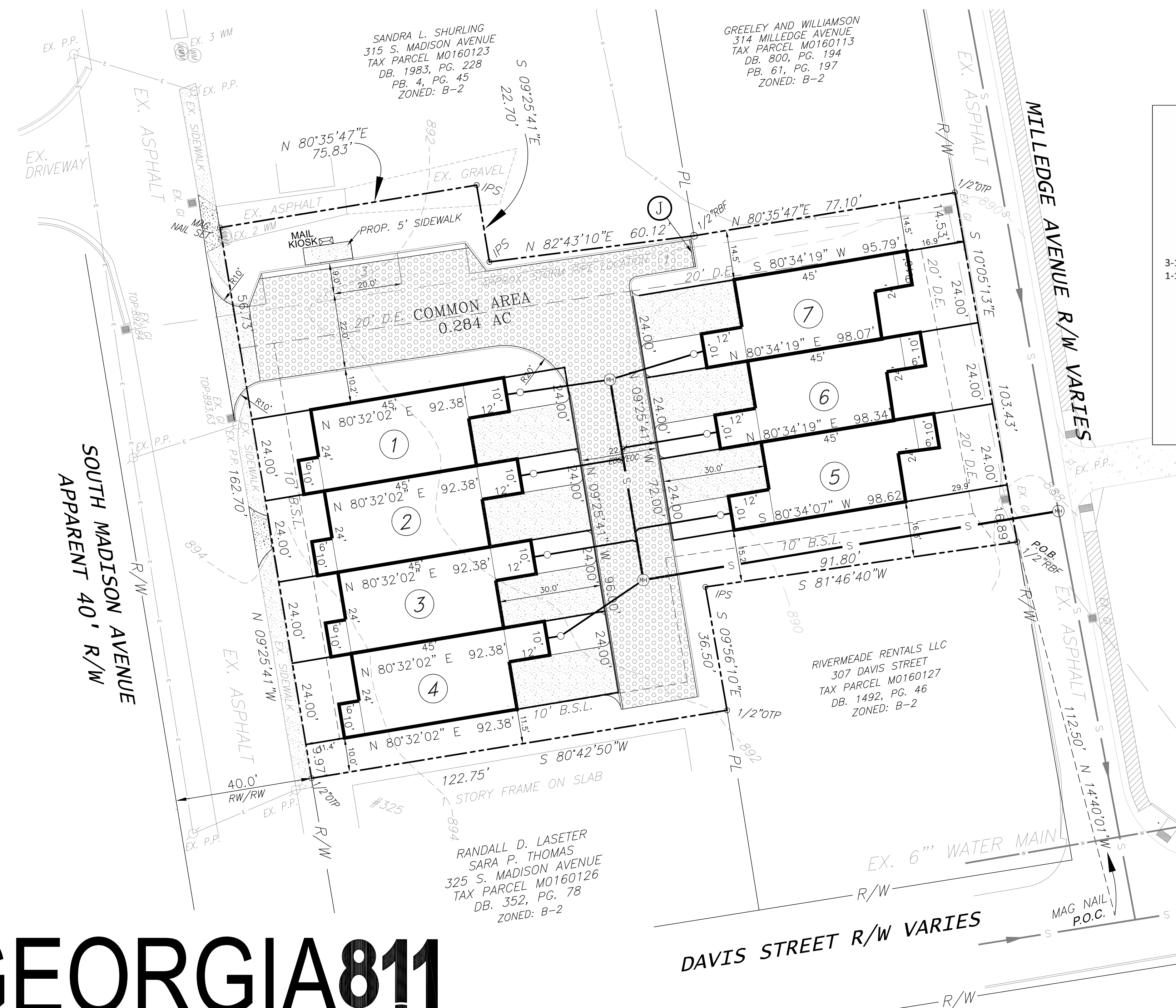
By: _____, City Clerk

TOTAL SITE AREA = 0.647 ACRES
TOTAL DISTURBED AREA = 0.65 ACRES
THERE ARE NO STATE WATERS ON THE SITE.
THERE ARE NO NWI WETLAND ON SITE. UPON A SITE VISIT, THERE WERE NO VEGETATION WHICH INDICATES WETLANDS ON SITE.



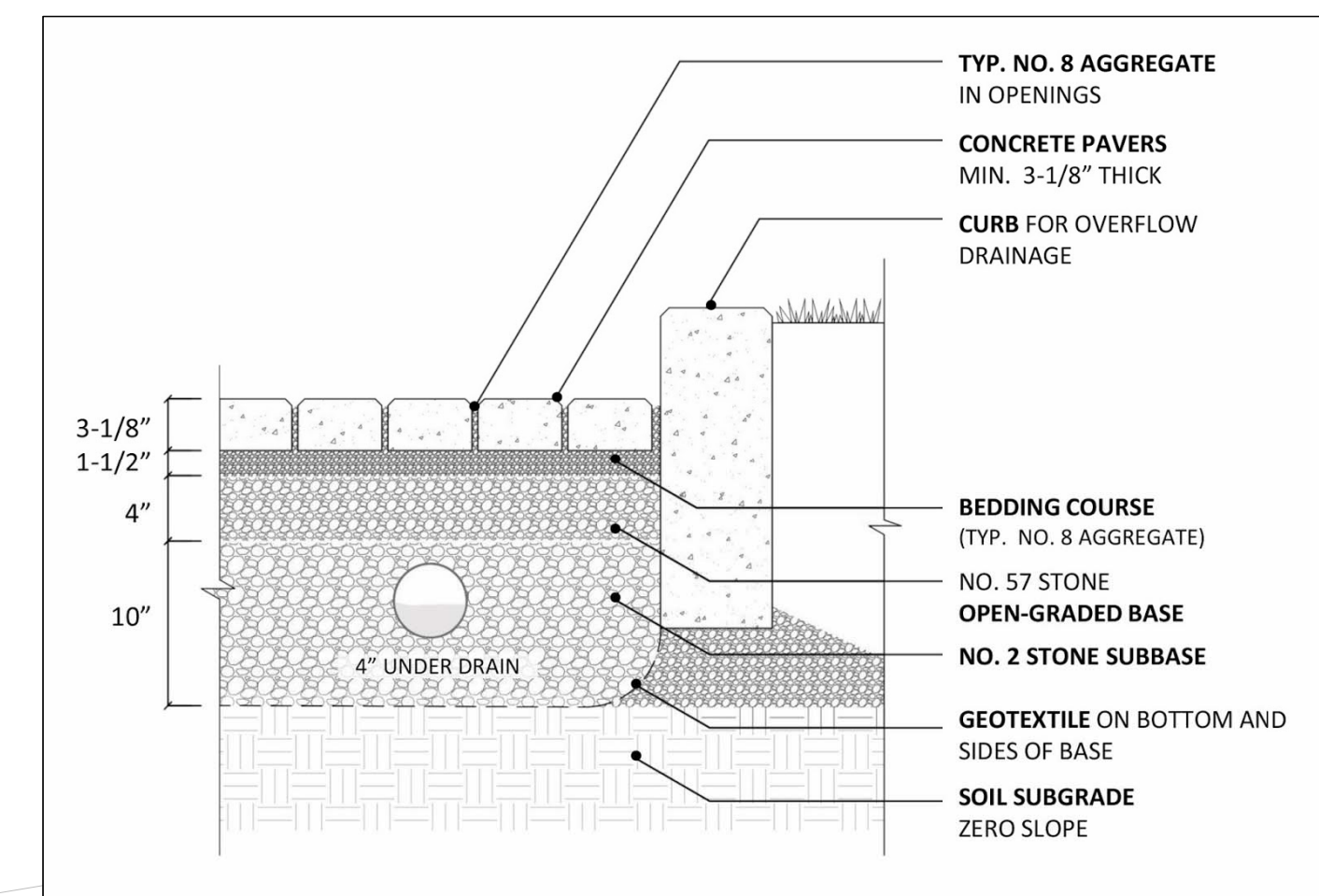
VICINITY MAP N.T.S.

- SITE PLAN NOTES**
- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY OF MONROE REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
 - CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF SIDEWALKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
 - ALL DISTURBED AREAS ARE TO RECEIVE SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
 - ALL ISLANDS WITH CURB & GUTTER SHALL BE LANDSCAPED. THOSE ISLANDS ARE TO HAVE 18" CURB & GUTTER.
 - ALL CURBED RADII ARE TO BE 5' UNLESS OTHERWISE NOTED. STRIPED RADII ARE TO BE 5'.
 - ALL DIMENSIONS AND RADII ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
 - THERE ARE EXISTING STRUCTURES TO BE REMOVED AS SHOWN. CONTACT ENGINEER IF ANY ADDITIONAL STRUCTURES ARE FOUND.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
 - BOUNDARY AND TOPOGRAPHIC INFORMATION TAKEN FROM A SURVEY BY ALCOVY SURVEYING AND ENGINEERING, INC. DATED 3-28-18.
 - TOTAL SITE AREA IS 0.647 ACRES.
 - SITE HAS NO EXISTING OR PREVIOUSLY EXISTING LANDFILLS AND NO PROPOSED ON-SITE BURIAL PITS.
 - THERE ARE NO CEMETERIES OR OTHER SIGNIFICANT OR HISTORICAL AREAS ON THE SITE.
 - SITE SHALL COMPLY WITH CITY OF MONROE B2 ZONING AND THE CONDITIONS APPROVED BY CITY COUNCIL.
 - WATER AND SEWER SERVICE BY CITY OF MONROE.
 - HANDICAP RAMPS REQUIRED AT ALL SIDEWALK CROSSINGS.
 - THE PROPERTY OWNER ASSOCIATION SHALL BE RESPONSIBLE FOR MAINTENANCE OF STORM WATER MANAGEMENT SYSTEM OUTSIDE OF THE RIGHT-OF-WAY INCLUDING DETENTION AND WATER QUALITY FACILITIES, LAKES, STORM DRAINS AND/OR WATER COURSES.
 - NECESSARY SIGNAGE, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC SHALL BE PROVIDED AND MAINTAINED THROUGHOUT THE WORKING AND CONSTRUCTION ON ROADS IN CITY OF MONROE.
 - STREETLIGHTS ARE TO BE DESIGNED AND INSTALLED BY POWER PROVIDER.
 - THERE ARE NO NWI WETLAND ON THE SITE.
 - THERE ARE NO STATE WATERS ON SITE.
 - HOA REQUIRED.
 - PROPOSED USE: TOWNHOMES WITH COMMON AREA.
 - SITE SETBACK: FRONT SETBACK - 10' SIDE SETBACK - 10' REAR SETBACK - 10'



PAVEMENT LEGEND

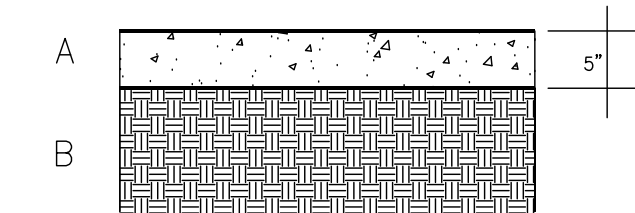
- PERMEABLE PAVER
- CONCRETE PAVEMENT



PERMEABLE PAVER

NO SCALE

- A. 5.0 INCH CONCRETE W/ FIBER MESH
- B. STABILIZED SUBGRADE (RAW SUBGRADE SOIL (IN SITU OR COMPACTED FILL) COMPACTED TO A MINIMUM OF 100% STD. PROCTOR



CONCRETE PAVEMENT

NO SCALE

LOT CHART		
LOT #	ACRES	AREA
1	0.0188	820 SQ. FT.
2	0.0094	409 SQ. FT.
3	0.0230	1,002 SQ. FT.
4	0.0246	1,070 SQ. FT.
5	0.0227	989 SQ. FT.
6	0.0229	997 SQ. FT.
7	0.0306	1,333 SQ. FT.



- LEGEND**
- R.B.F. = REBAR FOUND
 - I.P.S. = IRON PIN SET WITH CAP STAMPED "ALCOVY"
 - C.M.F. = CONCRETE MONUMENT FOUND
 - O.T.P. = OPEN TOP PIPE
 - C.T.P. = CRIMPED TOP PIPE
 - R/W = RIGHT OF WAY
 - P.L. = PROPERTY LINE
 - C.L. = CENTER LINE
 - B.S.L. = BUILDING SETBACK LINE
 - L.L. = LAND LOT
 - L.L.L. = LAND LOT LINE
 - G.M.D. = GEORGIA MILITIA DISTRICT
 - T.B.M. = TEMPORARY BENCH MARK
 - R. = RADIUS
 - CH. = CHORD
 - TAN. = TANGENT
 - N/O = NOW OR FORMERLY
 - D.B. = DEED BOOK
 - P.B. = PLAT BOOK
 - P.G. = PAGE
 - D.E. = DRAINAGE EASEMENT
 - S.S.E. = SANITARY SEWER EASEMENT
 - F.F.E. = FINISHED FLOOR ELEVATION
 - ⊕ = MANHOLE
 - ⊙ = DRAIN INLET
 - ⊙ = FIRE HYDRANT
 - ⊙ = LIGHT POLE
 - ⊙ = POWER POLE
 - P- = POWER LINE
 - X- = FENCE LINE
 - W- = WATER LINE
 - G- = GAS LINE
 - ⊕ = VALVE
 - ⊙ = WELL
- (DISTANCE) = DEED OR PLAT CALL
P.O.C. = POINT OF COMMENCEMENT
P.O.B. = POINT OF BEGINNING

GEORGIA811
www.Georgia811.com

A.C.E.

ALCOVY CONSULTING ENGINEERING AND ASSOCIATES, LLC.

P.O.C. TIP HUYNH, P.E.
485 Edwards Rd.
Oxford, Georgia 30054
Phone: 770-466-4002
tipacello@gmail.com

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PRELIMINARY PLAT

PROPOSED THE OVERLOOK OF MONROE

PARCEL: M0160124 & M0160125
LAND LOT: 65
DISTRICT: 3RD
319 S MADISON AVE.
CITY OF MONROE, GA

DATE: 6/17/2021

SCALE: 1" = 30'

OWNER/DEVELOPER

NEW LEAF GEORGIA, LLC.
P O BOX 256
STATHAM, GA 30666
BRUCE HENDLEY
706-424-0999
bruce@hendleyhomesga.com

24 HOUR - EMERGENCY CONTACT
BRUCE HENDLEY
706-424-0999
bruce@hendleyhomesga.com

REVISIONS

NO.	DATE	DESCRIPTION
1	7/21/21	CITY COMMENTS

JOB No. 18-033

C-1

**STATE OF GEORGIA
COUNTY OF WALTON
CITY OF MONROE**

CONTRACT FOR SERVICES

KNOW ALL MEN BY THESE PRESENTS, that the City of Monroe, in Walton County, Georgia, hereinafter called “City” and the Walton County Chamber of Commerce, a non-profit corporation, hereinafter called “Chamber” on this 14th day of September 2021, have contracted and agreed as follows:

This agreement shall be in effect for a period of one (1) year from the first day of July, 2021, through the last day of June, 2022. At the end of one (1) year this contract may be renewed by mutual agreement between the parties.

Notwithstanding any of the provisions of this agreement, it is agreed that the City has no financial interest in the business of the Chamber, and shall not be liable for any debts or obligations incurred by Chamber, nor shall City be deemed or construed to be a partner, joint venturer or otherwise interested in the assets of Chamber, or profits earned or derived by Chamber, nor shall Chamber at any time or times use the name or credit of the City in purchasing or attempting to purchase equipment, supplies, or other thing or things whatsoever.

Chamber in the performance of its operations and obligations hereunder shall not be deemed to be the agent of the City but shall be deemed to be an independent contractor in every respect and shall take all steps at its own expense as the City from time to time requests to indicate that it is an independent contractor. The City does not and will not assume any responsibility for the means by which or manner in which services by the Chamber, provided for herein, are performed, but on the contrary, Chamber shall be wholly responsible therefor.

Chamber shall not transfer or assign this agreement or the license or any of the rights or privileges granted herein without the prior written consent of the City.

Chamber hereby agrees to comply strictly with all ordinances of Monroe, Georgia, and the laws of the State of Georgia while performing the terms of this agreement.

Chamber agrees that upon violation of any of the covenants or agreements herein contained, on account of any act of omission or commission of Chamber, the City may, at its option, terminate and cancel this agreement.

The City agrees to pay to the Chamber for a term of one (1) year(s), on a per capita basis at forty cents (\$.40) per capita based on population estimate of 14,437 for the City of Monroe, total amount being \$5,774.80 and the Chamber agrees in consideration therefore to provide the City the following services:

- (1) Provide a full time professionally qualified director and a secretary to carry on the functions of the Chamber toward economic and community improvement and expansion of the area’s economy to benefit all citizens.
- (2) Maintain a professional office location, which is often the first impression, for new residents and new businesses to Walton County and the City of Monroe.
- (3) Assist the Downtown Development Authority when needed in seeking to attract and promote new and existing businesses with the City of Monroe.
- (4) Gather, keep updated, research and distribute information on the county as it pertains to newcomers and new businesses, including an up-to-date web-site promoting the community.
- (5) Develop and secure tools of the trade such as maps, brochures, magazines, reports, etc., as are necessary and required to adequately promote Walton County and the City of Monroe.
- (6) Work with local businesses in Walton County and the City of Monroe on promotions, training, grant opportunities and more to assist them with growing their businesses.
- (7) For the mutual and economic wellbeing of the County, to maintain contact, cooperate and work closely with other agencies and organizations with similar purposes such as the Georgia Chamber of Commerce; state utilities and departments, local, area and regional planning and development agencies; and, other groups, organizations, agencies and individuals.
- (8) Keep knowledgeable of local, state, regional and national trends in community development and work closely with local and area technical sources such as universities, colleges, authorities, and vocational technical institutions, and any and all other sources and aid to create more and better jobs for the benefit of Walton County, the City of Monroe and its citizens.
- (9) Continue with the Walton Proud initiative promoting excellent education options in Walton County and continue training adult and youth leaders through the Leadership Walton and Youth Leadership programs.

- (10) Continue to promote a Buy Local program, to help assist in keeping the sales tax in our community, which our cities and county depend on for infrastructure projects. In addition, pending Walton Chamber Board of Directors approval, we will manage SPLOST campaigns for the county/cities.
- (11) Serve as the principal public relations and information agency for the City and for all people who are referred by the City and who come into the Chamber offices but who would otherwise have to call upon the City for the services and information enumerated in this contract, and to serve or give directions to visitors in the City.
- (12) Welcome individuals and groups deemed by the City to be important to the City at their point of arrival and assist and help in coordinating the ground breakings, openings, civic presentations and other activities involving the City and its officials.
- (13) Counsel and assist potential new and expanding business, agencies and institutions and people moving into the area.
- (14) Through the management and staff of the Chamber, as well as volunteers from local leadership, to do everything possible to foster and promote the City of Monroe and Walton County, and to create and maintain its good name and good will.
- (15) To promote tourist business in Monroe by maintaining contact, information exchange and association with travel, visitor and tourist promotion agencies and organizations, and keep abreast of current methods, trends, ideas, programs and procedures in the tourist industry, including the coordination of such programs with appropriate regional, state and national agencies.
- (16) The professional staff of the Chamber will endeavor to increase and broaden their management and promotional skills and techniques by participating in seminars, workshops and short courses.
- (17) Initiate, assist and coordinate activities and programs, which will retain and enlarge retail sales in City and insure a viable downtown area.

WITNESS our hands and seals the 14th day of September 2021.

WALTON COUNTY CHAMBER OF COMMERCE

BY _____
Ned Butler, Chairman of the Board

(AFFIX SEAL)
ATTEST:

Teri H. Smiley
President

CITY OF MONROE

By _____
John Howard, Mayor

(AFFIX SEAL)
ATTEST:

City Clerk

APPOINTMENTS

Updated

June 6, 2021

Appointed

Term Expires

HOUSING AUTHORITY (Five-year term)

Stacey Favors	October 11, 2016	October 6, 2021
Lynn Hill	November 14, 2017	October 6, 2022
Mary Kate Watson Echols	September 11, 2018	October 6, 2023
Meketa Swords	October 8, 2019	October 6, 2024
Ruby Cooper	September 8, 2020	October 6, 2025



Appointed Board Member Biography

Name: Stacey Favors

Profession / Business: n/a Position: _____

Business Address: _____

Phone number: _____ Fax number: _____

Email address: sdfavors@windstream.net

Home Address: 220 Clearwater Drive Monroe GA 30655

Home Phone number: _____ Mobile Phone number: (770) 846-1155

(Please indicate address where you prefer to receive your mail)

Birthday: 04/29/1965 Birthplace: Athens GA

Education: BBA Degree

Hobbies: Sports

Membership in Service Clubs: n/a

Social Clubs: _____

Membership / Offices Held / Other Agency Boards:

n/a

Civic Appointments: _____

Political Offices: n/a

Reason for wanting to serve on _____ Board

Civic Duty



Housing Authority of the City of Monroe

808 E. Marable Street
Post Office Box 550
Monroe, Georgia 30655

KEVIN A. STUART
EXECUTIVE DIRECTOR

August 23, 2021

Honorable John Howard
Mayor, City of Monroe
PO Box 1249
Monroe, Georgia 30655

Dear Mayor Howard:

The current term of Mr. Stacey Favors on the Board of Commissioners of the Housing Authority of the City of Monroe, GA will expire on October 6, 2021. Mr. Favors has asked me to inform you that he would like to continue to serve as a commissioner.

Please allow this letter to serve as a recommendation for Mr. Favors' reappointment to the Housing Authority Board of Commissioners.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kevin Stuart".

Executive Director



To: City Council
From: Sadie Krawczyk
Department: Planning
Date: 09-14-21
Subject: Professional Services for Monroe Historic Survey Update

Budget Account/Project Name: 100-7200-521200 Professional Services

Funding Sources: General Fund

Budget Allocation:	\$5,028.00	2021 budget
	\$13,408.00	2022 budget
Budget Available:	\$22,283.17	
Requested Expense:	\$18,436.00	Company of Purchase:

Description:

Multiple companies submitted proposals for conducting the update to Monroe’s Historic Survey. The proposal attached has been reviewed by staff and recommended by the Historic Preservation Commission.

Background:

The City of Monroe issued a Request for Qualifications (RFP) for Professional Consulting & Planning Services to update the Historic Survey for the city as required by the Georgia Department of Community Affairs to maintain our certified local government status. This update will take 3-4 years with this first phase taking place from October 2021 through August 2022.

Attachment(s):

Proposal from recommended firm.



To: Planning and Zoning / City Council
From: Patrick Kelley
Department: Planning, Zoning, Code and Development
Date: 08-04-2021
Description: City of Monroe Zoning ordinance Text amendments #11

Budget Account/Project Name: NA

Funding Source: 2021 NA

Budget Allocation: NA

Budget Available: NA

Requested Expense: \$NA

Company of Purchase: NA

Recommendation: *Approve as presented*

Background: This is a text amendment to permit two uses by right in the M-1 zoning district. They are Crops grown under cover and Bio diesel production.

Attachment(s): Amendment, resolution and Amendment breakdown.



City of Monroe

215 N. Broad Street
Monroe, GA 30655
(770) 207-4674

REZONE PERMIT

PERMIT #:	108	DESCRIPTION:	ZONING TEXT AMENDMENT #11
JOB ADDRESS:	215 N BROAD ST	LOT #:	
PARCEL ID:		BLK #:	
SUBDIVISION:		ZONING:	
ISSUED TO:	CITY OF MONROE	CONTRACTOR:	CITY OF MONROE
ADDRESS:	P.O. BOX 1249	ADDRESS:	P.O. BOX 1249
CITY, STATE ZIP:	MONROE GA 30655	CITY, STATE ZIP:	MONROE GA 30655
PHONE:		PHONE:	
PROP.USE		DATE ISSUED:	8/05/2021
VALUATION:	\$ 0.00	EXPIRATION:	2/01/2022
SQ FT	0.00	PERMIT STATUS:	O
OCCP TYPE:		# OF BEDROOMS	
CNST TYPE:		# OF BATHROOMS	
INSPECTION REQUESTS:	770-207-4674 dadkinson@monroega.gov	# OF OTHER ROOMS	

FEE CODE	DESCRIPTION	AMOUNT
FEE TOTAL		\$ 0.00
PAYMENTS		\$ 0.00
BALANCE		\$ 0.00

City of Monroe Zoning Code Ordinance Text Amendment- Section 630.3 Table 6—Industrial Zoning District Land Use Regulations; Modifying Industrial Zoning District Land Use table to add the principle use of Agriculture: Greenhouse, nursery, and floriculture production—indoor food crop production and under the principle use of Industrial: Industry, heavy-manufacturing, repair, assembly, or processing—biodiesel fuel production. Both uses are to be added as permitted uses.

P&Z MTG 8/17/21 @5:30pm - COUNCIL MTG 9/14/21 6:00pm @ 215 N Broad St

NOTES:

NOTICE

THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN 6 MONTHS, OR IF CONSTRUCTION OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 6 MONTHS AT ANY TIME AFTER WORK IS STARTED.

I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS DOCUMENT AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISION OF ANY OTHER STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION.

(APPROVED BY)

____/____/____
DATE

**AN ORDINANCE TO AMEND THE ZONING
ORDINANCE OF THE CITY OF MONROE, GEORGIA**

The Mayor and Council of the city of Monroe, Georgia, hereby ordain as follows:

The Zoning Ordinance of the City of Monroe, officially adopted June 10, 2014, and Effective July 1, 2014, as thereafter amended, is hereby amended by implementing text amendments and changes outlined and identified in particular detail on Exhibit A, which such exhibit is incorporated herein by reference.

All ordinances or parts of ordinances in conflict herewith are hereby repealed.

These text amendments of the City of Monroe Zoning Ordinance shall take effect upon their adoption by the Mayor and Council.

FIRST READING. This 14th, day of September, 2021.

SECOND READING AND ADOPTED on this 12th day of October, 2021.

CITY OF MONROE, GEORGIA

**By: _____ (SEAL)
John Howard, Mayor**

**Attest: _____ (SEAL)
Debbie Kirk, City Clerk**

EXHIBIT A

City of Monroe Zoning Ordinance Text Amendment

Amendment # 11

1. Section 630.3 Table 6—Industrial Zoning District Land Use Regulations; Modifying Industrial Zoning District Land Use table to add the principle use of Agriculture: Greenhouse, nursery, and floriculture production—indoor food crop production and under the principle use of Industrial: Industry, heavy-manufacturing, repair, assembly, or processing—biodiesel fuel production. Both uses are to be added as permitted uses.

Proposed Amendments to the Zoning Ordinance

August 17 – Planning Commission
 September 14 – City Council 1st Reading
 October 12 – City Council 2nd Reading

Amendment Key

Blue – Language to be added

Red – Language to be removed

Green – Amendment description

- **Section 630.3: Modify Industrial Zoning District Land Use Regulation table to add land uses for Indoor Food Crop Production and Biodiesel Fuel Production. Added land uses will be permitted by right in the M-1 zoning district. Indoor Food Crop Production is based upon NAICS 111419 – Other Food Crops Grown Under Cover with an illustrative example of vegetable farming grown under cover. Biodiesel Fuel Production is based upon NAICS 324199 – All Other Petroleum and Coal Products Manufacturing with an illustrative example of biodiesel fuels not made in petroleum refineries and blended with purchased refined petroleum. These NAICS references should provide clarity regarding interpretation of the intent behind these land uses.**

Section 630.3 Industrial Land Use Regulations (M-1):

Section 630.3 Table 6 - Industrial Zoning District Land Use Regulations

[P]=permitted; [X]=prohibited;[C]=conditional use permit required

LAND USE CATEGORY	DISTRICT	REFERENCE
Principal Use*(unless noted as an accessory use)	M-1	See Section or Note
Accessory building and uses		
structures-general	P	See §1000.1
temporary buildings	P	See §1000.9
uses-general	P	See §1000.2
Administrative and information service facilities		
administrative offices/processing center	P	
call/telecommunications center	P	
data processing/programming facilities	P	
data processing/programming facilities with product production	P	
AGRICULTURE:		
Greenhouse, nursery, and floriculture production		
<u>indoor food crop production</u>	<u>P</u>	
Amusements and Entertainment		
adult entertainment establishment	P	Note (5)
archery range or firing range	P	See § 1031
game center	X	
miniature golf, outdoor	X	
play centers, skating rink, bowling alley	P	
theaters	X	
theaters, outdoor	X	
Animal facilities and services		
clinics and specialty services	C	
hospitals, lodging, and shelters	C	
Building, construction and special trade facilities		
contractor and developer offices	P	
contractor/developer offices with facilities	P	
contractor/developer office center	P	
landscape/irrigation service	P	
timber harvesting service	P	
tree surgery service	P	
building supply store, wholesale	P	

RESIDENTIAL	C		
Sales and service facilities			
appliance stores(small and large), retail, rental, and/or repairs	P	Note(4)	
building supply, retail	P		
equipment(small and large), service and rental	P		
equipment(office), service and rental	P		
fuel sales – liquid, wholesale and retail	P		
funeral and interment establishments, wholesale and storage	C		
janitorial cleaning services	P		
janitorial/cleaning supply store, wholesale	P		
laundry and/or dry cleaning establishments, full service	P		
lawn and garden supply, wholesale	P		
locksmith shop, service	P		
manufactured home sale lots	C		
pawn shop and pawnbrokers	P		Code of Ord. Chap 78
pest control services	P		
print and publication shops	P		
scrap hauling service	P		
sewer and septic tank service	C		
vending supply and service	P		
Transportation facilities			
airport	C		
administrative offices/dispatches	C		
commuter lot	C		
stations or terminals	C		
Utility and area service provider facilities			
emergency management services – fire, police, ambulance	P	See Article XI	
garbage and recycling collection services	C		
landfills, incinerators, and dumps	X		
recycling center	C		
telecommunications facility, radio and television stations	P		
telecommunications facility towers and antenna	P		
utility administrative office	P		
utility transformers, substations, and towers	P		
Distribution and storage facilities			
warehouse, self-service(mini)	P		
warehouse	P		
distribution warehouse facility	P		
Motor vehicles and equipment			
passenger vehicles and small engine equipment			
body repair and painting	P		
car wash, service or self-service	P		
fuel sales	P		
general service/installation of parts/accessories	P		
new or used, sales and rental	P		
parts/accessories, sales	P		
tires, sales	P		
vehicle storage yard	P		
welding and fabrication	P		
wrecker and/or towing, service	P		

heavy trucks, RVs and other heavy equipment		
body repair and painting	P	
fueling station	P	
general service/installation of parts and accessories	P	
new or used, sales and rental	P	
parts/accessories/tires, sales	P	
truck wash, service or self-service	P	
terminal, motor freight	P	
truck stop/travel plaza	P	

**NOTICE TO THE PUBLIC
CITY OF MONROE**

The City of Monroe Planning & Zoning commission will be holding a hearing for a zoning action/zoning code text amendment of Article VI, Section 630.3, Table 6. A public hearing will be held on August 17, 2021 at 5:30 P. M. in the City Hall Building at 215 N Broad Street.

The City of Monroe Council will be holding a hearing for a zoning action/zoning code text amendment of Article VI, Section 630.3, Table 6. A public hearing will be held on September 14, 2021 at 6:00 P.M. in the City Hall Building at 215 N Broad Street

All those having an interest should be present.

Please run on the following date:

August 1, 2021



To: City Council, Committee, Mayor, City Administrator
From: Andrew Dykes
Department: Fire
Date: 08/26/2021
Subject: Resolution: Adoption of Walton County Hazard Mitigation Plan Update 2020-2025

Budget Account/Project Name: NA

Funding Source: NA

Budget Allocation: NA

Budget Available: NA

Requested Expense: NA **Company of Purchase:** NA

Background:

The Federal Emergency Management Agency (FEMA) requires that every county and municipality have a pre-disaster mitigation plan in place that must be adopted by all covered entities in order to be eligible for funding from the Hazard Mitigation Grant Program. The Walton County Hazard Mitigation Plan meets this requirement and is updated every five years. In order for the plan to be in full compliance, each municipality must officially adopt the plan.

Attachment(s):

Walton County Hazard Mitigation Plan City of Monroe Resolution
Walton County Hazard Mitigation Plan Update 2020-2025

RESOLUTION – CITY OF MONROE, GEORGIA

WALTON COUNTY HAZARD MITIGATION PLAN UPDATE 2020 - 2025

WHEREAS, Walton County and its municipalities recognize that it is threatened by several different types of natural and man-made hazards that can result in loss of life, property loss, economic hardship and threats to public health and safety; and

WHEREAS, the Federal Emergency Management Agency (FEMA) has required that every county and municipality have a pre-disaster mitigation plan in place, and requires the adoption of such plans in order to receive funding from the Hazard Mitigation Grant Program; and

WHEREAS, a Hazard Mitigation Plan is a community’s plan for evaluating hazards, identifying resources and capabilities, selecting appropriate actions, and developing and implementing the preferred mitigation actions to eliminate or reduce future damage in order to protect the health, safety and welfare of the residents in the community; and

WHEREAS, the Walton County Hazard Mitigation Plan Update 2020 - 2025 has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and

WHEREAS, the Plan will be updated every five years;

NOW, THEREFORE, BE IT RESOLVED, by the City of Monroe, Georgia, that:

- 1) The City of Monroe, Georgia, has adopted the Walton County Hazard Mitigation Plan Update 2020 – 2025; and
- 2) It is intended that the Plan be a working document and is the first of many steps toward improving rational, long-range mitigation planning and budgeting for Walton County and its municipalities.

PASSED, APPROVED AND ADOPTED by the Mayor and Council of the City of Monroe,

Georgia, in regular session this _____ day of _____, 2021.

Mayor

City Clerk

WALTON COUNTY HAZARD MITIGATION PLAN UPDATE 2020 - 2025

Walton County Emergency Management Agency

Walton County, Georgia Hazard Mitigation Plan Update 2020 – 2025



WALTON COUNTY
Georgia

Prepared for the Walton County Board of Commissioners

303 South Hammond Drive, Suite 330

Monroe, Georgia 30655

770.267.1301

www.Waltoncountyga.gov

Walton County's Hazard Mitigation Plan Update 2020

This document was funded in part by the Hazard Mitigation Planning Grant awarded to the Walton County Emergency Management Agency by the Georgia Emergency Management Agency (GEMA) to fulfill the requirements of the Federal Disaster Mitigation Act of 2000 (DMA 2000). Walton County's Hazard Mitigation Plan 2015 was updated by the Walton County Hazard Mitigation Plan Update Committee and was prepared by Lux Mitigation and Planning Corp. For additional information, please contact Walton County Emergency Management Agency.

Director Carl Morrow
Walton County Emergency Management Agency
303 South Hammond Drive
Monroe, Georgia 30655
carl.morrow@co.walton.ga.us
770.267.1336

Resolution – Walton County**RESOLUTION – WALTON COUNTY, GEORGIA****WALTON COUNTY HAZARD MITIGATION PLAN UPDATE 2020-2025**

WHEREAS, Walton County and its municipalities recognize that it is threatened by several different types of natural and man-made hazards that can result in loss of life, property loss, economic hardship and threats to public health and safety; and

WHEREAS, the Federal Emergency Management Agency (FEMA) has required that every county and municipality have a pre-disaster mitigation plan in place, and requires the adoption of such plans in order to receive funding from the Hazard Mitigation Grant Program; and

WHEREAS, a Hazard Mitigation Plan is a community's plan for evaluating hazards, identifying resources and capabilities, selecting appropriate actions, and developing and implementing the preferred mitigation actions to eliminate or reduce future damage in order to protect the health, safety and welfare of the residents in the community; and

WHEREAS, the Walton County Hazard Mitigation Plan Update 2020 - 2025 has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and

WHEREAS, the Plan will be updated every five years;

NOW, THEREFORE, BE IT RESOLVED, by the Board of Commissioners of Walton County, Georgia, that:

1) Walton County, Georgia, has adopted the Walton County Hazard Mitigation Plan Update 2020 - 2025; and

2) It is intended that the Plan be a working document and is the first of many steps toward improving rational, long-range mitigation planning and budgeting for Walton County and its municipalities.

PASSED, APPROVED AND ADOPTED by the Walton County, Georgia,

Board of Commissioners in regular session this 6th day of October, 2020.



Chairperson



County Clerk

Resolution – Walton County Municipalities

Requirement §201.6(c)(5)

RESOLUTION – CITY OF MONROE, GEORGIA**WALTON COUNTY HAZARD MITIGATION PLAN UPDATE 2020-2025**

WHEREAS, Walton County and its municipalities recognize that it is threatened by several different types of natural and man-made hazards that can result in loss of life, property loss, economic hardship and threats to public health and safety; and

WHEREAS, the Federal Emergency Management Agency (FEMA) has required that every county and municipality have a pre-disaster mitigation plan in place, and requires the adoption of such plans in order to receive funding from the Hazard Mitigation Grant Program; and

WHEREAS, a Hazard Mitigation Plan is a community's plan for evaluating hazards, identifying resources and capabilities, selecting appropriate actions, and developing and implementing the preferred mitigation actions to eliminate or reduce future damage in order to protect the health, safety and welfare of the residents in the community; and

WHEREAS, the Walton County Hazard Mitigation Plan Update 2020 - 2025 has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and

WHEREAS, the Plan will be updated every five years;

NOW, THEREFORE, BE IT RESOLVED, by the City of Monroe, Georgia, that:

1) The City of Monroe, Georgia, has adopted the Walton County Hazard Mitigation Plan Update 2020 - 2025; and

2) It is intended that the Plan be a working document and is the first of many steps toward improving rational, long-range mitigation planning and budgeting for Walton County and its municipalities.

PASSED, APPROVED AND ADOPTED by the Mayor and Council of the City of

Monroe, Georgia, in regular session this _____ day of _____, 2020.

Mayor

City Clerk

RESOLUTION – CITY OF LOGANVILLE, GEORGIA

WALTON COUNTY HAZARD MITIGATION PLAN UPDATE 2020-2025

WHEREAS, Walton County and its municipalities recognize that it is threatened by several different types of natural and man-made hazards that can result in loss of life, property loss, economic hardship and threats to public health and safety; and

WHEREAS, the Federal Emergency Management Agency (FEMA) has required that every county and municipality have a pre-disaster mitigation plan in place, and requires the adoption of such plans in order to receive funding from the Hazard Mitigation Grant Program; and

WHEREAS, a Hazard Mitigation Plan is a community’s plan for evaluating hazards, identifying resources and capabilities, selecting appropriate actions, and developing and implementing the preferred mitigation actions to eliminate or reduce future damage in order to protect the health, safety and welfare of the residents in the community; and

WHEREAS, the Walton County Hazard Mitigation Plan Update 2020 - 2025 has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and

WHEREAS, the Plan will be updated every five years;

NOW, THEREFORE, BE IT RESOLVED, by the City of Loganville, Georgia, that:

- 1) The City of Loganville, Georgia, has adopted the Walton County Hazard Mitigation Plan Update 2020 - 2025; and
- 2) It is intended that the Plan be a working document and is the first of many steps toward improving rational, long-range mitigation planning and budgeting for Walton County and its municipalities.

PASSED, APPROVED AND ADOPTED by the Mayor and Council of the City of

Loganville, Georgia, in regular session this _____ day of _____, 2020.

Mayor

City Clerk

RESOLUTION – CITY OF SOCIAL CIRCLE, GEORGIA

WALTON COUNTY HAZARD MITIGATION PLAN UPDATE 2020-2025

WHEREAS, Walton County and its municipalities recognize that it is threatened by several different types of natural and man-made hazards that can result in loss of life, property loss, economic hardship and threats to public health and safety; and

WHEREAS, the Federal Emergency Management Agency (FEMA) has required that every county and municipality have a pre-disaster mitigation plan in place, and requires the adoption of such plans in order to receive funding from the Hazard Mitigation Grant Program; and

WHEREAS, a Hazard Mitigation Plan is a community’s plan for evaluating hazards, identifying resources and capabilities, selecting appropriate actions, and developing and implementing the preferred mitigation actions to eliminate or reduce future damage in order to protect the health, safety and welfare of the residents in the community; and

WHEREAS, the Walton County Hazard Mitigation Plan Update 2020 - 2025 has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and

WHEREAS, the Plan will be updated every five years;

NOW, THEREFORE, BE IT RESOLVED, by the City of Social Circle, Georgia, that:

- 1) The City of Social Circle, Georgia, has adopted the Walton County Hazard Mitigation Plan Update 2020 - 2025; and
- 2) It is intended that the Plan be a working document and is the first of many steps toward improving rational, long-range mitigation planning and budgeting for Walton County and its municipalities.

PASSED, APPROVED AND ADOPTED by the Mayor and Council of the City of

Social Circle, Georgia, in regular session this _____ day of _____,

2020.

Mayor

City Clerk

RESOLUTION – TOWN OF BETWEEN, GEORGIA

WALTON COUNTY HAZARD MITIGATION PLAN UPDATE 2020-2025

WHEREAS, Walton County and its municipalities recognize that it is threatened by several different types of natural and man-made hazards that can result in loss of life, property loss, economic hardship and threats to public health and safety; and

WHEREAS, the Federal Emergency Management Agency (FEMA) has required that every county and municipality have a pre-disaster mitigation plan in place, and requires the adoption of such plans in order to receive funding from the Hazard Mitigation Grant Program; and

WHEREAS, a Hazard Mitigation Plan is a community’s plan for evaluating hazards, identifying resources and capabilities, selecting appropriate actions, and developing and implementing the preferred mitigation actions to eliminate or reduce future damage in order to protect the health, safety and welfare of the residents in the community; and

WHEREAS, the Walton County Hazard Mitigation Plan Update 2020 - 2025 has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and

WHEREAS, the Plan will be updated every five years;

NOW, THEREFORE, BE IT RESOLVED, by the Town of Between, Georgia, that:

- 1) The Town of Between, Georgia, has adopted the Walton County Hazard Mitigation Plan Update 2020 - 2025; and
- 2) It is intended that the Plan be a working document and is the first of many steps toward improving rational, long-range mitigation planning and budgeting for Walton County and its municipalities.

PASSED, APPROVED AND ADOPTED by the Mayor and Council of the Town of

Between, Georgia, in regular session this _____ day of _____, 2020.

Mayor

Town Clerk

RESOLUTION – TOWN OF JERSEY, GEORGIA

WALTON COUNTY HAZARD MITIGATION PLAN UPDATE 2020-2025

WHEREAS, Walton County and its municipalities recognize that it is threatened by several different types of natural and man-made hazards that can result in loss of life, property loss, economic hardship and threats to public health and safety; and

WHEREAS, the Federal Emergency Management Agency (FEMA) has required that every county and municipality have a pre-disaster mitigation plan in place, and requires the adoption of such plans in order to receive funding from the Hazard Mitigation Grant Program; and

WHEREAS, a Hazard Mitigation Plan is a community’s plan for evaluating hazards, identifying resources and capabilities, selecting appropriate actions, and developing and implementing the preferred mitigation actions to eliminate or reduce future damage in order to protect the health, safety and welfare of the residents in the community; and

WHEREAS, the Walton County Hazard Mitigation Plan Update 2020 - 2025 has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and

WHEREAS, the Plan will be updated every five years;

NOW, THEREFORE, BE IT RESOLVED, by the Town of Jersey, Georgia, that:

- 1) The Town of Jersey, Georgia, has adopted the Walton County Hazard Mitigation Plan Update 2020 - 2025; and
- 2) It is intended that the Plan be a working document and is the first of many steps toward improving rational, long-range mitigation planning and budgeting for Walton County and its municipalities.

PASSED, APPROVED AND ADOPTED by the Mayor and Council of the Town of Jersey, Georgia, in regular session this _____ day of _____, 2020.

Mayor

Town Clerk

RESOLUTION – TOWN OF GOOD HOPE, GEORGIA

WALTON COUNTY HAZARD MITIGATION PLAN UPDATE 2020-2025

WHEREAS, Walton County and its municipalities recognize that it is threatened by several different types of natural and man-made hazards that can result in loss of life, property loss, economic hardship and threats to public health and safety; and

WHEREAS, the Federal Emergency Management Agency (FEMA) has required that every county and municipality have a pre-disaster mitigation plan in place, and requires the adoption of such plans in order to receive funding from the Hazard Mitigation Grant Program; and

WHEREAS, a Hazard Mitigation Plan is a community’s plan for evaluating hazards, identifying resources and capabilities, selecting appropriate actions, and developing and implementing the preferred mitigation actions to eliminate or reduce future damage in order to protect the health, safety and welfare of the residents in the community; and

WHEREAS, the Walton County Hazard Mitigation Plan Update 2020 - 2025 has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and

WHEREAS, the Plan will be updated every five years;

NOW, THEREFORE, BE IT RESOLVED, by the Town of Good Hope, Georgia, that:

- 1) The Town of Good Hope, Georgia, has adopted the Walton County Hazard Mitigation Plan Update 2020 - 2025; and
- 2) It is intended that the Plan be a working document and is the first of many steps toward improving rational, long-range mitigation planning and budgeting for Walton County and its municipalities.

PASSED, APPROVED AND ADOPTED by the Mayor and Council of the Town of Good Hope, Georgia, in regular session this _____ day of _____, 2020.

Mayor

Town Clerk

RESOLUTION – TOWN OF WALNUT GROVE, GEORGIA

WALTON COUNTY HAZARD MITIGATION PLAN UPDATE 2020-2025

WHEREAS, Walton County and its municipalities recognize that it is threatened by several different types of natural and man-made hazards that can result in loss of life, property loss, economic hardship and threats to public health and safety; and

WHEREAS, the Federal Emergency Management Agency (FEMA) has required that every county and municipality have a pre-disaster mitigation plan in place, and requires the adoption of such plans in order to receive funding from the Hazard Mitigation Grant Program; and

WHEREAS, a Hazard Mitigation Plan is a community’s plan for evaluating hazards, identifying resources and capabilities, selecting appropriate actions, and developing and implementing the preferred mitigation actions to eliminate or reduce future damage in order to protect the health, safety and welfare of the residents in the community; and

WHEREAS, the Walton County Hazard Mitigation Plan Update 2020 - 2025 has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and

WHEREAS, the Plan will be updated every five years;

NOW, THEREFORE, BE IT RESOLVED, by the Town of Walnut Grove, Georgia, that:

- 1) The Town of Walnut Grove, Georgia, has adopted the Walton County Hazard Mitigation Plan Update 2020 - 2025; and
- 2) It is intended that the Plan be a working document and is the first of many steps toward improving rational, long-range mitigation planning and budgeting for Walton County and its municipalities.

PASSED, APPROVED AND ADOPTED by the Mayor and Council of the Town of Walnut Grove, Georgia, in regular session this _____ day of _____, 2020.

Mayor

Town Clerk

Preface

Mitigation Vision for the Future

Emergency Managers succeed or fail based on how well they follow the following fundamental principles of emergency management, mitigation, preparedness, response and recovery. Purposefully, our emergency management forefathers put the word mitigation first as a “means” to prevent or minimize the effects of disasters.

Mitigation is commonly defined as sustained actions taken to reduce or eliminate long-term risk to people and property from hazards and their effects. Hazard mitigation focuses attention and resources on community policies and actions that will produce successive benefits over time. A mitigation plan states the aspirations and specific courses of action that a community intends to follow to reduce vulnerability and exposure to future hazard events. These plans are formulated through a systematic process centered on the participation of citizens, businesses, public officials, and other community stakeholders.

Mitigation forms, or should form, the very foundation of every emergency management agency. To reduce, minimize, or eliminate hazards in their communities, emergency management agencies adopt and implement mitigation practices. The Federal DMA 2000 sets the benchmark and outlines the criteria for communities with the vision to implement hazard mitigation practices in their communities.

Walton County and its municipalities realize the benefits achieved by the development and implementation of mitigation plans and strategies in their community. Walton County’s elected officials, public safety organizations, planners, and many others have proven that by working together towards the development and implementation of this plan, they can reduce the loss of life and property in their communities.

The jurisdictions covered by this plan include the following:

- Walton County
- City of Monroe
- City of Loganville
- City of Social Circle
- Town of Between
- Town of Good Hope
- Town of Jersey
- Town of Walnut Grove

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CHAPTER ONE
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INTRODUCTION

Summary of Updates for Chapter One

The following table provides a description of each section of this chapter and a summary of the changes that have been made to the Walton County Hazard Mitigation Plan 2016.

Chapter 1 Section	Updates
Introduction	<ul style="list-style-type: none"> • Identification of Mitigation Goals
Authority	<ul style="list-style-type: none"> • Verbiage updated
Funding	<ul style="list-style-type: none"> • Verbiage updated
Scope	<ul style="list-style-type: none"> • Verbiage updated
Purpose	<ul style="list-style-type: none"> • Verbiage updated
Consistency with Federal Guidelines	<ul style="list-style-type: none"> • Verbiage updated
Plan Review	<ul style="list-style-type: none"> • Verbiage updated • Updated mitigation meeting dates for 2019-2020 planning process
Hazard Mitigation Plan Update Committee	<ul style="list-style-type: none"> • Updated committee list to match the 2019-2020 planning participants • Updated to meet Federal guidelines
Public Participation	<ul style="list-style-type: none"> • Updated to match the 2019-2020 planning process
Multi-Jurisdictional Considerations	<ul style="list-style-type: none"> • Updated with requirement descriptions
Incorporation of Existing Plans, Studies, and Resources	<ul style="list-style-type: none"> • Updated with new plan, study, and resource incorporations

Introduction

The Walton County Hazard Mitigation Plan Update is the first phase of a multi-hazard mitigation strategy for the entire community. This Plan encourages cooperation among various organizations and crosses political sub-divisions. As written, this Plan fulfills the requirements of the Federal DMA 2000. DMA 2000 provides federal assistance to state and local emergency management agencies and other disaster response organizations to reduce damage from disasters. The Act is administered by GEMA and FEMA.

It is important that state and local government, public-private partnerships, and community citizens can see the results of these mitigation efforts; therefore, the goals and strategies need to be achievable. Walton County's Hazard Mitigation Plan Update Committee adopted the following goals during plan development:

- GOAL 1 Maximize the use of all resources by promoting intergovernmental coordination and partnerships in the public and private sectors
- GOAL 2 Harden communities against the impacts of disasters through the development of new mitigation strategies and strict enforcement of current regulations that have proven effective
- GOAL 3 Reduce and, where possible, eliminate repetitive damage, loss of life and property from disasters
- GOAL 4 Bring greater awareness throughout the community about potential hazards and the need for community preparedness

This plan complies with all requirements and scope of work as described in Walton County's Hazard Mitigation Grant application.

Authority

In the past, federal legislation has provided funding for disaster relief, recovery, and some hazard mitigation planning. The DMA 2000 is the latest legislation to improve the planning aspect of that process; it reinforces the importance of mitigation planning and emphasizes planning for disasters before they occur. The DMA 2000 establishes a pre-disaster hazard mitigation program and designates new requirements for the national post-disaster Hazard Mitigation Grant Program (HMGP). Section 322 identifies the new requirements for planning activities and increases the amount of HMGP funds available to states that have developed a comprehensive mitigation plan prior to the disaster.

State and local communities must have an approved mitigation plan in place prior to receiving post-disaster HMGP funds. Local mitigation plans must demonstrate that their proposed mitigation measures are based on a sound planning process that accounts for the risk to and the capabilities of the individual communities. To implement the new DMA 2000 requirements, FEMA prepared an Interim Final Rule, published in the Federal Register on February 26, 2002 at 44 CFR Parts 201 and 206, which establishes planning and funding criteria for states and local communities.

Developed in accordance with current state and federal rules and regulations governing local hazard mitigation plans, Walton County's Updated Hazard Mitigation Plan will be brought forth to each participating jurisdiction in Walton County to be formally adopted. The Plan shall be routinely monitored and revised to maintain compliance with the following provisions, rules, and legislation:

Section 322, Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as enacted by Section 104 of the Disaster Mitigation Act of 2000 (P.L. 106-390); and

FEMA's Interim Final Rule published in the Federal Register on February 26, 2002, at 44 CFR Part 201.

Funding

Walton County was awarded a \$44,000 Hazard Mitigation Planning Grant by FEMA through GEMA for the update of Walton County's 2015 Hazard Mitigation Plan. FEMA contributed 75% and GEMA contributed 10% of the total cost of the Plan Update. The Hazard Mitigation Planning Grant required a 15% match by Walton County. This match was fulfilled entirely (100%) by In-Kind contributions – time spent by county and municipal employees, local stakeholders, representatives from organizations, and citizen volunteers updating the Plan was provided instead of cash from the County's budget.

Scope

The scope of the Walton County Hazard Mitigation Plan Update encompasses all areas of Walton County, including municipalities. The Plan identifies all natural and technological hazards that could threaten life and property in Walton County. The scope of this Plan includes both short and long-term mitigation strategies with implementation and possible sources of project funding.

The Hazard Mitigation Plan Update is organized to incorporate the requirements of Interim Final Rule 44 CFR 201.4.

Chapter One includes an overview of the Hazard Mitigation Plan Update, the overall goals of the plan, and details of the planning process as required by Interim Final Rule 44 CFR 201.4(c)(1).

Chapter Two of the Plan details the Walton County profile, including the demographics, municipalities, and history of the county.

Chapter Three identifies the risk assessment process, past natural hazard events with associated losses, and current natural hazard risks. Potential losses are also analyzed as required by Interim Final Rule 44 CFR 201.4(c)(2). Additionally, Chapter Three identifies and analyzes potential technological hazards faced by Walton County.

Chapter Four identifies Walton County's hazard mitigation goals and objectives, mitigation strategies and actions, and sources of potential funding for mitigation projects as required by Interim Final Rule 44 CFR 201.4(c)(3).

Chapter Five identifies the maintenance and implementation strategies for the Plan. The process for evaluation of the Hazard Mitigation Plan implementation progress is also detailed as required by Interim Final Rule 44 CFR 201.4(c)(4) and (5).

Purpose

The purpose of the Walton County Hazard Mitigation Plan Update is to:

- Protect life, promote safety and preserve property by reducing the potential for future damages and economic losses that result from natural and technological hazards;
- Make communities in Walton County safer places to live, work, and play;
- Qualify for grant funding in both the pre-disaster and post-disaster environments;
- Speed the recovery and redevelopment process following future disaster events;
- Demonstrate a firm local commitment to hazard mitigation principles; and
- Comply with state and federal legislative requirements for local multi-jurisdictional hazard mitigation plans.

Consistency with Federal and State Mitigation Policies

The Plan is intended to enhance and complement state and federal recommendations for the mitigation of natural and technological hazards in the following ways:

- Substantially reduce the risk of life, injuries and hardship from the destruction of natural and technological disasters on an ongoing basis;
- Create greater public awareness about the need for individual preparedness and about the need to build safer, more disaster resistant communities;
- Develop strategies for long-term community sustainability during community disasters; and,
- Develop governmental and business continuity plans that will continue essential private sector and governmental activities during disasters.

FEMA publishes several guidance documents for local governments on mitigating natural disasters. The updated Walton County Hazard Mitigation Plan recognizes, adopts, incorporates, and endorses the following principles:

- Develop a strategic mitigation plan for Walton County;
- Enforce current building codes;
- Develop incentives to promote mitigation;
- Incorporate mitigation of natural hazards into land use plans;
- Promote awareness of mitigation opportunities and programs throughout our community on a continual basis; and,
- Identify potential funding sources for mitigation projects.

The private sector is often an overlooked segment of the community during disasters. It is vital that this sector of a community is included in mitigation efforts that are consistent with state and federal recommendations, such as the following:

- Develop mitigation incentives with insurance agencies and lending institutions;

- Encourage the creation of a business continuity plan for the continuance of commerce during and following a disaster; and,
- Partner with local businesses to educate customers about potential hazards in the community and possible mitigation ideas.

Individual citizens must be made aware of the hazards they may encounter. Additionally, they must be educated on how to protect themselves from the hazards they face. They must be shown that mitigation is an important part of reducing loss of life and property in their community. Their support is critical to the success of any mitigation effort. The updated Walton County Hazard Mitigation Plan supports the following FEMA recommendations regarding individual citizens:

- Become educated on the hazards that may impact your community;
- Become part of the process by supporting and encouraging mitigation programs that reduce vulnerability to disasters; and,
- An individual's responsibility is to safeguard his/her family, as well as themselves, prior to a disaster event.

Plan Review

Requirement §201.6(c)(1)

The contractor, Lux Mitigation and Planning, had the primary responsibility for collecting updated information and presenting pertinent data to the Plan Update Committee. An online, Dropbox folder was created for Walton County's Plan Update. The approved 2016 Hazard Mitigation Plan was uploaded to the Dropbox folder, and the link to the folder was emailed to all members of the Hazard Mitigation Plan Update Committee. Each chapter of the 2016 Plan was reviewed. Hazard vulnerability and risk assessment data was updated, as was critical infrastructure information.

Special attention and consideration were given to the review and edit of mitigation strategies listed in the 2016 Plan. The Plan Update Committee examined each strategy and determined whether the strategy had been completed, needed to be modified, was in progress, or no longer applied. The Committee was highly encouraged to create new mitigation strategies to meet the current needs of the county and municipalities. Mitigation strategies from other Georgia counties were reviewed to help with the creation of new strategies. When the Committee agreed a new mitigation action would be beneficial, it was tailored to Walton County's needs and was included in the 2020 Plan. The contractor sent the Committee, including sporadically attending participants, regular emails which contained a Dropbox link to the most updated version of the Plan and encouraged the Committee to thoroughly critique each version.

Due to the COVID-19 Pandemic, the 5th and final meeting was held virtually through the Zoom platform. During this meeting, the Hazard Mitigation Plan Update committee completed the review of the previous mitigation strategies, identified new strategies, and reviewed the rough draft of the 2020 Walton County Hazard Mitigation Plan.

Walton County's Hazard Mitigation Plan Update Meeting Dates:

Friday, September 27, 2019	Kick-Off Meeting
Friday, October 25, 2019	Hazard Identification and Prioritization; Update Critical Facilities Information
Friday, January 24, 2020	Analysis of Hazard Profile Research; Review and Edit 2016 Hazard Mitigation Strategies (Public Meeting #1)

Friday, February 28, 2020	Continue to Review and Edit 2016 Hazard Mitigation Strategies; Identify New Hazard Mitigation Strategies (Public Meeting #2)
Wednesday, July 29, 2020	Continue to Review and Edit 2016 Hazard Mitigation Strategies; Risk Assessment Analysis; Presentation of 2019 Hazard Mitigation Plan - Rough Draft (*Virtual Meeting due to Covid-19 pandemic)

Each section of Walton County's 2016 Hazard Mitigation Plan has been revised in some manner. Therefore, a summary of those changes will be listed in the first section of each chapter. Significant additions/modifications to this Plan include the following:

- Tropical Cyclone added to Natural Hazards
- Extreme Temperatures added to Natural Hazards
- Infrastructure Failure added to Technological Hazards
- Communications Failure removed as a stand-alone hazard and incorporated into Infrastructure Failure
- Emerging Infectious Diseases added to Technological Hazards

Hazard Mitigation Plan Update Participants

Requirement §201.6(b)(2)

The following 81 participants contributed to the update of Walton County's 2016 Hazard Mitigation Plan: (*in alphabetical order*)

David Adcock

Supervisor

City of Social Circle Street Department

John H. Alderman

Consultant – Scout Inc.

CERT Train-the-Trainer – Walton County Community Emergency Response Team (CERT)

Bob Allen

Maintenance Coordinator

Walton County School District

John Allman

Director

Walton County Public Works Department

Beth Armstrong

Assistant Director

Walton County Human Resources Department

William H. Ayers

Vice Chair – East Georgia Local Emergency Planning Committee (LEPC)

Disaster Services Technology – American Red Cross

Rick Baker

Licensed Professional Counselor

The Partnership, a member of East Georgia LEPC

Marmie Barrett

Training Supervisor

Walton County Emergency Medical Services

Rhonda Bell

Administrator

City of Madison Gas Department (Morgan County, Georgia)

Josh Bowman*Emergency Preparedness Specialist*

Georgia Department of Public Health - Northeast Health District

Bill Braswell*Foreman*

City of Loganville Stormwater Department

Patrice Broughton*Public Information Officer*

Walton County Board of Commissioners

Hugo Bryan-Porter*Pastor*

Lighthouse World Outreach Center

Jeff Carter*Head of Emergency Response*

Takeda, a member of East Georgia LEPC

Jody Carter*Supervisor*

Walton County Emergency Medical Services

Jayson Davis*Training and Safety*

City of Lawrenceville Gas Department (Gwinnett County, Georgia)

Jessica de Benedictis*Manager*

City of Monroe Wastewater Treatment Plant

Andrew Dykes*Battalion Chief*

City of Monroe Fire Department

W. Stanley “Stan” Edwards, PhD.*Disaster Preparedness Consultant**Treasurer - Walton County Citizens Corps Council***Jeff Fuesting***Chief of Police*

City of Social Circle Police Department

Ronnie Fulcher
Sewer Collection Foreman
City of Monroe

Randy Garrett
Volunteer
City of Good Hope Planning and Zoning Department

Shari Gray
Senior Officer/Supervisor
Walton County Animal Control

Robbie Groves
Environmental Compliance Specialist
City of Social Circle

Jimmy Guthrie
Mayor
City of Good Hope

Cathy Halgat
Laboratory Analyst
City of Monroe Water Treatment Plant

Kyle Hamby
Regulatory Compliance Supervisor
City of Lawrenceville (Gwinnett County, Georgia)

Kevin Haney
Fire Chief
Walton County Fire Rescue

Linda Hanna
Chief Financial Officer
Walton County Board of Commissioners – Finance Department

Susan Head
Town Clerk
Town of Jersey

Kevin Hill
Emergency Management Specialist
Gwinnett County Office of Emergency Management

Vashon Hill

Administrative Assistant
City of Monroe

Scheree Howard

Executive Administrative Coordinator
Newton County Fire Department

William B. Jennings

Supervisor
Walton County Emergency Medical Services

Ray Johnson

Assistant Director
Walton County Public Works Department

Rusty Johnson

Utility Superintendent
City of Madison (Morgan County, Georgia)

Elizabeth Jones

Senior Administrator – Alternative Energy Southeast
Historic Preservation Project Manager – University of Georgia

Timothy “Cledus” Jones

Supervisor
City of Loganville Highways and Streets Department

Morris Jordan

Director
Walton County Board of Commissioners – Water Department (WCWSA)

Tabatha Knight

Regulatory Compliance Officer
City of Winder (Barrow County, Georgia)

Catalina Kovac

Environmental Health Specialist IV
Walton County Environmental Health Department

Denise H. Lark

Regional Resource Coordinator – Region 5 and Region 2
Georgia Department of Family and Children Services

Craig League
Assistant Fire Chief
Walton County Fire Rescue

C. Richard Mayson
Local Citizen, Volunteer
Walton County

Maxine M^cClanahan
Citizen, Council Candidate
City of Walnut Grove

Tommy M^cClellan
Building Inspector and Code Enforcement
City of Monroe

Matt M^cClung
Captain
City of Monroe Police Department

Michael M^cDaniel
Plant Manager
City of Loganville Wastewater Treatment Plant

Rodney Middlebrooks
Director of Water, Sewer, Gas, and Stormwater
City of Monroe

Tim Mobley
Foreman
City of Monroe Stormwater Department

Stephanie Moncrief
City Councilperson
City of Walnut Grove

Shawn Morris
Superintendent
Walton County Animal Control

Carl Morrow
Director
Walton County Emergency Management Agency

Daniel Nix
Maintenance Coordinator
Walton County School District

Bill Owens
Fire Chief
City of Monroe Fire Department

Shannon Parr
Development Officer
Walton County Information Technology Department

Wendy Peacock
Administrative Coordinator
Newton County Emergency Management Agency

Matthew Peters
Foreman
City of Monroe Gas Department

Brandon Phillips
Assistant Director
City of Loganville Utilities Department

Brian Pilgrim
Manager
City of Walnut Grove Public Works Department

John Pilgrim
Captain
City of Monroe Police Department

Linda Pilgrim
Councilmember
City of Walnut Grove

Bryan Pittman
Foreman
City of Monroe Gas Department

Hal Queen
Director
Walton County Medical Reserve Corps

Samantha Rose*Acting Lieutenant*

City of Social Circle Police Department

Cassandra “Sandi” Saffold*Senior Health, Safety, and Environment Manager*

Hitachi Automotive, a member of East Georgia LEPC

Hank Shirley*Director*

Walton County Facilities and Risk Management

Patrick Slocum*Captain*

Walton County Fire Rescue

Sheila Renee Smith*Environmental Health Specialist*

Walton County Environmental Health Department

Joseph Stancil*Supervisor*

City of Loganville Utilities Department

Bradley G. Stanley*Community Emergency Response Team (CERT) Coordinator*

Walton County Citizens Corps Council

Holly Stephenson*Risk and Liability Specialist*

Walton County

Chris Taylor*Water Distribution Foreman*

City of Loganville

Brian Thompson*Electric and Telecom Director*

City of Monroe

Chris Tucker*Emergency Preparedness Coordinator*

Georgia Department of Public Health

Ty Vance

Captain of Uniform Patrol Division
Walton County Sheriff's Office

R.V. Watts

Chief of Police
City of Monroe Police Department

Sabrina Westbrook, R.N.

ICU Nurse; Trauma Register; Emergency Preparedness Team – Piedmont
Walton Hospital
Secretary – East Georgia Local Emergency Planning Committee

Zane White

Health, Safety, and Environment Analyst
Hitachi Automotive, a member of East Georgia LEPC

Wendra Williams

Director
Walton County 911

Carol D. Witcher

Citizen; Former Councilmember; Former Interim Mayor
City of Walnut Grove

Greg Yevick

Director of Facilities
Walton County School District

The Plan Update Committee relied on their consultant to guide them through the update process. During meetings, the participants had productive discussions, expanded their professional networks, asked thoughtful questions, made important decisions, and provided critical input during key stages in the update process. Efforts were made to involve all county and municipal departments, as well as community organizations and local businesses, that may have a role in the implementation of mitigation actions and/or policies. These efforts included sending invitations via email to attend the Kick-off Meeting, sending reminder emails before each upcoming meeting, emailing pertinent information throughout the process, and requesting the review and critique of each chapter in the updated Plan.

The municipalities of Between and Jersey did not have direct representation who attended meetings of the Walton County Hazard Mitigation Planning Committee. Both municipalities were included in all communication regarding the planning

process, invitation emails, and drafts sent by both Lux Mitigation and Planning and Walton County Emergency Management Agency. However, Walton County provides most services, include emergency management, fire protection, and law enforcement, for these two municipalities. As such, representation of Between and Jersey was provided by EMA Director Carl Morrow, Walton County Sheriff's Office Uniform Patrol Division Captain Ty Vance, and Walton County Fire Chief Kevin Haney during the meeting process.

In August 2020, Jersey and Between were provided a "City/Town Worksheet" and a copy of the updated Walton County Hazard Mitigation Plan to ensure their participation in the process and their review of the document. Upon completion, information provided by the municipalities, including capabilities and services, notable past hazard events, and any new municipal-specific strategies were added to the 2020 Walton County Hazard Mitigation Plan. Mayor Robert J. Post completed this participation document on behalf of the Town of Between. City Clerk Susan Head completed this participation document on behalf of the Town of Jersey.

All neighboring counties – Barrow, Gwinnett, Morgan, Newton, Oconee, and Rockdale – were asked to peer review the 2020 Mitigation Plan draft. The Plan was sent to each County EMA office. Walton County had significant support and contribution to the Hazard Mitigation Plan Update process from surrounding jurisdictions. Representatives from Newton County EMA and Fire Department, the City of Madison (Morgan County), the City of Lawrenceville (Gwinnett County), the City of Winder (Barrow County), and the Gwinnett County Office of Emergency Management all attended meetings of the Walton County Hazard Mitigation Planning Committee and contributed to discussions regarding potential hazards and mitigation strategies. Additionally, the EMA Directors from surrounding counties were asked to attend Plan Update Committee meetings in hopes they would share mitigation ideas from their own counties.

Public Participation

Requirement §201.6(b)(1)

State Requirement Element F2

Public awareness is a key component of any community's overall mitigation strategy. As citizens become more involved in decisions that affect their safety, they may develop a greater respect for the natural hazards present in their community, and thus, may take the steps necessary to reduce potential impacts of those hazards. Private citizens participated in the Walton County Hazard Mitigation Plan Update Committee meetings on several occasions throughout the process. Citizens attended the 1st, 4th, and 5th meetings and were full participants in the meeting process. These citizens contributed to the overall review of the mitigation strategies in the previous Walton County Hazard Mitigation Plan and helped to identify new mitigation strategies during the 4th and 5th meetings of the Walton County Hazard Mitigation Plan Update Committee.

The following local organizations and businesses participated in the update of Walton County's 2016 Mitigation Plan: Alternative Energy Southeast, American Red Cross, East Georgia Local Emergency Planning Committee, Hitachi Automotive, Lighthouse World Outreach Center, The Partnership, Piedmont Walton Hospital, Takeda, and the University of Georgia.

The Plan Update Committee took it upon themselves to ensure the processes undertaken for the development, implementation, and maintenance of the 2020 Hazard Mitigation Plan adequately considered public needs and viewpoints.

A list of public outreach initiatives can be found below:

- Email reminders were sent to all Plan Update Committee members, as well as other stakeholders, prior to every meeting. Recipients were encouraged to share the meeting invitation with anyone they thought would be an asset to the Plan Update process or anyone who may want to learn more about what a Hazard Mitigation Plan is.
- All of Walton County's meetings were advertised on the Walton County government calendar, which was visible on the front page of the Walton County, Georgia website.
- The January 24, 2020 meeting was advertised on the front page of the Walton County government website in the official government calendar and on the Walton County Government Facebook page.

- The February 28, 2020 meeting was advertised on the front page of the Walton County government website in the official government calendar.

Documentation of Public Meeting Notice

Front Page of Walton County website (shows January 2020 and February 2020 meeting information)

CALENDAR							EVENTS	
January 2020							Fri Jan. 24	Fri Feb. 28
Sun	Mon	Tue	Wed	Thu	Fri	Sat	<u>Walton County Hazard Mitigation Plan Meeting</u>	<u>Walton County Hazard Mitigation Plan Meeting</u>
29	30	31	1	2	3	4	The meeting on January 24, 2020, will be located in the Board Room located on the 3rd floor.	The meeting on February 28, 2020, will be located in the Board Room located on the 3rd floor.
5	6	7	8	9	10	11	Learn More	Learn More
12	13	14	15	16	17	18		
19	20	21	22	23	24	25	Tue Feb. 4	Tue Mar. 3
26	27	28	29	30	31	1	<u>Board of Commissioners Meeting</u>	<u>Board of Commissioners Meeting</u>
							Learn More	Learn More
							View All	

Walton County Government Facebook Page (January 24, 2020 Meeting Notice)

Walton County Government

January 15 at 9:04 AM · 🌐

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Public Meeting

All citizens are invited to attend and are encouraged to participate in Walton County's Hazard Mitigation Plan Update project. A meeting will be held on Friday, January 24th, at 10:00 am to discuss potentially impactful natural hazards and create mitigation actions that can be accomplished beforehand to lessen the impact of those hazards, if they were to occur. The meeting will be held at the Walton County Government Building located at 330 Hammond Drive in Monroe. For more information, please contact Carl Morrow, Director of Walton County Emergency Management Agency, at carl.morrow@co.walton.ga.us.

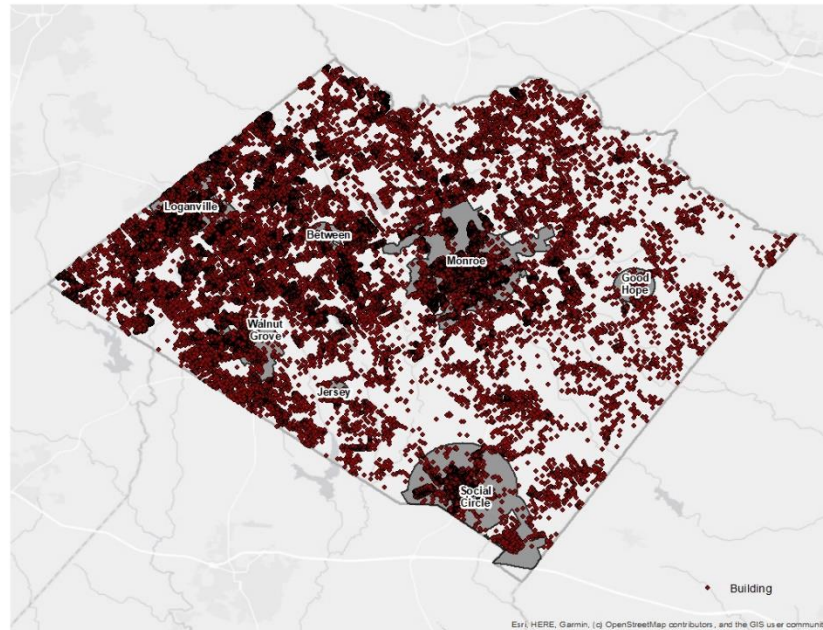
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7 Shares

Multi-Jurisdictional Considerations

FEMA does not require cities and towns to adopt a local Hazard Mitigation Plan. However, the Federal DMA 2000 requires that all municipalities, wishing to be eligible to receive Hazard Mitigation Grants through FEMA, must adopt a local multi-hazard mitigation plan and must update that plan every five years. Walton County's most recent Hazard Mitigation Plan was approved by FEMA in 2016. The 2020 Mitigation Plan is the third five-year update. This FEMA-approved 2020 Hazard Mitigation Plan makes Walton County, the City of Monroe, City of Loganville, City of Social Circle, Town of Between, Town of Good Hope, Town of Jersey, and the Town of Walnut Grove eligible for FEMA's Hazard Mitigation Grant Program, Flood Assistance Mitigation Grants, and Pre-Disaster Mitigation Grants.

As set forth by Georgia House Bill 489, the Emergency Management Agency is the implementing agency for projects pertaining to hazard mitigation. Walton County is dedicated to work in the best interests of the County, as well as, its municipalities. A few mitigation strategies in Walton County's 2020 Mitigation Plan apply to a specific municipality. Unless noted otherwise, mitigation strategies apply equally to all jurisdictions. During the creation and update of this Plan, Walton County Emergency Management Agency solicited and received participation from the following Walton County municipalities: Monroe, Loganville, Social Circle, Between, Good Hope, Jersey, and Walnut Grove.

Distribution of Buildings on Walton County



Source: 2020 Walton County HAZUS Report

Incorporation of Existing Plans, Studies, and Resources

Requirement §201.6(b)(3)

State Requirement Element F3

Existing Plans

2016 Walton County Pre-Disaster Hazard Mitigation Plan
2019 State of Georgia Hazard Mitigation Plan
2014 State of Georgia Hazard Mitigation Plan
Walton County Local Emergency Operations Plan
Georgia Forestry Commission's Walton Co. Community Wildfire Protection Plan
Walton County Joint Comprehensive Plan
Walton County Growth Management Plan

Studies

2020 Hazard Risk Analyses (HAZUS Report)
2017 United States Department of Agriculture Ag Census
2010 United States Census and 2016/2017 Census Estimates
2009 Walton County Flood Insurance Study
Radeloff, V. C., R. B. Hammer, S. I Stewart, J. S. Fried, S. S. Holcomb, and J. F. McKeefry. 2005. *The Wildland Urban Interface in the United States*. Ecological Applications 15:799-805.

Resources

2014 City of Boston Natural Hazard Mitigation Plan Update
2010 Camden County Joint Hazard Mitigation Plan Update
2010 Northern Virginia Hazard Mitigation Plan Update
National Climactic Data Center
National Weather Service
Walton County Tax Assessor's Data
Walton County Website
Georgia Mitigation Information System Database
Colorado State University (Hurricane mapping)
United States Geological Survey
FEMA Flood Insurance Rate Maps
National Flood Insurance Program
United States Coast Guard National Response Center Data
Georgia Department of Transportation
Georgia Safe Dams Program
Southern Group of State Foresters Wildfire Risk Assessment

Application of Existing Plans and Studies

Existing Planning Mechanism	Reviewed? Yes/No	Incorporation into 2020 Mitigation Plan
2016 Walton County Hazard Mitigation Plan	Yes	Baseline for the 2020 Plan; updated mitigation strategies; updated hazards; updated Walton County information
2019 State of Georgia Hazard Mitigation Plan	Yes	Hazard descriptions; potential hazards; mapping mechanisms; potential mitigation strategies that could be adopted on a local level
Walton County Local Emergency Operations Plan (LEOP)	Yes	Identification of current resources; identification of current capabilities
Georgia Forestry's Walton County Community Wildfire Protection Plan (CWPP)	Yes	Mitigation strategies for wildfire and drought; historical data
2017 USDA Agriculture Census	Yes	Agricultural data regarding potential losses for drought and wildfire
2010 United State Census	Yes	To update Walton County's profile information
2009 Walton County Flood Insurance Study	Yes	Identify potential flood prone areas; prioritization of flood-related mitigation strategies
Walton County Comprehensive Plan	Yes	To identify future development trends; identify mitigation strategies to curb trends in a direction that considers the hazards of the area
Walton County Growth Management Plan	Yes	To identify future development trends; identify mitigation strategies to curb trends in a direction that considers the area's hazards
Walton County Flood Mitigation Assistance Plan	No	No such plan exists
2020 Walton County HAZUS Report	Yes	Hazard Analysis

CHAPTER TWO
-
WALTON COUNTY PROFILE

Summary of Updates for Chapter Two

The following table provides a description of each section of this chapter and a summary of the changes that have been made to the Walton County Hazard Mitigation Plan 2016.

Chapter 2 Section	Updates
Past Hazards	<ul style="list-style-type: none"> • This information involved a review of the hazards listed in the previous plan. • Information was updated for the last 50 years
History	<ul style="list-style-type: none"> • Expanded and updated from previous plan
Past Events	<ul style="list-style-type: none"> • Identification of major hazard events in Walton County for the last 50 years • Focus on Federal Declarations and events since the last Hazard Mitigation Plan Update
Demographics	<ul style="list-style-type: none"> • Updated data to the 2017 Census estimate information
Economy	<ul style="list-style-type: none"> • Updated data and information
Government	<ul style="list-style-type: none"> • Updated verbiage
Municipalities	<ul style="list-style-type: none"> • New Section – Not a standalone section in 2016 Plan
Transportation	<ul style="list-style-type: none"> • Updated data and information
Climate	<ul style="list-style-type: none"> • Updated data and information
Utilities	<ul style="list-style-type: none"> • Updated data and information
NFIP Compliance	<ul style="list-style-type: none"> • New Section – Not a standalone section in 2016 Plan



Past Hazards

Walton County, Georgia, has faced many natural hazards in its long history. Severe thunderstorms have been the most prevalent of these hazards. In the last 50 years, Walton County has been subjected to 157 documented severe thunderstorm events. These events include torrential rainfall, hail, thunderstorm-force winds, and lightning.

Tornadoes, which can sometimes spawn from severe thunderstorms, have also occurred, although with much less frequency. In Walton County, there have been 8 documented tornadoes in the last 50 years.

Because of heavy rainfall, either within Walton County or upstream, flooding has also occurred. In the National Climactic Data Center (NCDC) databases of the National Weather Service, there is documentation of 9 flooding events for Walton County.

Winter storms and heavy snowfall have affected Walton County over the last 50 years. Because these natural events are barely an annual occurrence, the pre-planning and preparedness component of emergency management is not as robust as northern or western states that routinely see this type of weather. The NCDC recorded 22 winter storms or heavy snow events for Walton County with four of those events occurring in the last five years.

Walton County has been impacted by other less severe or less frequent hazards in the past. These hazards include, but are not limited to, the following: drought, excessive heat, tropical cyclones, earthquakes, and wildfires.

Walton County has had 11 Presidential Disaster Declarations (FEMA-declared major disasters) – four of which have occurred since the adoption of the 2016 Hazard Mitigation Plan (two for Hurricane Irma in 2017 and two for COVID-19 in 2020).

History

Walton County, forty-five miles east of Atlanta in Georgia's Piedmont region, is the state's forty-third county. Comprising 329 square miles, it was created on December 15, 1818, from land originally held by both the Cherokee and Creek Indians and was named for George Walton, a signer of the Declaration of Independence and briefly a Georgia governor. (There was a previous Walton County created by the state legislature in 1803, but its location became part of what is now North Carolina when a dispute over the state line was settled in 1811.) The county seat is Monroe, where the current county courthouse (the third) was built in 1884; since that time the structure has undergone major restorations and additions.

According to the 2010 U.S. census, Walton County's population was 83,768, an increase from the 2000 population of 60,687.

Monroe, first called Walton Court House, received its new name (honoring the fifth U.S. president, James Monroe) upon its designation as the county seat. The town was incorporated in 1821. Other incorporated communities are Between, Good Hope, Jersey, Social Circle, Walnut Grove, and part of Loganville.

The town of Between was incorporated in 1908, though it had been settled during the 1850s. The name was chosen for its location halfway between Monroe and Loganville. Good Hope and Jersey were incorporated in 1905. Good Hope bears the aspirations of its founders in its name. The first non-Indian residents arrived there during the 1830s, settling about a mile east of the town's current location. Jersey was first called Centerville, for its equidistance from the towns of Monroe, Covington (in Newton County), and Social Circle. During the early 1880s, when the townspeople were arranging for a post office, the discovery that another Centerville already existed prompted them to change the town's name. A local merchant and planter, T. M. Abercrombie, had recently imported a Jersey bull, which became the talk of the town, and a half-jokingly made suggestion that the community take its new name from the animal was accepted.

Loganville, incorporated as a town in 1887 and then as a city in 1914, was first called Buncombe. It was renamed in 1851 to honor an early settler, James Harvie Logan, who had arrived in 1842, bought sixty-two and a half acres, built a house, and set up shop as a shoemaker. Others soon settled nearby. Loganville is now one of the fastest-growing communities in Georgia, its population having increased by more than 70 percent between 1990 and 2000.

Social Circle was founded in 1820 by several men who obtained the land by lottery. It was centered at the junction of two Indian trails known today as Cherokee Road and Hightower Trail (perhaps a corruption of Etowah). Incorporated in 1832 as a village and in 1869 as a town, Social Circle, situated at the highest point of the

Georgia Railroad, was a transportation hub for the area before the Civil War (1861-65). Its lines were destroyed during the war by Union general William T. Sherman's troops on their March to the Sea, but the town recovered and prospered after the war was over.

Walnut Grove was incorporated in 1905 and has been the site of a U.S. post office since 1850.

The first settlers in Walton County were almost all farmers, along with an occasional doctor or lawyer. But merchants soon arrived to do business in the area as well. Cotton, various grains, potatoes, and some tobacco were the main cash crops.

Cotton mills were the first industry to be established in the county, beginning in the 1840s. These were soon followed by gristmills. Steam mills were established just before the Civil War, but factory work did not become a standard option for employment in the county until after the war. Despite the postwar rise of industry in the county, many of the area's freed slaves became sharecroppers. The 1890s saw a boom in the number of textile mills, leading to prosperity and growth until the devastation wrought by the boll weevil, soil erosion, and the Great Depression of the 1930s caused an economic downturn. The conversion from agriculture to industry picked up again during World War II (1941-45), and the county recovered its economic strength by embracing a diversified manufacturing base.

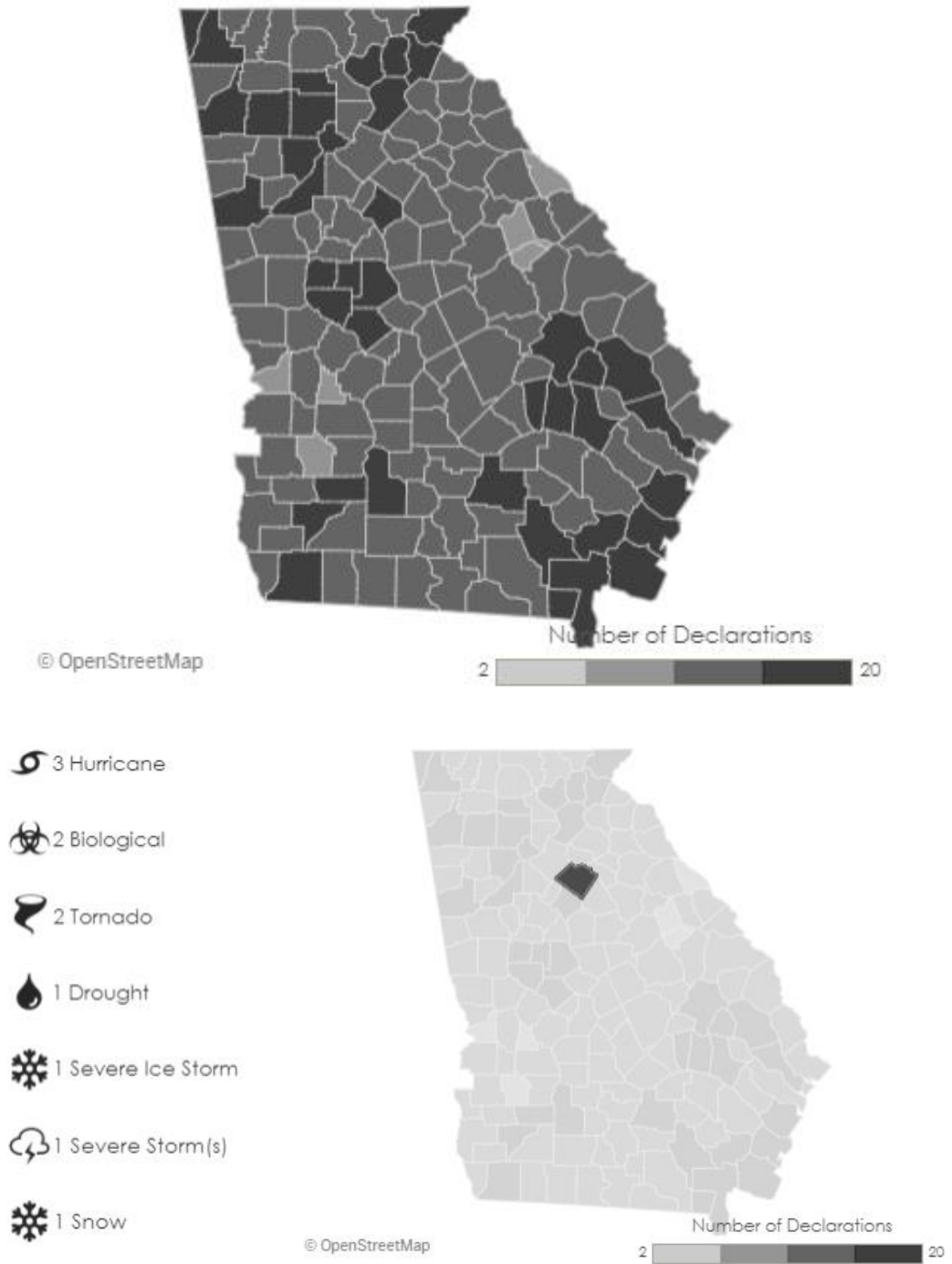
There are twenty-seven sites in Walton County on the National Register of Historic Places. Nineteen of them are in Monroe, including nine historic districts, while the others are shared among some of the smaller towns. The McDaniel-Tichenor House in Monroe was restored as a house museum by the Georgia Trust.



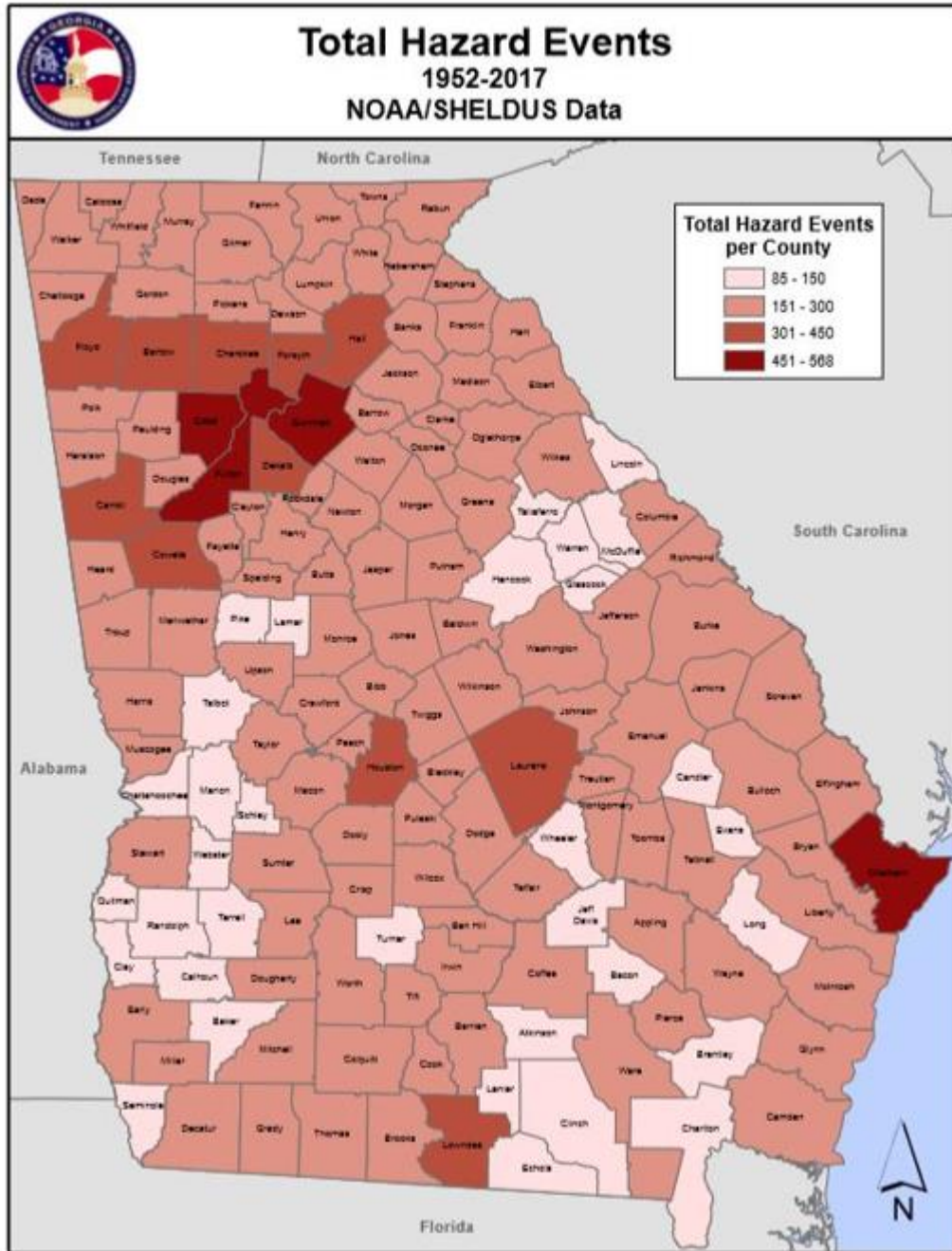
Notable Past Events

- **2020, COVID-19 Pandemic (Federal Declaration x2)**
- 2018, Tornado (EF1)
- 2018, Thunderstorm Wind Event
- 2017, Tornado (EF1)
- **2017, Hurricane Irma (Federal Declaration x 2)**
- **2014, Severe Winter Storm (Federal Declaration)**
- 2011, Hail Event
- 2009, Hail Event
- 2008, Hail Event
- 2005, Tornado (F0)
- 2005, Thunderstorm Wind Event
- 2005, Winter Storm
- **2000, Ice Storm (Federal Declaration)**
- 1997, Thunderstorm Wind Event
- 1997, Thunderstorm Wind Event
- 1994, Tornadoes (F1 and F0)
- **1993, Severe Storms/High Wind Event (Federal Declaration)**
- **1993, Blizzard (Federal Declaration)**
- 1990, Tornado (F1)
- **1977, Drought (Federal Declaration)**
- 1973, Tornado (F1)
- **1973, Tornado (F3) (Federal Declaration)**
- 1973, Tornado (F2)

Federal Disaster Declarations



Source: Federal Emergency Management Agency (FEMA)



Source: 2019 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Demographics

County

	2000 Census	2010 Census	2017 Census Estimates
Population	60,687	83,768	88,695
White	83.0%	80.1%	79.0%
African American	14.4%	15.6%	16.6%
Hispanic/Latino	1.9%	3.2%	4.0%
Asian	0.7%	1.1%	1.2%
American Indian	0.3%	0.3%	0.2%
Two or More Races	0.9%	1.5%	1.5%
Median Age	33.9	38.1	38.9
Median Household Income	\$46,479	\$52,369	\$55,876
Persons in Poverty	8.0%	13.8%	12.8%
Homeowners	76.5%	75.5%	73.0%

Municipalities

	2000 Census	2010 Census	2017 Census Estimates
Monroe	11,407	13,234	13,298
Loganville	5,435	10,438	11,355
Social Circle	3,379	4,262	4,389
Between	148	296	277
Good Hope	210	274	329
Jersey	163	137	116
Walnut Grove	1,241	1,330	1,221

Economy

Walton County's economy is primarily agricultural with some light industry. Walton County's cost of living is 8.4% above the national average. The unemployment rate in Walton County is 3.3%, which is slightly below the State average of 3.7% and the National average of 3.7%. Walton County has a median household income of \$55,876, which is slightly above the national average of \$51,914.

The ten largest private employers in Walton County are:

Company	Product/Service
Bxl Covington	
Elite Storage Solutions, LLC	Pallet Rack Manufacturer
Hitachi Automotive Products (USA), Inc.	Automotive Parts
Leggett & Platt, Inc.	Manufacturing
Piedmont Walton Hospital	Healthcare Facility
Pike Electric, LLC	Electric Service Support
Standridge Color Corp	Thermoplastics Support
The Goodyear Tire & Rubber Co	Tire Manufacturing
Tucker Door & Trim, LLC	Wholesale Door and Trim Distribution
Walmart	Department Store/Retail

The above list is in alphabetical order, not in order of company size. This data is according to the Georgia Department of Labor, 2019.

Government

The form of government specified in the County Charter is known as Commission-Administrator form of government, which provides for an elected body of Commissioners, one from each of six geographic districts and a chairman who is elected countywide, who are elected in staggered four-year terms and a County Manager to oversee the day to day management of the County. Although each County Commissioner is elected as a representative from their respective districts, they represent the interests of the entire county and all its citizens.

The main duties of the Board of Commissioners is to pass local laws, known as ordinances, that regulate a variety of things that promote the health, safety and welfare of the citizens covered by them; to pass a balanced budget each year that funds its own operations as well as to allocate funds to the four Constitutional Officers, other elected officials, the courts and a variety of programs put in place by the State but funded locally; to ensure that necessary services are funded and provided; to set the millage rate for the County government and many other secondary duties.

The Board of Commissioners sets the County millage rate each year to fund a portion of the County budget. They also receive the millage rate that is set by the Board of Education and an assessment by the State which is submitted to the Georgia Department of Revenue each year.

The Board receives, deliberates and passes local ordinances each year and amends many others to reflect the changing times. Both require that a public hearing be held, and these are normally held during the regular Commission meetings. They also pass several resolutions and proclamations throughout the year. Generally, with some exceptions, the Board can pass any local law and ordinance they feel is needed for the County so long as it does not violate the laws of the State or Federal government or the Constitutional rights of any individual. These are researched thoroughly by legal staff before ever being brought to a hearing.

The Board of Commissioners provide many services that citizens expect through the revenues that are raised annually. These include Fire and Ambulance protection; E-911 dispatch services; Zoning and Planning; Inspections; Code Enforcement; Animal Control; Public Library; Public Works; and agencies that service all of these such as Building Maintenance, Vehicle Maintenance, and Emergency Management Services. The budget also funds state mandated services such as Law Enforcement and Detention; Superior, Probate, Magistrate and Juvenile courts; Tax Assessment and Tax Collection services; Elections management; District Attorney (shared with other counties) and some smaller funding for local agencies under the State of Georgia.

Transportation

Walton County's transportation system consists primarily of state highways and county-maintained roads. Interstate 20, US Highways 78 and 278, as well as Georgia State highways 10, 11, 12, 20, 81, 83, 138, and 186 are major transportation routes that carry the majority of passenger and commercial traffic in and out of Walton County. Congestion in these transportation corridors create traffic problems, primarily as a result of population growth. There are no interstate or mass transit systems servicing Walton County.

Freight rail lines operated by the Great Walton Railroad and Central of Georgia railroad traverse Walton County.

The Monroe-Walton County Airport has one paved 5,000-foot runway that services charter and private aircraft. There are no commercial flights into or out of Monroe-Walton Airport.

Climate

Walton County, like much of Georgia, enjoys a temperate climate with four well-defined seasons: warm to hot summers; brisk fall temperatures; relatively brief, cool winters; and a warm spring season. As a result, there exists a long growing season in Georgia, perfect for ornamental and economic-boosting agricultural plants.

AVERAGE MONTHLY TEMPERATURES IN GEORGIA (FAHRENHEIT)

Month	Average Georgia Temperature	Average Walton County Temperature
January	46	43
February	49	45
March	56	54
April	63	62
May	70	69
June	77	77
July	80	78
August	79	78
September	74	72
October	64	61
November	56	51
December	48	47

Utilities

Walton County’s utility needs are met by a variety of public and private entities. Electrical power in Walton County is provided by the Walton Electric Membership Cooperative, the City of Monroe, and Georgia Power.



- Electric Membership Corporations
- Georgia Power Co. (GPC)
- Municipal Electric Authority of Georgia (MEAG)

Source: Planters EMC

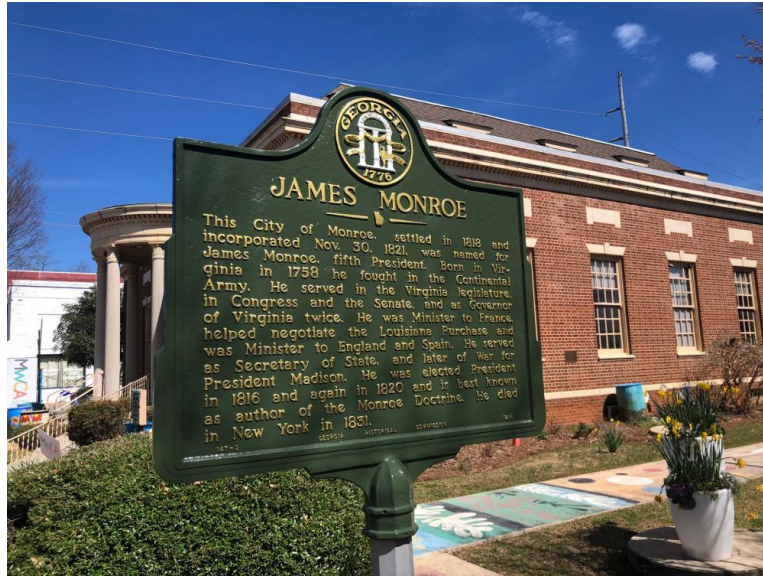
NFIP Compliance

JURISDICTION	PARTICIPATING?	PARTICIPATION DATE
WALTON COUNTY	YES	5/17/1989
MONROE	YES	2/16/1990
LOGANVILLE	YES	7/16/1982
SOCIAL CIRCLE	YES	3/31/2010
BETWEEN	YES	7/1/2010
GOOD HOPE	YES	6/7/1986
JERSEY	NO	-----
WALNUT GROVE	YES	11/15/2010

Note: There are no 100-year floodplain areas located within the Town of Jersey

Municipalities

City of Monroe



In the late 1700's, settlers began relocating to the Cherokee Indian territory of Northeast Georgia. The land was fertile from the Apalachee, Alcovy, and Yellow Rivers and newcomers began to settle into the area and work the land.

Walton County was laid out by the Lottery Act of 1818, was organized in 1819, and named in honor of George Walton, one of the three Georgians who signed the Declaration of Independence. The first court held in Walton County was at Cow Pens, about three miles southeast of the present courthouse, and Judge John M. Dooley from the northern district presided.

Cow Pens is said to have gotten its name from its use at the time by Richard Easley of Athens, GA. Easley owned large herds of cattle and came into possession of lands surrounding the spot where Cow Pens is now located. He sent his herd there to graze, erecting sheds and pens for their protection and later building a log cabin for his herdsman. Since Easley owned several grazing places, when speaking of this particular place, he would call it the "Cow Pens" and so it became commonly known by that name.

Later, the location of a county seat came into question and Walter J. Colquitt, a lawyer, and Dr. Thomas Moody took up their residence at Cow Pens, believing it would be the county seat and the name was consolidated into one word, Cowpens.

At the same time, a doctor by the name of Johnson and a lawyer, whose name is unknown, took up their residence at “Spring Place,” now the City of Monroe. They thought that the county seat would be located there.

Elisha Betts of Virginia offered a gift of land for county buildings, private and public cemeteries, and six acres surrounding “Spring Place,” this being a public gathering place for citizens in the surrounding community. This benefactor also suggested to give the town the name of “Monroe” in honor of James Monroe, fifth president of the United States. His offer was accepted, and Monroe became known as the county seat of Walton County in 1820. The City of Monroe was incorporated in 1821.

Elisha Betts aided the erection of log and frame houses, stores, and a tavern known as “Major Humphries Assembly Room,” which was used for public meetings, dancing, and other forms of amusement. His own two-story log house is said to have stood on the lot at the corner of Broad and Washington Streets.

A fire in 1857 swept the entire downtown area of Broad Street between the streets now known as Spring and Washington. The Courthouse was the only building left standing.

Following the fire, the first brick buildings were erected, many of which are still present in one form or another today. The original City Hall building erected during the late 1800's still stands at the corner of Spring Street and Wayne Street, as does the second City Hall which was built in 1939 on South Broad Street. Many other homes and storefronts from the late 1800's and early 1900's still exist here today.

Monroe became a bustling cotton/textiles mill town during the early half of the 20th century, as well as attracting local industries and building a strong business presence both downtown and from one end of town to the other.

It is known as one of Georgia’s most civil-minded and cultured smaller cities. Monroe also proudly claims the honor of being the “City of Governors,” having furnished seven men to act as Governor of Georgia. Monroe also claims a native son who left Monroe for the West and later became Governor of Texas.

The citizens of Monroe are governed by a mayor and eight councilmembers. The mayor is elected citywide and each councilmember is elected by voters in each of the 8 geographic districts. The City of Monroe provides many services to its citizens. These include administrative, code enforcement, economic development, fire protection, law enforcement, solid waste, public works, water, stormwater, wastewater, natural gas, and electric services. Monroe occupies 10.5 square miles and serves as the county seat for Walton County. Monroe has seen steady population growth since its incorporation in the 1820s.

City of Loganville



The City of Loganville took its name from James Harvie Logan, who moved to the area from Tennessee in 1842 and purchased of 62.5 acres described as Land Lot No. 186 in the Fourth Land District for the sum of \$150.00! Logan was a farmer and shoemaker and built the family home with the help of his son, James Harvie Logan, Jr. During the next several years, as other families settled in the area, the population swelled to about 500 residents. Loganville was first incorporated in 1887 with its original limits extending a half mile in every direction from the well pictured here.

Loganville was the last stop on the Seaboard Airline Railroad from Atlanta to Lawrenceville. Local entrepreneurs capitalized on the rail line and built a depot for the Loganville & Lawrenceville Railroad Company in 1898. The Depression shut the railroad down in 1932.

The years brought both growth and change. Cotton was no longer king after a bout with the boll weevil which swept through the area.

A review carried in the Walton Tribune in 1958 stated:

"old buildings have all been replaced by modern business structures: a new bank building, doctor's building, American Legion, cafés, motel, theatre, cotton warehouse, gins, and many lovely residences. The streets have been paved, waterworks and sewage systems installed, electricity, gas and manufacturing plants built. Nothing adds more to the name of a town than its churches and schools. What more enduring monument could a man desire that his name and

memory be linked with the destiny of a town populated with intelligent, cultured, patriotic and resolute citizens, a majority of whom are united in an endless endeavor to render (Loganville) a highly desirable location for the home-seeker, the manufacturer and the enterprising businessman. Loganville shall continue to grow and expand through the coming years and stand as a monument to the wisdom of the man who selected this place as a site for a town."

The City of Loganville is governed by a mayor and six councilmembers. The City of Loganville provides many services to its citizens. These include administrative, planning and development, fire marshal services, law enforcement, public works, water, sanitation, and wastewater. Loganville occupies 7.4 square miles in northwest Walton County and straddles the Walton-Gwinnett County line. The City of Loganville has seen significant population growth since 1980 and has increased its population nearly 6-fold in that time.

City of Social Circle



When Mr. Joel Strickland of Tattnall County learned that he had drawn Lot Number 96, First District of Walton County, in the 1820 Lottery, he and his wife, Elizabeth talked it over and decided not to keep the property.

Mr. Strickland was soon offered \$118 for the 250 acres, and just five days after Christmas, Joel and Elizabeth signed the warranty deed making three men owners of the tract in southern Walton, on which the town of Social Circle was to evolve. The second co-owner ran in into debt and in 1824 his one-third interest was bought at a sheriff's sale by John P. Blackmon, one of the other original purchasers, for \$11 or approximately thirteen cents an acre. Blackmon was able to buy the remaining one-third share, giving him sole ownership.

John Blackmon brought and sold several tracts in the new county, but he was especially pleased with Lot Number 96. On this property was an excellent spring, near which the important north-south Rogue Road was intersected by the best-known route from the southwestern part of the county, Hightower Trail. Near the latter's ford on the Alcovy was the recently vacated campsite of a band of Creek Indians, whose choice of the location in itself spoke well for the region's fertility and comfort.

Blackmon added his own dwelling to those standing near the crossroads and donated a nearby parcel as site for a Methodist Church. Soon a small storehouse, the meeting house, and a shop gave the little settlement 10 miles south of the county seat the semblance of a village. It was a likely spot for business, for at the junction of the two old routes travelers often paused to rest, friends frequently met, either by design or accident, and newly formed acquaintances were often renewed by the patterns of their travel habits.

Legend says that the settlement received its name when a new traveler, impressed by the exuberant hospitality of a little group of congenial pioneers, remarked enthusiastically, "This sure is a social circle!" This may be true; however, a less colorful explanation should not be ignored. Another community by the name of Social Circle was brought to this section by a former citizen of the older village.

Early in January 1826, Blackmon and Augustine B. Pope stuck a chestnut stake in the ground and measured off an acre to include the shop already standing. Blackmon specified in the sale of the property that Pope "not carry on any business of a public nature only such pertains exclusively to an apothecary (drug) shop." The two men had discussed a site for a post office on the settlement and, on January 5, 1826, government authorization came through. John Blackmon was designated as Social Circle's first postmaster.

In 1832, Social Circle was incorporated. New settlers continued to move in, and, in June 1836, Mr. John Dally opened a grocery store in the city limits. During 1845, the Georgia Railroad reached this community as it advanced westward. The coming of the railroad was probably the most influential event in Social Circle's early history and marked this city as the county's first rail center. A Masonic Lodge was established in 1848 and the first officer was the engineer who had surveyed for the Georgia Railroad.

In 1869 Social Circle was incorporated as a town and limits extended to one-half mile from the center of town in all directions. Town ordinances of 1869 required merchants to close at 10:00 p.m. and any person found on the streets thereafter must give a satisfactory account of himself or spend the night in the guard house. Playing marbles on the Sabbath was prohibited and sale of liquor on election days was illegal. Fines were given out for cock fighting, fastening horses to shade trees or fences and for riding a horse in a "disorderly manner." The head of each household was required to keep a strong ladder long enough to reach the top of the highest building on his lot as a precautionary measure in case of fire, and dwellings on public streets had to be underpinned as to keep out hogs and help abate the flea nuisance.

Social Circle was highly publicized by a Supreme Court case shortly before the turn of the century, when the town became the center of a freight-rate controversy of national importance, where the railroads challenged a finding of the then-relatively new Interstate Commerce Commission. The Court decision in this instance indirectly brought about another challenge of the Commission's powers, with the result that Social Circle's name was widely mentioned and repeated across the country for periods of years.

In 1904, Social Circle surrendered her 1869 charter and was subsequently incorporated as a city. Limits were one mile from the public well at the intersection of Madison, Monroe, Covington, and Gibbs Streets.

Social Circle is governed by a mayor, who is elected at-large, and four city councilmembers who are elected by district. The City of Social Circle provides many services to its citizens. These include fire protection, law enforcement, bus services, water, wastewater, trash and recycling, and natural gas. Social Circle occupies 11.2 square miles near the southern tip of Walton County and borders Newton County to the west. After having a rather steady population from 1920 to 1970, Social Circle has seen steady growth since that time. Over the last 40 years, the population of Social Circle has doubled.

Town of Between



The Town of Between is a uniquely named town in west central Walton County. It has been suggested that the town got its name because it is equidistance between Athens and Atlanta. Other theories suggest that its name was derived by being in between Walton County's two largest cities – Loganville and Monroe. The population of this small town ebbed and flowed from its incorporation in 1908 until the late 1990s. Since that time, Between has seen dramatic population growth, at least percentage wise. From 1990 to today, Between has seen its population increase 300%.

The Town of Between is governed by a Mayor and four council member. All elections are held town-wide and elected officials serve 4-year, staggered terms. The Town of Between mostly provides administrative services and road construction/maintenance services to its citizens. The Walton County Splash Park is currently under construction within the Town limits of Between. The Town of Between occupies less than one square mile.

Town of Walnut Grove



The inviting shade of a group of walnut trees was the site of the little store which marked the beginning of one of Walton's older communities. Situated in the extreme western part of the county, approximately nine miles from Monroe, the location is almost equidistant from each of the communities of Loganville, Social Circle, Covington and Conyers.

Legend says that Thomas Evans, who set up shop there long ago, referred to the crossroads spot as "the walnut grove." Consequently, this was the appellation used when a post office was established.

Walnut Grove is situated on 1.5 square miles and was incorporated in 1905 by the Georgia General Assembly. The town has seen significant growth over the last 25 years and has seen its population increase 4-fold since 1990.

The Town of Walnut Grove is governed by a mayor and three councilmembers. Walnut Grove provides a few services to its citizens, including administrative, public works, code enforcement, and sanitation.

Town of Good Hope



The Town of Good Hope sits on 1.8 square miles of land in west central Walton County. It was incorporated by the Georgia General Assembly in 1905. Its name is derived from the first settlers having “good hope” their town would grow to become prosperous. Good Hope has seen its population ebb and flow between 150 and 300 since its incorporation.

Good Hope is governed by a mayor and five council members. The Town mostly provides administrative services, such as planning and zoning, to its citizens.

Town of Jersey



The Town of Jersey occupies 0.8 square miles in southwest Walton County. The town was incorporated in 1905 by the Georgia General Assembly. Jersey has had a steady population between 130 and 200 since its founding. The Town is home to Buckeyes Restaurant.

Jersey is governed by a mayor and four councilmembers. All elections are city-wide. The mayor and councilmembers serve four year terms that all expire during the same election cycle. The Town of Jersey provides administrative, fire protection, street construction and maintenance, code enforcement, planning and zoning, utility service, and water services to its citizens.

CHAPTER THREE
–
HAZARD PROFILES

Summary of Updates for Chapter Three

The following table provides a description of each section of this chapter, and a summary of the changes that have been made to the Walton County Hazard Mitigation Plan 2015.

Chapter 3 Section	Updates
Risk Assessment	<ul style="list-style-type: none"> • Expanded the explanation of the Risk Assessment • Added an explanation of each part of the Hazard Information
Natural Hazard Thunderstorms	<ul style="list-style-type: none"> • Content Revised • Data Updated
Natural Hazard Winter Storms	<ul style="list-style-type: none"> • Content Revised • Data Updated
Natural Hazard Flooding	<ul style="list-style-type: none"> • Incorporated 2019 HAZUS Report Information • Content Revised • Data Updated
Natural Hazard Tornado	<ul style="list-style-type: none"> • Incorporated 2019 HAZUS Report Information • Content Revised • Data Updated
Natural Hazard Drought	<ul style="list-style-type: none"> • Content Revised • Data Updated
Natural Hazard Wildfire	<ul style="list-style-type: none"> • Content Revised • Data Updated
Natural Hazard Earthquake	<ul style="list-style-type: none"> • Content Revised • Data Updated
Natural Hazard Tropical Cyclone	<ul style="list-style-type: none"> • New Section – Not in 2015 Plan
Natural Hazard Extreme Temperatures	<ul style="list-style-type: none"> • New Section – Not in 2015 Plan

Technological Hazard Hazardous Materials	<ul style="list-style-type: none">• Content Revised• Incorporated Groundwater Contamination Section• Data Updated
Technological Hazard Dam Failure	<ul style="list-style-type: none">• Content Revised• Data Updated
Technological Hazard Transportation	<ul style="list-style-type: none">• Content Revised• Data Updated
Technological Hazard Terrorism	<ul style="list-style-type: none">• Content Revised• Incorporated Civil Disturbance Section
Technological Hazard Infrastructure Failure	<ul style="list-style-type: none">• New Section – Not In 2015 Plan• Incorporated Communications Failure Section from 2015 Plan
Technological Hazard Emerging Infectious Disease	<ul style="list-style-type: none">• New Section – Not In 2015 Plan

Risk Assessment

Requirement §201.6(c)(2)(i and ii)

Requirement §201.6(d)(3)

The Walton County Hazard Mitigation Planning Committee conducted a comprehensive Threat and Hazard Identification and Risk Assessment (THIRA) for Walton County and all municipalities. This assessment developed the hazard basis for this plan. The assessment includes the following components for each hazard:

1. *Hazard Identification*: The Walton County Hazard Mitigation Planning Committee identified nine natural hazards and six technological hazards for this Hazard Mitigation Plan. This is an increase of two natural hazards and one technological hazard from the previous iteration of the plan. Each hazard was identified using statistical data and records from a variety of sources. The list of hazards is based upon frequency, severity of impact, probability, potential losses, and vulnerability.
2. *Hazard Description*: Each hazard was described in detail. Many hazard descriptions came from the Georgia Hazard Mitigation Plan since many of the hazards that could impact the state could also potentially impact Walton County.
3. *Profile of Hazards*: Each hazard was profiled as to how it could potentially impact Walton County.
4. *Assets Exposed to the Hazard*: The plan considers critical facilities and infrastructure as part of the vulnerability assessment. This assessment determines the vulnerability of the municipalities and attempts to identify the populations most vulnerable to each hazard, although many have potential countywide impacts.
5. *Estimated Potential Losses*: Using critical facility and past history data, an estimation of potential losses due to a particular hazard event were determined.
6. *Land Use and Development Trends*: Land use trends were considered when determining the potential future impacts of each hazard. This is of particular importance regarding flooding and dam failure events.
7. *Multi-Jurisdictional Concerns*: Each jurisdiction was considered when determining the potential hazard impact.

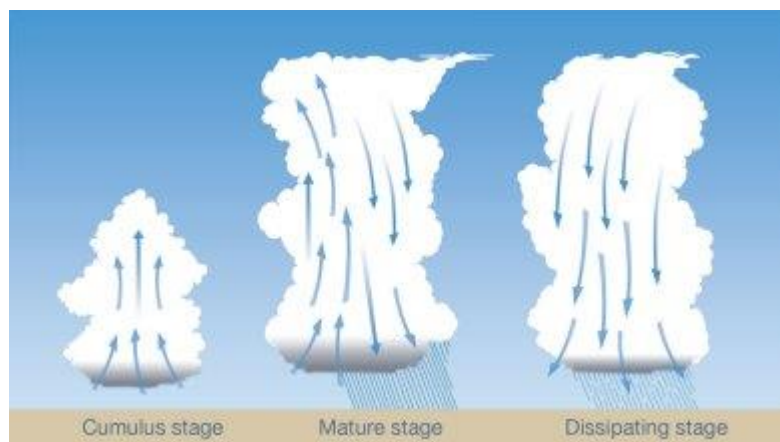
Natural Hazard: Severe Thunderstorm

Hazard Description

This section provides general and historical information about thunderstorms, including high wind, lightning, and hail. Other elements of thunderstorms, such as tornadoes and flooding, are addressed in their own sections.

Thunderstorms are formed when moist air near the earth's surface is forced upward through some catalyst (convection or frontal system). As the moist air rises, the air condenses to form clouds. Because condensation is a warming process, the cloud continues to expand upward. When the initial updraft is halted by the upper troposphere, both the anvil shape and a downdraft form. This system of up-drafting and down-drafting air columns is termed a "cell."

As the process of updrafts and downdrafts feeds the cell, the interior particulates of the cloud collide and combine to form rain and hail, which falls when the formations are heavy enough to push through the updraft. The collision of water and ice particles within the cloud creates a large electrical field that must discharge to reduce charge separation. This discharge is the lightning that occurs from cloud to ground or cloud to cloud in the thunderstorm cell. In the final stage of development, the updraft weakens as the downdraft-driven precipitation continues until the cell dies.



Each thunderstorm cell can extend several miles across its base and to reach 40,000 feet in altitude. Thunderstorm cells may compound and move abreast to form a squall line of cells, extending farther than any individual cell's potential.

In terms of temporal characteristics, thunderstorms exhibit no true seasonality in that occurrences happen throughout the year. Convectively, driven systems dominate the summer while frontal driven systems dominate during the other seasons. The rate of onset is rapid in that a single cell endures only 20 minutes.

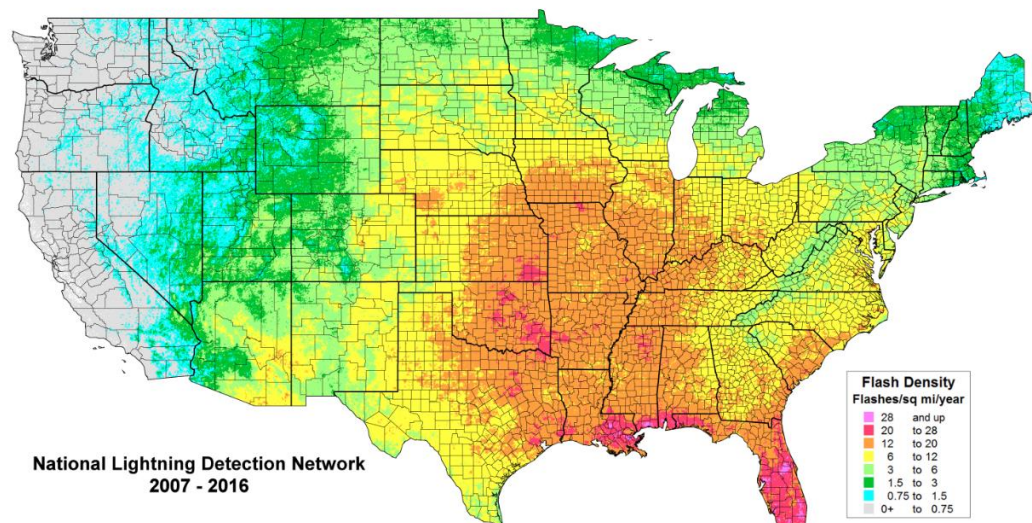
Natural Hazard: Severe Thunderstorm

However, various cells in different stages of development may form a thunderstorm that lasts up to a few hours as it moves across the surface.

In terms of magnitude, the National Weather Service defines thunderstorms in terms of severity as a severe thunderstorm that produces winds greater than 57 mph and/or hail of at least 1 inch in diameter and/or a tornado. The National Weather Service chose these measures of severity as parameters more capable of producing considerable damage. Therefore, these are measures of magnitude that may project intensity.

Lightning

Lightning occurs when the difference between the positive and negative charges of the upper layers of the cloud and the earth's surface becomes great enough to overcome the resistance of the insulating air. The current flows along the forced conductive path to the surface (in cloud to ground lightning) and reaches up to 100 million volts of electrical potential. In Georgia, lightning strikes peak in July, with June and August being second highest in occurrence.



Hail

Hail is a form of precipitation that forms during the updraft and downdraft-driven turbulence within the cloud. The hailstones are formed by layers of accumulated ice (with more layers creating larger hailstones) that can range from the size of a pea to the size of a grapefruit. Hailstones span a variety of shapes but usually take a spherical form. Hailstorms mostly endanger cars but have been known to damage aircraft and structures.

Natural Hazard: Severe Thunderstorm

Hailstone size	Measurement		Updraft Speed	
	in.	cm.	mph	km/h
bb	< 1/4	< 0.64	< 24	< 39
pea	1/4	0.64	24	39
marble	1/2	1.3	35	56
dime	7/10	1.8	38	61
penny	3/4	1.9	40	64
nickel	7/8	2.2	46	74
quarter	1	2.5	49	79
half dollar	1 1/4	3.2	54	87
walnut	1 1/2	3.8	60	97
golf ball	1 3/4	4.4	64	103
hen egg	2	5.1	69	111
tennis ball	2 1/2	6.4	77	124
baseball	2 3/4	7.0	81	130
tea cup	3	7.6	84	135
grapefruit	4	10.1	98	158
softball	4 1/2	11.4	103	166

Hazard Profile

Severe thunderstorms, including high winds, hail and lightning, are a serious threat to the residents and infrastructure of Walton County. Severe thunderstorms are one of the most frequently occurring natural hazards in Walton County. Many of these storms include high winds, lightning, and hail. Hail up to 3 inches was recorded in Walton County on several occasions, most recently in 2009. Thunderstorm winds of 115 mph have been reported in Walton County, most recently in 1993. While there have been dozens of documented thunderstorm events affecting Walton County over the last 50 years, it is likely that the official number is a low estimate due to poor record keeping in decades past. For example, only 28 thunderstorms events were recorded between 1970 and 1990, likely a vast underestimation of actual events.

Most of the available information relating to severe thunderstorm events in Walton County fails to describe damage estimates in any detail. With each thunderstorm event, there are likely unreported costs related to infrastructure costs, public safety response costs, utility repair costs, and personal home and business repair costs.

Natural Hazard: Severe Thunderstorm

Thunderstorms have occurred during all parts of the day and night and in every month in Walton County.

The Walton County Hazard Mitigation Plan Update Committee utilized data from the National Climatic Data Center, the National Weather Service, numerous weather-related news articles, and the Walton County LEOP in researching severe thunderstorms and their potential impacts on the county. All information has been gathered on a countywide basis. All thunderstorm hazard data included for Walton County is limited to countywide data and is not broken down by jurisdiction.

During the last 50 years, 159 thunderstorm events were recorded in Walton County, with 131 of those occurring in the last 30 years. This number includes 62 hail events and only 8 lightning reports. According to these records, Walton County has a 1.2% chance daily of a thunderstorm event based upon data from the last 30 years. Over the last 10 years, Walton County has averaged 4.1 thunderstorm events per year (41 events). Due to improved record keeping protocols, the Walton County Hazard Mitigation Plan Update Committee believes the data from the last ten years provides a more accurate representation of the thunderstorm threat to the county. The Walton County Hazard Mitigation Plan Update Committee has also determined that the lightning threat is severely under-reported, as shown in the NCDC data numbers. For additional historical data, please see Appendix D.

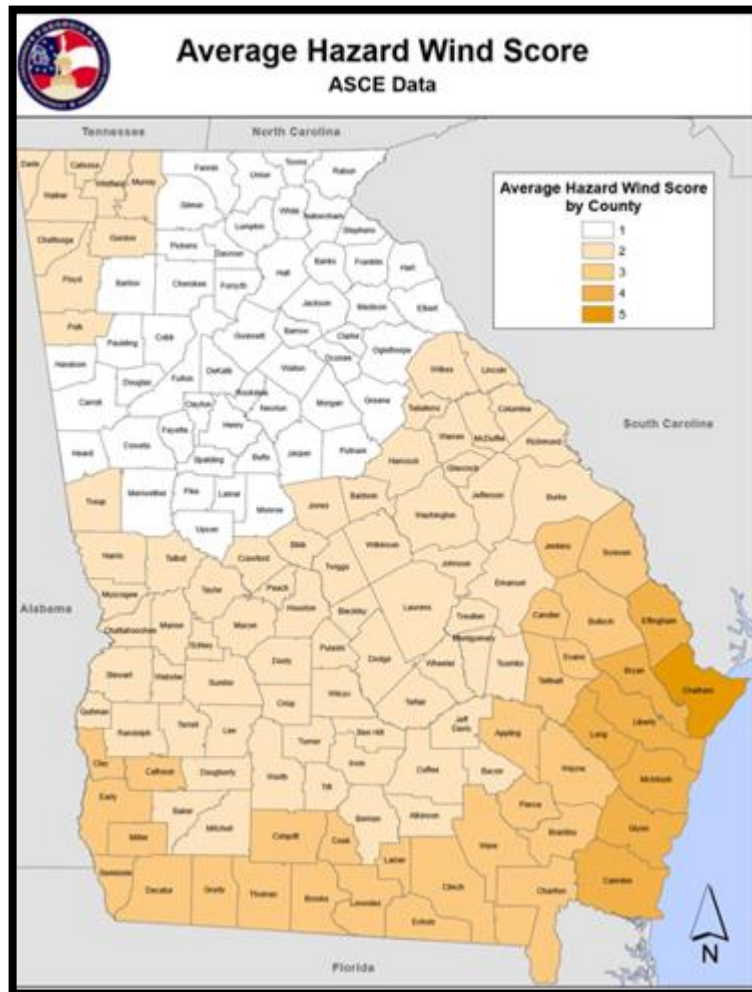
The City of Monroe suffered a significant Thunderstorm wind event in February of 1993. This event had reported winds of 115 mph, destroyed 6 homes and 18 businesses, and caused major damage to an additional 154 homes and 21 business as well as several municipal buildings and the county jail in Monroe. Overall, 253 structures suffered damage as a result of this event. The City of Monroe suffered approximately \$50 million in damages from this event.

As indicated by the below graphics, Walton County averages between 6 and 12 flashes of cloud to ground lightning per square mile per year. That equals a 1.6% to 3.3% chance of a cloud-to-ground lightning strike on any given day. This shows a much higher indication of lightning occurrences than has been reported to the National Weather Service and the National Climatic Data Center. It is the determination of the Walton County Hazard Mitigation Plan Update Committee that this data shows a more accurate representation of the scope of the threat that lightning poses to the citizens and infrastructure of Walton County.

Natural Hazard: Severe Thunderstorm

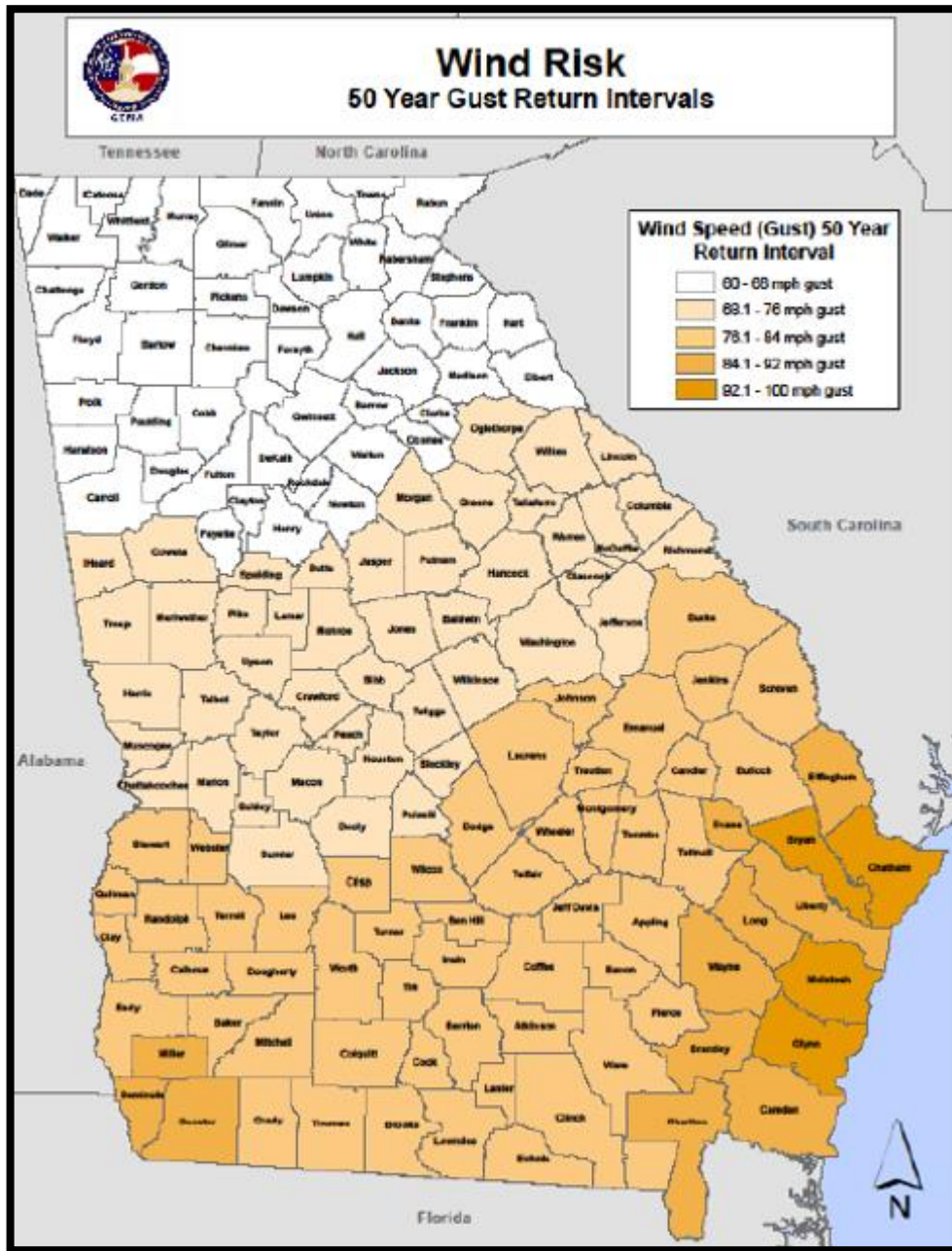
Severe thunderstorm winds, which are defined as winds of at least 58 mph in conjunction with a convective event, have occurred with many thunderstorms that have affected Walton County. These winds can exceed 100 mph and cause damage comparable to weak tornadoes. Below are two maps that identify the wind risk and the hazard wind score for the State of Georgia, including Walton County. The Hazard Wind Score maps use the following scale:

Hazard Score	Wind Speeds
1	<90 mph gust
2	91 – 100 mph gust
3	101 – 110 mph gust
4	111 – 120 mph gust
5	>120 mph gust



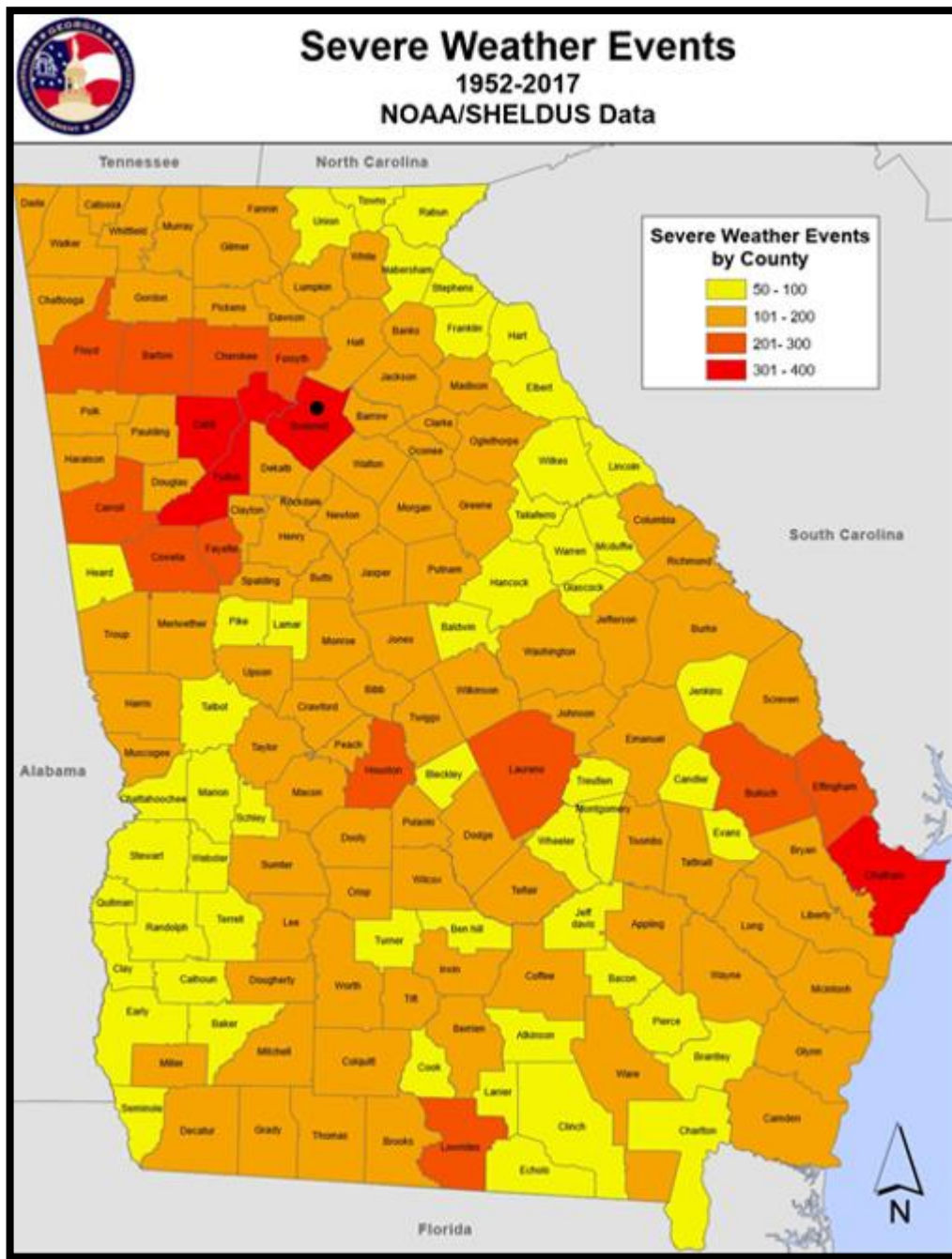
Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: Severe Thunderstorm



Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: Severe Thunderstorm



Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: Severe Thunderstorm

Assets Exposed to the Hazard

In evaluating assets that are susceptible to severe thunderstorms, the Walton County HMPC determined that all public and private property is at threat by severe thunderstorms, including all critical facilities. This is due to the lack of spatially prejudice of severe thunderstorm events.

Thunderstorms by Jurisdiction

Jurisdiction	# of Thunderstorms	Annual Risk
Between	6	24%
Good Hope	4	16%
Jersey	6	24%
Loganville	28	100%
Monroe	35	100%
Social Circle	13	52%
Walnut Grove	15	60%
Unincorporated Walton County	25	100%

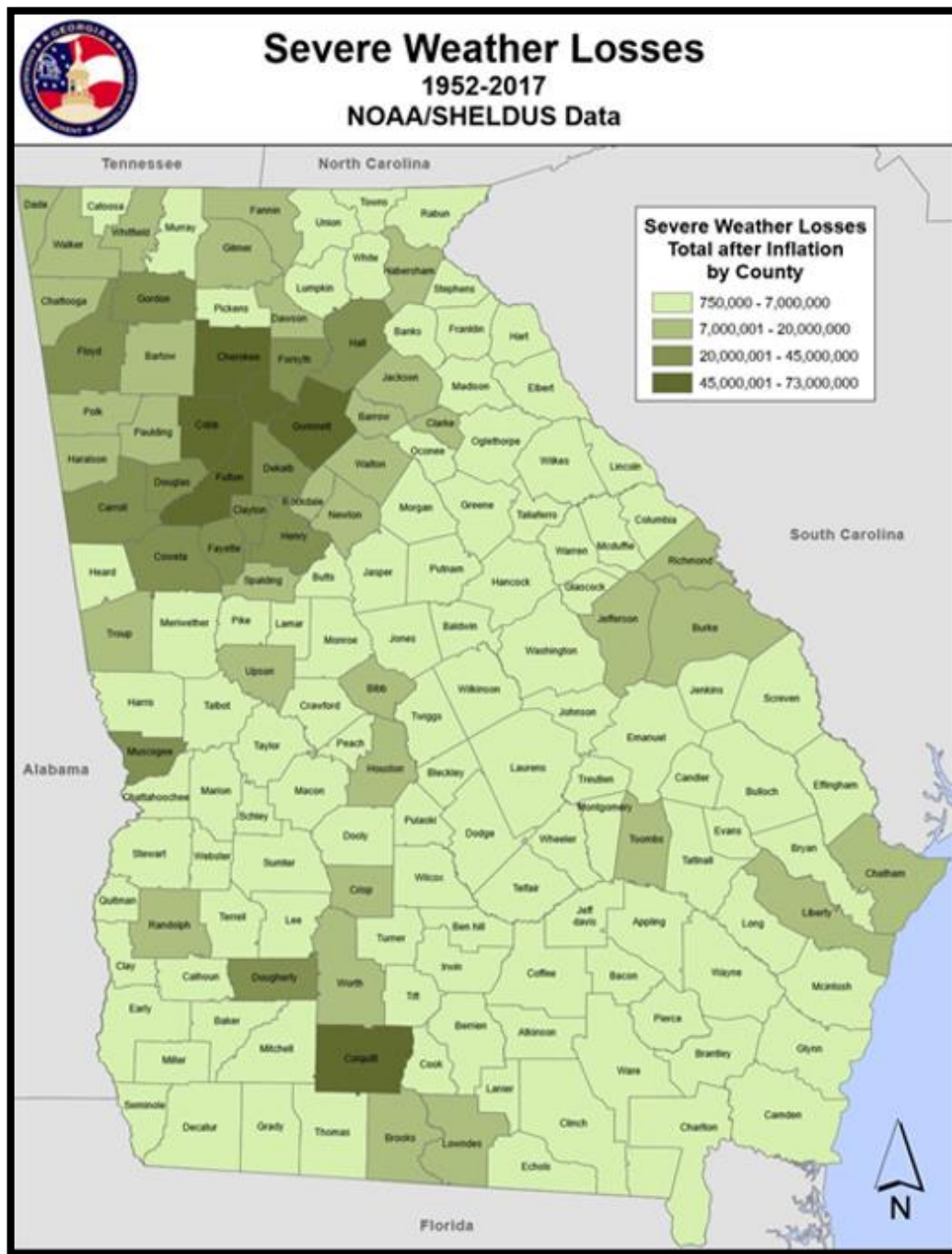
Source: National Climactic Data Center (NCDC)

Note: Data is for the last 25 years

Estimated Potential Losses

Estimates of damage for the past events of the last 50 years are over \$56 million, or \$1,129,300 annually. When only the last 30 years are considered, annual estimated damage increases significantly to \$1,882,167. These numbers are thought to be a gross underestimation of actual past damages.

Natural Hazard: Severe Thunderstorm



Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: Severe Thunderstorm*Land Use & Development Trends*

Walton County currently has no land use trends related to Thunderstorms beyond continued population growth – particularly in and around the Cities of Loganville and Monroe and in areas of northwest Walton County near the Gwinnett County line.

Multi-Jurisdictional Considerations

Thunderstorm events have occurred across all areas of Walton County. Crop damage from thunderstorm events would likely have the greatest impact in the rural areas of Walton County. However, property damage numbers would be highest in more heavily populated areas due to greater population density. This is especially true for areas in and around the Cities of Loganville and Monroe and in areas of northwest Walton County near the Gwinnett County line. Additionally, Walton County's tourism industry could be significantly impacted by thunderstorm events and any widespread damage associated with those events. Thunderstorms have the potential to impact all areas of Walton County.

Hazard Summary

Thunderstorm events pose one of the greatest threats of property damage, injuries, and loss of life in Walton County. Thunderstorm events are the most frequently occurring weather event that threatens Walton County. As a result, the Walton County HMPC recommends that the mitigation measures identified in this plan for thunderstorms should be aggressively pursued due to the frequency of this hazard and the ability for this hazard to affect any part of Walton County.

Natural Hazard: **Severe Thunderstorm**Severe Thunderstorm Events in Walton County Since 2015

<u>Location</u>	<u>Date</u>	<u>Time</u>	<u>Type</u>	<u>Mag</u>	<u>Dth</u>	<u>Inj</u>	<u>PrD</u>	<u>CrD</u>
Totals:					0	0	177.00K	0.00K
MONROE	07/05/2016	14:00	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
JERSEY	07/11/2016	17:55	Thunderstorm Wind	50 kts. EG	0	0	6.00K	0.00K
BOLD SPGS	07/18/2016	15:46	Thunderstorm Wind	50 kts. EG	0	0	2.00K	0.00K
MONROE	07/21/2016	17:15	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
SOCIAL CIRCLE	04/05/2017	23:00	Thunderstorm Wind	50 kts. EG	0	0	15.00K	0.00K
BETWEEN	06/15/2017	17:24	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
LOGANVILLE	06/15/2017	18:24	Thunderstorm Wind	45 kts. EG	0	0	1.00K	0.00K
SOCIAL CIRCLE	07/26/2017	17:08	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
SOCIAL CIRCLE	06/25/2018	14:26	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
CAMPTON	07/21/2018	06:05	Thunderstorm Wind	55 kts. EG	0	0	50.00K	0.00K
WALKER PARK	08/07/2018	13:30	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
JERSEY	09/27/2018	16:02	Thunderstorm Wind	50 kts. EG	0	0	20.00K	0.00K
SOCIAL CIRCLE	02/12/2019	14:30	Thunderstorm Wind	45 kts. EG	0	0	1.00K	0.00K
BETWEEN	04/14/2019	11:38	Thunderstorm Wind	50 kts. EG	0	0	30.00K	0.00K
YOUTH	04/19/2019	06:00	Thunderstorm Wind	50 kts. EG	0	0	8.00K	0.00K
JERSEY	04/19/2019	07:44	Thunderstorm Wind	50 kts. EG	0	0	6.00K	0.00K
WALNUT GROVE	06/23/2019	15:33	Thunderstorm Wind	50 kts. EG	0	0	10.00K	0.00K
BRADLEY	09/13/2019	20:02	Thunderstorm Wind	50 kts. EG	0	0	4.00K	0.00K

Natural Hazard: Winter Storm*Hazard Description*

Severe winter storms bring the threat of ice and snow. There are many types of frozen precipitation that could create a severe winter weather event. Freezing rain consists of super cooled falling liquid precipitation freezing on contact with the surface when temperatures are below freezing. This results in an ice glazing on exposed surfaces including buildings, roads, and power lines. Sleet is easily discernable from freezing rain in that the precipitation freezes before hitting the surface. Often this sleet bounces when hitting a surface and does not adhere to the surface. However, sleet can compound into sufficient depths to pose some threat to motorists and pedestrians.

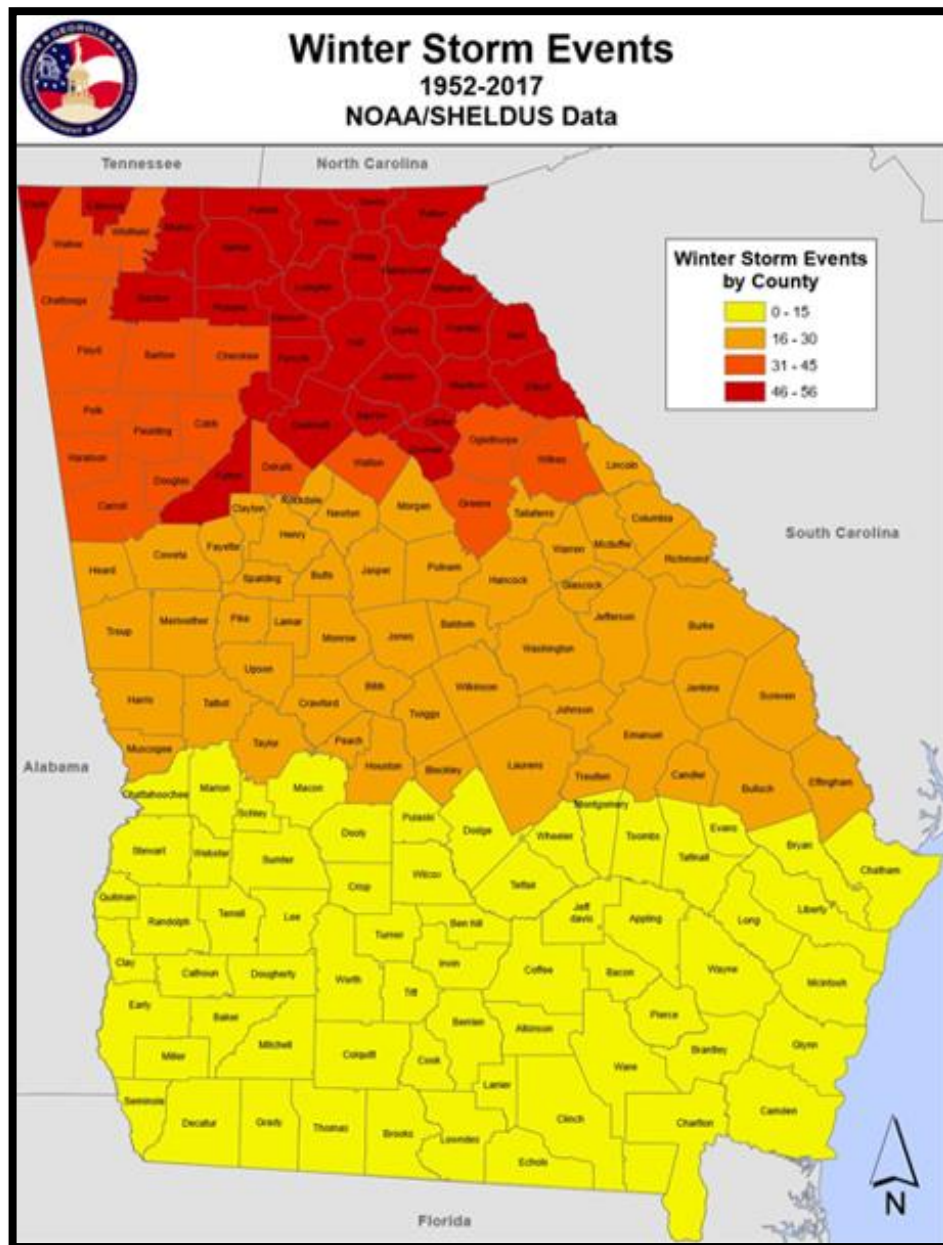
A heavy accumulation of ice, which is often accompanied by high winds, can devastate infrastructure and vegetation. Destructiveness in the southern states is often amplified due to the lack of preparedness and response measures. Also, the infrastructure was not designed to withstand certain severe weather conditions such as weight build-up from snow and ice. Often, sidewalks and streets become extremely dangerous to pedestrians and motorists. Primary industries, such as farming and fishing, suffer losses through winter seasons that produce extreme temperatures and precipitation.

Severe winter weather exhibits seasonal qualities in that most occur within the months of January to March, with the highest probability of occurrence in February. The rate of onset and duration varies from storm to storm, depending on the weather system driving the storm. Severe winter weather rarely frequents the State of Georgia. However, the impacts of the storms substantiate severe winter weather's inclusion in the risk assessment.

Hazard Profile

While winter storms are not as frequent of an occurrence in Walton County as they are in areas in the Northern US, they still have the potential to wreak havoc on the community when they do occur. Winter storms in Walton County typically cause drastic damage to infrastructure, such as roads, power lines, and bridges. They also can cause damage to private property, businesses, and trees throughout the county. The large number of trees in Walton County can also become a hazard when the tree limbs become weighed down with snow and ice and begin to break and fall to the ground, potentially damaging private property, public property, or injuring people and animals.

Natural Hazard: **Winter Storm**

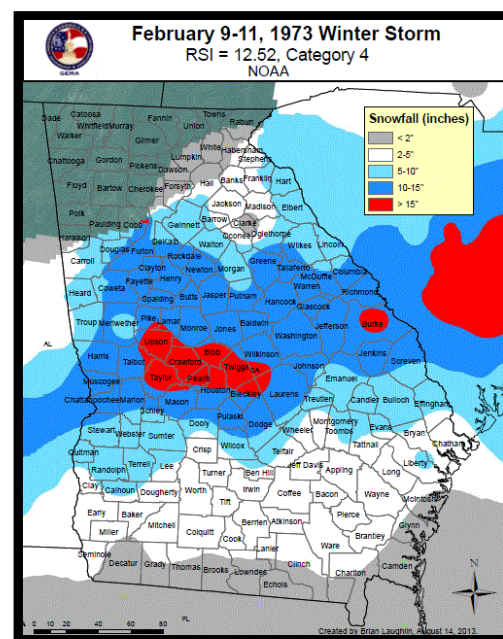
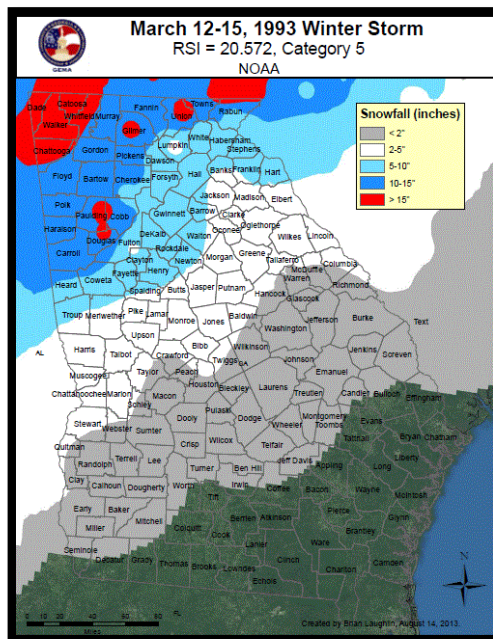


Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: Winter Storm

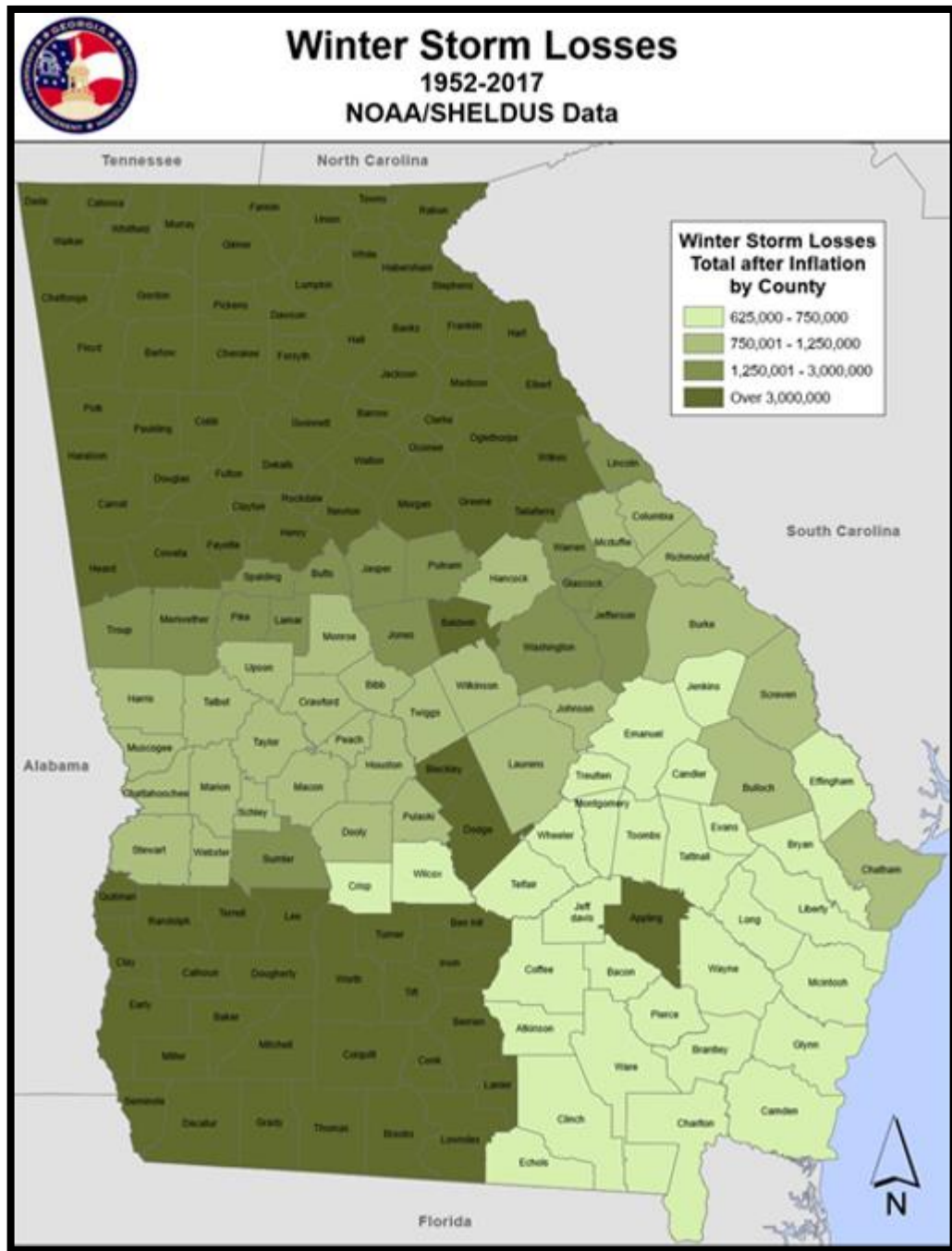
During the past 25 years, documentation exists for 22 winter storm events in Walton County. No comprehensive data can be located prior to this timeframe. On average, Walton County averages a winter storm every 1.1 years. This equates to an 88% chance of a winter storm occurring in any given year in Walton County. Due to improved record keeping techniques, the HMPC believes that looking at the record for the last 25-year period provides a more accurate representation of the threat of winter storms for Walton County. All winter storm data has been gathered on a countywide basis. For additional historical data, please see Appendix D. All winter storm hazard data included for Walton County is limited to countywide data and is not broken down by jurisdiction.

Individual events of Winter Weather can be drastically different depending on many factors, including the duration of the event, the type of precipitation involved, and the depth of the precipitation. Winter Storm events can be a light dusting of snow, ¼ inch of ice, or over a foot of snow. Other factors, such as wind, can influence the strength of these events. In the 1973 and 1993 Winter Storm events, snow accumulations in excess of 10 inches were reported in areas of Walton County with almost all areas receiving over 5 inches of snow.



Source: 2014 State of Georgia Hazard Mitigation Strategy (most up-to-date version)

Natural Hazard: Winter Storm



Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: **Winter Storm**

Assets Exposed to the Hazard

Since winter storms are indiscriminate regarding location, the Walton County HMPC determined that all public and private property, including all critical infrastructure, are susceptible to impacts from winter storms.

Estimated Potential Losses

Total estimated losses for winter storm events of the last 50 years indicate a total of over \$1.1 million in losses. Extrapolated over 50 years, this averages out to \$23,880 per year. However, all the documented winter storms with loss information have occurred over the last 20 years. As such, the average loss per year for the last 20 years is \$59,700 per year. It is estimated that these numbers are a gross underestimation of the impact of past winter storms and caution is expressed when using these figures to make loss determinations for winter storms in Walton County.

Land Use & Development Trends

Walton County currently has no land use trends related to Winter Storms beyond continued population growth – particularly around the Cities of Loganville and Monroe and in areas in northwest Walton County near the Gwinnett County line. The large forested areas within Walton County increase the likelihood of major travel impacts as a result of winter storm events.

Multi-Jurisdictional Considerations

All portions of Walton County could potentially be impacted by a winter storm, including freezing rain, sleet, and snow. Therefore, all mitigation actions identified regarding winter storms should be pursued on a countywide basis and including all municipalities.

Hazard Summary

Winter storms, which can include freezing rain, sleet, or snow, typically afford communities some advance warning, which is different from many other severe weather phenomena. The National Weather Service issues winter storm watches, advisories, and warnings as much as a day before the storm's impacts begin. Unfortunately, communities in the Southern United States are oftentimes not equipped to handle winter storms due to their relative infrequent nature. Walton County HMPC recognizes the potential threats winter storms could have on the community and have identified specific mitigation actions as a result.

Natural Hazard: **Winter Storm***Winter Storm Events since 2015 in Walton County*

<u>Location</u>	<u>Date</u>	<u>Time</u>	<u>T.Z.</u>	<u>Type</u>	<u>Mag</u>	<u>Dth</u>	<u>Inj</u>	<u>PrD</u>	<u>CrD</u>
Totals:						0	0	0.00K	0.00K
WALTON (ZONE)	12/09/2017	02:00	EST-5	Winter Weather		0	0	0.00K	0.00K
WALTON (ZONE)	01/16/2018	20:00	EST-5	Winter Weather		0	0	0.00K	0.00K

Natural Hazard: Flooding

Requirement §201.6(c)(2)(ii)

Requirement §201.6(c)(3)(ii)

Hazard Description

Flooding is a temporary overflow of water on normally dry lands adjacent to the source of water, such as a river, stream, or lake. The causes of flooding include mass sources of precipitation, such as tropical cyclones, frontal systems, and isolated thunderstorms combined with other environmental variables, such as changes to the physical environment, topography, ground saturation, soil types, basin size, drainage patterns, and vegetative cover. Adverse impacts may include structural damages, temporary backwater effects in sewers and drainage systems, death of livestock, agricultural crop loss, loss of egress and access to critical facilities due to roads being washed-out or over-topped and unsanitary conditions by deposition of materials during recession of the floodwaters.

Floods are loosely classified as either coastal or riverine. Coastal flooding occurs when normally dry, low-lying land is flooded by sea water. Coastal flooding is usually associated with tropical cyclones in Georgia. Riverine flooding occurs from inland water bodies such as streams and rivers. Riverine flooding is often classified based on rate of onset. The first is slow to build, peak, and recede, often allowing sufficient time for evacuations. The other type of riverine flood is referred to as a “flash” flood, which rapidly peaks and recedes, thus giving insufficient time for evacuations. Flash floods are typically considered the most dangerous.

On a broad scale, flooding can occur around any body of water or low-lying surface given enough precipitation or snowmelt. The spatial extent of the flooding event depends on the amount of water overflow but can usually be mapped because of existing floodplains (areas already prone to flooding).

Flooding in Georgia is highly dependent on precipitation amounts and is highly variable. Certain seasons are more prone to flooding to a greater likelihood of excessive precipitation. Typically, the wet seasons are during the winter, early spring, and midsummer. Late spring and fall are usually drier seasons.

Hazard Profile

The Walton County HMPC researched flooding information for the last fifty years. The main sources of information used by the Walton County HMPC came from the National Climatic Data Center, the Walton County Emergency Operations Plan, and news media sources. It was determined that flooding has caused significant damage on many occasions over the last 20 years. One significant flooding event that affected Walton County occurred in 2009. This event was the result of up to 8 inches of rain in Walton County.

Natural Hazard: Flooding

During this event, the Alcovy River reached moderate flood levels and washed out at least one road. While data was collected for the entire 50-year timeframe, little information was available regarding flood events over that period, possibly due to poor record keeping. All flood data was gathered on a countywide basis.

Flood events within Walton County are typically associated with areas of special flood hazard as identified on Flood Rate Insurance Maps (FIRMs) published by FEMA. Relatively little information is available regarding flooding damage estimates. However, with each flooding event, it is likely that significant costs arose related to road repair, infrastructure repair, and public safety response operations. Most of the flood damage in Walton County's history appears to be related to roads and culverts washing out as a result of flood waters. All flooding hazard data included for Walton County is limited to countywide data and is not broken down by jurisdiction.

The Brushy Fork Creek gauge near Loganville provides adequate data to show how a flood near that area would impact the jurisdiction. When Brushy Fork Creek reached 9 feet, flood stage begins with the flooding of woodlands and fields downstream from the gauge. At 11 feet, moderate flood stage is reached and outbuildings downstream from the creek begin to be inundated with water. At this point, water will reach the bottom of the bridge on Beaver Road. At 13 feet, outbuildings downstream will be inundated with 2 feet of water and the creek will begin to top the bridge at Beaver Road. At 16 feet, Major flood level is reached, and Brushy Fork Creek will overtop Beaver Road by 3 feet. Outbuildings downstream from the gauge will be under 5 feet of water.

For the City of Social Circle, direct flooding impacts would be relatively minor. The most significant potential flooding would likely occur near the Little River tributary along Dove Way and Dove Lane where 3-4 houses would be inundated with up to 6 inches of water.

For the Town of Good Hope, the most significant impact would be the flooding of surrounding access points. In a 100-year flood event, Good Hope would only be accessible on Highway 186 from the northeast. All other access points would be blocked. Homes on Pleasant Valley Road would likely face the greatest direct threat from a flood event. One home near Jack's Creek Tributary could be inundate with up to 2 feet of water.

The Town of Between would potentially be cut off from the rest of Walton County during a 100-year flood event as Highway 78 would become blocked to the northwest and southeast. Direct impacts for residents in the Town of Between

Natural Hazard: Flooding

would likely be limited to crawl spaces and basements potentially seeing 2-3 inches of water on New Hope Church Road.

The Town of Walnut Grove would potentially have a few homes directly impacted by a 100-year flood event. Homes on Cambridge Drive, Emerald Drive, and Greenhill Way could be inundated with 2-3 inches of water, which would mostly impact non-living spaces such as garages and basements.

The City of Loganville could see significant direct impacts from a flood event, although most of the damage would likely be in the Gwinnett County side of the city. For the Walton County side of Loganville, impacts would likely include homes on Bay Creek Falls and Bay Creek Lodge being impacted by up to 6 inches of water. Additionally, Homes on Ivy Creek Drive, Doe Lane, and Tucker Lane could all be impacted by 2-3 inches of water, although most of these impacts would be in non-living areas of the homes such as garages and basements.

The City of Monroe is the Walton County municipality most susceptible to direct flooding impacts. In a 100-year flood event, water levels from Mountain Creek would likely reach 2-3 feet deep on West Springs Street near Mountain View Drive and several businesses would be inundated with up to 2 feet of water. Additionally, many homes in the area of Grubby Creek and the Grubby Creek Tributary (Ash Lane, West Creek Circle, Kendall Court, Mill Stone Bluff, Store House Court, Old Mill Point and Wheel House Lane) would be inundated with up to 1 foot of water.

There is no 100-year floodplain area in the Town of Jersey. Flood events are limited to heavy rain events with local ponding of water in low-lying areas that have little to no impact on the community.

There are 10 documented flood events over the last 50 years. Based on the 50-year record, it can be inferred that such an event is likely to occur every 5 years in Walton County. This relates to a 20% chance of a flood event occurring in a given year. However, all flooding events have occurred over the last 20 years. This would increase the documented likelihood of a flooding event to 50%.

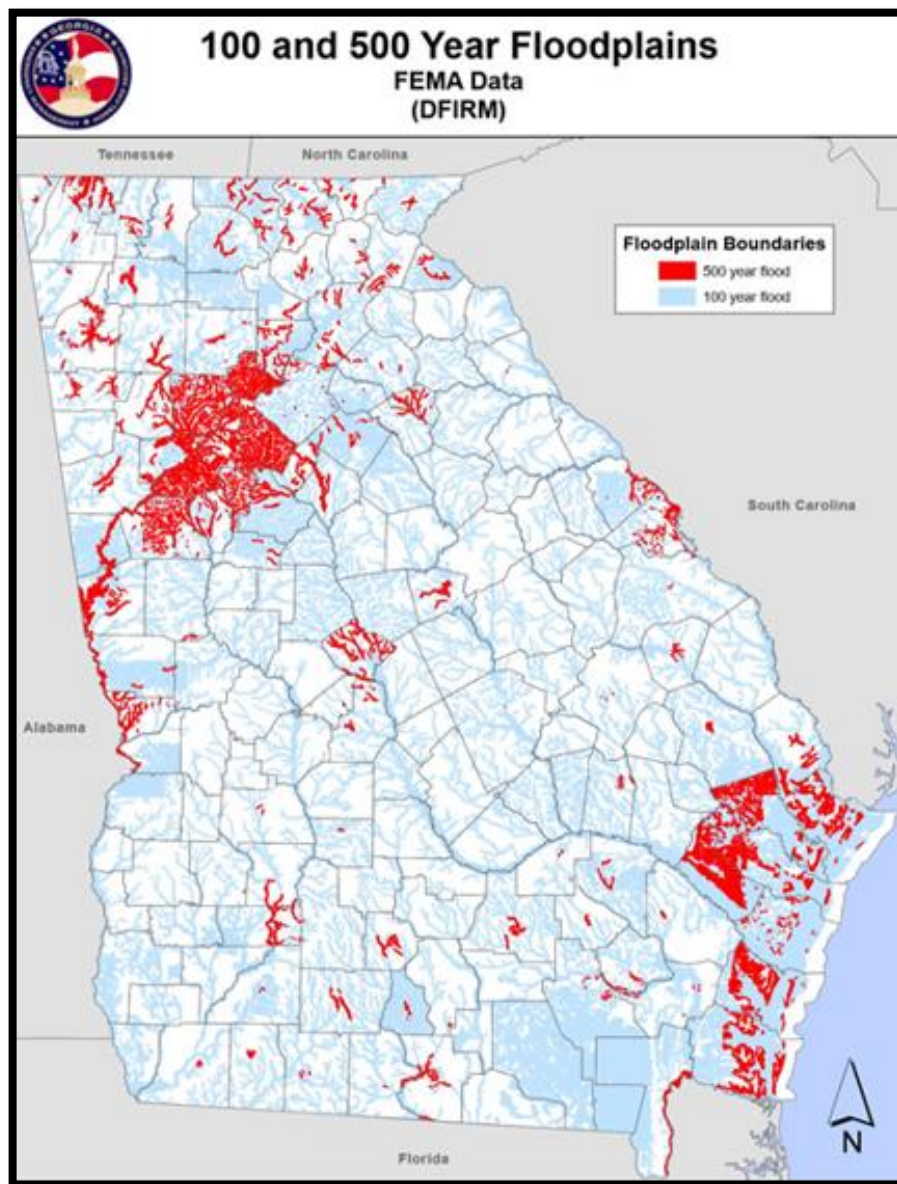
Walton County's unincorporated areas, particularly those along the Alcovy River in central Walton County and Apalachee River in eastern Walton County, are most at risk for riverine flood events. The municipality most at risk for these types of flood events is the City of Monroe due to the proximity of the Alcovy River and Mountain Creek to the western areas of Monroe. For the municipalities of Loganville, Social Circle, Jersey, Between, Good Hope, and Walnut Grove, flash flooding events caused by significant rainfall occurring in a short period of time is the most likely source of direct flood impacts in these jurisdictions.

Natural Hazard: **Flooding**

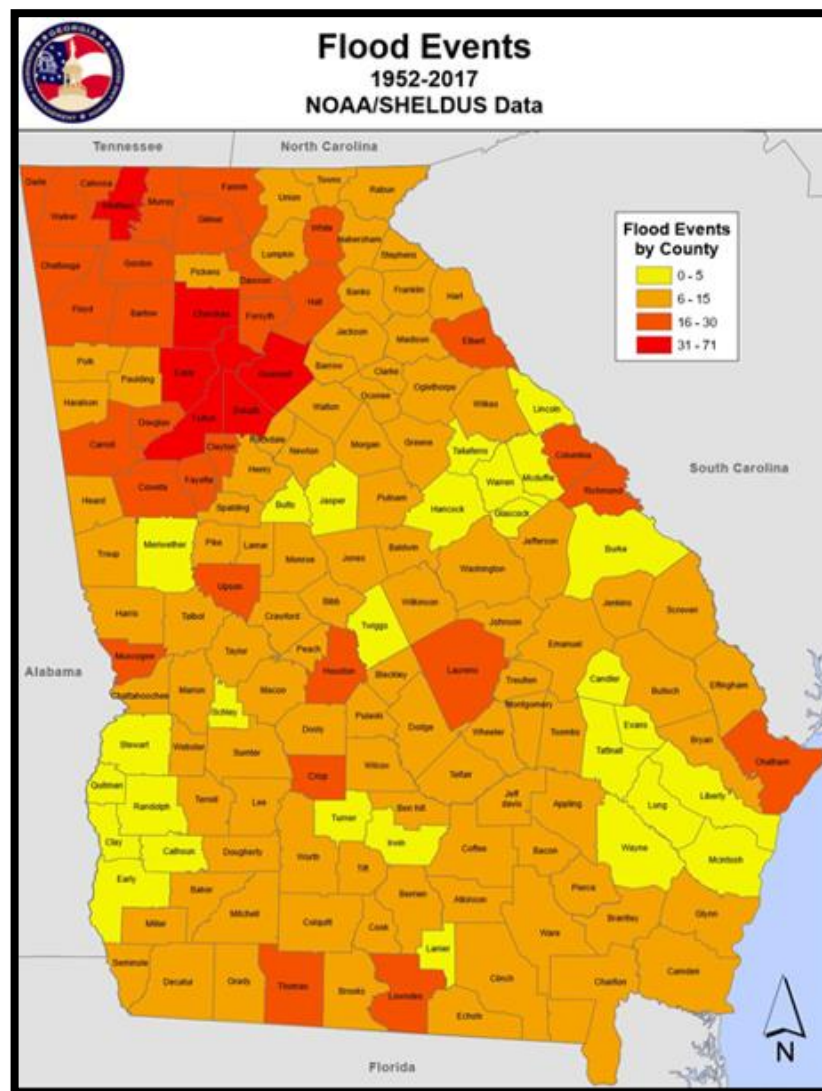
For additional historical data, please see Appendix D.

Assets Exposed to the Hazard

To evaluate the assets that would potentially be impacted by flooding, the Walton County HMPC attempted to identify known structures within, or close to, the 100-year floodplain.



Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: **Flooding**

Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

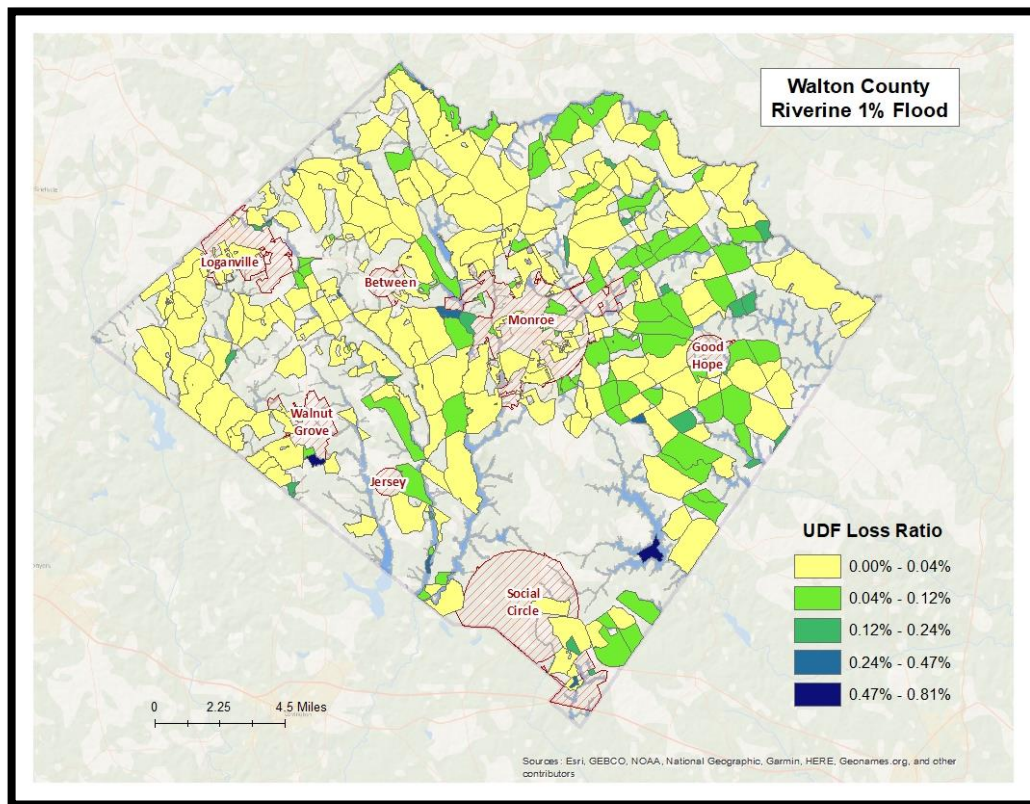
Estimated Potential Losses

The flooding events in Walton County over the last 50 years have led to over \$9,000 in reported damages. Extrapolated over 50 years, this results in an annual average of \$180 per year. However, all reported damages have occurred in the last 10 years. As a result, the average over the last 10 years is \$900 annually. These estimations are believed to be a gross underestimation of both prior and potential damages from flood events.

Natural Hazard: **Flooding**

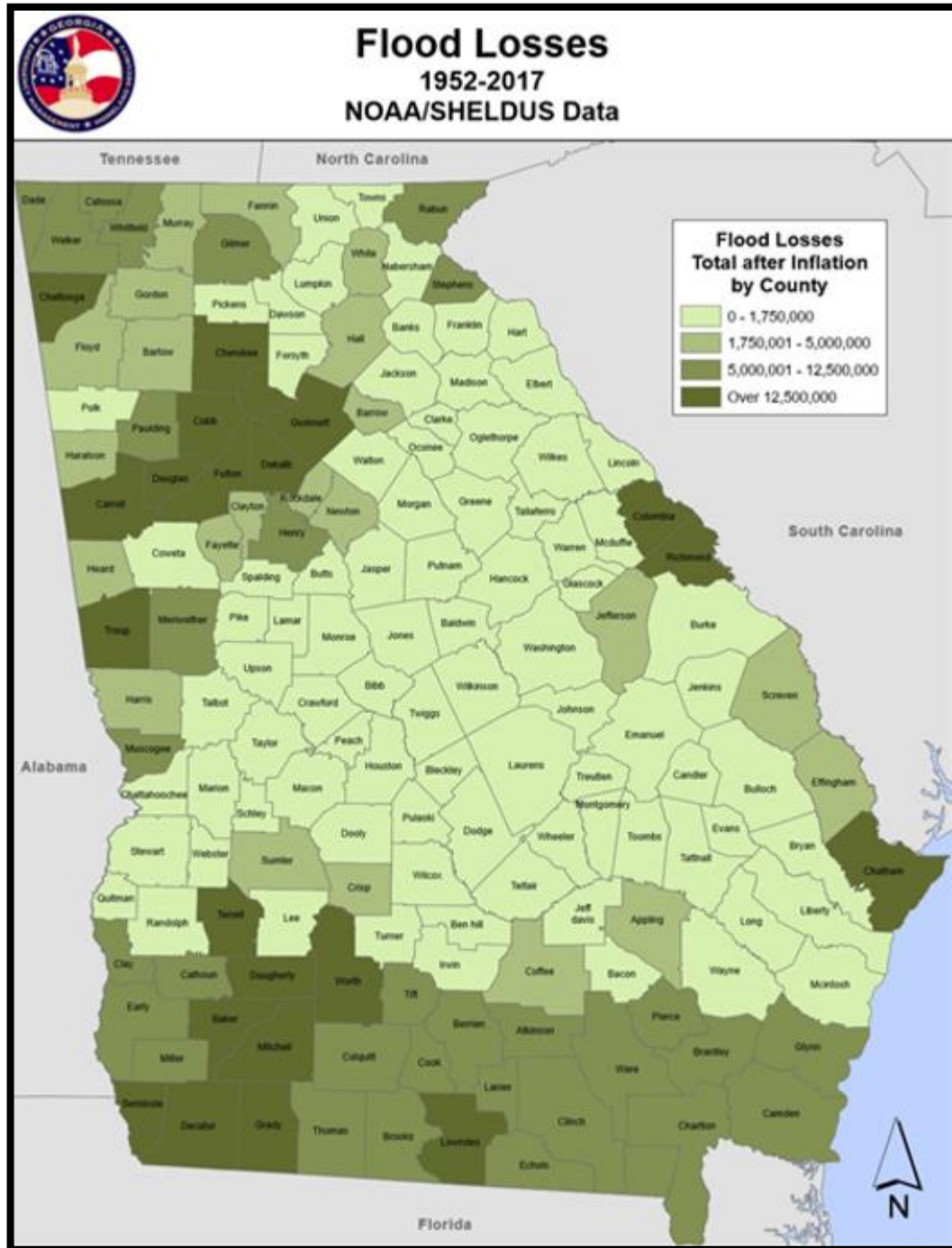
Jurisdiction	Number of Flood incidents since 2002	Probability
Unincorporated Walton County	8	44.4%
Between	2	11.1%
Good Hope	2	11.1%
Jersey	2	11.1%
Loganville	2	11.1%
Monroe	3	16.7%
Social Circle	3	16.7%
Walnut Grove	4	22.2%

Based upon the 2019 Walton County HAZUS report, a flood equivalent to the 1% riverine flood levels could result in losses in excess of \$62.9 million. However, it is possible that some areas may not experience total losses while others may be inundated with flood water who are not designated in the 1% riverine flood areas. Additionally, there are no critical facilities located in the 1% riverine flood areas.



Source: 2019 Walton County HAZUS Report

Natural Hazard: **Flooding**



Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: Flooding*Land Use & Development Trends*

Walton County participates in the National Flood Insurance Program (NFIP) and follows the program's guidelines to ensure future development is carried out in the best interests of the public. The County (CID No. 130185B) first entered the NFIP on February 16, 1990. According to the NFIP guidelines, the County has executed a Flood Damage Prevention Ordinance. This ordinance attempts to minimize the loss of human life and health as well as minimize public and private property losses due to flooding. The ordinance requires any potential flood damage be evaluated at the time of initial construction and that certain uses be restricted or prohibited based on this evaluation. The ordinance also requires that potential homebuyers be notified that a property is located in a flood area. In addition, all construction must adhere to the Georgia State Minimum Standard Codes and the International Building Codes.

Currently, the Walton County municipalities of Between, Good Hope, Loganville, Monroe, Social Circle, and Walnut Grove also participate in NFIP through the application of appropriate NFIP-compliant ordinances and regulations. There are no 1% (100-year) flood plain areas in the Town of Jersey.

There are two residential repetitive loss properties identified in Walton County. These properties have a total loss value of \$66,794.

Multi-Jurisdictional Considerations

During a large-scale flood event, many portions of Walton County would potentially be impacted by flooding. However, the area's most prone to flooding have historically been those areas located within the 100-year floodplain – particularly those areas along the Alcovy and Apalachee Rivers and their tributaries and distributaries. All of Walton County, including all municipalities, could potentially be impacted.

Hazard Summary

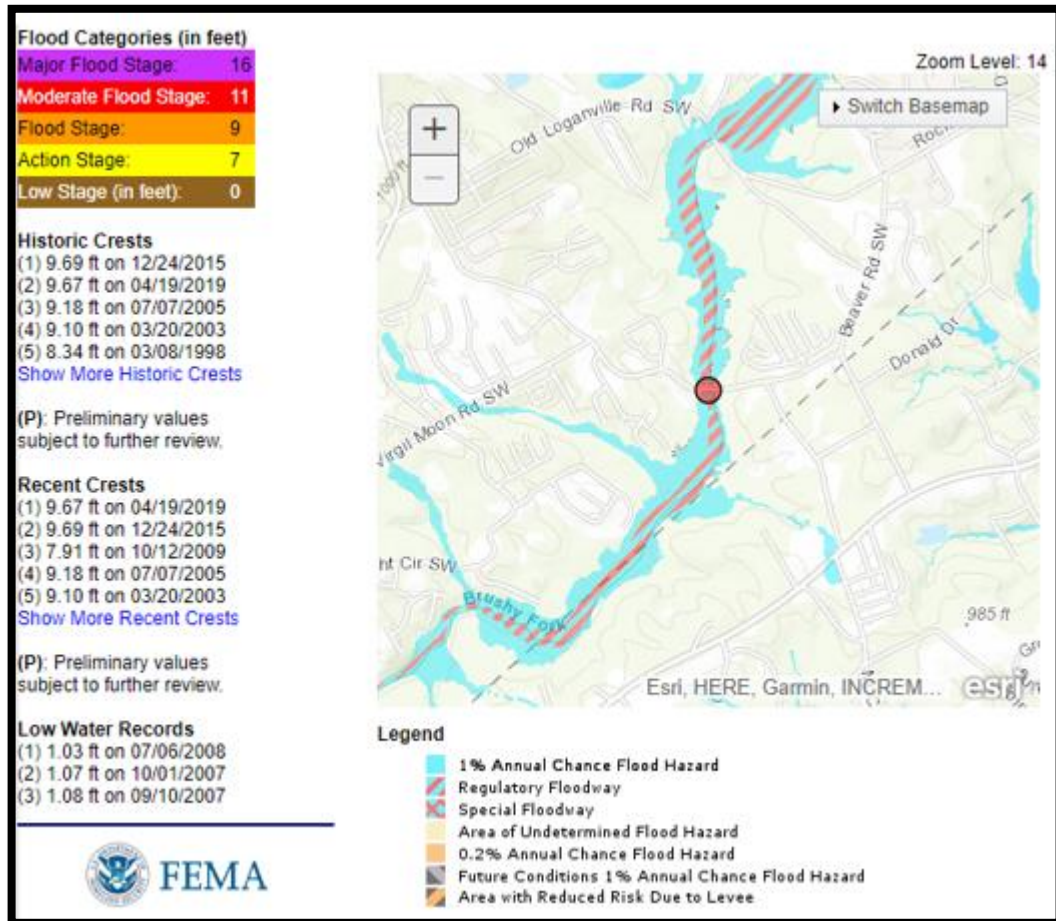
Flooding has the potential to inflict significant damage within Walton County, particularly along the Alcovy and Apalachee Rivers and their tributaries and distributaries. However, the Walton County HMPC recognizes the significant threat that flash flooding poses to Walton County due to the local topography. Mitigation of flood damage requires the community to be aware of flood-prone areas, including roads, bridges, and critical facilities. The Walton County HMPC identified flooding as a hazard requiring mitigation measures and identified specific goals, objectives, and action items they deemed necessary to lessen the impact of flooding for their communities. These maps were updated since the previous plan. There are 2 repetitive loss properties identified in Walton County.

Natural Hazard: **Flooding**

Flood Events since 2015 in Walton County

Location	Date	Time	T.Z.	Type	Mag	Dth	Inj	PrD	CrD
Totals:						0	0	0.00K	0.00K
WALNUT GROVE	07/05/2019	22:10	EST-5	Flash Flood		0	0	0.00K	0.00K
SPLIT SILK	07/05/2019	22:15	EST-5	Flash Flood		0	0	0.00K	0.00K

Brushy Fork Creek near Loganville



Natural Hazard: Flooding

Note:

All “blue” shaded areas indicate the extent of the 100-year (or 1% annual) flood risk. All Flood Maps are from the GEMA Georgia Mitigation Information System (GMIS).

Walton County



Natural Hazard: **Flooding**

Between



Good Hope



Natural Hazard: **Flooding**

Monroe



Natural Hazard: **Flooding**

Social Circle



Walnut Grove



Natural Hazard: Tornado*Hazard Description*

A tornado is a violently rotating column of air (seen only when containing condensation, dust, or debris) that is in contact with the surface of the ground. Exceptionally large tornadoes may not exhibit the classic “funnel” shape, but may appear as a large, turbulent cloud near the ground or a large rain shaft. Destructive because of strong winds and windborne debris, tornadoes can topple buildings, roll mobile homes, uproot vegetation and launch objects hundreds of yards.

Most significant tornadoes (excluding some weak tornadoes and waterspouts) stem from the right rear quadrant of large thunderstorm systems where the circulation develops between 15,000 and 30,000 feet. As circulation develops, a funnel cloud, a rotating air column aloft, or tornado descends to the surface. These tornadoes are typically stronger and longer-lived. The weaker, shorter-lived tornadoes can develop along the leading edge of a singular thunderstorm. Although tornadoes can occur in most locations, most of the tornado activity in the United States in the Midwest and Southeast. Tornadoes can occur anywhere within the State of Georgia.

In terms of the continuum of area of impact for hazard events, tornadoes are fairly isolated. Typically ranging from a few hundred to one or two miles across, tornadoes affect far less area than larger meteorological events such as tropical cyclones, winter storms and severe weather events. An exact season does not exist for tornadoes. However, most occur between early spring to mid-summer (February-June). The rate of onset of tornado events is rapid. Typically, the appearance of the first signs of the tornado is the descending funnel cloud. This sign may be only minutes from the peak of the event, giving those in danger minimal sheltering time. However, meteorological warning systems attempt to afford those in danger more time to shelter. The frequency of specific tornado intensities is undetermined because no pattern seems to exist in occurrence. Finally, the duration of tornado events ranges from the few minutes of impact on a certain location to the actual tornado lasting up to a few hours.

Tornadoes are measured after the occurrence using the subjective intensity measures. The Enhanced Fujita Scale describes the damage and then gives estimates of magnitude of peak 3-second gusts in miles per hour.

Natural Hazard: **Tornado**

EF Number	3 Second Gust (mph)	Damage
0	65–85	Light damage. Peels surface off some roofs; some damage to gutters or siding; branches broken off trees; shallow-rooted trees pushed over.
1	86–110	Moderate damage. Roofs severely stripped; mobile homes overturned or badly damaged; loss of exterior doors; windows and other glass broken.
2	111–135	Considerable damage. Roofs torn off well-constructed houses; foundations of frame homes shifted; mobile homes completely destroyed; large trees snapped or uprooted; light-object missiles generated; cars lifted off ground.
3	136–165	Severe damage. Entire stories of well-constructed houses destroyed; severe damage to large buildings such as shopping malls; trains overturned; trees debarked; heavy cars lifted off the ground and thrown; structures with weak foundations blown away some distance.
4	166–200	Devastating damage. Well-constructed houses and whole frame houses completely leveled; cars thrown, and small missiles generated.
5	More than 200	Incredible damage. Strong frame houses leveled off foundations and swept away; automobile-sized missiles fly through the air in excess of 100 m (109 yd); high-rise buildings have significant structural deformation; incredible phenomena occur.

Hazard Profile

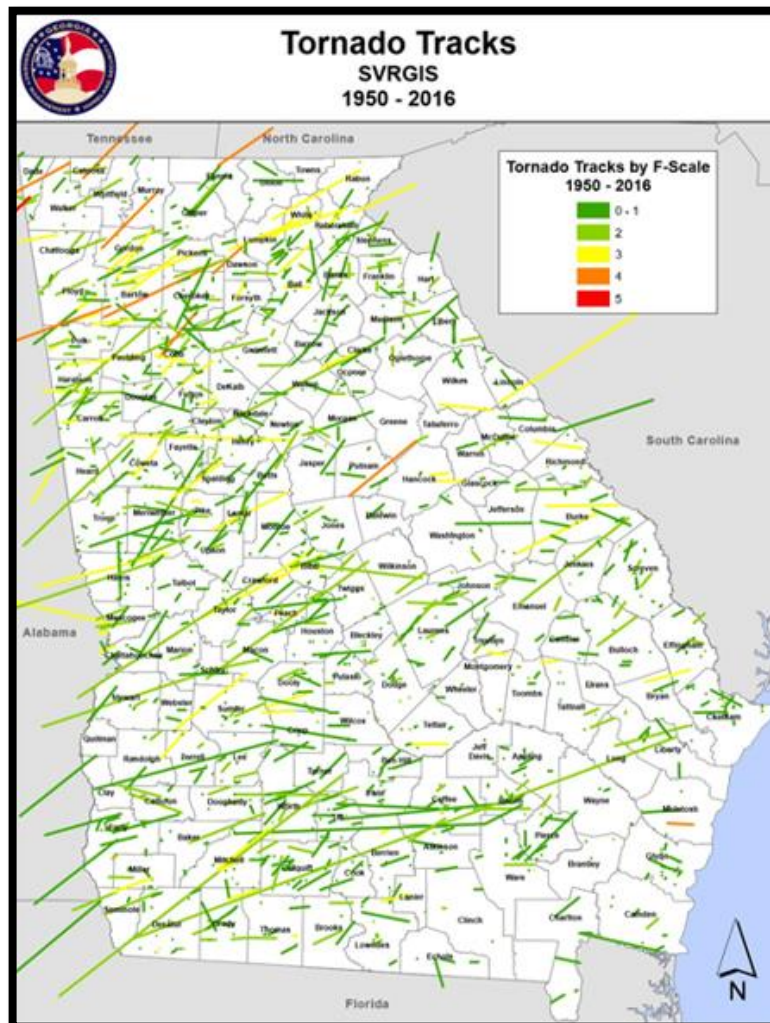
All areas within Walton County are vulnerable to the threat of a tornado. Due to the indiscriminate and unpredictable nature of tornadoes, there is no reliable method to determine where or when a tornado will strike. There have been 8 documented tornadoes in the last 50 years in Walton County. It is likely that other tornadoes have occurred within this timeframe, but available records are limited in nature.

Based on the 50-year information available for Walton County, a tornado occurs every 6.25 years. On an annual basis, Walton County has a 16% chance of being impacted from a tornado event.

Natural Hazard: Tornado

Individual tornado events can cause extreme damage to an area. This holds true for Walton County, as well. The strongest documented tornado to impact Walton County was EF3 in 1983. This storm traveled 8.9 miles through Walton and Oconee Counties and caused damages in excess of \$25 million. The costliest tornado to ever impact Walton County occurred in 1973. This F2 tornado was on the ground for 22 miles through north central Walton County. Damages for this tornado exceeded \$250 million. The Walton County Hospital reported treating over 100 patients as a result of this storm.

For additional historical data, please see Appendix D. All tornado hazard data included for Walton County is limited to countywide data and is not broken down by jurisdiction.



Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: Tornado

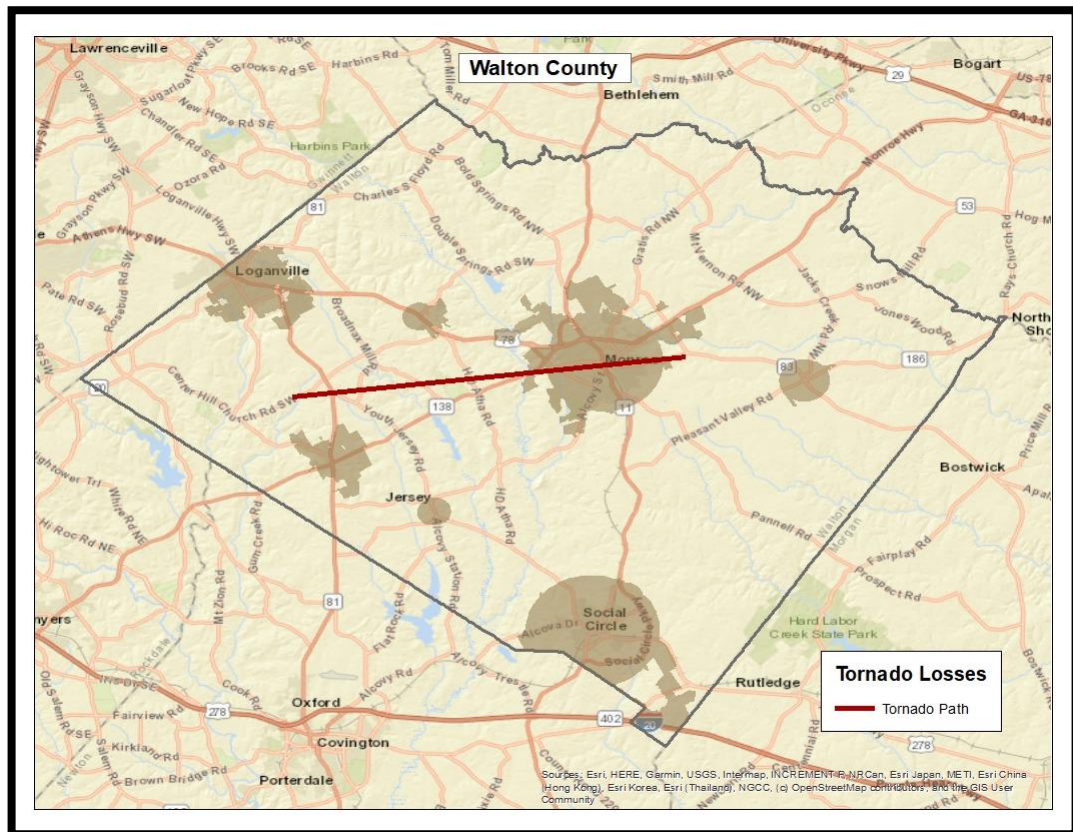
Assets Exposed to the Hazard

In evaluating assets that are susceptible to tornadoes, the Walton County HMPC determined that all public and private property is threatened by tornadoes, including all critical facilities. This is due to the lack of spatial prejudice of tornadoes.

Estimated Potential Losses

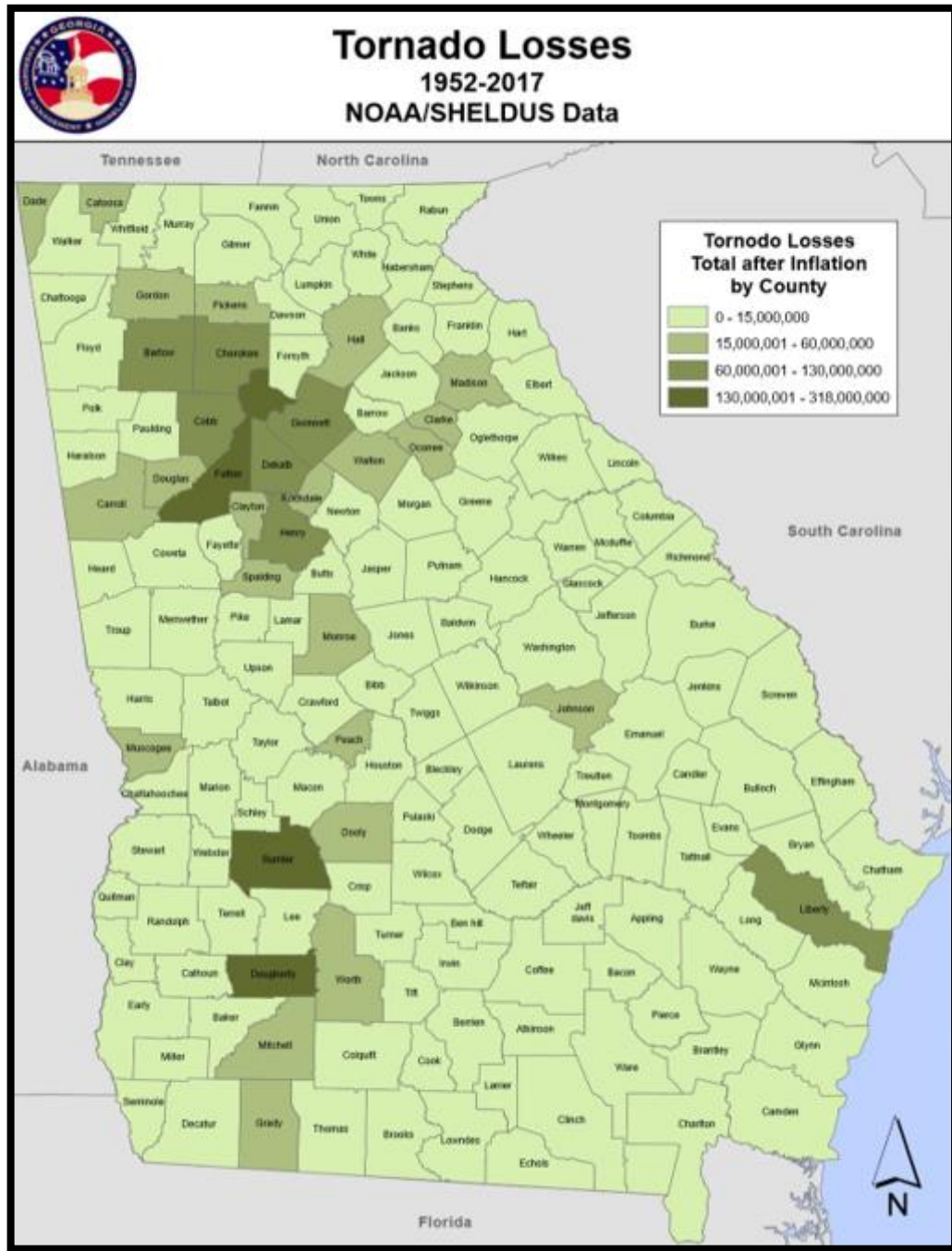
Estimates of damage for the past events of the last 50 years are over \$281 million, or \$5.63 million annually.

Within the 2019 Walton County HAZUS report, a theoretical tornado path for an EF3 was identified that would inflict maximum damage. HAZUS estimated that this theoretical tornado would cause damage to approximately 1200 buildings and result in losses in excess of \$62 million with the City of Monroe suffering the greatest economic impacts.



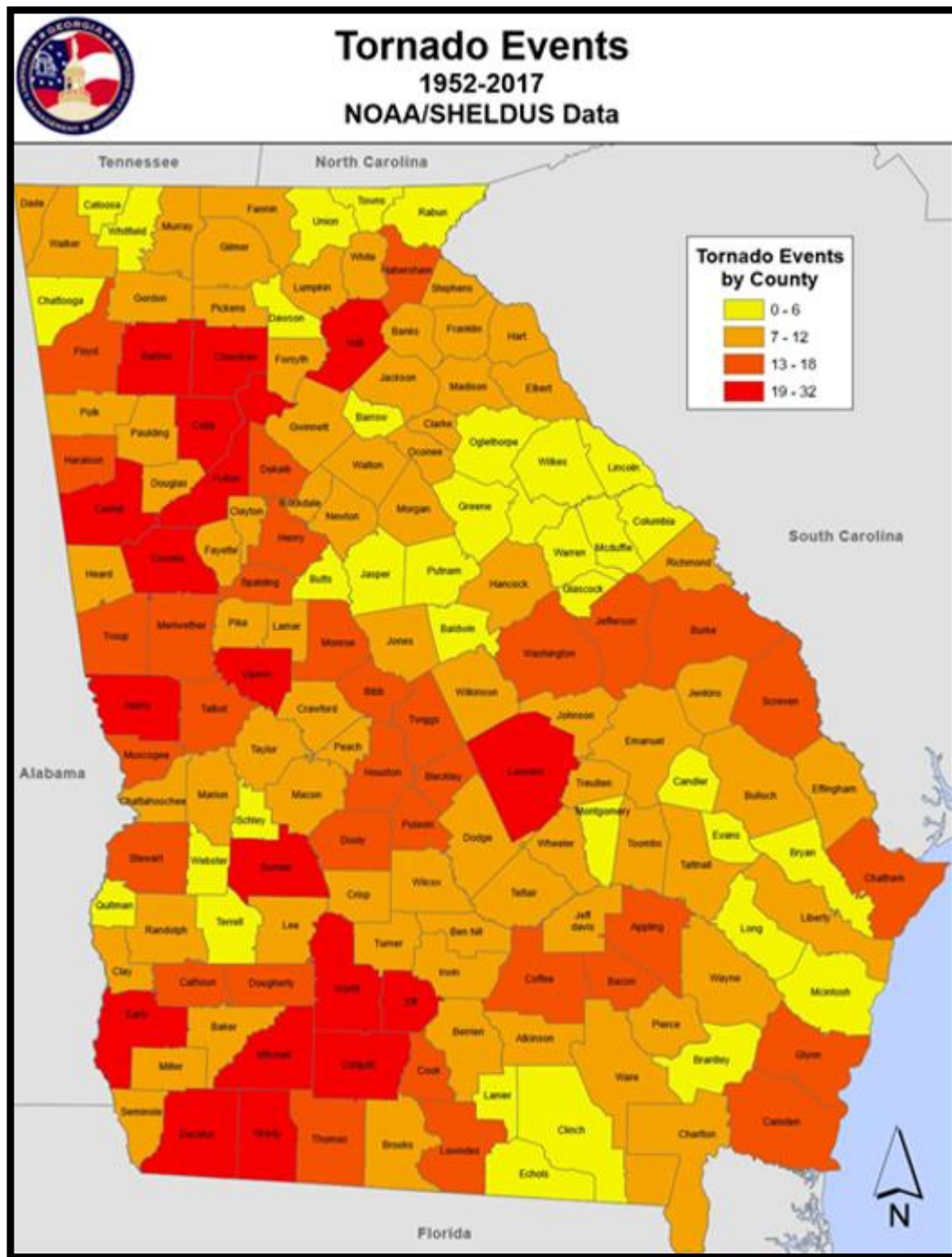
Source: 2019 Walton County HAZUS Report

Natural Hazard: Tornado



Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: Tornado

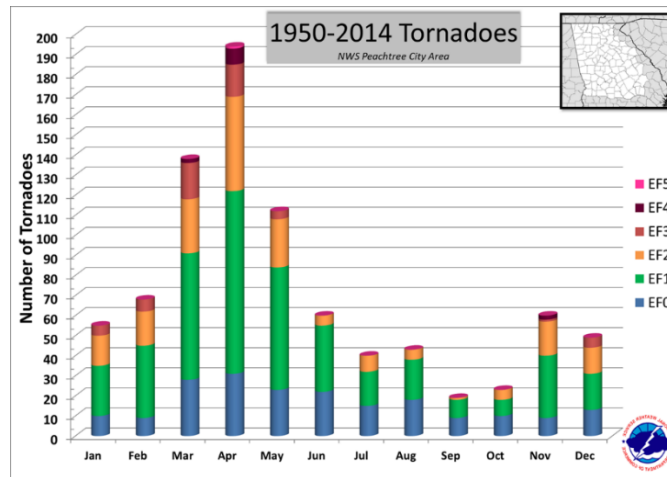


Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: Tornado

Land Use & Development Trends

Walton County currently has no land use trends related to Tornadoes beyond continued population growth – particularly around the Cities of Loganville and Monroe and in the northwest portion of the county near the Gwinnett County line. Additionally, tourist areas throughout Walton County would see significant impact from a direct tornado strike or damage in infrastructure from a tornado strike elsewhere in Walton County.



Multi-Jurisdictional Considerations

All portions of Walton County could potentially be impacted by a tornado due to the indiscriminate nature of tornadic events. Therefore, all mitigation actions identified regarding tornadoes should be pursued on a countywide basis and included all municipalities.

Hazard Summary

Walton County remains at risk to potential damage from tornadoes, especially considering the average of one tornado every 6.25 years over the last 50 years. Should a tornado strike in densely populated areas of the county, significant damage or loss of life could occur. Due to the destructive power of tornadoes, it is essential that the mitigation measures identified in this plan regarding tornado activity.

Tornadoes in Walton County since 2015

Location	Date	Time	T.Z.	Type	Mag	Dth	Inj	PrD	CrD
WALNUT GROVE	04/05/2017	11:10	EST-5	Tornado	EF1	0	0	15.00K	0.00K
HERNDONVILLE	08/01/2018	18:32	EST-5	Tornado	EF1	0	0	200.00K	0.00K

Natural Hazard: Drought*Hazard Description*

Drought is a normal, recurrent feature of climate consisting of a deficiency of precipitation over an extended period (usually a season or more). This deficiency results in a water shortage for some social or environmental sector. Drought should be judged relative to some long-term average condition of balance between precipitation and evapotranspiration in a particular area that is considered “normal.” Drought should not be viewed as only a natural hazard because the demand people place on water supply affects perceptions of drought conditions. From limited water supplies in urban areas to insufficient water for farmland, the impacts of drought are vast.

Droughts occur in virtually every climatic zone and on every continent. Because the impacts of drought conditions are largely dependent on the human activity in the area, the spatial extent of droughts can span a few counties to an entire country.

Temporal characteristics of droughts are drastically different from other hazards due to the possibility of extremely lengthy durations as well as a sluggish rate of onset. Drought conditions may endure for years or even decades. This factor implicates drought as having a high potential to cause devastation on a given area. The duration characteristic of droughts is so important that droughts are classified in terms of length of impact. Droughts lasting 1 to 3 months are considered short term, while droughts lasting 4 to 6 months are considered intermediate and droughts lasting longer than 6 months are long term. With the slow rate of onset, most populations have some inkling that drought conditions are increasingly present. However, barring drastic response measures, most only must adapt to the changing environment.

Seasonality has no general impact on droughts in terms of calendar seasons. However, “wet” and “dry” seasons obviously determine the severity of drought conditions. In other words, areas are less susceptible to drought conditions if the area is experiencing a wet season. The frequency of droughts is undetermined, since the hazard spans such a long period of time. However, climatologists track periods of high and low moisture content similarly to the tracking of cooling and warming periods.

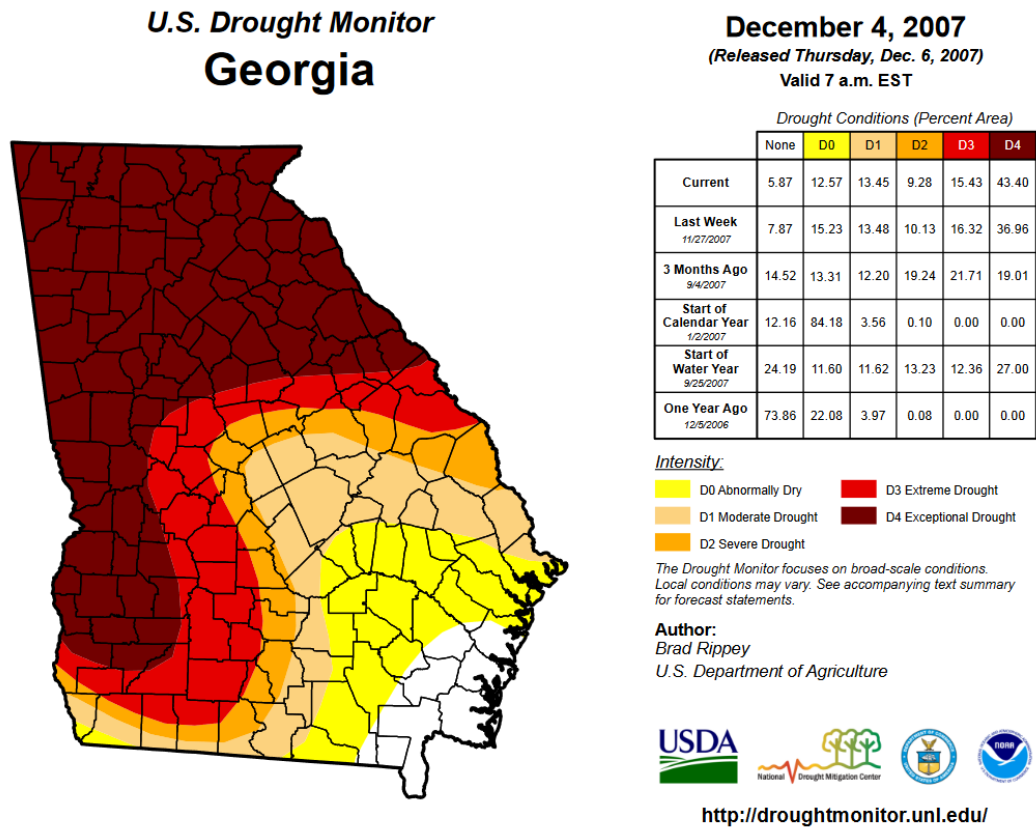
Hazard Profile

The Walton County HMPC reviewed data for the last 50 years regarding drought conditions. Historically, agricultural losses have accounted for the vast amount of losses related to drought conditions.

Natural Hazard: Drought

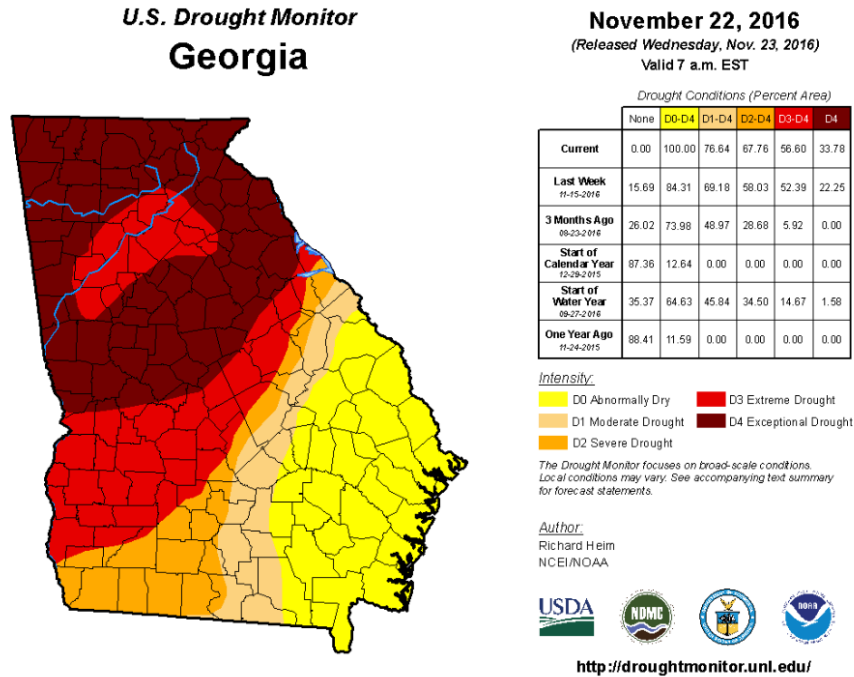
Due to poor record keeping and the unpredictable nature of drought conditions, reliability of historical data for the last 50 years is low. Walton County has been impacted by 8 drought events in the last 20 years, according to data from the National Climatic Data Center. This amounts to a 40% chance of a drought for a given year over the last 20 years. The economic impact of these droughts, including crop damage, is not available for most of these droughts. However, documentation does show over \$6 million in crop losses due to the 2000 drought and \$1.5 million in losses for the 1997 drought. This is the only drought with documented economic loss estimations. All drought hazard data included for Walton County is limited to countywide data and is not broken down by jurisdiction.

There have been two recent examples of “exceptional” drought events affecting Walton County. These events occurred in 2007 and 2016. Both events reached the D4 (Exceptional Drought) designation, according to data from the United States Drought Monitor. Below are maps of these two events.



Source: USDA Drought Monitor – University of Nebraska-Lincoln

Natural Hazard: **Drought**



Source: USDA Drought Monitor – University of Nebraska-Lincoln

Events of this extent can cause water shortages for residential and corporate needs, as well as affecting the ability for firefighting operations to be properly effective. Drought conditions of this extent can have devastating effects on the local agricultural industries, which has occurred in previous D4 level droughts.

Assets Exposed to the Hazard

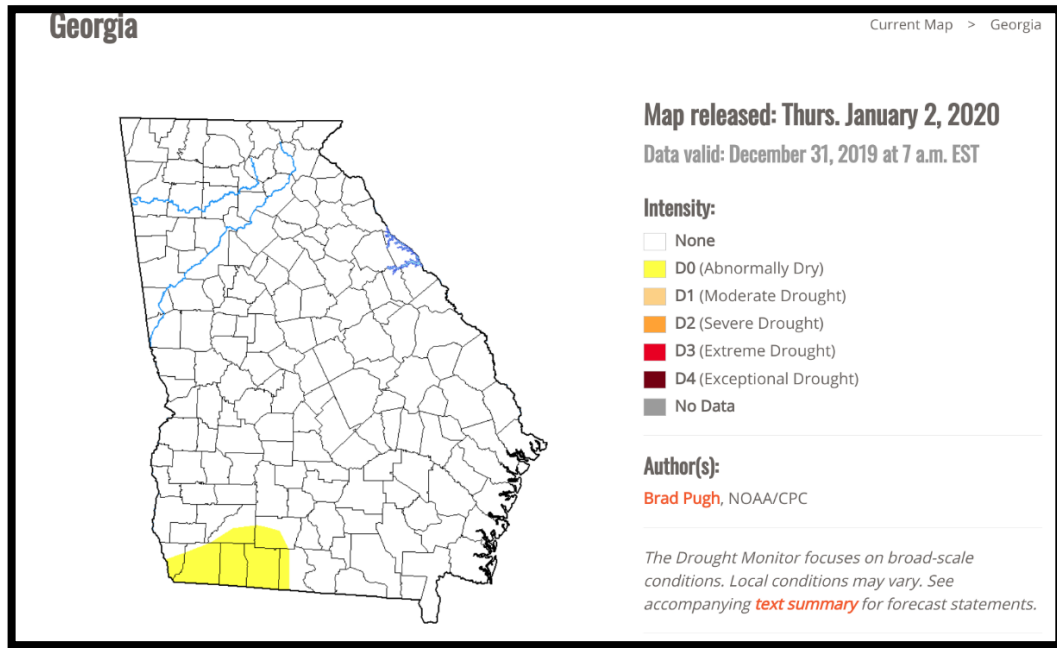
While drought conditions do not typically pose a direct threat to structures, secondary hazards from drought such as increased wildfire threat, does pose a significant threat to all public and private property in Walton County, including all critical facilities. Water resources could also become scarce during a drought, a condition that would potentially affect all Walton County residences and critical facilities.

Estimated Potential Losses

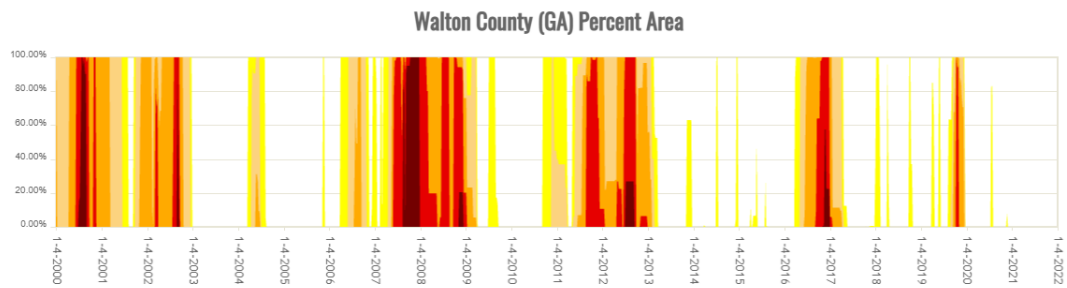
No damage to structures or critical facilities is expected as a direct result of drought conditions. However, crop damage and subsequent losses can be expected to occur as a result of drought conditions. The degree of losses would depend on the duration of the drought, severity of the drought, temperatures during the drought, season in which the drought occurs, and the specific needs of the involved crops. Water system shortages and need for supply assistance for those systems could also lead to economic losses associated with the drought.

Natural Hazard: Drought

According to the 2017 Agriculture Census data, Walton County’s market value of products sold was \$26,613,000. \$6,134,000 of that total represented crop sales, accounting for 23% of the total. Livestock sales accounted for 77%, or \$20,479,000, of the total value.

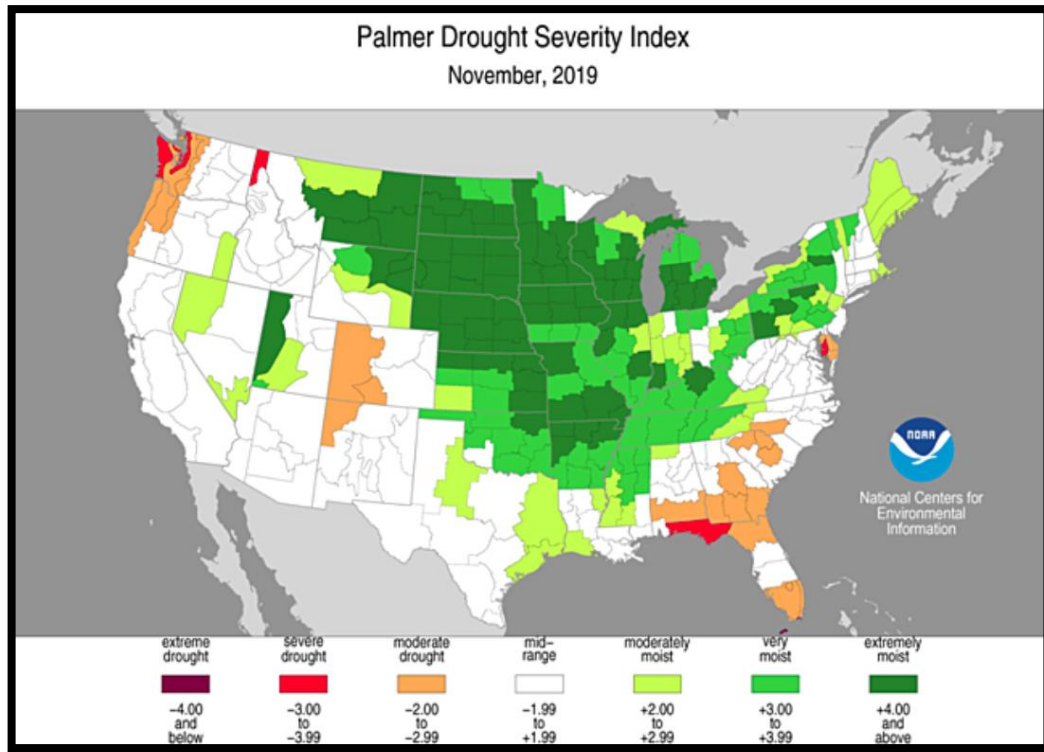


Source: United States Drought Monitor (University of Nebraska-Lincoln)



Source: United States Drought Monitor (University of Nebraska-Lincoln)

Natural Hazard: Drought



Source: National Integrated Drought Information System

Land Use & Development Trends

As growth continues, drought can become a larger threat for Walton County due to the increased reliance on water infrastructure and wells countywide. This increased pull on these resources in Walton County could quicken or deepen the impacts of a drought for residential, commercial, and industrial areas. Additionally, the local crop industry could see particularly significant impacts from a drought. With over \$60 million in annual sales, crop damage as a result of a prolonged drought could prove to be particularly crippling to the Walton County economy.

Multi-Jurisdictional Considerations

All portions of Walton County could potentially be impacted by a drought, but agricultural areas of the county are potentially more at risk. Therefore, all mitigation actions identified regarding drought should be pursued on a countywide basis and include all municipalities.

Natural Hazard: Drought*Hazard Summary*

Drought conditions can cause significant economic stress on the agriculture and forestry interests of Walton County. The potential negative secondary impacts of drought are numerous. They include increased wildfire threat, decreased water supplies for residential and industrial needs, stream-water quality, and water recreation facilities. The Walton County HMPC recognizes the potential threats drought conditions could have on the community and have identified specific mitigation actions as a result.

Drought Events since 2015 in Walton County

<u>Location</u>	<u>Date</u>	<u>Time</u>	<u>T.Z.</u>	<u>Type</u>	<u>Mag</u>	<u>Dth</u>	<u>Inj</u>	<u>PrD</u>	<u>CrD</u>
Totals:						0	0	0.00K	0.00K
WALTON (ZONE)	06/01/2016	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	07/01/2016	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	08/01/2016	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	09/01/2016	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	10/01/2016	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	11/01/2016	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	12/01/2016	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	01/01/2017	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	02/01/2017	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	03/01/2017	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	09/24/2019	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	10/01/2019	00:00	EST-5	Drought		0	0	0.00K	0.00K

Natural Hazard: Wildfire*Hazard Description*

A wildfire is an uncontained fire that spreads through the environment. Wildfires can consume large areas, including infrastructure, property, and resources. When massive fires, or conflagrations, develop near populated areas, evacuations could possibly ensue. Not only do the flames impact the environment, but the massive volumes of smoke spread by certain atmospheric conditions also impact the health of nearby populations.

Wildfires result from the interaction of three crucial elements: fuel, ignition (heat), and oxygen. Natural and manmade forces cause the three crucial elements to coincide in a manner that produces wildfire events. Typically, fuel consists of natural vegetation. However, as the urban and suburban footprint expands, wildfires may utilize other means of fuel, such as buildings. In terms of ignition or source of heat, the primary source is lightning. However, humans are more responsible for wildfires than lightning. Manmade sources vary from the unintentional, such as fireworks, campfires or machinery, to intentional arson. With these two elements provided, the wildfires may spread as long as oxygen is present.

Weather is the most variable factor affecting wildfire behavior. Strong winds propel wildfires quickly across most landscapes unless firebreaks are present. Shifting winds create erratic wildfires, which can complicate fire management efforts. Dry conditions provide faster-burning fuels, either making the area more vulnerable to wildfire or increasing the mobility of preexisting wildfires.

Wildfires are notorious for spawning secondary hazards, such as flash flooding and landslides, long after the original fire is extinguished. Both flash flooding and landslides result from fire consuming the natural vegetation that provides precipitation interception and infiltration as well as slope stability.

All of Georgia is prone to wildfire due to the presence of wildland fuels associated with wildfires. Land cover associated with wildland fuels includes coniferous, deciduous, and mixed forest; shrubland; grassland and herbaceous; transitional; and woody and emergent herbaceous wetlands. The spatial extent of wildfire events greatly depends on both the factors driving the fire as well as the efforts of fire management and containment operations.

Natural Hazard: **Wildfire**

In terms of seasonality, wildfires can occur during any season of the year. However, drier seasons, which vary within the State of Georgia, are more vulnerable to severe wildfires because of weather patterns and the abundant quick-burning fuels. In terms of rate of onset and duration, wildfires vary depending on the available fuels and weather patterns. Some wildfires can engulf an area in a matter of minutes from the first signs whereas others may be slower burning and moving. The frequency of wildfires is not typically measured because of the high probability of human ignition being statistically unpredictable. Magnitude and intensity are typically only measured by size of the wildfire and locations of burning.

Three classes of fires include understory, crown, and ground fires. Naturally-induced wildfires burn at relatively low intensities, consuming grasses, woody shrubs, and dead trees. These understory fires often play an important role in plant reproduction and wildlife habitat renewal and self-extinguish due to low fuel loads or precipitation. Crown fires, which consist of fires consuming entire living trees, are low probability but high consequence events due to the creation of embers that can be spread by the wind. Crown fires typically match perceptions of wildfires. In areas with high concentrations of organic materials in the soil, ground fires may burn, sometimes persisting undetected for long periods until the surface is ignited.

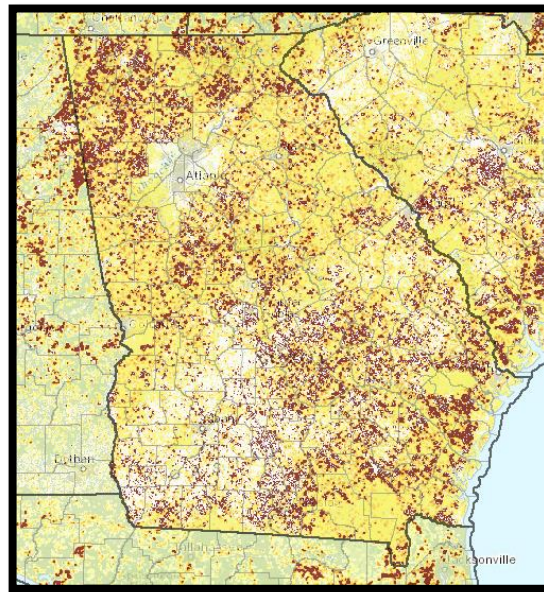
Hazard Profile

Wildfires pose a serious threat to Walton County. This is a result of the high amount of forestland and vegetation available to fuel potential wildfires. Also, there is an increasing amount of wildland-urban interface (WUI) in Walton County, which is defined as areas where structures and other human development meets undeveloped wildland properties. 99.3% of Walton County's population lives within the WUI. All wildfire hazard data included for Walton County is limited to countywide data and is not broken down by jurisdiction.

Jurisdiction	% of Population in WUI
Walton County	99.3%
Between	100%
Good Hope	99.6%
Jersey	100%
Loganville	99.6%
Monroe	98.3%
Social Circle	98.3%
Walnut Grove	100%

Natural Hazard: Wildfire

Wildfire statistics were not available for the 50-year timeframe at the time of this profile. However, according to the 2018 Georgia Forestry Commission Walton County Community Wildfire Protection Plan, Walton County had 183 wildfires from 2007-2017 – an average of 16.6 fire per year. This equates to a 4.6% chance of a wildfire on any given day in Walton County. These 183 wildfires burned a total of 505.2 acres – or 45.93 acres per year. For this timeframe, debris burning was the most common cause of fire and was the source of 34% of wildfires from 2007 to 2017.

Georgia Wildfire Ignition Density

Source: Southern Group of State Foresters Wildfire Risk Assessment Portal

Assets Exposed to the Hazard

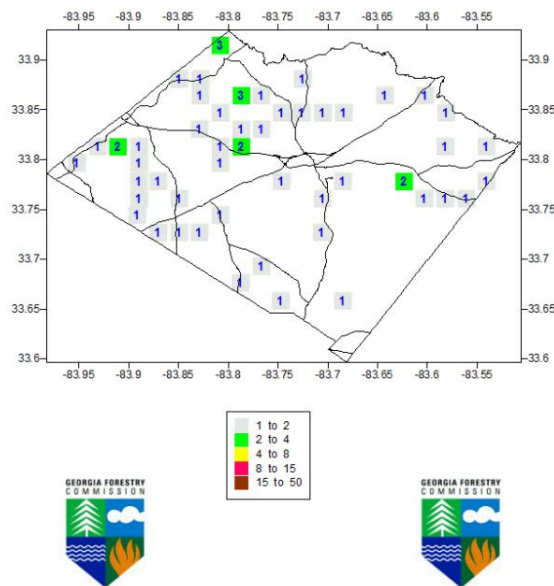
All public and private property located within the Wildland-Urban Interface, including critical infrastructures, are susceptible to impacts from wildfires. Due to the large area of wildland area in Walton County and the large amount of WIU, all public and private property, including critical infrastructures, could be directly or indirectly impacted by the threat of wildfire.

Natural Hazard: **Wildfire**

Estimated Potential Losses

Little information is available regarding damages, in terms of dollars, for wildfire losses in Walton County. According to the 2017 Ag Census by the USDA, Walton County has \$6,134,000 in annual crop sales. These areas would potentially be impacted by a wildfire event.

Fire Occurrence Map for Walton County (2007-2016)



Land Use & Development Trends

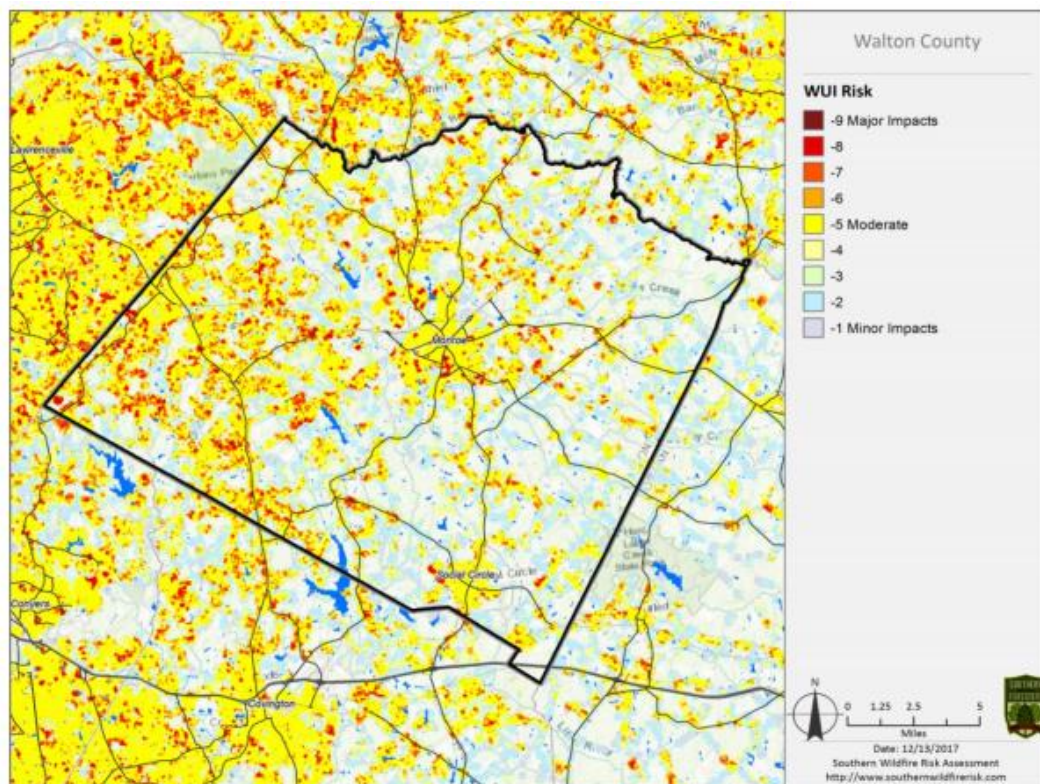
With the continued increase in population, Wildland-Urban Interface (WUI) is increasing in Walton County. The WUI creates areas where fire can easily move from wildland areas into developed areas and threaten structures and human life. The expansion of the WUI in Walton County complicated wildland fire management operations and planning initiatives. This development trend is expected to continue in the future.

Multi-Jurisdictional Considerations

All portions of Walton County, including all municipalities, could potentially be impacted by a wildfire due to the large amount of Wildland-Urban Interface, but the less developed areas of the county are more vulnerable. Therefore, all mitigation actions identified regarding wildfires should be pursued on a countywide basis and include all municipalities.

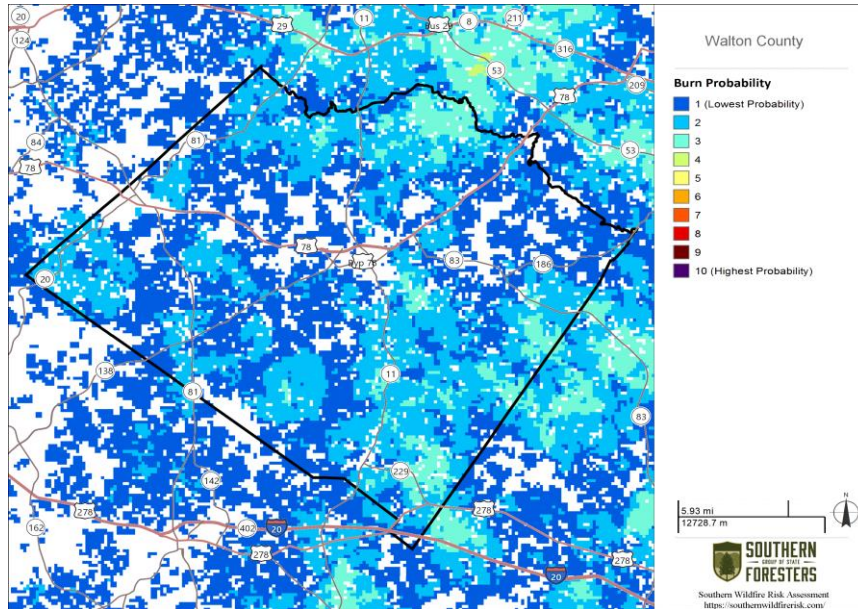
Natural Hazard: Wildfire*Hazard Summary*

Wildfire is a significant threat to Walton County due to the increased amount of Wildland-Urban Interface. The increasing amount of area where structures and other human development meets undeveloped, wildland property is where 99.3% of Walton County's population lives. The mitigation measures identified in this plan should be aggressively pursued based on the high frequency of this hazard and the ability for wildfires to inflict devastation anywhere in Walton County.

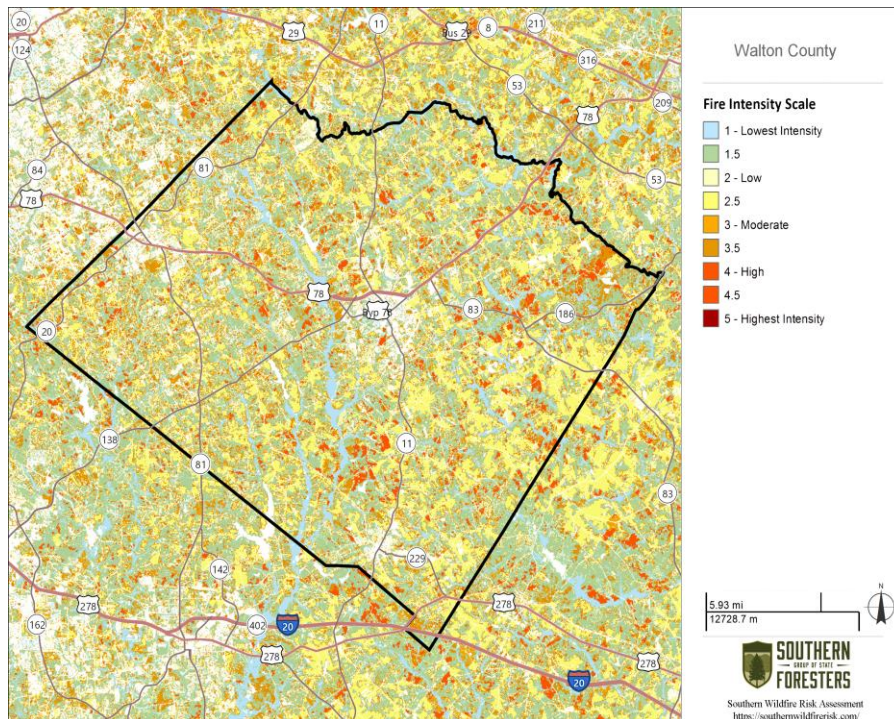
Walton County WUI Risk

Natural Hazard: **Wildfire**

Walton County Burn Probability

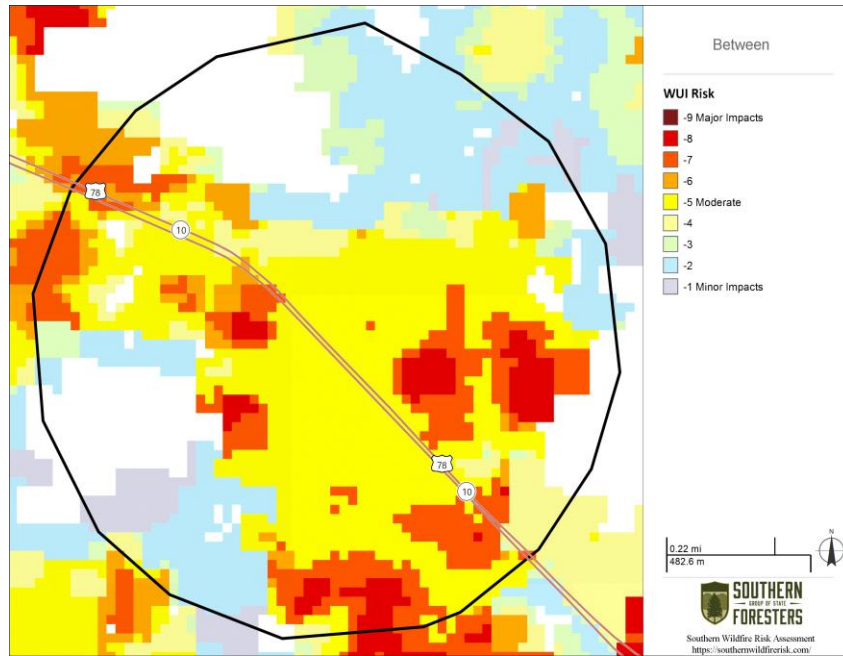


Walton County Fire Intensity Scale



Natural Hazard: **Wildfire**

Between WUI Risk

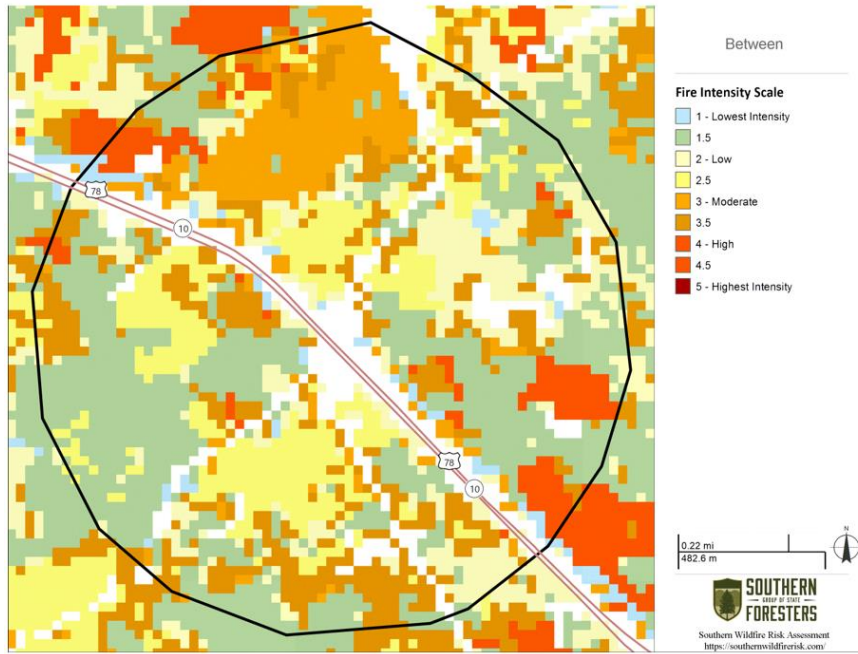


Between Burn Probability

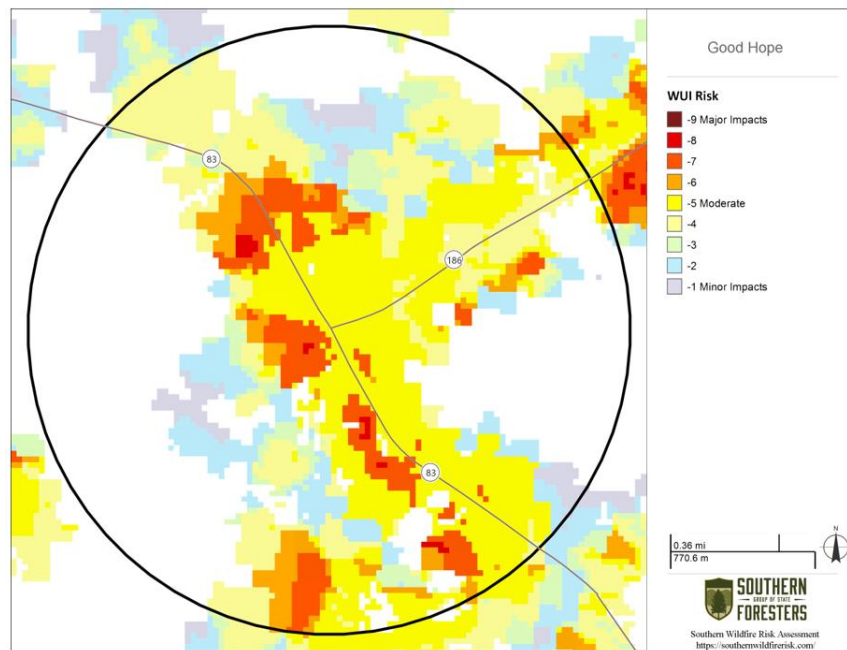


Natural Hazard: **Wildfire**

Between Fire Intensity Scale

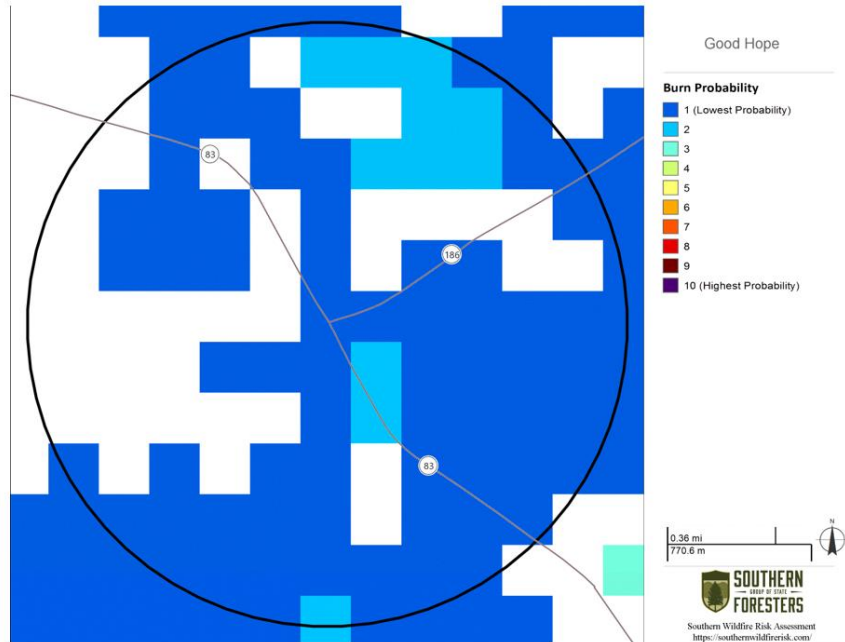


Good Hope WUI Risk

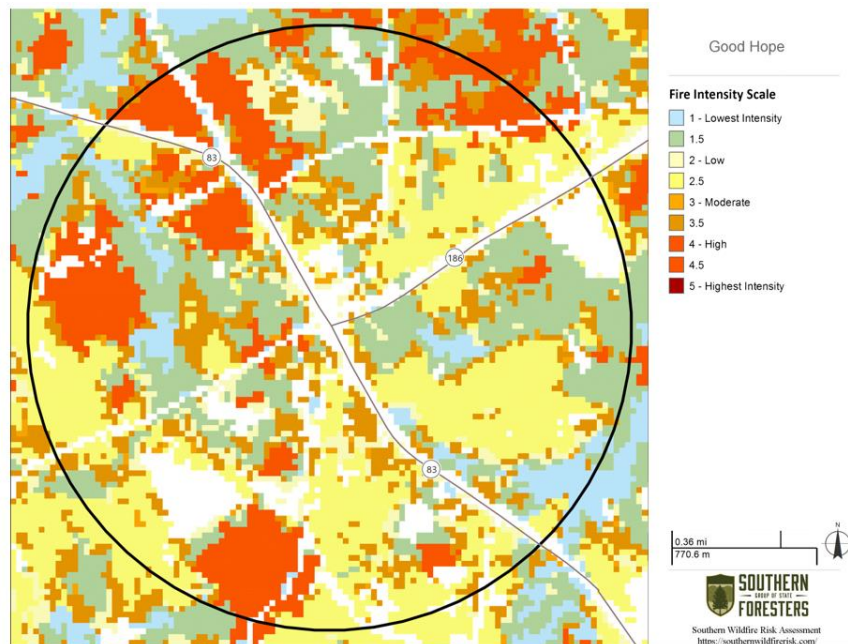


Natural Hazard: **Wildfire**

Good Hope Burn Probability

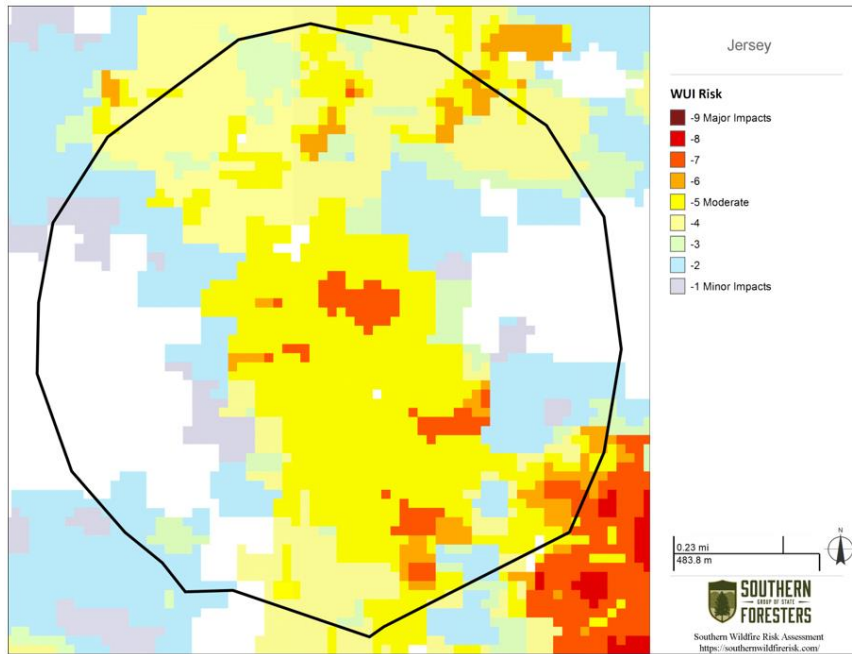


Good Hope Fire Intensity Scale

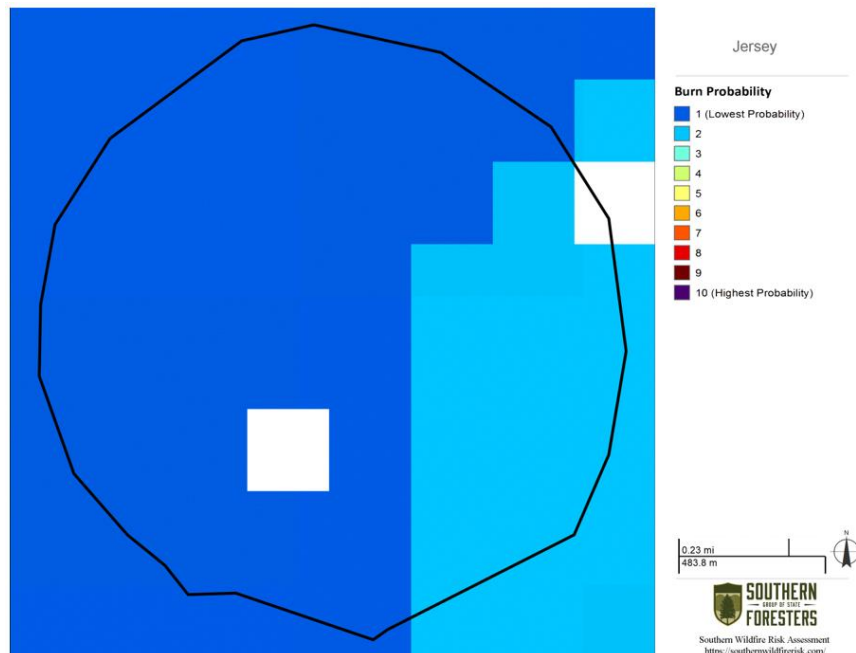


Natural Hazard: **Wildfire**

Jersey WUI Risk

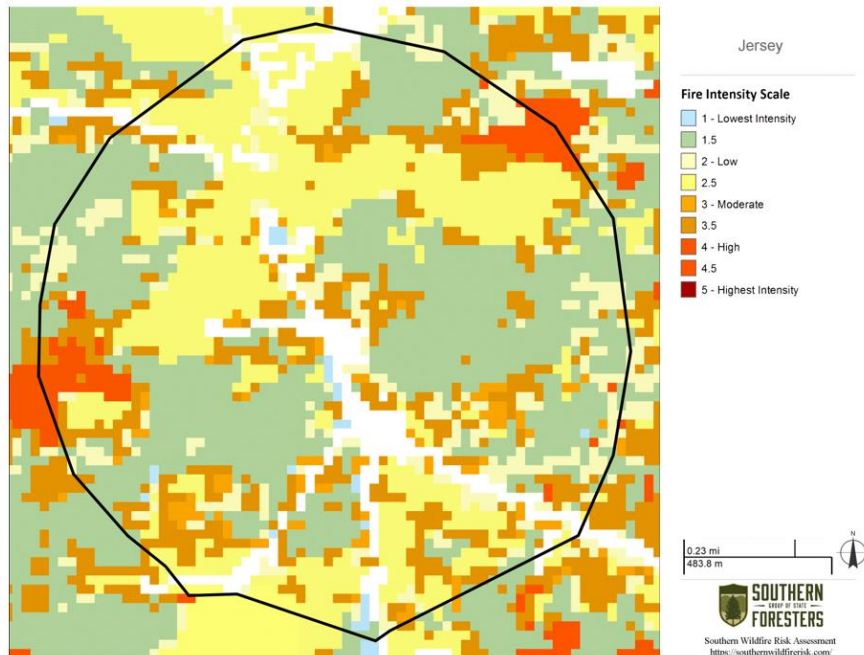


Jersey Burn Probability

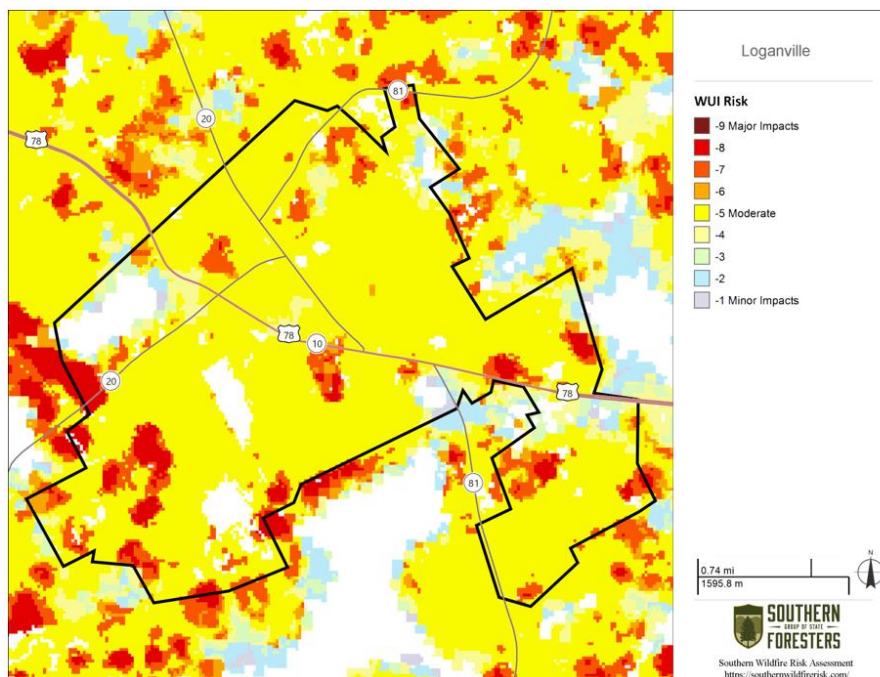


Natural Hazard: **Wildfire**

Jersey Fire Intensity Scale

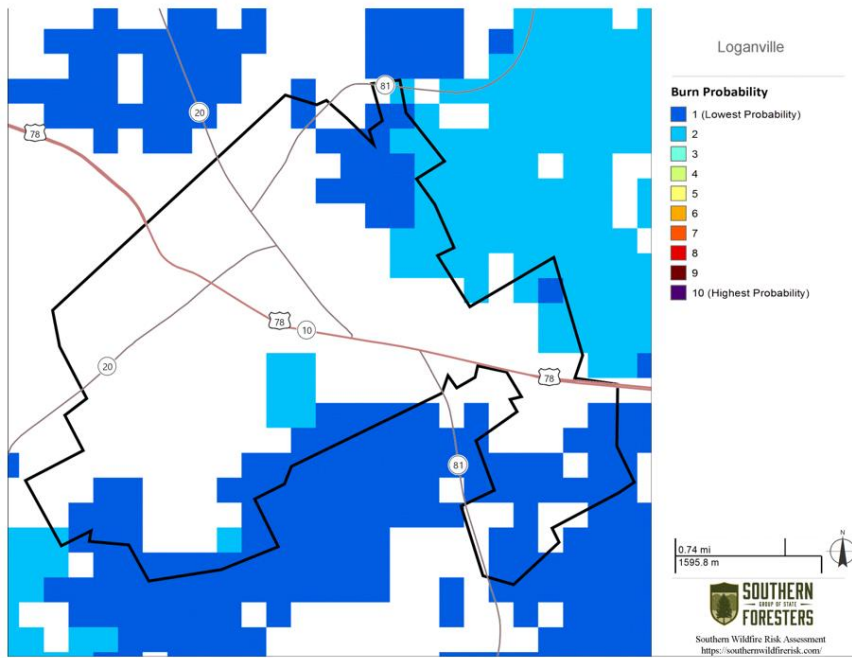


Loganville WUI Risk

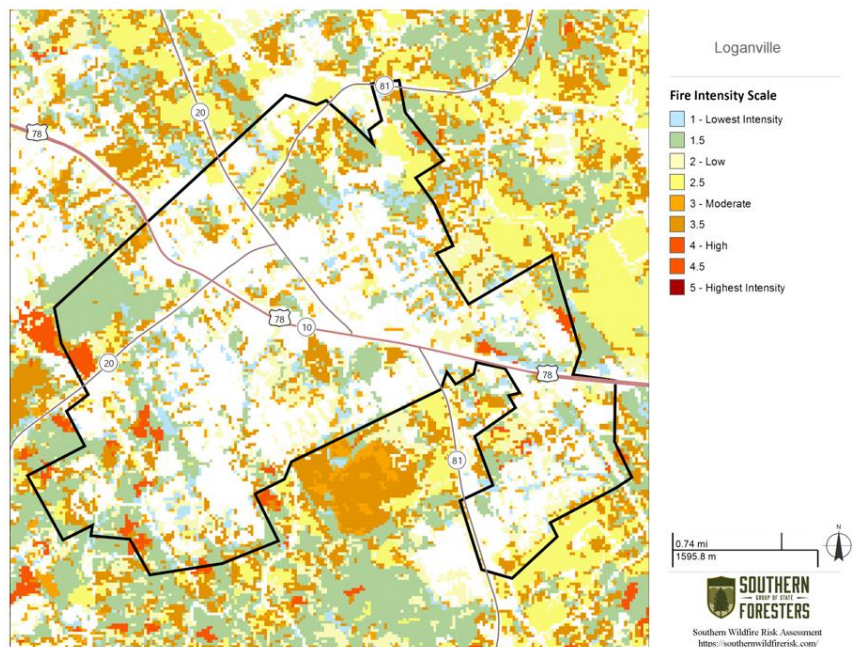


Natural Hazard: **Wildfire**

Loganville Burn Probability

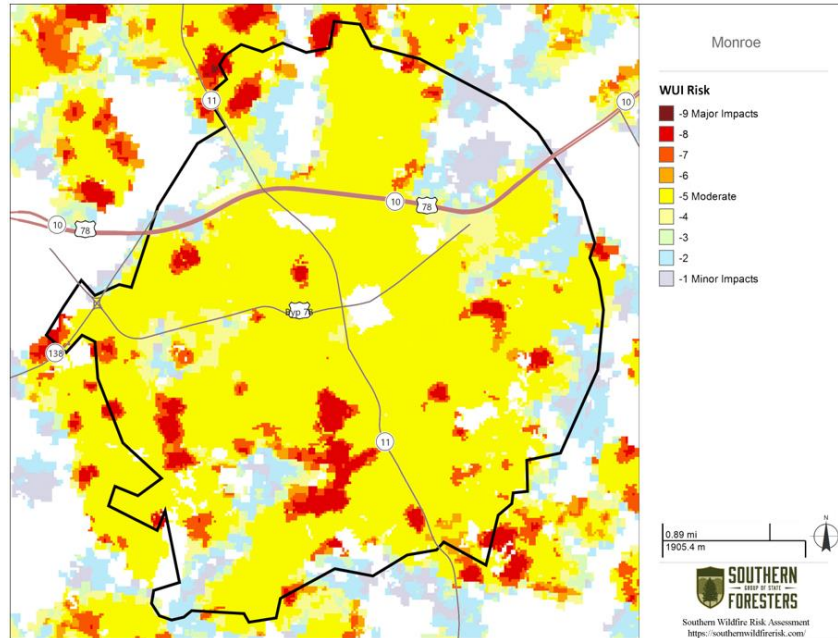


Loganville Fire Intensity Scale

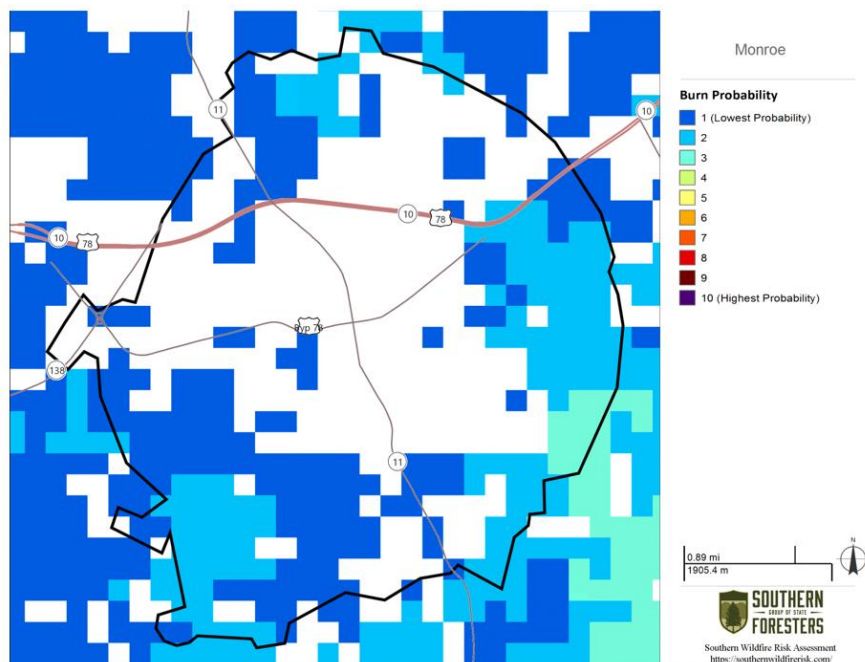


Natural Hazard: **Wildfire**

Monroe WUI Risk

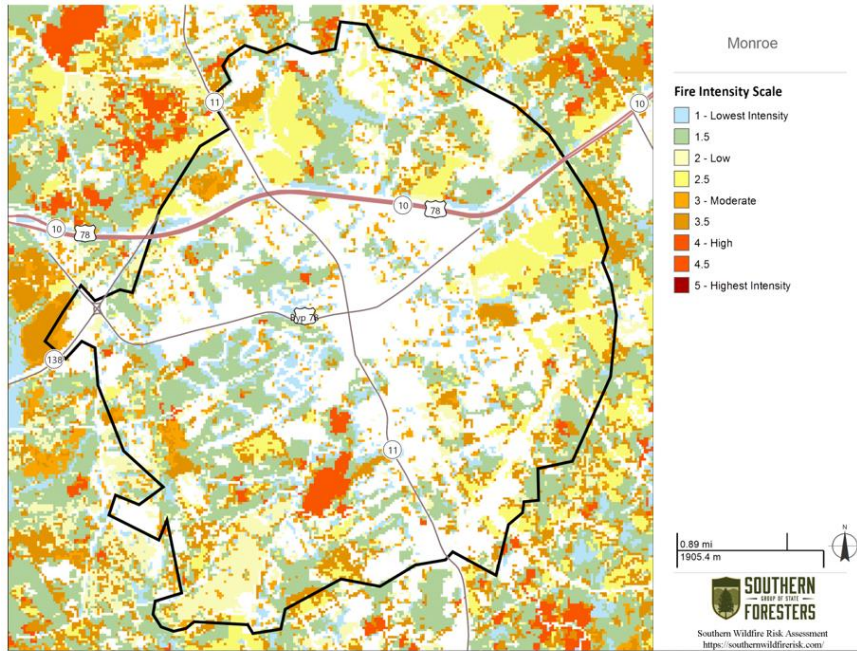


Monroe Burn Probability

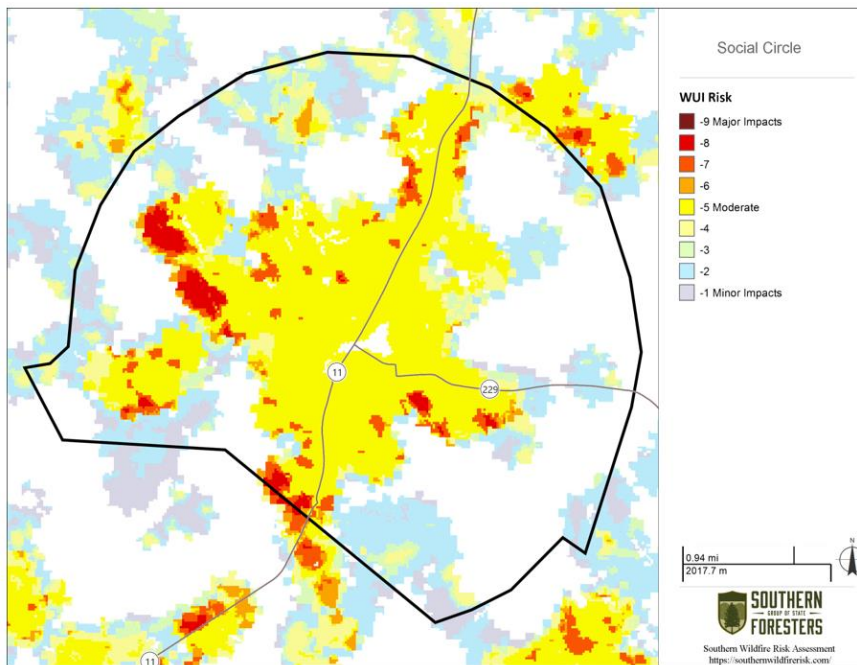


Natural Hazard: **Wildfire**

Monroe Fire Intensity Scale

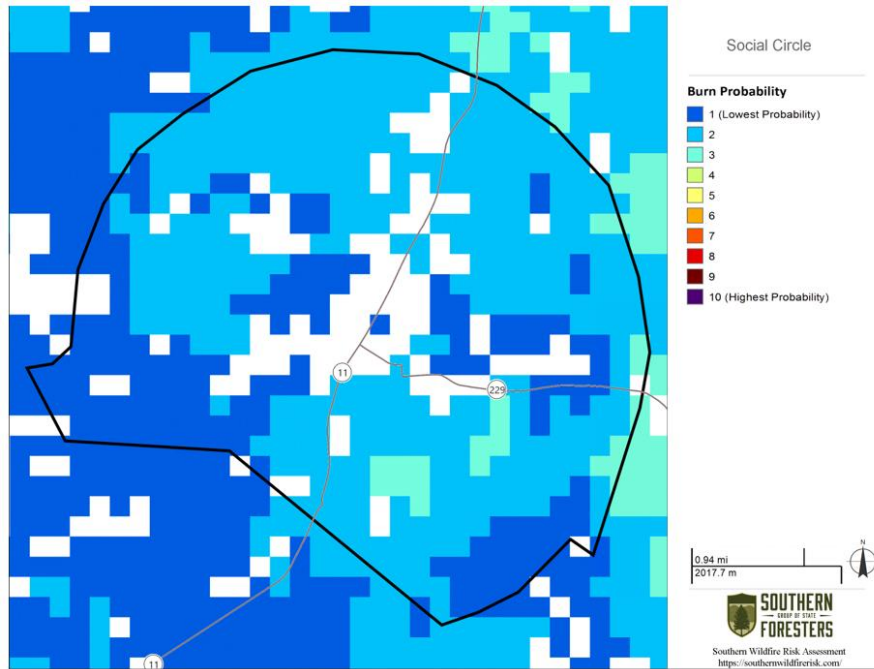


Social Circle WUI Risk

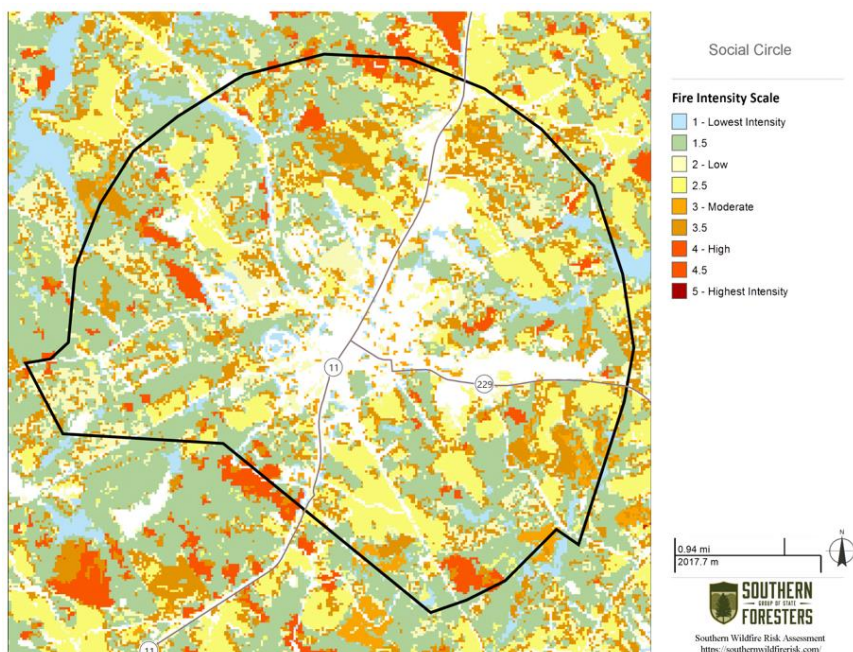


Natural Hazard: **Wildfire**

Social Circle Burn Probability

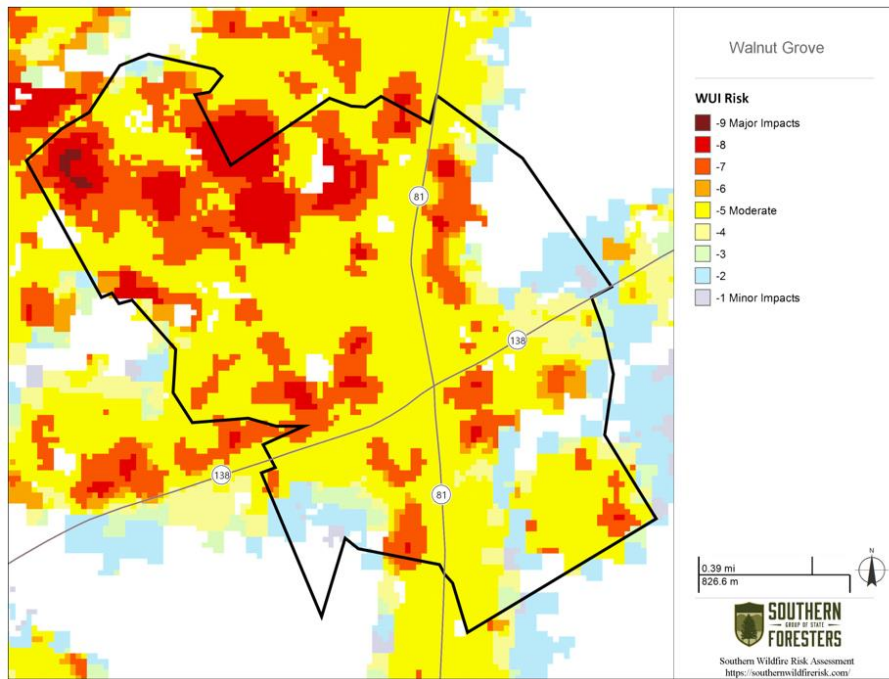


Social Circle Fire Intensity Scale

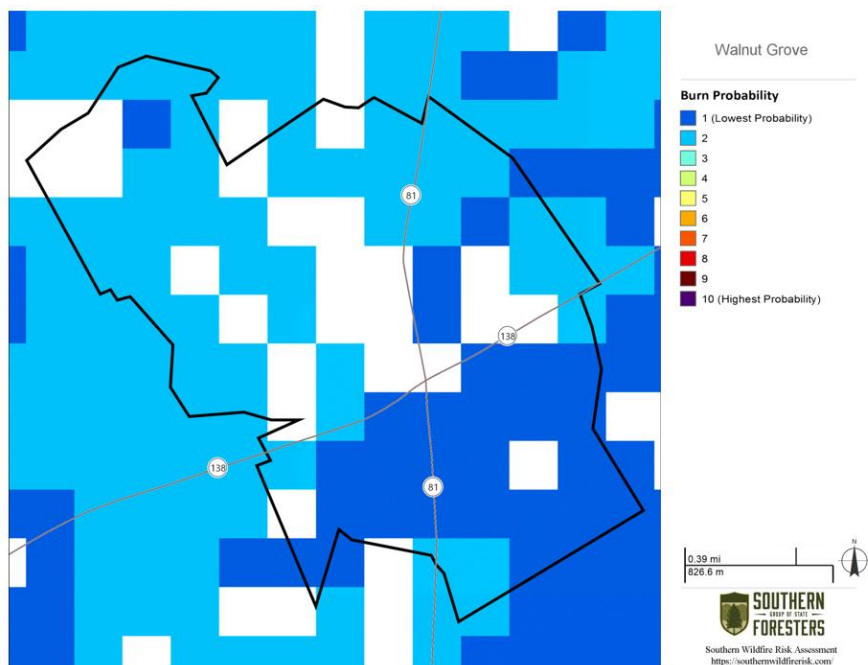


Natural Hazard: **Wildfire**

Walnut Grove WUI Risk

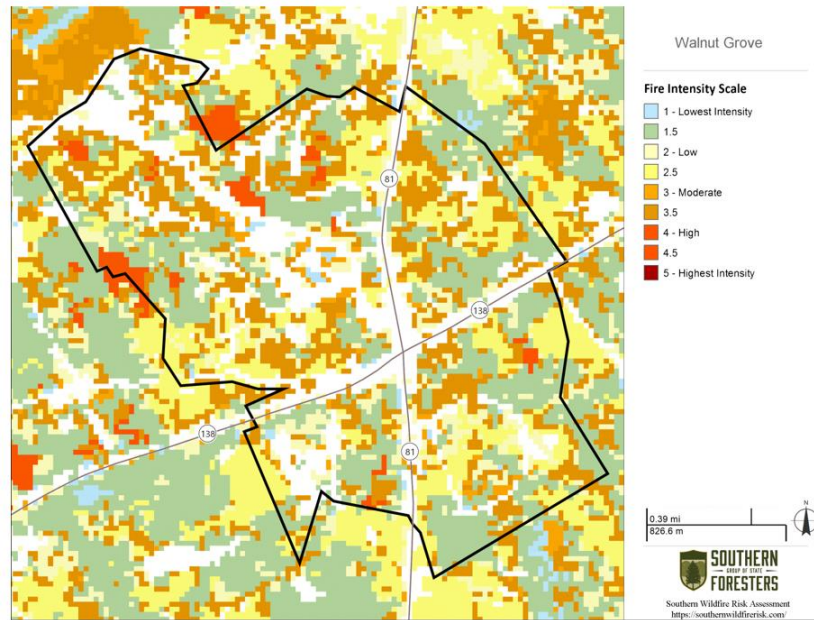


Walnut Grove Burn Probability



Natural Hazard: **Wildfire**

Walnut Grove Fire Intensity Scale



Note: All maps in this section are from the Southern Group of State Foresters Wildfire Risk Assessment Portal

Natural Hazard: Earthquake*Hazard Description*

Earthquakes are generally defined as the sudden motion or trembling of the Earth's surface caused by an abrupt release of slowly accumulated strain. This release typically manifests on the surface as ground shaking, surface faulting, tectonic uplifting and subsidence, or ground failures, and tsunamis. In the United States, earthquake activity east of the Rocky Mountains is relatively low compared to the Western states because it is away from active plate boundaries and the plate interior strain rates are known to be very low.

The physical property of earthquakes which cause most of the damage within the United States is ground shaking. The vibrations from the seismic waves that propagate outward from the epicenter may cause failure in structures not adequately designed to withstand earthquakes. Because the seismic waves have different frequencies of vibration, the waves disseminate differently through sub-surface materials. For example, high frequency compression and shear waves arrive first, whereas lower frequency Rayleigh and love waves arrive later. Not only are the speeds varied between seismic waves, but also the types of movement. The surface vibration may be horizontal, vertical, or a combination of the two, which causes a wider array of structures to collapse.

Another manifestation of earthquakes is surface faulting. This phenomenon is defined as the offset or tearing of the earth's surface by a differential movement across a fault. Structures built across active faults tend to sustain damage regularly. There are no active faults within or near Georgia. Distinct inactive faults are known within the state north of the Columbus to Macon to Augusta fall line and running generally northeast-southwest.

The third earthquake phenomenon that causes damage is tectonic uplift and subsidence. Tectonic uplift can cause shallowing of the harbors and waterways while tectonic subsidence can cause permanent or intermittent inundation. Due to the association of tectonic uplift and subsidence with active faults, Georgia is not at risk to these phenomena.

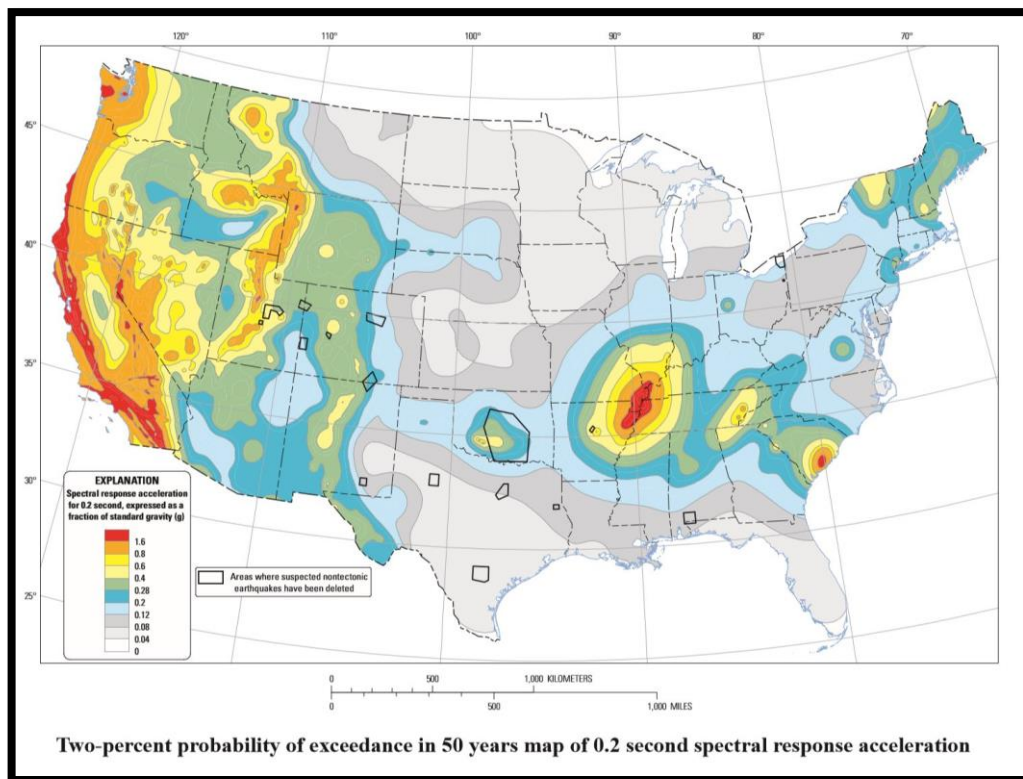
The fourth earthquake damage-causing phenomena are earthquake-induced ground failures, including liquefaction and landslides. During an earthquake, the areas that are rich in sand and silt have groundwater within 30 feet of the surface temporarily behave as viscous fluids during strong ground shaking. Structures built on these materials can settle, topple, or collapse as the ground "liquefies" beneath it. Landslides can also form when earthquake shaking or seismic activity dislodges rock and debris on steep slopes, triggering rock falls, avalanches, and slides.

Natural Hazard: **Earthquake**

Also, unstable, or nearly unstable slopes, consisting of clay soils, may lose shear strength when disturbed by ground shaking and fail, resulting in a landslide. Georgia is at very low risk of seismic induced liquefaction or landslides.

The last of the earthquake-induced phenomena are tsunamis, which are large, gravity-driven waves triggered by the sudden displacement of a large volume of water. The waves produced travel in all directions from the origin at speeds of up to 600 miles per hour. In deep water, tsunamis normally have small wave heights. However, as the waves reach shallower water near land, the wave speed diminishes, and the amplitude drastically increases. Upon impact with a shoreline, the waves can inundate land rapidly, engulfing everything in its path. Successive wave crests follow, typically arriving minutes to hours later, frequently with later arrivals being more dominant. Frequently, the first tsunami waves are downward, causing dramatic exposure of the beach. Because of this, people are often killed trying to collect newly exposed seashells when the positive waves then arrive.

Although large tsunamis are rare in the eastern coast of the US, the possibility of such events occurring anywhere along the Atlantic and Gulf coast exists.



Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: **Earthquake**

Hazard Profile

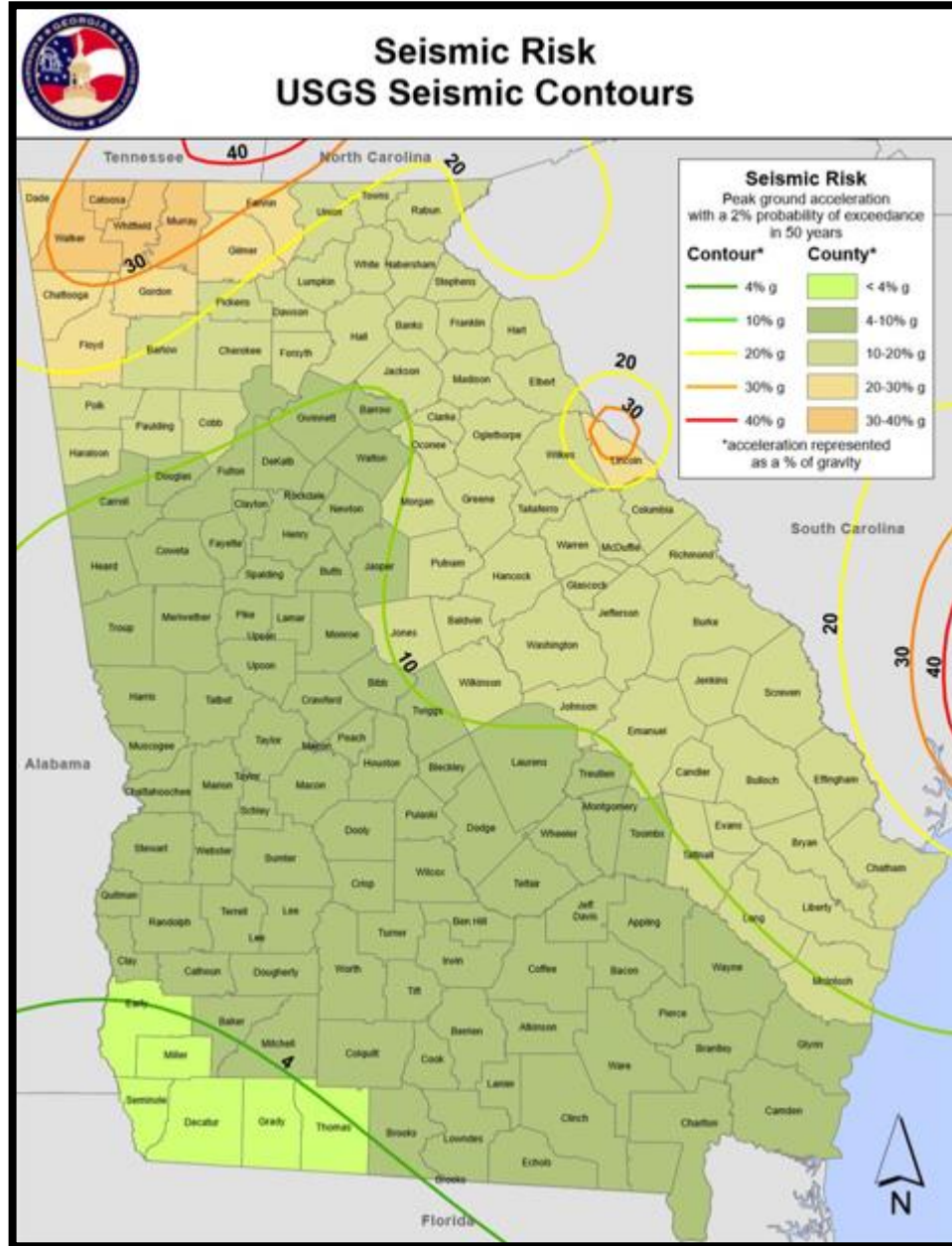
Walton County is not one of the 37 Georgia counties with the highest earthquake risk, according to GEMA and Georgia Tech School of Earth and Atmospheric Sciences. In reviewing data of the last 50 years, no earthquakes have originated from within Walton County. However, earthquakes with a magnitude of 2.0 or greater have occurred as close as 14 km ENE of Madison GA (2019). 14 earthquakes have originated within 50 miles of Monroe, GA in the last 50 years. The strongest earthquake to occur within this radius was a 2.6 that occurred near Eatonton, GA in 2015. This equates to a 28% chance of an earthquake occurring from within 50 miles of Walton County in any given year. Historically, the 1886 Charleston, SC earthquake, estimated to be between 6.6 and 7.3 on the modern Richter Scale, likely caused impacts to Walton County. Although no historical records exist exhibiting any damages, Walton County was estimated to be in a level VI area of the Modified Mercalli Intensity scale for this event. This would indicate strong shaking felt by everyone inside and outside at the time of the event and characterized by broken windows, movement of heavy furniture, and slight to moderate damage for poorly built buildings. Even with this low number of occurrences, it was determined that if earthquakes occur within or close to the jurisdiction of Walton County, significant damage could occur. Therefore, the Walton County HMPC has determined the threat of earthquakes to be higher than the statistics would indicate. All earthquake hazard data included for Walton County is limited to countywide data and is not broken down by jurisdiction.

Instrumental Intensity	Acceleration (%g)	Velocity (cm/s)	Perceived Shaking	Potential Damage
I	< 0.17	< 0.1	Not Felt	None
II-III	0.17 - 1.4	0.1 - 1.1	Weak	None
IV	1.4 - 3.9	1.1 - 3.4	Light	None
V	3.9 - 9.2	3.4 - 8.1	Moderate	Very light
VI	9.2 - 18	8.1 - 16	Strong	Light
VII	18 - 34	16 - 31	Very Strong	Moderate
VIII	34 - 65	31 - 60	Severe	Moderate to Heavy
IX	65 - 124	60 - 116	Violent	Heavy
X+	> 124	> 116	Extreme	Very Heavy

Natural Hazard: **Earthquake**

Assets Exposed to the Hazard

The Walton County HMPC determined that all critical facilities and all public and private property within Walton County are susceptible to the impacts of an earthquake due to the lower building codes with regards to earthquakes when compared to other parts of the country. This includes all municipalities.



Source: 2019-2024 State of Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: **Earthquake**

Estimated Potential Losses

Little information is available regarding damages, in terms of dollars, for earthquake losses in Walton County.

Land Use and Development Trends

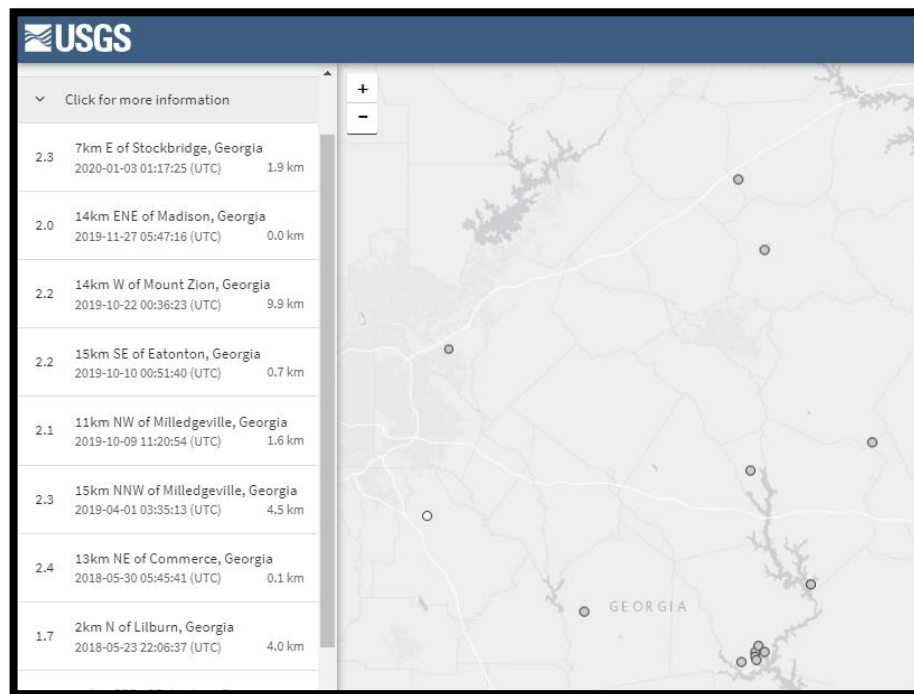
Walton County currently has no land use trends related to Earthquakes.

Multi-Jurisdictional Considerations

All of Walton County, including all municipalities, potentially could be threatened by earthquakes. As such, all earthquake mitigation actions should be pursued on a countywide basis and include all municipalities.

Hazard Summary

Even with the relative infrequency of major earthquake impacts in Walton County, the potential losses and impacts associated with the event would severely damage the infrastructure and economic viability of the County and all municipalities. The mitigation measures identified in this plan should be pursued based on the high impact potential of this hazard and the ability for earthquakes to inflict widespread devastation anywhere in Walton County.



Source: United States Geological Survey (USGS) Earthquake Hazards Program

Natural Hazard: Tropical Cyclone

Hazard Description

The National Weather Service describes tropical cyclones systems in the Atlantic Basin, including the Gulf of Mexico and Caribbean Sea, into four types based on strength.

Tropical Disturbance: A discrete tropical weather system of apparently organized thunderstorms – generally 100 to 300 nautical miles in diameter – originating in the tropics or subtropics, and maintaining its identity for 24 hours or more.

Tropical Depression: An organized system of clouds and thunderstorms with a defined circulation and maximum sustained winds of 38 mph (33 knots) or less.

Tropical Storm: An organized system of strong thunderstorms with a defined circulation and maximum sustained winds of 39 mph to 73 mph (34-63 knots).

Hurricane: An intense tropical weather system with a well-defined circulation, producing maximum sustained winds of 74 mph (64 knots) or greater. Hurricane intensity is classified into five categories using the Saffir-Simpson Hurricane scale. Winds in a hurricane range from 74-95 mph for a Category 1 hurricane to greater than 156 mph for a Category 5 hurricane.

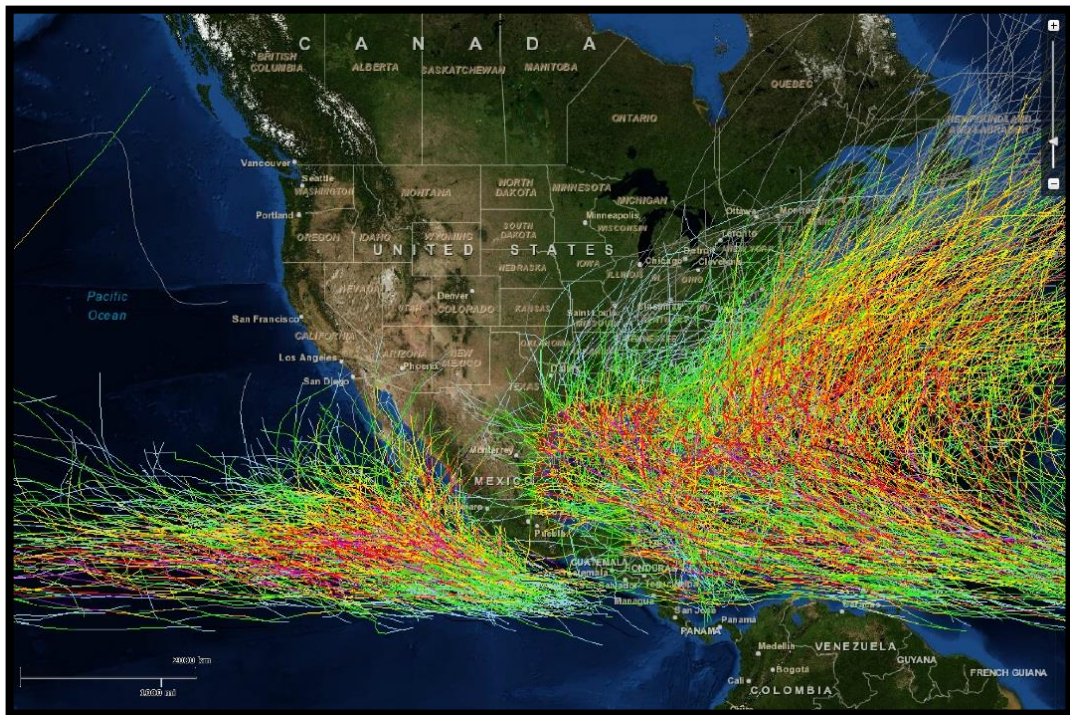
Saffir-Simpson Scale for Hurricane Classification				
Strength	Wind Speed (Kts)	Wind Speed (MPH)	Pressure (Millibars)	Pressure
Category 1	64- 82 kts	74- 95 mph	>980 mb	28.94 "Hg
Category 2	83- 95 kts	96-110 mph	965-979 mb	28.50-28.91 "Hg
Category 3	96-113 kts	111-130 mph	945-964 mb	27.91-28.47 "Hg
Category 4	114-135 kts	131-155 mph	920-944 mb	27.17-27.88 "Hg
Category 5	>135 kts	>155 mph	919 mb	27.16 "Hg
Tropical Cyclone Classification				
Tropical Depression		20-34kts		
Tropical Storm		35-63kts		
Hurricane		64+kts or 74+mph		

Natural Hazard: Tropical Cyclone

Tropical cyclones can cause catastrophic damage to coastlines and areas several hundred miles inland. Tropical cyclones can produce sustained high winds and spawn tornadoes and microbursts. Additionally, tropical cyclones can create storm surges along the coast and cause extensive damage from heavy rainfall. Floods and flying debris from the excessive winds are often the deadly and destructive results of these weather events.

Slow moving tropical cyclones traveling into mountainous regions tend to produce especially heavy rain. Excessive rain can trigger landslides or mudslides. Flash flooding can also occur due to intense rainfall.

Each of these hazards present unique characteristics and challenges; therefore, the following have been separated and analyzed as individual hazards: Tropical cyclones, Thunderstorms, Tornadoes, and Flooding. This section will focus on the direct effects of tropical cyclones.



Natural Hazard: Tropical Cyclone

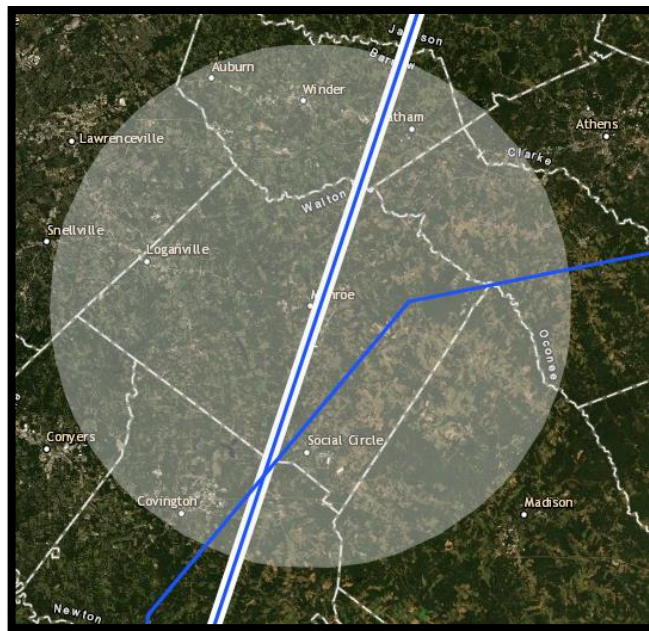
Hazard Profile

Tropical cyclones have directly impacted Walton County on an infrequent basis over the last 50 years. However, the possibility of a hurricane or tropical storm retaining their wind strength as far inland as Walton County is possible. There have been 15 documented impacts from Tropical Cyclones in Walton County. This equates to a 30% chance of a tropical cyclone impacting Walton County in any given year. The Walton County Hazard Mitigation Update Committee believes this percentage is more representative of the potential impact.

Two tropical cyclones – Tropical Storm Beryl in 1994 and Tropical Storm Jerry in 1995 – have had a track that directly dissected Walton County in the last 50 years. All tropical cyclone hazard data included for Walton County is limited to countywide data and is not broken down by jurisdiction.

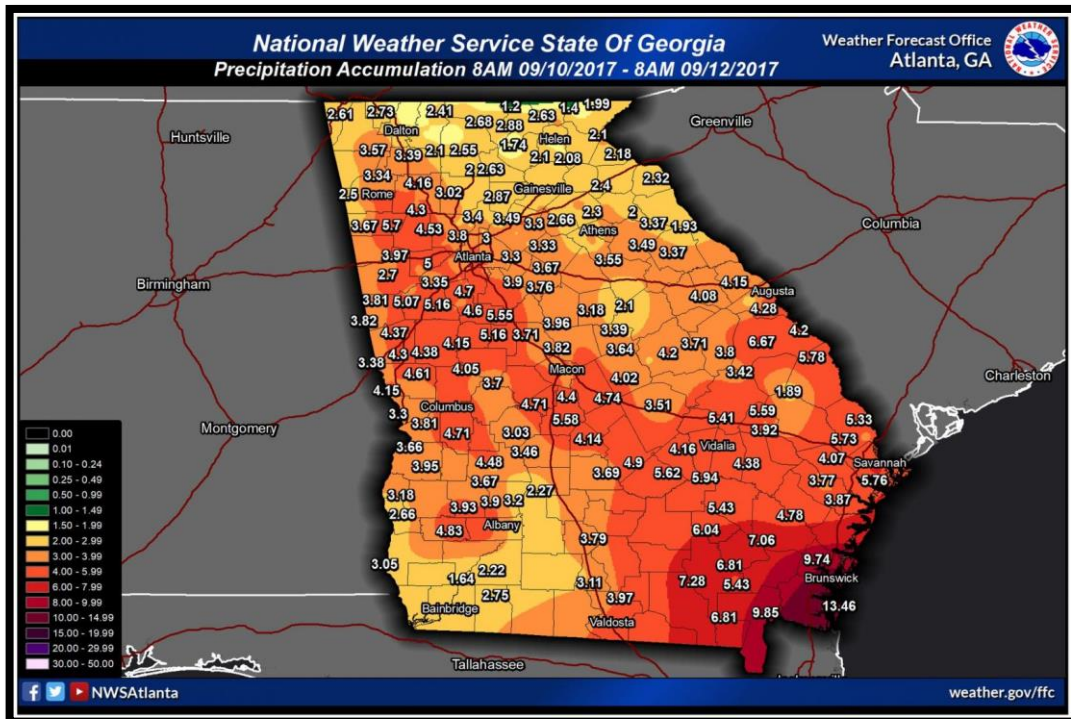
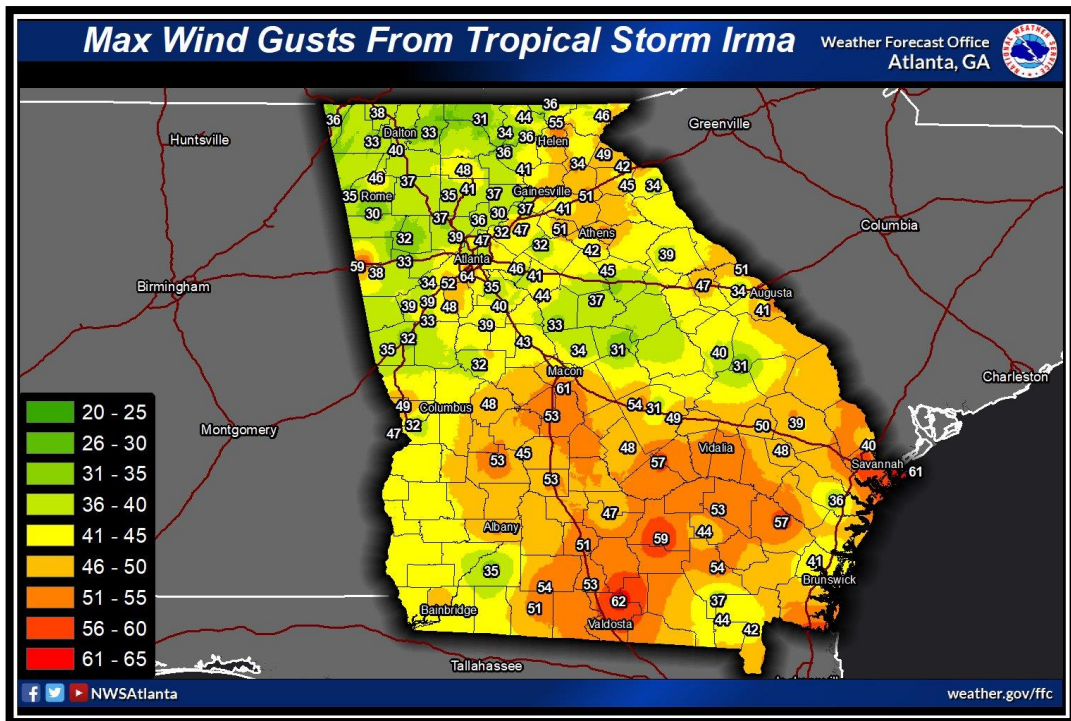
Even with the infrequent occurrences, the impacts that would result from hurricane or tropical storm forces on the citizens, infrastructure, and critical facilities of Walton County could be potentially catastrophic in nature.

Walton County has seen significant impacts from Tropical Cyclones in the past. Recently, Hurricane Irma (2017) impacted Walton County. This storm produced wind gusts over 40 mph in Monroe and both storms dropped around 3.5 inches of rain in Walton County.

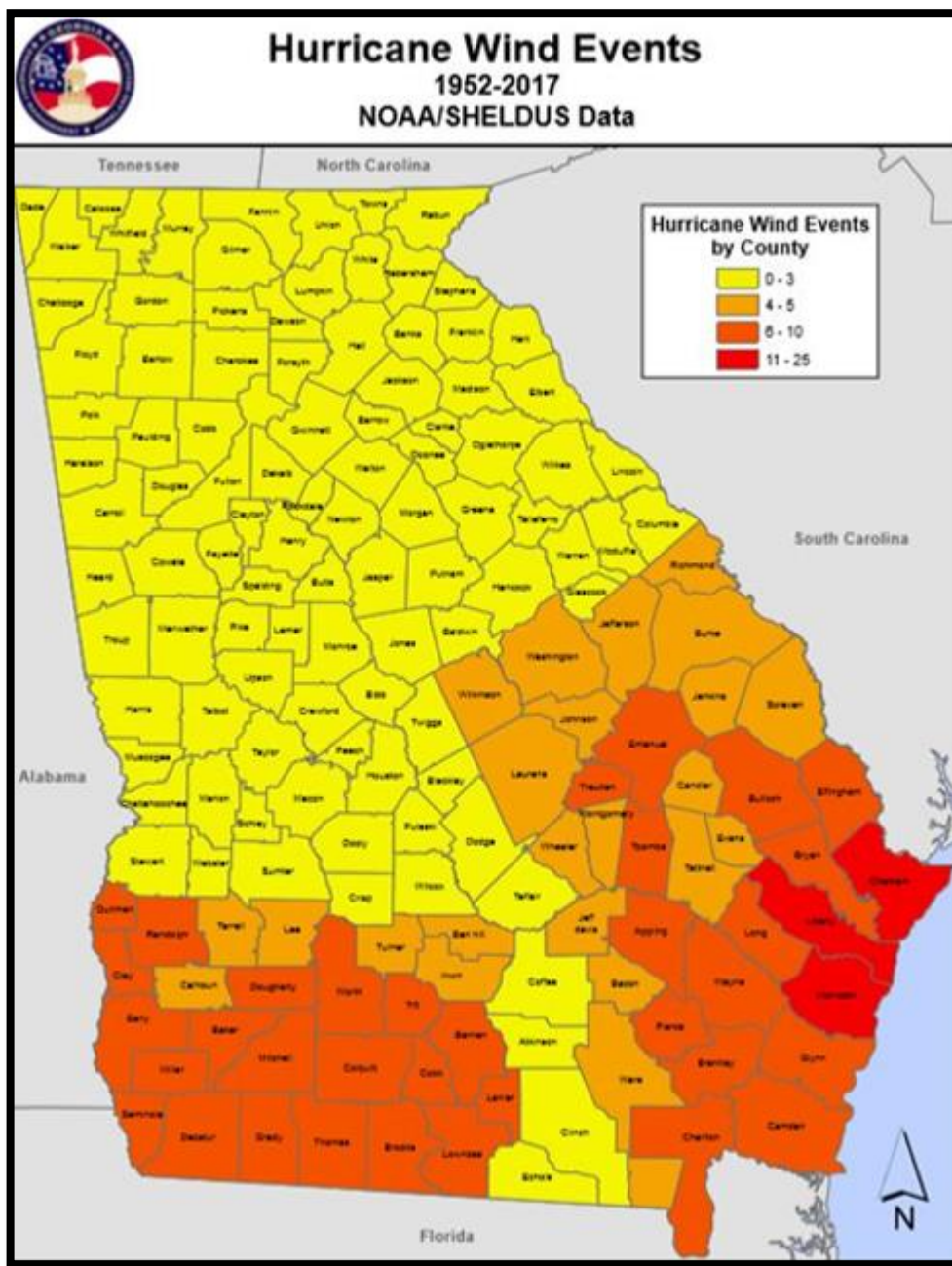


Source: Office of Coastal Management (NOAA)

Natural Hazard: Tropical Cyclone



Natural Hazard: Tropical Cyclone



Source: 2019-2024 Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: Tropical Cyclone

Assets Exposed to the Hazard

The Walton County HMPC determined that all critical facilities and all public and private property within Walton County are susceptible to the direct and indirect impacts of a tropical cyclone. This includes all municipalities.



Source: 2019-2024 Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: **Tropical Cyclone**

Estimated Potential Losses

Little information is available regarding damages, in terms of dollars, is available for tropical cyclone losses in Walton County. Most losses for these events have been labeled under other impacts, such as tornadoes and flooding. However, the 2019 Walton County HAZUS Report projected a loss ratio of 0.06% and a total loss of \$4.7 million (39 buildings) for a 100-year (1% annual risk) Tropical Cyclone Event. A 100-year (1% annual risk) Tropical Cyclone event in Walton County includes winds up to 69 mph, which is a strong Tropical Storm.

Land Use and Development Trends

Walton County currently has no land use trends related to Tropical Cyclones beyond continued population growth. Due to past tropical cyclone events many land use planning ordinances have been put in place to minimize impacts where possible.

Multi-Jurisdictional Considerations

All of Walton County, including all municipalities, could potentially be threatened by tropical cyclones. As such, all tropical cyclone mitigation actions should be pursued on a countywide basis and include all municipalities.

Hazard Summary

Even with the relative infrequency of tropical cyclone impacts in Walton County in the recent past, the potential losses and impacts associated with the event would severely damage the infrastructure and economic viability of Walton County and all municipalities. Walton County's proximity to the Atlantic coast increases the likelihood of a tropical cyclone impacting the area. The mitigation measures identified in this plan for tropical cyclones should be pursued based on the high impact potential of this hazard and the ability for tropical cyclones to inflict widespread devastation anywhere in Walton County. Walton County has had five Federally Declared Disaster related to Tropical Cyclones, most recently in 2017 (Hurricane Irma).

Natural Hazard: **Extreme Temperatures**

Hazard Description

Extreme temperatures – both hot and cold – can pose a significant threat to an underprepared population. This is particularly true in areas where a population has a large elderly population, a large population of small children, and a population with lower socioeconomic status.

The term extreme heat can be subjective to a degree. FEMA, in their “Mitigation Ideas” publication defines extreme heat as “the condition where temperatures consistently stay ten degrees or more above a region’s average high temperature for an extended period.” The key to this definition is, extreme heat is relative to the average temperature, regardless of the time of year. For example, the National Center for Environmental Information (NCEI) records heat events in Georgia with 60- and 70-degree temperatures in December and January, simply because they are significantly higher than the average temperature for that time of year. According to www.ready.gov/heat, FEMA also offers another definition of extreme heat: “In most of the United States, extreme heat is defined as a long period (2 to 3 days) of high heat and humidity with temperatures above 90 degrees.” This definition can also lead to some subjectivity in the term “extreme.” For example, people that live in the southern parts of the country are more adapted to temperatures in the 90s and 100s than people that live in the more northern tiers. This is not to say those temperatures are not still dangerous. Notably, in recent years, more heat related deaths have occurred in the southern tier states than the northern tiers. The National Weather Service, however, focuses on “Excessive Heat,” defining it as heat indices of 105 degrees or more using a combination of temperature and humidity as a “real feel.”

Just as extreme heat can be subjective, so can extreme cold. Just as the National Weather Service utilizes heat index to attempt to quantify extreme heat, wind chill is often utilized to quantify extreme cold. Prolonged and/or unprotected exposure to extreme cold can be detrimental to people and animals. Additionally, it can be detrimental to exposed infrastructure, as well.

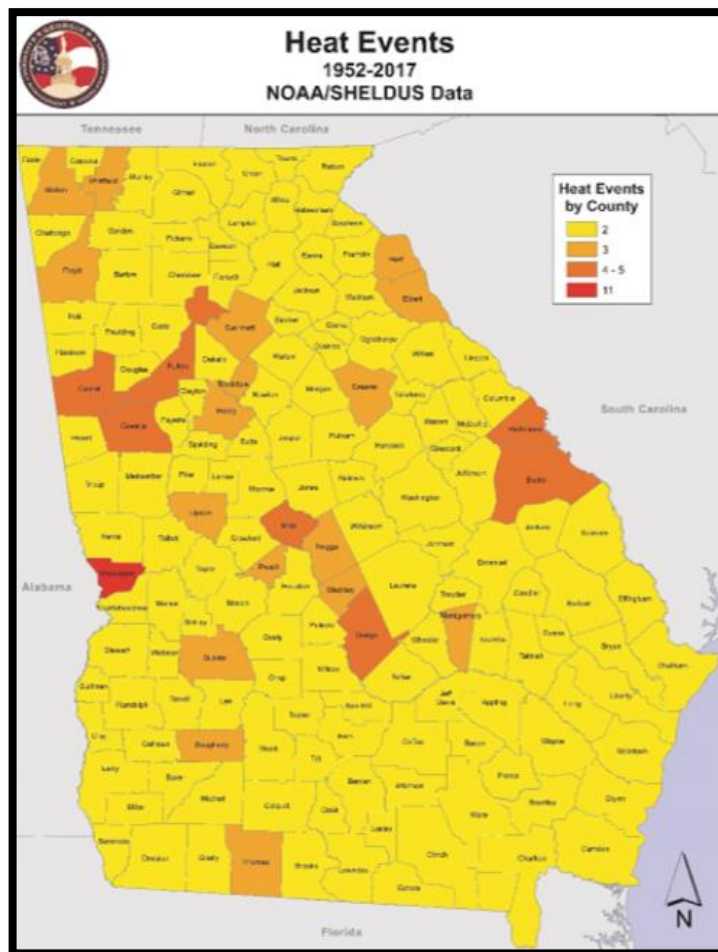
Hazard Profile

According to the National Climactic Data Center, Walton County have been exposed to extreme cold/wind chill and excessive heat events on 22 occasions since 1996. This means that Walton County has had 1.1 extreme temperature events per year since 1996. This included 10 extreme cold events and 12 excessive heat events. This averages out to an extreme cold event every 2.4 years (42% annual chance) and an excessive heat event every 2 years (50% annual chance).

Natural Hazard: Extreme Temperatures

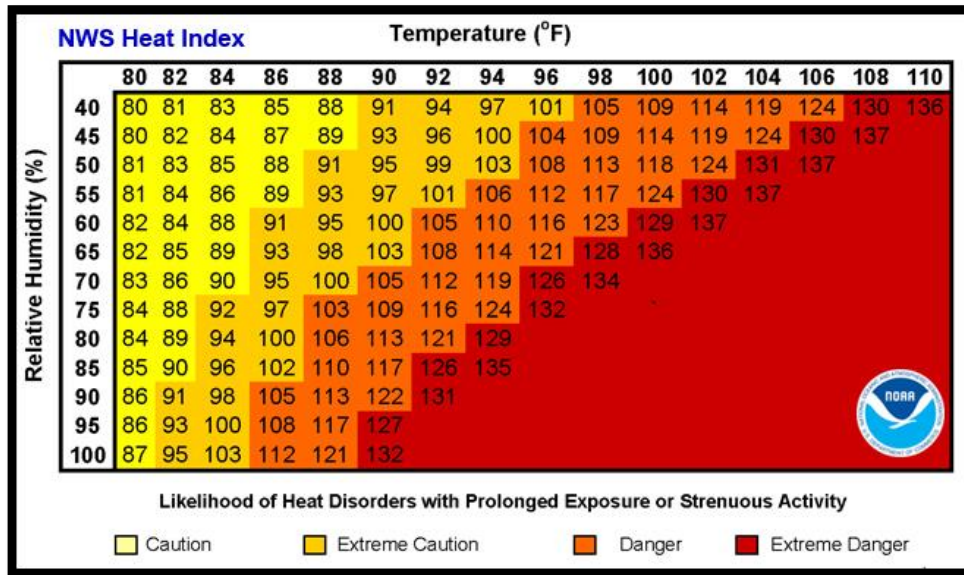
In August of 2007, Atlanta had 8 days that cleared 100 degrees and set eight maximum temperature records during the month. On August 22nd, temperatures reached 104 degrees, which set a record for the month of August. The temperature on August 10th was recorded at 105 degrees. The all-time high for Atlanta was set on June 30, 2012 as temperatures reached 106 degrees.

Walton County has also been exposed to many extreme cold events. Due to its lower latitude and position within Georgia, Walton County is able to avoid much of the extreme cold temperatures that sometimes plague the mountainous regions of northeast Georgia. However, Walton's location and lack of widespread exposure to such events increases the impact those events could have if they were to occur. In 2014, an arctic front sent temperatures into the single digits across north Georgia, including Walton County. This event was accompanied by high winds, which pushed wind chills to -10 degrees in the early morning hours.

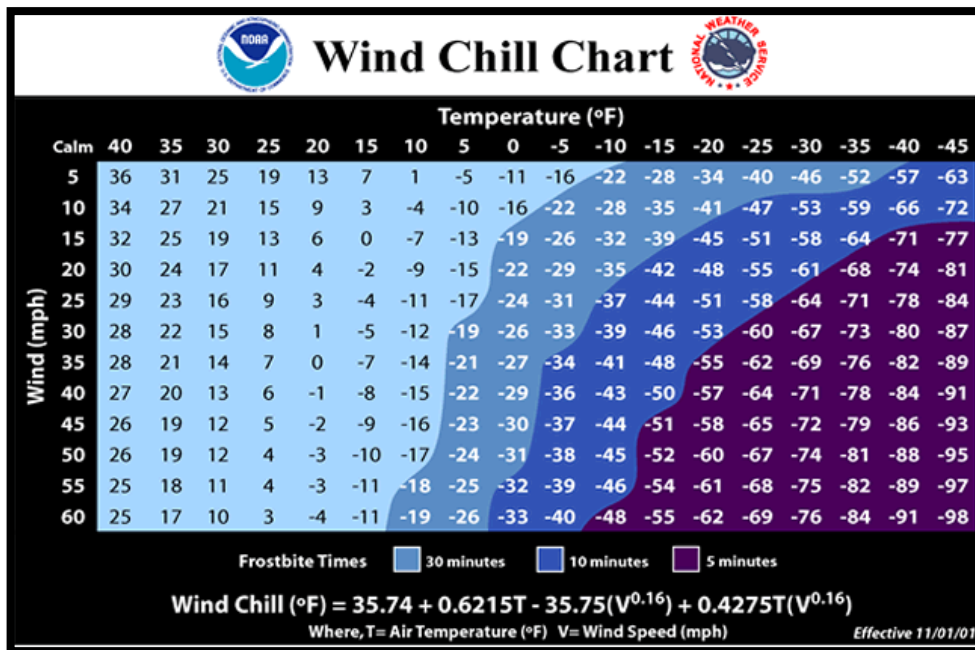


Source: 2019-2024 Georgia Hazard Mitigation Strategy and Enhanced Plan

Natural Hazard: Extreme Temperatures



Source: 2019-2024 Georgia Hazard Mitigation Strategy and Enhanced Plan



Source: National Weather Service

Natural Hazard: **Extreme Temperatures**

Assets Exposed to the Hazard

The Walton County HMPC determined that all critical facilities and all public and private property within Walton County are susceptible to the direct and indirect impacts of an extreme temperature event.

Estimated Potential Losses

Little information is available regarding damages, in terms of dollars, is available for excessive temperature losses in Walton County. Most losses for these events have been labeled under other impacts, such as drought and severe winter storms.

Land Use and Development Trends

Walton County currently has no land use trends related to extreme temperatures beyond increased population growth.

Multi-Jurisdictional Considerations

All of Walton County, could potentially be threatened by extreme temperatures. As such, all extreme temperature mitigation actions should be pursued on a countywide basis.

Hazard Summary

Incidents of extreme temperatures – both hot and cold – pose a significant threat to the citizens of Walton County. Walton County’s geographical location increases the likelihood of extreme temperature events with extreme heat events generally considered to be more likely. However, the lack of direct preparation for extreme cold events could lead to greater direct impacts.

Technological Hazard: Hazardous Material Incident*Hazard Description*

Hazardous materials, or hazmat, refers to any materials that may pose a real hazard to human health and/or the environment because of its quantity, concentration, and/or physical or chemical characteristics. Hazardous materials include explosives, flammables, combustibles, oxidizers, toxic materials, radioactive substances, and corrosives. Specific federal and state regulations exist regarding the transport and storage of hazardous materials.

A hazardous materials spill or release occurs when a hazardous material gets into the environment in an uncontrolled fashion. Response to a hazmat spill or release depends greatly on the type of material involved and the subsequent physical and chemical characteristics. Major sources of hazardous materials spills include transportation accidents on roadways and railways, pipeline breaches, and spills into rivers and creeks. Jurisdictions with facilities that produce, process, or store hazardous materials are at risk, as are facilities that treat or dispose of hazardous materials.

Hazard Profile

Data from the United States Coast Guard National Response Center was reviewed regarding hazardous materials spill history in Walton County. Data is available from 1990 to 2019 and all available data was reviewed. There were 37 NRC reported hazardous materials spills or releases in Walton County over a 29-year period. It is anticipated that many more hazardous materials incidents have occurred over the last 29 years but have not been reported. According to the NRC data, Walton County averages 1.3 hazardous materials incidents of a reportable amount every year. The greatest threat for a hazardous materials spill comes from the transportation of materials through Walton County. This is particularly true for the US Highway 78 and 278 corridors that run through the center of the county.

Hazardous materials releases can also be the result of railway or fixed facility incidents. Fixed facilities continue to be an increasing concern due to Walton County's growing industrial footprint.

Of particular concern to the Walton County Hazard Mitigation Committee is the exposure of water sources to potential hazardous materials incidents. A spill affecting water sources could have significant impacts on Walton County.

Technological Hazard: **Hazardous Material Incident**

Assets Exposed to Hazard

The environment is particularly vulnerable to the threat posed by hazardous materials. Waterways are at a high risk for contamination from hazardous materials. Water contamination is of particular concern to the Walton County HMPC. Public and private property located near fixed hazardous materials facilities are also a greater risk than the general population of Walton County.

Estimated Potential Losses

Estimation of potential losses is difficult regarding hazardous materials due to the vast array of potential types of hazardous materials that could be involved in the incident and unknown costs regarding environmental damages. No recorded information was found regarding the losses associated with hazardous materials incidents in Walton County. However, a hazardous materials release, whether in transport or at a fixed facility, would incur significant costs regarding emergency response, potential road closures, evacuations, watershed protection measures, expended man-hours, and cleanup materials, equipment, and personnel.

Land Use and Development Trends

Walton County currently has no land use trends related to Hazardous Materials beyond continued population growth – particularly in and around the Cities of Monroe and Loganville and in areas in northwest Walton County near the Gwinnett County line.

Multi-Jurisdictional Considerations

All of Walton County, including all municipalities, are vulnerable to both fixed facility and transportation-related hazardous materials releases. However, areas along the US Highway 78 and 278 corridors, including the Cities of Monroe and Loganville and the Town of Between, are at the greatest risk.

Hazard Summary

Hazardous materials incidents pose a significant threat to the citizens, infrastructure, and critical facilities of Walton County. Unknown quantities of hazardous materials are transported daily through Walton County and all municipalities. These materials are transported via highways, with US Highway 78 being of greatest concern. Water contamination as a result of a hazardous materials spill is of significant concern to the Walton County HMPC. As a result of the threat posed by hazardous materials, the Walton County HMPC has identified mitigation actions directly related to this threat.

Technological Hazard: Dam Failure*Hazard Description*

Georgia law defines a dam as any artificial barrier, which impounds or diverts water, is 25 feet or more in height from the natural bed of a stream or has an impounding capacity at maximum water storage evaluation of 100 acre-feet or more. Dams are generally constructed to provide a ready supply of water for drinking, irrigation, recreation, and other purposes. Dams can be constructed from earth, rock, masonry, concrete or any combination of these materials.

Dam failure is a term used to describe a significant breach of a dam and the subsequent loss of contained water. Dam failure can cause significant damages downstream to structures, roads, utilities, and crops. Dam failure can also put human and animal lives at risk. National statistics indicate that one-third of all dam failures in the United States are caused by overtopping due to inadequate spillway design, debris blocking spillways, or settlement of the dam crest. Another third of all US dam failures are the result of foundation defects, including settlement and slope instability.

Hazard Profile

There are 3 category I and 28 category II dams located within Walton County. Category I dams are those that would pose a possible threat to human life if a failure were to occur. All category I dams must be inspected annually according to Georgia's Safe Dams Act.

The threat of a dam failure in Walton County could potentially lead to downstream flooding. This downstream flooding would have many of the same hazards as a flood event, but with the onset of such an event being much quicker than in a typical flood event.

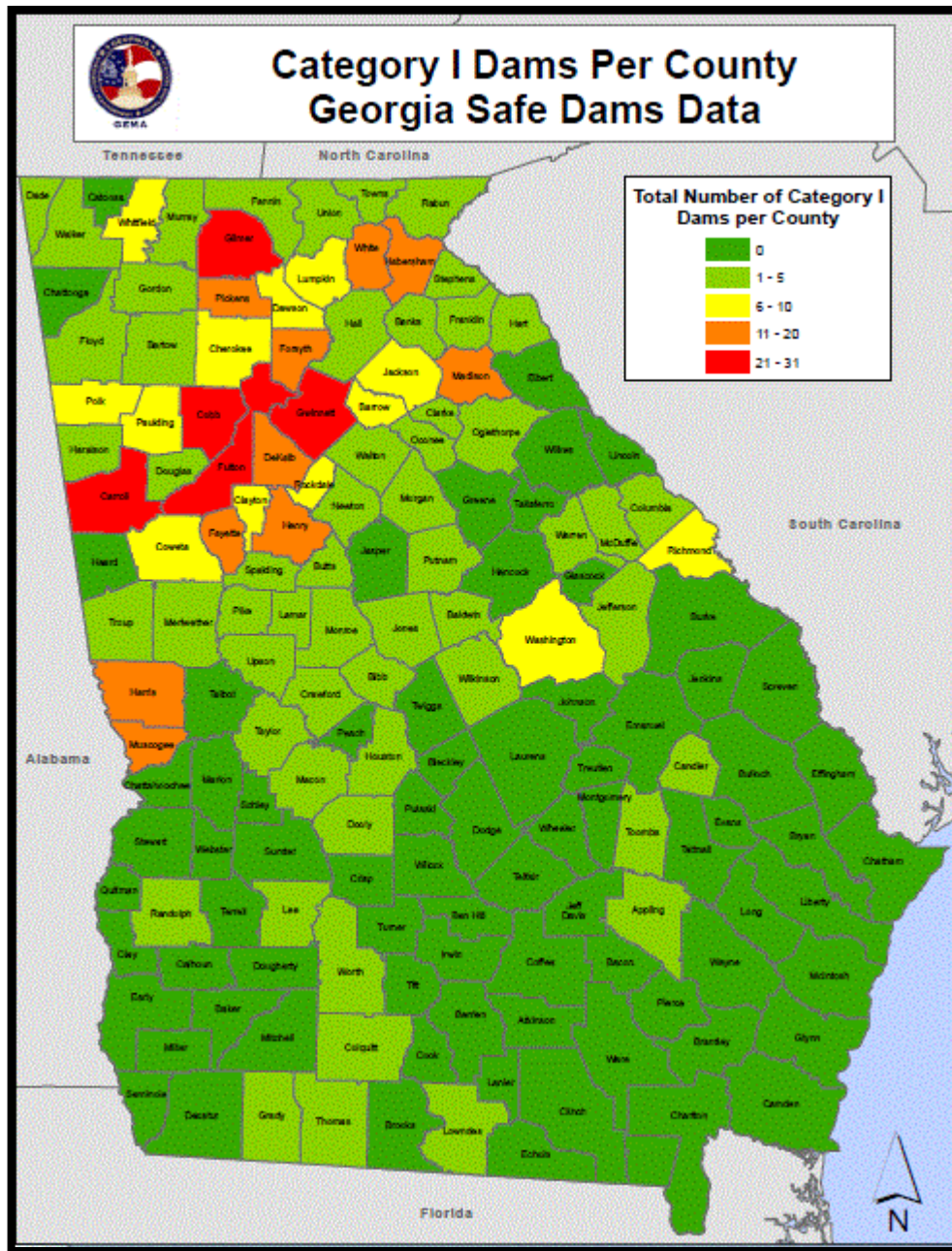
Assets Exposed to Hazard

To evaluate the assets that would potentially be impacted by a dam failure, the Walton County HMPC attempted to identify known structures within, or close to, the 100-year floodplain. All municipalities could be exposed to the hazards of other dams or face secondary hazards from the category I dams.

Estimated Potential Losses

Loss estimations are not applicable since it is not known which dam will fail and how significant of failure will occur.

Technological Hazard: **Dam Failure**



Source: 2014 State of Georgia Hazard Mitigation Strategy (most up-to-date version)

Technological Hazard: Dam Failure*Land Use and Development Trends*

Walton County participates in the National Flood Insurance Program (NFIP) and follows the program's guidelines to ensure future development is carried out in the best interests of the public. The County (CID No. 130185B) first entered the NFIP on February 16, 1990. According to the NFIP guidelines, the County has executed a Flood Damage Prevention Ordinance. This ordinance attempts to minimize the loss of human life and health as well as minimize public and private property losses due to flooding. The ordinance requires any potential flood damage be evaluated at the time of initial construction and that certain uses be restricted or prohibited based on this evaluation. The ordinance also requires that potential homebuyers be notified that a property is located in a flood area. In addition, all construction must adhere to the Georgia State Minimum Standard Codes and the International Building Codes. Currently, the Walton County municipalities of Between, Good Hope, Loganville, Monroe, Social Circle, and Walnut Grove also participate in NFIP through the application of appropriate NFIP-compliant ordinances and regulations. There are no 1% (100-year) flood plain areas in the Town of Jersey.

Multi-Jurisdictional Considerations

During a dam failure event, many portions of Walton County would potentially be impacted by flooding. However, the area's most prone to flooding have historically been those areas located within the 100-year floodplain and downstream from dams.

Hazard Summary

Dam failure poses a threat to Walton County and its citizens, infrastructure, and critical facilities. A dam failure could prove catastrophic for areas downstream of the dam, particularly if the failure were to occur at any of the 3 Category I or 28 Category II dams located in Walton County. As a result, mitigation efforts for dam failure should be focused in this potentially affected area.

Technological Hazard: Transportation Incident*Hazard Description*

There are many secondary hazards that could be associated with transportation incidents. Injuries or deaths can occur as a result of the impact of a transportation accident, by a hazardous materials release as a result of a transportation incident, or by other related transportation hazards. Transportation can occur via roadways, highways, interstates, railways, air or navigable waterways. Each transportation type poses their own unique hazard issues and consequences.

Roadway hazards are most likely to be caused by a motor vehicle accident involving one or more cars, trucks, vans, or transport vehicles. These incidents can have injuries as a result of the impact of the MVA or a hazardous materials release into the local environment, including waterways. Railway incidents pose many of the same dangers as motor vehicle accidents. However, the threat of a hazardous materials release is greatly increased when railway transportation incidents are considered.

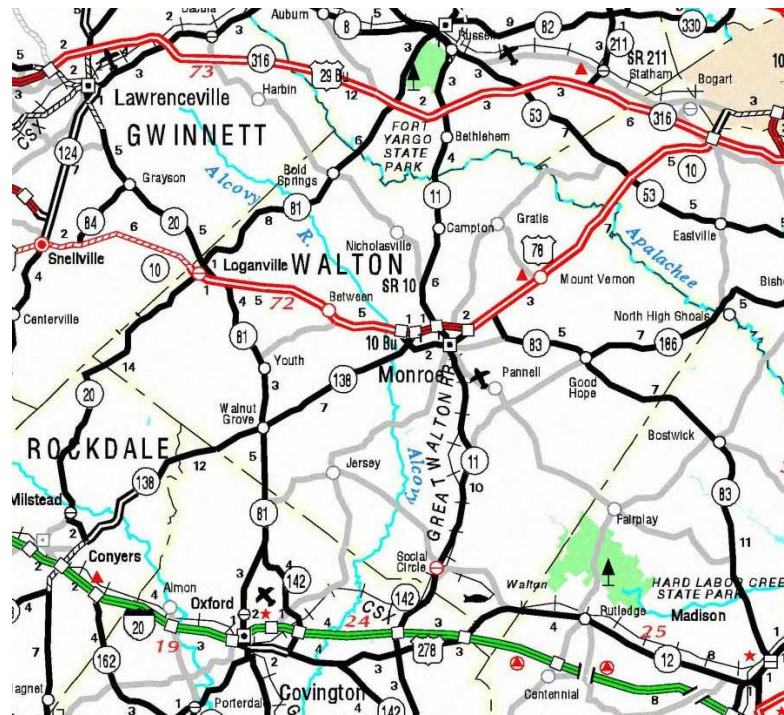
Air accidents can include commercial airplanes, private airplanes, hot air balloons, helicopters, or other forms of air travel. Each of these incidents can cause a significant threat to human life as well as posing a hazardous material threat due to the cargo being transported or the fuel being used. Navigable waterway incidents can create formidable incidents for response organizations. Because of the waterway, technical expertise is needed to carry out rescue operations, especially in swift-moving waterways. Also, any incident in a waterway is likely to have environmental impacts.

Hazard Profile

Transportation incidents are of a significant concern in Walton County. Passing through Walton County are Interstate 20, US Highways 78 and 278, and Georgia Highways 10, 11, 12, 20, 81, 83, 138, and 186. Monroe-Walton County Airport located one mile southeast of downtown Monroe, services Walton County with one asphalt runway. There are no navigable waterways in Walton County.

Assets Exposed to Hazard

All assets and critical facilities located along or near any transportation route could potentially be impacted by a transportation incident. Areas within Walton County that are not located along or near a transportation route could still face residual impacts.

Technological Hazard: Transportation Incident*Estimated Potential Losses*

Estimated potential losses cannot be anticipated with this event due to the vast number of differing scenarios regarding transportation incidents.

Land Use and Development Trends

Walton County currently has no land use trends related to Transportation Incidents beyond an increase in overall population which, in turn, increases the likelihood and potential impact of a transportation incident. The primary areas of growth have been in and around the City of Americus.

Multi-Jurisdictional Considerations

Walton County as well as all municipalities could potentially be impacted by a transportation incident. However, areas along US Highway 19 are the greatest at risk, including the City of Americus.

Hazard Summary

The Walton County HMPC has determined that transportation incidents pose a high risk to their jurisdictions due to the unpredictable nature and likelihood of the incident. As a result, the Walton County HMPC has developed mitigation strategies and actions with transportation incidents in mind.

Technological Hazard: Terrorism*Hazard Description*

The Federal Bureau of Investigation (FBI) defines terrorism as violent acts or acts dangerous to human life that violate federal or state law, appear to be intended to intimidate or coerce a civilian population, affect the conduct of a government by mass destruction, assassination or kidnapping, and is calculated to influence or affect the conduct of a government by intimidation or retaliate against government conduct. Terrorism is usually referenced as being premeditated and politically motivated.

Terrorist acts are, by their very nature, designed and carried out with the intention of inflicting mass casualties and extensive property damage. When an act of terrorism is carried out in a jurisdiction, it will likely be necessary to implement multiple aspects of the emergency management system and summon additional resources from local, state, and federal partners.

Terrorism is generally divided into two types: domestic terrorism and international terrorism. Domestic terrorism is defined as terroristic acts focused on facilities and populations without foreign direction. International terrorism involves activities that are foreign-based and/or sponsored by organizations outside of the United States.

Terrorists often use threats to create fear among the public, to convince citizens that government is powerless to prevent terrorism and to get immediate publicity for their causes. Weapons of Mass Destruction (WMDs), including incendiary, explosive, chemical, biological, radiological and nuclear agents, have the capability to cause death or serious bodily injury to a significant number of people, thus posing the threat of a catastrophic incident. Terrorism can also include arson, agro-terrorism, armed attack, intentional hazardous materials release, water or food contamination, and attacks on infrastructure and electronic information systems.

Hazard Profile

Terrorism targets have historically been facilities that make a large economic or social impact on the targeted government or jurisdiction. In Walton County, all critical facilities could be seen as potential targets. Terrorism includes a multitude of potential approaches, including agro-terrorism, which is terrorism targeted toward agriculture. Due to the high economic impact (over \$25 million in annual agriculture-related sales) of agriculture in Walton County, agro-terrorism could be of particular concern.

Technological Hazard: **Terrorism**

While active shooter situations are not always classified as terrorism, for this plan, the Walton County HMPC has chosen to classify them as such. Active shooter situations can occur in any location, including businesses, schools, government buildings, and public spaces. Schools are seen as particularly vulnerable to these types of situations due to the high publicity of recent active shooter events. While active shooter events and other acts of terrorism occur worldwide, they have low probability for Walton County but would have devastating impacts if they were to occur. To help mitigate some of these impacts, Walton County has exercised an active shooter response in the past to better prepare for any such event.

Civil unrest is another particular act that is of concern to the Walton County Hazard Mitigation Planning Committee. While not generally associated with terrorism, this hazard is encompassed here due to the high economic and social impact civil unrest could have on Walton County.

Assets Exposed to the Hazard

Due to the unpredictable nature of terrorism, all public and private structures are threatened by the terrorism hazard. This includes all critical facilities.

Estimated Potential Losses

Losses due to terrorism are difficult to estimate due to the unpredictable nature of terrorism. The type of terrorist act carried out, location of the act, and the impact of the act would all affect the potential losses. Please see the critical facilities information for estimated potential losses for each critical facility.

Land Use and Development Trends

Walton County currently has no land use trends related to Terrorism.

Multi-Jurisdictional Considerations

All of Walton County, including all municipalities, are vulnerable to potential acts of terrorism. However, critical facilities and their surrounding areas are considered to be at the greatest risk.

Hazard Summary

Terrorism, while a low-probability hazard, would have devastating effects on Walton County and all municipalities. These impacts would be immediate and long-lasting and could be potentially economically crippling.

Technological Hazard: Critical Infrastructure Failure*Hazard Description*

Infrastructures, such as utilities and communication infrastructures, are particularly vulnerable to both natural and manmade hazards. While a communications or utility failure would most likely be a secondary hazard of one of the other hazards identified in this plan, an infrastructure failure could be a solo incident itself.

A lack of communication with outside sources or a long-duration lack of utility service could lead to public panic, poor emergency response capabilities, and other domino hazards. These events pose a significant threat to many jurisdictions.

Hazard Profile

In case of any failure of a utility or communication infrastructure, general difficulties would be exacerbated for both emergency responders and for the general public. The reliance on wireless communications, particularly for the public safety sector, increases the vulnerability of Walton County's emergency response agencies to a utility failure.

Assets Exposed to Hazard

All assets and critical facilities within Walton County could potentially be impacted by an infrastructure failure or could be the source for the infrastructure failure.

Estimated Potential Losses

Estimated potential losses cannot be anticipated with this event due to the vast number of differing scenarios regarding infrastructure failures.

Land Use and Development Trends

Walton County currently has no land use trends related to infrastructure failures beyond continued population growth.

Multi-Jurisdictional Considerations

Walton County as well as all municipalities could potentially be impacted by an infrastructure failure. However, the Cities of Loganville and Monroe are particularly vulnerable due to population density and higher reliability on technology.

Hazard Summary

The Walton County HMPC has determined that infrastructure failures pose a high risk to their jurisdictions due to the unpredictable nature of the incident. As a result, the Walton County HMPC has developed mitigation strategies and actions.

Technological Hazard: Emerging Infectious Disease*Hazard Description*

Microorganisms, such as bacteria, viruses, parasites, fungi, or prions, surround us within the environment. They can even be found within our own bodies. Most microorganisms are completely harmless, and many are actually beneficial. However, some of these organisms are pathogenic, meaning they cause or can cause disease. Infectious diseases are caused by these pathogenic organisms and are communicable – meaning they can be spread from person to person either directly or indirectly. Direct transmission of the disease occurs through actual physical contact with an infected person or their bodily fluids. Indirect transmission of a disease occurs when an infected person contaminates a surface by sneezing, coughing, etc., and a non-infected person comes into contact with that infected surface. Another means of indirect transmission includes vectors, such as mosquitos, flies, mites, ticks, fleas, rodents, or dogs, which may carry the pathogenic microorganism and transmit it to people via a bite. Infectious diseases can also impact animal populations, particularly livestock and other farm animals. Even though these diseases may not directly affect humans, the economic impact of these diseases can be just as harmful, if not more so, to the community.

Infectious diseases can occur as primary events or they may occur as a cascading result of another disaster, such as a tornado, flood, or winter weather. Infectious diseases can vary greatly in severity and magnitude. According to the World Health Organization, infectious diseases account for three of the ten leading causes of death worldwide – HIV/AIDS, lower respiratory infections, and diarrheal disease. These three events, combined with tuberculosis and malaria, account for 20% of deaths globally.

In Western countries, the impact of infectious diseases has diminished greatly over the last 75 years due to improved sanitation, personal hygiene, vaccinations, and the use of antibiotics. In the United States, only two infectious diseases – seasonal influenza and pneumonia – rank in the top ten leading causes of death. Annually, there are 1,500 deaths in the United States from seasonal influenza and another 52,000 from pneumonia. Children and older adults are the greatest at risk for both.

Emerging infectious diseases are those that are appearing in a population for the first time. Re-Emerging infectious diseases are those that may have previously existed in a population, but levels had dropped to the point where it was no longer considered a public health problem until levels once again began increasing.

Technological Hazard: Emerging Infectious Disease

During the last 25 years, Emerging and re-emerging infectious diseases have been on the rise. The below table outlines some of the contributing factors to this rise:

Contributing Factors to Increasing Occurrence of Emerging Diseases	
Agent-Related Factors	
<ul style="list-style-type: none"> • Evolution of pathogenic infectious agents • Development of resistance to drugs • Resistance of disease carriers to pesticides 	
Host-Related Factors	
<ul style="list-style-type: none"> • Human demographic changes (humans inhabiting new areas) • Human behavior (sexual practices and drug use) • Human susceptibility to infection 	
Environment-Related Factors	
<ul style="list-style-type: none"> • Economic development and land use patterns • International travel and commerce • Deterioration of surveillance systems 	

Due to a lack of ready-made vaccines for these diseases and a lack of immunity in the population, emerging and re-emerging infectious diseases are much more likely to escalate to pandemic levels rapidly.

CDC-Identified Emerging and Re-Emerging Infectious Diseases	
Drug-resistant Infections	Mad Cow/Variant Creutzfeldt-Jakob Diseases
Campylobacteriosis	Chagas Disease
Cholera	Cryptococcosis
Cryptosporidiosis (Crypto)	Cyclosporiasis
Cysticercosis	Dengue Fever
Diphtheria	Ebola Hemorrhagic Fever
Group B Streptococcal Infection	Hantavirus Pulmonary Syndrome
Hepatitis C	Hendra Virus Infection
Histoplasmosis	HIV/AIDS
Influenza	Lassa Fever
Legionnaires' Disease and Pontiac Fever	Leptospirosis
Listeriosis	Lyme Disease
Malaria	Marburg Hemorrhagic Fever
Measles	Meningitis
Monkeypox	MRSA
Nipah Virus Infection	Norovirus Infection
Pertussis	Plague
Polio	Rabies
Rift Valley Fever	Rotavirus Infection
Salmonellosis	SARS
Shigellosis	Smallpox
Sleeping Sickness (Trypanosomiasis)	Tuberculosis
Tularemia	Valley Fever (Coccidioidomycosis)
VISA/VRSA	Staphylococcus Aureus
West Nile Virus Infection	Yellow Fever

Technological Hazard: Emerging Infectious Disease*Hazard Profile*

Emerging Infectious diseases are of significant concern to the Walton County HMPC, particularly those that would have an impact on the human population or animal population of Walton County. Walton County would likely see significant economic impacts from an outbreak involving animal populations, such as an Avian Flu, due to the large economic base agriculture provides (over \$25 million in annual sales). The lack of current vaccines and preparatory activities for these diseases has created a situation where the potential impact to Walton County of a pandemic or epidemic could be catastrophic. The most recent pandemic scare in the Central Georgia area was the 2009-2010 H1N1 Swine Flu. There were 1,286 cases of H1N1 in Georgia in 2009-2010 and 33 deaths. The majority of registered cases occurred with people between the ages of 5 and 29. This equates to a mortality rate of just over 2.5% - which is slightly lower than the 3% rate of the 1918-1919 Spanish Flu Pandemic. In 2020, the COVID-19 Pandemic, caused by the SARS-CoV2 Virus, impacted communities worldwide, including Walton County. As of June 23, 2020, there were over 9.1 million cases reported worldwide with over 470,000 deaths. In Walton County, 346 cases had been reported with 25 deaths.

Over the last 25 years, emerging infectious disease outbreaks have occurred in other parts of the country. These include:

- 1993 Cryptosporidium Outbreak (Milwaukee, Wisconsin – 403,000 people ill and 100 deaths)
- 2010 Whooping Cough Outbreak (California – 9,500 people ill and 10 infant deaths)
- 2014 Measles (Nationwide – 334 cases from January to May 2014 – most in 20 years)
- 2015 H5N2 Avian Flu Outbreak (Midwest – over 25 million chickens and turkeys destroyed as a precautionary measure at 83 locations)

Assets Exposed to the Hazard

Due to the unpredictable nature of emerging infectious diseases, all public and private structures are threatened by the hazard. This includes all critical facilities. Additionally, Walton County has over \$25 million in annual agricultural sales, which could see significant impacts from any agriculture-related Emerging Infectious Diseases.

Estimated Potential Losses

Losses due to emerging infectious diseases are difficult to estimate due to the unpredictable nature of the hazard. The type of emerging infectious disease, location of the outbreak, and the impact of the outbreak would all affect the

Technological Hazard: Emerging Infectious Disease

potential losses. Please see the critical facilities information for estimated potential losses for each critical facility.

Land Use and Development Trends

Walton County currently has no land use trends directly related to emerging infectious diseases.

Multi-Jurisdictional Considerations

All of Walton County, including all municipalities, are vulnerable to emerging infectious diseases. However, livestock and other farm animals are considered to be the greatest at risk, along with areas with large, concentrated human populations, such as schools.

Hazard Summary

An emerging infectious disease would have devastating effects on Walton County and all municipalities. These impacts would be immediate and long-lasting and could be potentially economically crippling. Of particular concern to the Walton County HMPC is impacts to Walton County's large agricultural business population (over \$25 million in annual sales). Because of these considerations, the Walton County HMPC has developed mitigation actions with emerging infectious diseases in mind.

CHAPTER FOUR
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HAZARD MITIGATION STRATEGIES

Summary of Updates to Chapter Four

The following table provides a description of each section of this chapter, and a summary of the changes that have been made to the Walton County Hazard Mitigation Plan 2015.

Chapter 4 Section	Updates
Goals and Objectives	<ul style="list-style-type: none">• Updated goals to match the needs of Walton County and all municipalities
Identification and Analysis of Mitigation Techniques	<ul style="list-style-type: none">• Content Revised• Reviewed mitigation strategies identified in the 2015 plan and made updates• Identified mitigation strategies that were completed• Identified mitigation strategies to be removed

Goals and Objectives

Requirement §201.6(c)(3)

Requirement §201.6(c)(3)(i)

It is important that State and local government, public-private partnerships, and the average citizen can see the results of these mitigation efforts, therefore, the goals and strategies need to be achievable. The mitigation goals and objectives form the basis for the development of specific mitigation actions. County and municipal officials should consider the listed goals before making community policies, public investment programs, economic development programs, or community development decisions for their communities. The goals of Walton County have changed slightly in the last five years (since 2015) due to specific threat events, such as Hurricane Irma in 2017. Because of the recentness of the impacts of these hazards and the devastation that occurred, these types of events have taken a greater priority, particularly in the increased priority of mitigation strategies directly related to these events and the development of new mitigation strategies related to these hazards.

Each jurisdiction covered by the Walton County Hazard Mitigation plan update – Walton County and the Municipalities of Between, Good Hope, Jersey, Loganville, Monroe, Social Circle, and Walnut Grove – has limited ability to fully implement the mitigation actions described in this plan. These jurisdictions are severely hampered by their small population and tax base when attempting to raise enough revenue to pursue many of these actions. All jurisdictions lack the needed financial strength and staffing to implement all the actions described in this plan. Many of the actions will be pursued through grant programs and by partnering with public and private organizations who can supplement the needed resources to accomplish the goals outlined in this plan. For actions where grant funding or partnerships are not available, Walton County or municipality revenue streams may be supplemented through Special Purpose Local Option Sales Tax (SPLOST) funds, which are voted on by the electorate.

- GOAL 1 Maximize the use of all resources by promoting intergovernmental coordination and partnerships in the public and private sectors

- GOAL 2 Harden communities against the impacts of disasters through the development of new mitigation strategies and strict enforcement of current regulations that have proven effective

- GOAL 3 Reduce and, where possible, eliminate repetitive damage, loss of life and property from disasters

- GOAL 4 Bring greater awareness throughout the community about potential hazards and the need for community preparedness

These objectives state a more specific outcome that Walton County strives to accomplish over the next five years. Action steps are the specific steps necessary to achieve these objectives. Objectives are not listed in order of importance.

- OBJECTIVE 1 Reduce damage to property and loss of life through the utilization of preventative activities
- OBJECTIVE 2 Minimize the damage to property and loss of life through property protection measures
- OBJECTIVE 3 Minimize the damage to property and loss of life through natural resource protection activities
- OBJECTIVE 4 Reduce damage to property and loss of life through the utilization of structural mitigation projects
- OBJECTIVE 5 Increase the ability of Walton County, its municipalities, and its citizens to respond to natural and manmade hazards through emergency service measures
- OBJECTIVE 6 Increase public education and awareness of natural hazards
- OBJECTIVE 7 Implement additional protective measures and capabilities in response to manmade incidents
- OBJECTIVE 8 Increase public awareness of local manmade hazards and proper response to those hazards

Identification and Analysis of Mitigation Techniques

Requirement §201.6(c)(3)(iv)

Requirement §201.6(c)(3)(iii)

In updating Walton County's mitigation strategy, a wide range of activities were considered to help achieve the mitigation goals and objectives. This includes the following activities as by the Emergency Management Accreditation Program (EMAP):

- 1) The use of applicable building construction standards;
- 2) Hazard avoidance through appropriate land-use practices;
- 3) Relocation, retrofitting, or removal of structures at risk;
- 4) Removal or elimination of the hazard;
- 5) Reduction or limitation of the amount or size of the hazard;
- 6) Segregation of the hazard from that which is to be protected;
- 7) Modification of the basic characteristics of the hazard;
- 8) Control of the rate of release of the hazard;
- 9) Provision of protective systems or equipment for both cyber and/or physical risks;
- 10) Establishment of hazard warning and communication procedures; and
- 11) Redundancy or duplication of essential personnel, critical systems, equipment, and information materials.

Part of the prioritization includes a general assessment according to the STAPLEE criteria, which stands for Social, Technical, Administrative, Political, Legal, Economic and Environmental. This process led to three designated priorities: High, Medium, and Low. Most items that require grant funding must undergo a full Benefit Cost Analysis to determine the action's actual cost effectiveness prior to funding. This process will be completed as part of the grant opportunity application process.

Strategy Priority	Priority Description	Strategies within this priority
LOW	Low priority strategies are those strategies that will have less direct impact on mitigating Walton County's hazards, are in the early stages of strategy development, or score poorly on a preliminary cost-benefit analysis	2.g; 5.m; 5.n; 5.s; 5.v; 5.w; 5.bb; 5.ll; 5.pp; 5.qq; 6.b; 7.a
MEDIUM	Medium priority strategies are those strategies that will have a direct impact on mitigation Walton County's hazards, but will not have as large of an anticipated impact as High Priority strategies or may be focused on hazards that are not as potentially impactful or prevalent for Walton County. These strategies may be in the earlier stages of development or score mediocre on a preliminary cost-benefit analysis	1.b; 2.a; 2.b; 2.e; 2.f; 2.k; 2.m; 2.o; 2.p; 4.a; 4.b; 4.c; 5.a; 5.b; 5.d; 5.e; 5.f; 5.q; 5.r; 5.u; 5.x; 5.z; 5.aa; 5.cc; 5.mm; 5.oo; 8.b; 8.e
HIGH	High priority strategies are those strategies that would have a direct, large impact on mitigation Walton County's hazards. These strategies are oftentimes well-established needs of Walton County and/or all municipalities and have score high on a preliminary cost-benefit analysis	1.a; 2.c; 2.d; 2.h; 2.i; 2.j; 2.l; 2.n; 3.a; 3.b; 5.c; 5.g; 5.h; 5.i; 5.j; 5.k; 5.l; 5.o; 5.t; 5.y; 5.dd; 5.ee; 5.ff; 5.gg; 5.hh; 5.ii; 5.jj; 5.kk; 5.nn; 5.rr; 6.a; 8.a; 8.c; 8.d; 8.f

The lead agency listed in the Mitigation Strategy charts will be responsible for the jurisdictional administration and implementation of the mitigation strategy prioritization. Prioritization was determined based on many factors. These include the likelihood of the event, the potential impact of the event, the current readiness posture of Walton County for the event, the all-hazard impact of the mitigation strategy, and a cost-benefit analysis for the mitigation action. For example, mitigation actions that address high-likelihood, high-impact events with a low cost would rate higher than low-likelihood, high-impact events with a high cost.

The following Mitigation Charts meet:

[Requirement §201.6\(c\)\(3\)\(ii\)](#)

[Requirement §201.6\(d\)\(3\)](#)

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization <i>Jurisdiction</i>	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/Status	Priority	Previous Strategy #
OBJECTIVE 1: Reduce damage to property and loss of life through the utilization of preventative activities																	
1.a	Make application to participate in FEMA's NFIP Community Rating System (CRS)	Walton County Planning and Development <i>Walton County and all municipalities</i>	X									Local budgets	Staff time	24 months	Under Research	High	1.a
1.b	Explore possibility of acquiring and/or relocating repetitive losses in Walton County	Walton County EMA; Board of Commissioners <i>Walton County and all municipalities</i>	X				X					Public and private grants and/or local budgets	\$200,000	48 months	Potential buyout locations and grants under research	Medium	1.b
OBJECTIVE 2: Minimize the damage to property and loss of life through property protection measures																	
2.a	Inventory and test backup generators at critical county and municipal government facilities and infrastructure locations	Walton County EMA and critical facility operators <i>Walton County and all municipalities</i>		X	X	X	X			X		Local budgets	Staff time and \$5,000	24 months	None; other projects taking priority	Medium	7.d
2.b	Inventory and load test backup generators at Walton County and Social Circle Schools	Walton County EMA; Walton County Schools; Social Circle Schools <i>Walton County and all municipalities</i>		X	X	X	X			X		Local budgets	Staff time	36 months	None; other projects taking priority	Medium	7.e

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
2.c	Correct deficiencies identified in 2.a	Walton County EMA and critical facility operators <i>Walton County and all municipalities</i>		X	X	X	X			X		Public and private grants and/or local budgets	TBD by outcome of 2.a	60 months	None; Reliant on completion of 2.a	High	7.g
2.d	Install additional backup generators, as needed, at Social Circle Schools and Walton County Schools	Walton County EMA; Walton County Schools; Social Circle Schools <i>Walton County and all municipalities</i>		X	X	X	X			X		Public and private grants and/or local budgets	TBD by outcome of 2.b	60 months	None; Reliant on completion of 2.b	High	7.i and 7.l
2.e	Install generators at City of Loganville Wastewater treatment facility	City of Loganville Wastewater <i>City of Loganville</i>		X	X	X	X			X		Public and private grants and/or local budgets	\$250,000	48 months	None; budget constraints	Medium	7.q
2.f	Purchase fixed generator for fuel pump for schools	Walton County Schools and Social Circle Schools <i>Walton County and all municipalities</i>	X	X		X	X			X		Public and private grants and/or local budgets	\$75,000	60 months	NEW	Medium	NEW

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
2.g	Purchase generator for Walnut Grove City Hall and downtown area	Walnut Grove City Council and Walton County EMA <i>City of Walnut Grove</i>		X	X	X	X			X		Public and private grants and/or local budgets	\$250,000	60 months	NEW	Low	NEW
2.h	Purchase generators for the City of Monroe water and wastewater treatment facilities and pump stations	City of Monroe water and wastewater <i>City of Monroe</i>		X	X	X	X			X		Public and private grants and/or local budgets	\$250,000	36 months	NEW	High	NEW
2.i	Purchase generators for five Walton County Fire Stations	Walton County Fire Department and EMA <i>Walton County and all municipalities</i>		X	X	X	X			X		Public and private grants and/or local budgets	\$125,000	48 months	NEW	High	NEW
2.j	Purchase generator for City of Loganville Twin Lakes pump station	City of Loganville water and Walton County EMA <i>City of Loganville</i>		X	X	X	X			X		Public and private grants and/or local budgets	\$25,000	42 months	NEW	High	NEW
2.k	Purchase generator for Health Department in the City of Loganville	Health Department and Walton County EMA <i>Walton County and City of Loganville</i>		X	X	X	X			X		Public and private grants and/or local budgets	\$25,000	42 months	NEW	Medium	NEW

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
2.1	Purchase generator for Walton County Sheriff's Office precincts	Walton County Sheriff's Office and Walton County EMA <i>Walton County and all municipalities</i>		X	X	X	X			X		Public and private grants and/or local budgets	\$50,000	48 months	NEW	High	NEW
2.m	Purchase generator for Walton County Recreation Centers	Walton County Recreation and Walton County EMA <i>Walton County and all municipalities</i>		X	X	X	X			X		Public and private grants and/or local budgets	\$50,000	48 months	NEW	Medium	NEW
2.n	Purchase generator for Walton County EMS Office	Walton County EMS and Walton County EMA <i>Walton County and all municipalities</i>		X	X	X	X			X		Public and private grants and/or local budgets	\$25,000	48 months	NEW	High	NEW
2.o	Purchase generator for Walton County Animal Control	Walton County Animal Control and Walton County EMA <i>Walton County and all municipalities</i>		X	X	X	X			X		Public and private grants and/or local budgets	\$30,000	48 months	NEW	Medium	NEW

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization <i>Jurisdiction</i>	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/Status	Priority	Previous Strategy #
2.p	Inspect all county and municipal critical facilities for power grounding every couple of years	Walton County EMA and critical facility operators <i>Walton County and all municipalities</i>			X		X					Local budgets	Staff time	24 months	In place; Continue	Medium	7.j
2.q	Purchase generators for the Social Circle Water treatment and Wastewater plans	Walton County EMA and Social Circle Water <i>Walton County and Social Circle</i>		X	X	X	X			X		Public and private grants and/or local budgets	\$200,000	36 months	NEW	High	NEW
2.r	Replace generators at Social Circle Lift Stations	Walton County EMA and Social Circle Water <i>Walton County and Social Circle</i>	X	X	X	X	X			X		Public and private grants and/or local budgets	\$75,000	36 months	NEW	High	NEW
OBJECTIVE 3: Minimize the damage to property and loss of life through natural resource protection activities																	
3.a	Create a diversion of the Apalachee River	Walton County Water and Sewer Authority <i>Walton County and all municipalities</i>	X				X	X			X	Public and private grants and/or local budgets	\$10 million	60 months	Phase II of a 3-phase plan; Phase I complete	High	7.a

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization <i>Jurisdiction</i>	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
3.b	Build a new water treatment plan in conjunction with the diversion in 3.a	Walton County Water and Sewer Authority <i>Walton County and all municipalities</i>	X				X	X			X	Public and private grants and/or local budgets	\$375 million	60 months	Phase II of a 3-phase plan; Phase I complete	High	7.b
OBJECTIVE 4: Reduce damage to property and loss of life through the utilization of structural mitigation projects																	
4.a	Increase culvert size requirements to allow for better flash flood and flood management	Walton County Public Works <i>Walton County and all municipalities</i>	X				X					Public and private grants and/or local budgets	\$5 million	60 months	NEW	Medium	NEW
4.b	Create a second and third entrance to Piedmont Walton Hospital	Piedmont Walton Hospital and Walton County Public Works <i>Walton County and all municipalities</i>	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$1 million	60 months	None; hospital changed ownership	Medium	7.s
4.c	Identify and implement supply shelter locations for winter storm response – one on each side of Walton County	Walton County Public Works <i>Walton and all municipalities</i>		X								Public and private grants and/or local budgets	\$20,000	36 months	None; other projects taking priority	Medium	8.a

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization <i>Jurisdiction</i>	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/Status	Priority	Previous Strategy #
OBJECTIVE 5: Increase the ability of Walton County, its municipalities, and its citizens to respond to natural and manmade hazards through emergency service measures																	
5.a	Update the Stormwater Management Plan every five years	Walton County Public Works <i>Walton County and all municipalities</i>	X		X		X					Local budgets	Staff time	60 months	NEW	Medium	NEW
5.b	Update the Water Strategic Plan every 3 years	Walton County Water <i>Walton County and all municipalities</i>						X	X		X	Local budgets	Staff time	36 months	NEW	Medium	NEW
5.c	Create a debris management plan	Walton County EMA and Public Works <i>Walton County and all municipalities</i>		X	X	X					X	Local budgets	Staff time	36 months	None; Staff turnover	High	2.a
5.d	Install outdoor warning sirens at the parks and recreation, park areas, and at schools with stadiums	Walton County EMA and Parks/Recreation <i>Walton County and all municipalities</i>				X						Public and private grants and/or local budgets	\$155,000	60 months	Areas researched	Medium	3.c and 3.d
5.e	Create a policy that states if any private entity builds a stadium, they must also install a tornado siren at that location	Walton County Planning and Zoning <i>Walton County and all municipalities</i>				X						Local and private budgets	Staff time for policy development	36 months	NEW	Medium	NEW

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization <i>Jurisdiction</i>	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
5.f	Expand the Mass Notification System to use additional modules to increase functionality	Walton County EMA <i>Walton County and all municipalities</i>	X		X	X	X					Public and private grants and/or local budgets	\$20,000	60 months	None; Staff turnover	Medium	3.e (mod)
5.g	Encourage businesses and companies in the community to purchase NOAA Weather Radios	Walton County EMA <i>Walton County and all municipalities</i>	X		X	X	X				X	Local budgets	Staff time	18 months	NEW	High	NEW
5.h	Map all county and municipal critical facilities using GPS and provide access to all municipal and county departments and utilities	Walton County Planning and Development; Tax Assessors; Public Works <i>Walton County and all municipalities</i>	X			X	X		X	X		Local budgets	Staff time	24 months	NEW	High	NEW
5.i	Maintain StormReady designation	Walton County EMA <i>Walton County and all municipalities</i>			X	X	X					Local budgets	Staff time	36 months	StormReady designated; must renew every 3 years	High	4.g (mod)
5.j	Update the Community Wildfire Protection Plan every five years	Georgia Forestry Commission <i>Walton County and all municipalities</i>							X			Local and State budgets	Staff time	60 months	CWPP Update Completed January 2020	High	5.a (mod)

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization <i>Jurisdiction</i>	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
5.k	Build a permanent Emergency Operations Center with back up communications for 911 Center, generator, and enough space for all ESFs	Walton County EMA <i>Walton County and all municipalities</i>	X	X	X	X	X	X	X	X	X	Public and private grants and/or local budgets	\$350,000	36 months	None; Staff turnover	High	6.a
5.l	Review and update the Walton County LEOP	Walton County EMA <i>Walton County and all municipalities</i>	X	X	X	X	X	X	X	X	X	Local budgets	Staff time	12 months	In Place; Annual Review; Reviewed and Updated in 2019	High	6.b
5.m	Continue to institute additional CERT Basic Training Courses	Walton County EMA <i>Walton County and all municipalities</i>			X	X	X			X		Public and private grants and/or local budgets	\$10,000	24 months	One class taught in 2018; 2 classes in 2019	Low	6.c (mod)
5.n	Institute additional advanced CERT training courses	Walton County EMA <i>Walton County and all municipalities</i>			X	X	X			X		Public and private grants and/or local budgets	\$5,000	24 months	None; Previously awaiting new curriculum release	Low	6.d
5.o	Encourage private schools throughout Walton County to develop and implement an EOP	Walton County EMA and Private schools <i>Walton County and all municipalities</i>	X	X	X	X	X	X	X	X	X	Local and private budgets	Staff time	18 months	None; Staff turnover	High	6.e

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization <i>Jurisdiction</i>	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
5.p	Complete an HSEEP-Compliant Full-Scale Exercise with county and municipal agencies	Walton County EMA and county and municipal agencies <i>Walton County and all municipalities</i>	X	X	X	X	X	X	X	X		Local budgets	\$2,500	30 months	NEW	Medium	NEW
5.r	Purchase Mobile/transportable cross-band repeaters	Walton County 911 <i>Walton County and all municipalities</i>	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$15,000	36 months	NEW	Medium	NEW
5.s	Create an Animal Emergency Response Plan	Walton County Animal Control and EMA <i>Walton County and all municipalities</i>	X			X	X	X	X	X	X	Local budgets	Staff time	30 months	None; Staff turnover	Low	6.f
5.t	Purchase electronic signage to be deployed during emergencies	Walton County Public Works, Sheriff's Office, and EMA <i>Walton County and all municipalities</i>	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$35,000	36 months	None; budgetary constraints	High	6.g
5.u	Purchase electronic signage for the City of Walnut Grove	Walnut Grove Town Council <i>Walton County and all municipalities</i>	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$10,000	42 months	NEW	Medium	NEW

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5.v	Research concept of transportable satellite-linked alternative communication system with push-to-talk, phone, and internet capabilities	Walton County EMA <i>Walton County and all municipalities</i>	X		X	X	X			X		Public and private grants and/or local budgets	\$5,000	60 months	None; Other projects taking priority	Low	6.h
5.w	Install an antenna with connections to existing digi-repeater located at the HD Atha Rd tower site	Walton County ARES <i>Walton County and all municipalities</i>			X	X	X			X		Local budgets	\$1,200	24 months	None; other projects taking priority	Low	6.i
5.x	Upgrade ARES equipment at Piedmont Walton Hospital	Walton County ARES and Piedmont Walton <i>Walton County and all municipalities</i>	X	X	X	X	X			X		Public and private grants and/or local budgets	\$20,000	36 months	NEW	Medium	NEW
5.y	Exercise ARES communications with Piedmont Walton Hospital monthly	Walton County ARES and Piedmont Walton <i>Walton County and all municipalities</i>	X	X	X	X	X			X		Local budgets	Staff time	12 months	NEW	High	NEW
5.z	Expand the Walton County fuel tanks near the Youth Community	Walton County EMA <i>Walton County and all municipalities</i>	X				X			X		Public and private grants and/or local budgets	\$50,000	60 months	None; staff turnover	Medium	7.m

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
5.aa	Expand the Board of Education Fuel tanks and provide a back-up location	Walton County Schools; Social Circle Schools <i>Walton County, City of Monroe, City of Loganville, and City of Social Circle</i>	X				X			X		Public and private grants and/or local budgets	\$50,000	60 months	None; other projects taking priority	Medium	7.n
5.bb	Provide mobile fuel tanks for the Walton County Fire Department	Walton County Fire Department <i>Walton County and all municipalities</i>	X				X			X		Public and private grants and/or local budgets	\$7,500	24 months	None; other projects taking priority	Low	7.p
5.cc	Secure funding to update the Master Transportation Plan	Walton County Planning and Zoning <i>Walton County and all municipalities</i>	X				X			X		Local budgets	Staff time	24 months	Options under research	Medium	7.r
5.dd	Create a Continuity of Operations Plan for Walton County	Walton County Board of Commissioners	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$45,000	24 months	None; budgetary constraints	High	7.t
5.ee	Create a Continuity of Operations Plan for Monroe	Monroe City Council <i>City of Monroe</i>	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$25,000	24 months	None; budgetary constraints	High	7.u

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
5.ff	Create a Continuity of Operations Plan for Social Circle	Social Circle City Council <i>City of Social Circle</i>	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$20,000	24 months	None; budgetary constraints	High	7.v
5.gg	Create a Continuity of Operations Plan for Loganville	Loganville City Council <i>City of Loganville</i>	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$25,000	24 months	None; budgetary constraints	High	7.w
5.hh	Create a Continuity of Operations Plan for Between	Between Town Council	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$5,000	24 months	None; budgetary constraints	High	7.x
5.ii	Create a Continuity of Operations Plan for Good Hope	Good Hope Town Council <i>Town of Good Hope</i>	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$5,000	24 months	None; budgetary constraints	High	7.y
5.jj	Create a Continuity of Operations Plan for Walnut Grove	Walnut Grove Town Council <i>Town of Walnut Grove</i>	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$7,500	24 months	None; budgetary constraints	High	7.z

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5.kk	Create a Continuity of Operations Plan for Jersey	Jersey Town Council <i>Town of Jersey</i>	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$5,000	24 months	None; budgetary constraints	High	7.aa
5.ll	Build a new fuel station in the county to serve Walton County and Walton County Schools	Walton County Public Works and Walton County Schools <i>Walton County, Between, Good Hope, Walnut Grove, Jersey</i>	X				X			X		Public and private grants and/or local budgets	\$150,000	60 months	NEW	Low	NEW
5.m m	Purchase and outfit additional salt and brine trucks for winter weather response	Walton County Public Works <i>Walton County and all municipalities</i>		X							X	Public and private grants and/or local budgets	\$60,000	36 months	Under research	Medium	8.b
5.n n	Purchase computers for EOC Operations	Walton County EMA <i>Walton County and all municipalities</i>	X	X	X	X	X	X	X	X	X	Public and private grants and/or local budgets	\$12,000	24 months	NEW	High	NEW
5.o o	Purchase traffic control devices, such as barricades, cones, etc.	Walton County Sheriff's Office and Public Works <i>Walton County and all municipalities</i>	X		X	X	X		X	X		Public and private grants and/or local budgets	\$20,000	24 months	NEW	Medium	NEW

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		Jurisdiction															
5.pp	Purchase P25 digital vehicular repeater system	Walton County 911 <i>Walton County and all municipalities</i>	X	X	X	X	X			X		Public and private grants and/or local budgets	\$10,000 each	36 months	NEW	Low	NEW
5.qg	Purchase pet emergency response equipment	Walton County Animal Control <i>Walton County and all municipalities</i>	X	X	X	X	X		X	X		Public and private grants and/or local budgets	\$15,000	36 months	NEW	Low	NEW
5.rr	Develop a Volunteer Management Plan	Walton County EMA <i>Walton County and all municipalities</i>	X		X	X	X			X		Public and private grants and/or local budgets	\$15,000	30 months	NEW	High	NEW
5.ss	Purchase supplies, backpacks, and helmets for CERT students	Walton County EMA <i>Walton County and all municipalities</i>			X	X	X		X	X		Public and private grants and/or local budgets	\$20,000	36 months	NEW	Medium	NEW
5.tt	Host a CERT Train-the-Trainer Course	Walton County EMA and GEMA <i>Walton County and all municipalities</i>			X	X	X		X	X		Public and private grants and/or state or local budgets	\$5,000	48 months	NEW	Medium	NEW

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5.uu	Secure a facility to store CERT supplies	Walton County EMA <i>Walton County and all municipalities</i>			X	X	X		X	X		Public and private grants and/or local budgets	\$15,000	60 months	NEW	Low	NEW
5.vv	Purchase animal control emergency response supplies, including: food/water bowls, blankets, portable fans and heaters, tents, panels for livestock, large dog crates, all sizes of carriers, cat litter, litter boxes, dog and cat food, horse feed, leashes, and halters rope	Walton County Animal Control <i>Walton County and all municipalities</i>	X	X	X	X	X	X	X	X	X	Public and private grants and/or local budgets	\$100,000	48 months	NEW	Medium	NEW
OBJECTIVE 6: Increase public education and awareness of natural hazards																	
6.a	Develop a functional website for the Walton County EMA	Walton County EMA <i>Walton County and all municipalities</i>	X	X	X	X	X	X	X	X		Local budgets	Staff time	12 months	None; Staff turnover	High	4.h

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
		<i>Jurisdiction</i>															
6.b	Establish a “Severe Weather/Weather Education” and “Community and Individual Disaster preparedness” section within each unit of the Walton County Public Library	Walton County EMA and Walton County Public Library <i>Walton County and all municipalities</i>	X	X	X	X	X	X	X	X	X	Public and private grants and/or local budgets	\$5,000	30 months	None; Staff turnover	Low	4.i (mod)
6.c	Utilize Social Media to provide public information	Walton County PIO, CERT, and Citizen Corps Council <i>Walton County and all municipalities</i>	X	X	X	X	X	X	X	X	X	Local budgets	Staff time	12 months	Redefined lead organizations	High	4.a
6.d	Add information regarding mass notification system to utility bills	Walton County EMA and utility providers <i>Walton County and all municipalities</i>		X	X	X	X					Local budgets	Staff time	24 months	Changed from focus only on gas bills to capture all citizens	Medium	4.b, 4.d, and 4.f

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization <i>Jurisdiction</i>	Flood	Winter Weather	Thunderstorm	Tornado	Tropical Cyclone	Drought	Wildfire	Earthquake	Extreme Temps	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
6.e	Mail out flyers/ pamphlets regarding the mass notification system to all zip codes	Walton County EMA, Walton County Commissioners, Municipal councils <i>Walton County and all municipalities</i>			X	X	X					Local budgets	\$5,000	48 months	None; other projects took priority	Low	4.c
6.f	Add information regarding mass notification system in City of Monroe quarterly newsletter	Walton County EMA and City of Monroe council <i>City of Monroe</i>			X	X	X					Local budgets	Staff time	24 months	None; other projects took priority	Low	4.e
6.g	Add information regarding mass notification system to Walton County tax bills	Walton County Tax Commissioner <i>Walton County and all municipalities</i>			X	X	X					Local budgets	Staff time	30 months	None; other projects took priority	Medium	4.f (mod)
6.h	Purchase road signs to let public know about StormReady designation	Walton County EMA <i>Walton County and all municipalities</i>	X	X	X	X	X				X	Local budgets	\$3,000	24 months	NEW	Low	NEW

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization	Dam Failure	Hazardous Materials	Terrorism	Transportation	Infrastructure Failure	Emer. Disease	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
OBJECTIVE 7: Implement additional protective measures and capabilities in response to manmade incidents														
7.a	Install cameras and electronic warning system at local dams to improve off-site monitoring capabilities	Dam Owners and Walton EMA <i>Walton County and all municipalities</i>	X		X		X		Public and private grants and/or local and private budgets	\$1 million	60 months	NEW	Low	NEW
7.b	Develop a full After-Action Review of the COVID-19 response in Walton County	Walton County EMA <i>Walton County and all municipalities</i>						X	Local budgets	Staff time	12 months	NEW	High	NEW
7.c	Purchase supplies to operate a closed or open POD	Walton County EMA <i>Walton County and all municipalities</i>		X	X			X	Public and private grants and/or local budgets	\$25,000	36 months	NEW	High	NEW
7.d	Install State-of-the-art HVAC protective measures in all county and municipal buildings to manage the spread any potential airborne pathogens	Walton County EMA, Board of Commissioners, and municipal councils <i>Walton County and all municipalities</i>		X	X			X	Public and private grants and/or local budgets	\$3 million	60 months	NEW	Medium	NEW

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization	Dam Failure	Hazardous Materials	Terrorism	Transportation	Infrastructure Failure	Emer. Disease	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
OBJECTIVE 8: Increase public awareness of local manmade hazards and proper response to those hazards														
8.a	Provide HazMat Training for all First Responders	Walton County EMA and Fire Departments <i>Walton County and all municipalities</i>		X	X	X		X	Local and State budgets	Staff time	24 months	NEW	High	NEW
8.b	Provide advanced training for HazMat Team members	Walton County EMA and Fire Departments <i>Walton County and all municipalities</i>		X	X	X		X	Public and private grants and/or local budgets	\$10,000	48 months	NEW	Medium	NEW
8.c	Hold multi-jurisdictional mass casualty/active shooter/terrorism exercise	Walton County EMA, emergency response agencies, Walton County Schools and Social Circle Schools <i>Walton County and all municipalities</i>			X				Public and private grants and/or local budgets	\$3,000	48 months	NEW	High	NEW
8.d	Maintain participation in the East Georgia Local Emergency Planning Committee (LEPC)	Walton County EMA and committee members <i>Walton County and all municipalities</i>		X	X	X	X	X	Local budgets	\$5,000	12 months	NEW	High	NEW

Strategy #	Mitigation Action	Lead and Supporting Agency, Department, Organization	Dam Failure	Hazardous Materials	Terrorism	Transportation	Infrastructure Failure	Emer. Disease	Funding Source	Estimated Cost	Completion Timeframe	Progress/ Status	Priority	Previous Strategy #
8.e	Install camera software in EOC for all traffic cameras and signals for monitoring during mass events	Walton County EMA and DOT <i>Walton County and all municipalities</i>		X	X	X	X		Local and State budgets	Staff time	24 months	NEW	Medium	NEW
8.f	Create a HazMat Team and supply with needed response resources	Walton County Fire Departments and EMA <i>Walton County and all municipalities</i>		X	X	X		X	Public and private grants and/or local budgets	\$100,000	36 months	NEW	High	NEW

Completed Mitigation Strategies

Previous Strategy #	Strategy Description	Status
1.c	Enhance floodplain management around the Walton County reservoir	COMPLETE in 2016
1.d	Update the Stormwater Management Plan	COMPLETE
1.e	Create a Water Strategic Plan	COMPLETE; Modified to review and update on 3-year cycle
4.g	Acquire StormReady designation from the National Weather Service	COMPLETE; Modified to Maintain
5.a	Improve the Walton County Community Wildfire Protection Plan	COMPLETE; Plan Updated January 2020; Modified
6.b	Review and update the Walton County LEOP	COMPLETE; Updated in 2019
6.c	Institute additional CERT Basic Training Courses	COMPLETE; 1 in 2018 and 2 in 2019
7.c	Install communication antenna at the Piedmont Walton Hospital	COMPLETE
7.e	Inventory and test backup generators at Piedmont Walton Hospital	COMPLETE
7.p	Install a fixed generator and hookups at the City of Good Hope City Hall	COMPLETE with SPLOST money

Deleted Mitigation Strategies

Previous Strategy #	Strategy Description	Reason
7.h	Install generators at county and municipal facilities that are designated shelters	<i>Shelter locations captured on other generator initiative strategies</i>

CHAPTER FIVE
-
MAINTENANCE AND
IMPLEMENTATION

Summary of Updates for Chapter Five

The following table provides a description of each section of this chapter, and a summary of the changes that have been made to the Walton County Hazard Mitigation Plan 2015.

Chapter 5 Section	Updates
Maintenance	<ul style="list-style-type: none">• Content Revised
Plan Distribution	<ul style="list-style-type: none">• Content Revised
Implementation	<ul style="list-style-type: none">• Content Revised
Evaluation	<ul style="list-style-type: none">• Content Revised
Peer Review	<ul style="list-style-type: none">• Content Revised
Plan Update	<ul style="list-style-type: none">• Content Revised
Conclusion	<ul style="list-style-type: none">• Content Revised

Maintenance

Requirement §201.6(c)(4)(iii)

To adhere to best practices, state and federal guidelines, and lessons learned, the Walton County Hazard Mitigation Plan Update Committee has developed a method to ensure the regular review and update of the Plan occurs. Plan maintenance protocols identified during the 2016 Walton County Hazard Mitigation Plan was followed, to the best abilities of Walton County. This most importantly included an increased attempt for public participation and inclusion in the planning process. The Walton County Hazard Mitigation Plan Update Committee will reconvene annually in February to monitor and evaluate the progress of the mitigation strategies in the Plan. Walton County's Emergency Management Director, Carl Morrow, will be responsible for implementing this meeting. The Committee will discuss the following questions annually:

- Do the goals address current and expected hazards and conditions?
- Are the goals and objectives still relevant to the County?
- Has the nature or magnitude of risks changed?
- Does the risk assessment portion of the Plan need to be updated or modified?
- Are the goals and objectives meeting changes in state and federal policy?
- Are the current resources appropriate for implementing the Plan?
- Are there local implementation problems, such as technical, political, legal, or coordination issues with other agencies?
- Did the jurisdictions, agencies, and other partners participate in the plan implementation process as proposed?

The responsible parties for various mitigation strategies will provide a report during this annual meeting regarding the following:

- How well did the implementation processes work?
- Were any difficulties encountered during implementation?
- Are there any suggestions for revision of any strategies?

Walton County's Emergency Management Director will send the minutes from this annual meeting to Walton County Board of Commissioners and the municipalities of Between, Good Hope, Jersey, Loganville, Monroe, Social Circle, and Walnut Grove for review.

If there are any updates or modifications to the Walton County Hazard Mitigation Plan, the Emergency Management Director will forward the changes to the Georgia Emergency Management Agency's Hazard Mitigation Officer. All annual reviews of the Walton County Hazard Mitigation Plan will be open to the public. These meetings will be advertised both in the local newspapers, but also on signage in the publicly used facility hosting the meeting.

Maintenance Log

Revision Date	Revised Section	Reason for Revision	Revised By
2019-2020	Five Year Hazard Mitigation Plan Update	FEMA Requirement	Walton County Hazard Mitigation Planning Committee with assistance from Lux Mitigation and Planning

Plan Distribution

This Plan will be distributed, but not limited, to the following departments and organizations within Walton County:

- Walton County Board of Commissioners
- Walton County Fire Department
- Walton County Emergency Management Agency
- Walton County Sheriff's Office
- Walton County Public Works
- Walton County Planning and Zoning
- Walton County Code Enforcement
- Walton County Board of Education
- City of Loganville
- City of Monroe
- City of Social Circle
- Town of Between
- Town of Good Hope
- Town of Jersey
- Town of Walnut Gove

A printed copy of the approved Plan will be available for viewing at the Walton County Commissioner's Office located at 303 South Hammond Drive, Suite 330 in Monroe. A printed copy of the approved Plan will also be available for viewing at the Monroe-Walton County Library located at 217 West Spring Street in Monroe. The existence and location of these copies will be publicized in the County's local newspaper, The Walton Tribune.

All comments, questions, concerns, and opinions about the Plan will be directed to Director Carl Morrow of the Walton County Emergency Management Agency for follow-up.

Implementation

Requirement §201.6(c)(4)(ii)

Each jurisdiction participating in the Walton County Hazard Mitigation Plan is responsible for implementing specific mitigation actions as prescribed in this plan. In the Mitigation Strategies section, every proposed strategy is assigned to a specific local department or agency to assign responsibility and accountability and increase the likelihood of subsequent implementation.

In addition to the designation of a local lead department or agency, some strategies have secondary or assisting department or agencies listed as well. This allows for a sharing of responsibility and coordination of effort for some of the identified strategies that cross lines of departmental responsibility. The completion date has been assigned to assess whether identified mitigation strategies are being implemented in a timely fashion.

Walton County and all municipalities will seek outside funding sources to implement mitigation projects in both the pre-disaster and post-disaster environments. When applicable, potential funding sources have been identified and targeted for the proposed actions listed in the mitigation strategies. It will be the responsibility of each participating jurisdiction to determine additional implementation procedures beyond those listed within the Walton County Hazard Mitigation Plan.

This plan, as a joint effort between Walton County and the Municipalities of Between, Good Hope, Jersey, Loganville, Monroe, Social Circle, and Walnut Grove will serve as a comprehensive mitigation plan. The mitigation strategies, hazard identification, and other information identified in this plan will be integrated into all comprehensive Walton County plans, as well as all municipality plans in the future. Incorporation of these strategies will occur, as necessary, throughout this planning cycle covered by this Hazard Mitigation Plan Update. Aspects of this plan will be integrated into the Walton County Comprehensive Plan during the next planning cycle.

Identified hazards and mitigation strategies of the 2015 Walton County Hazard Mitigation plan were integrated into the Local Emergency Operations Plan, multiple County and City SOPs and SOGs, and future planning and zoning plans. Walton County will integrate mitigation strategies identified in this plan into the Walton County Comprehensive Plan, Community Wildfire Protection Plan, Continuity of Operations Plan, and other future plans. Strategies identified in the previous plan were applied to grant applications, building and zoning requirements, and development planning considerations for Walton County and all municipalities.

Many of these strategies will be applied using previously identified policies and ordinances, including the NFIP compliance ordinances and water-use ordinances, which have now been applied countywide. All jurisdictions have the authority to adopt locally binding ordinances and policies to enhance the mitigation strategies in their jurisdiction.

The Legal and Regulatory Capability survey documents authorities available to the jurisdiction and/or enabling legislation at the state level affecting planning and land management tools that support local hazard mitigation planning efforts. The identified planning and land management tools are typically used by states and local jurisdictions to implement hazard mitigation activities.

Opportunities to integrate the requirements of this Plan into other local planning mechanisms shall continue to be identified. Some mitigation strategies may be included in the Walton County Joint Comprehensive Plan, the Walton County Community Wildfire Protection Plan, and will be considered during future land use and capital improvement planning initiatives. All municipalities participate as part of the Walton County Joint Comprehensive Plan. Although it is recognized that there are many possible benefits to integrating components of this Plan into other local planning mechanisms, the development and maintenance of this stand-alone Hazard Mitigation Plan is deemed by the Walton County Hazard Mitigation Planning Committee to be the most effective and appropriate method to implement local hazard mitigation actions at this time.

<i>Regulatory Tools/Plans</i>	<i>Regulatory Type: Ordinance, Resolution, Codes, Plans, Etc.</i>	<i>Local Authority</i>	<i>State Prohibited</i>	<i>Higher Authority</i>
Building Codes	County/Municipal Code	Yes	No	No
Capital Improvements Plan	Walton County Joint Comprehensive Plan; Annual Review per Walton County Code, Chapter 26, Article II, Section 26-61	Yes	No	No
Comprehensive Plan	Walton County Joint Comprehensive Plan	Yes	No	No
Economic Development Plan	Walton County Joint Comprehensive Plan	Yes	No	Yes

<i>Regulatory Tools/Plans</i>	<i>Regulatory Type: Ordinance, Resolution, Codes, Plans, Etc.</i>	<i>Local Authority</i>	<i>State Prohibited</i>	<i>Higher Authority</i>
Emergency Response Plan	Walton County Local Emergency Operations Plan (LEOP)	Yes	No	Yes
Emergency Management Accreditation Program		No	No	Yes
Flood Management Plan		Yes	No	No
Historic Preservation		Yes	No	No
National Flood Insurance Program Participation		Yes	No	Yes
Continuity of Government/ Operations Plan		No	No	No
Post-Disaster Ordinance	Walton County Code Chapter 22, Article III	Yes	No	No
Zoning Ordinances	County and Municipal Codes (Monroe, Social Circle, and Walnut Grove have own codes while other municipalities have adopted county zoning requirements)	Yes	No	No

Evaluation

Requirement §201.6(c)(4)(i)

Periodic revisions and updates of the Walton County Hazard Mitigation Plan may be required to ensure that the goals of this plan are kept current with federal, state, and local regulations. These revisions should also consider any potential changes in the hazard vulnerability and mitigation priorities of Walton County.

The Walton County Hazard Mitigation Plan Update Committee will meet annually to review the Walton County Hazard Mitigation Plan. During this annual review, mitigation strategies will be reviewed to evaluate the progress that has occurred for each identified mitigation strategy. The Walton County Hazard Mitigation Plan Update Committee will also meet following any disaster event to review the identified mitigation strategies for that hazard and determine if timelines should be adjusted or additional mitigation strategies should be identified and added to the plan. These steps will ensure that the Walton County Hazard Mitigation Plan is continuously updated to allow for changes in hazard vulnerabilities and identified mitigation strategies.

The Walton County Hazard Mitigation Plan Update Committee will complete all evaluations of the Walton County Hazard Mitigation Plan.

Peer Review

State Requirement Element F1

To maintain standards of quality, improve performance, and provide credibility to the Walton County Hazard Mitigation Plan Update, representatives of local emergency management agencies bordering Walton County conducted a peer review of the Plan. The peer review of this Plan constitutes a form of self-regulation, accountability, and new insights offered by qualified professionals in neighboring communities, which face many of the same natural and man-made hazards.

Walton County Hazard Mitigation Plan Update was peer reviewed by:

Greg Swanson
Director
Gwinnett County Office of Emergency Management

Date

Jody Nolan
Director
Newton County Emergency Management Agency

Date

Gwen Ruark
Director
Morgan County Emergency Management Agency

Date

Penny Clack
Director
Barrow County Emergency Management Agency

Date

Plan Update

Requirement §201.6(c)(4)(i)

The Federal Disaster Mitigation Act of 2000 requires that the Hazard Mitigation Plan be updated at least once every five years. The Walton County Emergency Management Agency is the department responsible with ensuring this requirement is met. The Walton County Hazard Mitigation Plan Update Committee will be involved in this future process and will aid the Walton County Emergency Management Agency in ensuring that all jurisdictions provide input into the planning process. The public will be invited to participate in the planning process through public hearings to be held whenever major updates to this plan are needed and during annual review meetings. This plan will expire in the fourth quarter of 2025; therefore, the approval and adoption of the next plan update must be completed before that time.

In the first quarter of 2023, Walton County plans to begin the Hazard Mitigation Plan Update process for the fourth time. This planning process will include bi-monthly meetings to accomplish the identified goals of the Walton County Hazard Mitigation Plan Update. This process will be headed up by the Walton County Emergency Management Agency. The Walton County Hazard Mitigation Planning Committee will follow a similar process as was undertaken during this planning cycle to complete all FEMA and GEMA requirements for the Hazard Mitigation Plan Update. This process will be completed by the third quarter of 2024 to meet all identified planning deadlines.

Conclusion

As a result of the hazard mitigation planning process, Walton County, and all municipalities therein, as well as additional participating organizations have obtained a great deal of information and knowledge regarding Walton County's disaster history, natural and technological hazards, vulnerabilities, and potential strategies to lessen the impacts of the identified hazards.

One consistent theme identified by the Walton County Hazard Mitigation Planning Committee was the inability to consistently identify geographic locations that were more vulnerable to most hazards due to the widespread potential effects and random impact areas each hazard could have. This was exceedingly true for most natural hazards. Recognizing this challenge, the Walton County Hazard Mitigation Plan Update Committee determined it was best to identify many mitigation goals, objectives, and strategies that were both general and specific in nature. These strategies allow the Walton County Hazard Mitigation Plan Update Committee to adopt strategies that will have the greatest positive effect on the greatest amount of the population.

Appendix A – Walton County Dams Information*Category I Dams*

Name	Latitude	Longitude	Height (feet)	Storage (acres)
Buccaneer Lake Dam	33.817910	-83.716260	38.00	1300.00
Hard Labor Creek Reservoir Dam	33.681667	-83.632222	97.00	76420.00
Jt Briscoe Reservoir Dam	33.830000	-83.767222	32.00	3036.00

Category II Dams

Name	Latitude	Longitude	Height (feet)	Storage (acres)
Adcock Dam	33.700556	-83.680000	35.00	187.00
Arnold Dam	33.706667	-83.740000	24.00	126.00
Aycock Lake Dam	33.813611	-83.689444	25.00	68.00
Big Bass Lake Dam	33.817778	-83.718611	24.00	201.00
Bradley Dam	33.638333	-83.665833	18.00	115.00
Bruce Lake Dam	33.854444	-83.757222	30.00	182.00
Calhoun Dam	33.731944	-83.858333	28.00	99.00
Camp Dam	33.772222	-83.769444	20.00	77.00
Dalrymple Lake Dam Lower	33.700556	-83.680000	29.00	65.00
Dalrymple Lake Dam Upper	33.700556	-83.680000	44.00	120.00
Emerald Cove Lake Dam	33.749167	-83.859444	28.00	94.00
Fairweather Farms Irrigation Lake Dam	33.720556	-83.681944	36.00	295.00
Henderson Dam	33.765833	-83.920000	28.00	102.00
Hickman Dam	33.769444	-83.909722	23.00	121.00
Kelly Lake Dam (Lower)	33.736111	-83.729722	14.00	82.00
Lake Monroe Dam	33.800833	-83.769722	22.00	174.00
McGarity Dam	33.691667	-83.720833	28.00	131.00
Monroe Mountain Creek Oxidation Pond	33.766667	-83.069444	15.00	275.00
Porterfield Lake Dam	33.781111	-83.638611	31.00	90.00
Proposed Danielly Lake Dam	33.748333	-83.912500	37.00	270.00
Rainbow Lake Dam	33.778056	-83.791111	26.00	99.00
Roberts Irrigation Lake Dam	33.750000	-83.783333	24.00	840.00
Shephard Dam	33.693611	-83.818611	31.00	160.00
Trucker Farm Pond	33.810278	-83.832194	19.00	132.00
Wellman Lake Dam	33.727222	-82.738889	26.00	225.00
West Lake Dam	33.789444	-83.906944	38.00	120.00
Whitley Dam	33.688889	-83.758611	21.00	107.00
Williams Lake Dam	33.721389	-83.723611	38.00	248.00
Wood Lake Dam	33.699167	-83.642500	50.00	460.00

Appendix B – Walton County Hazard Mitigation Planning Committee Sign-In Sheets

Walton County Hazard Mitigation Plan Update
Committee Meeting #1

Sign-In Sheet

(37)

Friday, September 27, 2019

Name/Title	Signature	E-mail Address	Agency/Organization
Shari Gray / Supervisor		Shari.gray@Co.Walton.ga.us	Walton Co. Animal Control
Rick MAYSON		Richardmayson@arcncost.net	Walton Co. CITIZEN
Randy Gornitt		georgegarnette@windstream.net	City of Good Hope
Jeff Carter - Head of Emergency Response		Jeffrey.Carter@takeda.com	Takeda
Beth Armstrong		beth.phr@gmail.com	WCBDC
HAL Green		halgreen93@hottail.com	MRC / CCC
Cat Korac		cat.korac@dph.ga.gov	WCEA
Bill Owens		wowens@monroega.gov	City of Monroe
Brandon Phillips		bphillips@loganville-ga.gov	City of Loganville
Shannon Parr		Shannon.parr@co.walton.ga.us	Walton IT Dept
Jody Carter		jody.carter@co.walton.ga.us	WCEMS

Walton County Hazard Mitigation Plan Update
Committee Meeting #1

Sign-In Sheet

Friday, September 27, 2019

Name/Title	Signature	E-mail Address	Agency/Organization
✓ Kevin Hill / EM Specialist		Kevin.hill@grinnetccamp.com	Grinnett EMA
✓ Kyle Hamby Reg. Compliance Supv.		Kyle.hamby@lawrencemills.org	Lawrenceville Gas
✓ Ray Johnson		rjohnson@co.walton.ga.us	Walton Co.
✓ Holly Stephenson		holly.stephenson@co.walton.ga.us	Walton Co Risk Management
✓ RENEE SMITH, EHS		renee.smith@dph.ga.gov	W.C. ENVIRONMENTAL HEALTH
✓ Jayson Davis		JAYSON.DAVIS@lawrencevillega.org	City of Lawrenceville Gas
✓ Abnatis Jordan, Dir. - LEAD		abnatis.jordan@co.walton.ga.us	Walton Co Water
✓ Linda Hanna / CFO		linda.hanna@co.walton.ga.us	WCC
✓ Marcus Jaws		marcus.jaws@lawrencevillega.org	City of Lawrenceville
✓ Greg Veinik		greg.veinik@walton.k12.ga.us	Walton County Schools
✓ Bob Allen		ballen@walton.k12.ga.us	Walton Co. Schools

Walton County Hazard Mitigation Plan Update
Committee Meeting #1

Sign-In Sheet

Friday, September 27, 2019

Name/Title	Signature	E-mail Address	Agency/Organization
✓ Rick Baker, CPC	<i>Rick Baker</i>	familyfoundationsga@gmail.com	The Partnership/LEPC
✓ Robb Buever, EMT/EMT-Paramedic	<i>Robb Buever</i>	rgroves@socialinlinega.com	City of Social Circle
✓ Suzanne Barrett	<i>Suzanne Barrett</i>	emtp8514@gmail.com	Walton Co. EMS
✓ Tabatha Knight	<i>Tabatha Knight</i>	tabatha.knight@cityofwalton.com	City of Walton
✓ Denise Lark	<i>Denise Lark</i>	Denise.Lark@dfs.ga.gov	Department of Family Services
✓ Sandi Saffold	<i>Sandi Saffold</i>	sandi.saffold@hitachi-automotive.us	Hitachi Automotive
✓ William Jennings	<i>William Jennings</i>	bill.jennings@co.walton.ga.us	Walton County EMS

Walton County Hazard Mitigation Plan Update
Committee Meeting #2

Sign-In Sheet (43)

Friday, October 25, 2019

Name/Title	Signature	E-mail Address	Agency/Organization
William Ayers ^{LEPC} chair	<i>William Ayers</i>	bill_ayers@outlook.com	Red Cross / LEPC
Brian Thompson	<i>Brian Thompson</i>	bkt@novecga.gov	Monroe
Thany Grant	<i>Thany Grant</i>	sgarygrant@wilton.com	Coastal Home
Bradley G. Stanley	<i>Bradley G. Stanley</i>	bradleystanley1224@gmail.com	CEAT / Citizens Corps
Ronda Bell	<i>Ronda Bell</i>	rbell@madisonga.gov	City of Madison
Senid Saffola	<i>Senid Saffola</i>	sandi_saffola@hitachi-automotive.com	Hitachi
Stan Edwards	<i>Stan Edwards</i>	waltded@gmail.com	Citizen Corps Council
Denise Lark	<i>Denise Lark</i>	denise.lark@dhs.ga.gov	Reg. 5 DFCS
HUGO BRYAN-FORTGE	<i>Hugo Bryan-Fortge</i>	hugo@lwc.net	LightHouse Church

Walton County Hazard Mitigation Plan Update
Committee Meeting #2

Sign-In Sheet

Friday, October 25, 2019

Name/Title	Signature	E-mail Address	Agency/Organization
✓ Shannon Parr		Shannon.parr@co.walton.ga.us	IT Dept.
✓ Matt McClung		matt.mccclung@monroe.ga.gov	Monroe Police
✓ Carl Morrow		carl.morrow@co.walton.ga.us	Walton County EMA
✓ John Pilgrim		jpilgrim@monroe.ga.gov	Monroe Police
✓ Renee Smith		reneesmith@dph.ga.gov	
✓ Catalina Kovee		cat.kovee@dph.ga.gov	WCEH
✓ John Bluman PWS Director		jbluman@co.walton.ga.us	WCFW
✓ Kevin Hanley		khaley@co.walton.ga.us	WCFR

Walton County Hazard Mitigation Plan Update
Committee Meeting #2

Sign-In Sheet

Friday, October 25, 2019

Name/Title	Signature	E-mail Address	Agency/Organization
✓ Sabrina Westbrook	<i>Sabrina Westbrook</i>	sabrina.westbrook@pedmont.org	Piedmont Walton
✓ David Adcock	<i>David Adcock</i>	dadcock@socialcircle.ga.gov	City Social Circle
✓ Rusty Johnson	<i>Rusty Johnson</i>	rjohnson@malison.com	City of Malison
✓ Bonnie Fulcher	<i>Bonnie Fulcher</i>	Bonnie.Fulcher@monroe.ga.gov	City of Monroe
✓ Cathy Halgett	<i>Cathy Halgett</i>	chalgett@monroega.gov	City of Monroe
✓ Hal Owen	<i>Hal Owen</i>	halowen99@hotmail.com	Walton Co MRC
✓ Bill Owens	<i>Bill Owens</i>	wowens@monroega.gov	City of Monroe
✓ R.V. WATTS	<i>R.V. Watts</i>	RWATTS@MONROEGA.GOV	CITY OF MONROE
✓ Ray Johnson	<i>Ray Johnson</i>	ray.johnson@yohoo.com	Walton County

Walton County Hazard Mitigation Plan Update
Committee Meeting #2

Sign-In Sheet

Friday, October 25, 2019

Name/Title	Signature	E-mail Address	Agency/Organization
✓ Jessica deBenedictis waste water manager	<i>J deBene</i>	jdebenedictis@walmnrga.gov	City of Monroe
✓ Bryan Pittman Ops Supervisor	<i>Bryan Pittman</i>	bpittman@monroega.gov	City of Monroe
✓ Wendra Williams Director GII	<i>Wendra Williams</i>	wwilliams@co.walton.ga.us	Walton County, GA
✓ Shawn Morris Supervisor Waste Water Mgmt	<i>Shawn Morris</i>	shawn.morris@co.walton.ga.us	W.C. ANIM CONCO
✓ Holly Stephenson Risk management WATER	<i>Holly Stephenson</i>	holly.stephenson@co.walton.ga.us	W.C. Risk Management
✓ Mark's Jordan WATER	<i>Mark's Jordan</i>	mark.jordan@co.walton.ga.us	WATER
✓ Daniel Nix	<i>Daniel Nix</i>	daniel.nix@walton.k12.ga.us	WBOE maint.
✓ Brandon Phillips	<i>Brandon Phillips</i>	bphillips@loganville-ga.gov	City of Loganville
✓ Jayson Davis	<i>Jayson Davis</i>	Jayson.davis@loganvillega.org	City of Loganville

Walton County Hazard Mitigation Plan Update
Committee Meeting #2

Sign-In Sheet

Friday, October 25, 2019

Name/Title	Signature	E-mail Address	Agency/Organization
✓ Rodney Middlebrooks		rmiddlebrooks@monroe.ga.gov	City of Monroe
✓ Zane White		Zane.White@hitech-adventures.com	Hitech
✓ Tim Mobley		Tmobley@monroe.ga.gov	City of Monroe
✓ Shari Gray		shari.gray@walton.gov	Animal Control
✓ Hank Shirley		hshirley@walton.gov	Walton Bee Festival/Risk
✓ John Alderman		ALDERMAN@HACR.com	CERT
✓ Robb Bellwood (Environmental Comp. Sp)		rbgroves@socialcirclega.com	City of Social Circle
✓ Jeff Fuesting		JFUESTING@SOCIALCIRCLEGA.COM	SCPD

Walton County Hazard Mitigation Plan Update
Committee Meeting #3

Sign-In Sheet

(42)

Friday, January 24, 2020

Name/Title	Signature	E-mail Address	Agency/Organization
✓ John Alderman	<i>John Alderman</i>	alderman@wccrc.gov	CCRT
✓ Robbie Thorne	<i>Robbie Thorne</i>	r.groves@socialcarelogan.com	City of Social Circle
✓ Joseph Starnil	<i>J Starnil</i>	jstarnil@loganville-ga.gov	Loganville
✓ Chris Taylor	<i>Chris Taylor</i>	ctaylor@loganville-ga.gov	Loganville
✓ Cathy Harsh	<i>Cathy Harsh</i>	chaharsh@monroe.ga.gov	Monroe
✓ Bill Braswell	<i>Bill Braswell</i>	bbraswell@loganville-ga.gov	Loganville
✓ Kyle Hamby	<i>Kyle Hamby</i>	k.hamby@lawrencecolleges.org	Lawrenceville
✓ Creds Jones	<i>Creds Jones</i>	ljones@loganville-ga.gov	Loganville
✓ Wendy Brack	<i>Wendy Brack</i>	wendy.brack@newtonemts.com	Newton EMT
✓ Linda Hanna	<i>Linda Hanna</i>	linda.hanna@wccrc.org	WCCRC
✓ Josh Bowman	<i>Josh Bowman</i>	joshua.bowman@dcph.ga.gov	DPH Emergency Preparedness

Walton County Hazard Mitigation Plan Update
Committee Meeting #3

Sign-In Sheet

Friday, January 24, 2020

Name/Title	Signature	E-mail Address	Agency/Organization
✓ Sandi Saffold / HSE Mgr		Sandi.saffold@wctechi -autonomous.us	Hitech
✓ Zane White HSE Analyst		Zane.white@hitech- autonomous.us	Hitech
✓ Matthew Peters		mpeters@monroe.ga.gov	City of Monroe GAS
✓ Renee Smith		rene.smith@dph.ga.gov	W.C. Env. Health
✓ Bill Owens		owens@monroega.gov	City of Monroe
✓ Wendra Williams		wwilliams@co.walton.ga.us	Walton 911
✓ Sabrina Westbrook		sabrina.westbrook@piedmont.org	Piedmont Water
✓ Patrice Branghton Public Information		patrice.branghton@walton.ga.us	Walton County Soc.

Walton County Hazard Mitigation Plan Update
Committee Meeting #3

Sign-In Sheet

Friday, January 24, 2020

Name/Title	Signature	E-mail Address	Agency/Organization
✓ Randy Gannett		gannett@waltoncountynv.com	City of Good Hope #42
✓ Jimmy Guthrie		townofgoodhope@waltoncountynv.com	City of Good Hope
✓ Sheri Gray		sherigray@waltoncountynv.com	Animal Control
✓ Michael McDaniel		mmcdaniel@loganville-ga.gov	City of Loganville
✓ David Adcock		dadcock@socialcircle.ga.gov	City of Social Circle
✓ Jayson Davis		Jayson.davis@lawrenceville.ga.gov	City of Lawrenceville
✓ Stan Edwards		stan.edwards@gmail.com	Walton Citizen Corps Council
✓ Elizabeth Jones		LANDON6498@gmail.com	Alternative Energy Southeast
✓ Schelle Howard		showard.eco.newton-ga.us	Newton Co. Fire
✓ Terrace Swann		patrick.swann@waltoncountynv.com	Walton County Fire Service
✓ Naples Smith		naples.jacobs.eco.walton-ga.us	WCFD

Walton County Hazard Mitigation Plan Update
Committee Meeting #3

Sign-In Sheet

Friday, January 24, 2020

Name/Title	Signature	E-mail Address	Agency/Organization
✓ Tommy McShan		tmcsh@waltoncountyga.gov	City of Marietta
✓ Jody Carter		jody.carter@waltoncountyga.gov	EMS
✓ Vashon Hill		VHill@waltoncountyga.gov	City of Marietta
✓ William Ayers		W.Ayers@waltoncountyga.gov	Red Cross
✓ Bryan Pittman		bpittman@waltoncountyga.gov	Marietta
✓ John Culman		john.culman@waltoncountyga.gov	Walton County
✓ Brandon Phillips		bphillips@waltoncountyga.gov	Logansville
✓ Catalina Kovac		Cat.Kovac@waltoncountyga.gov	Walton County EMA
✓ Carl Morrow		cmorrow@waltoncountyga.gov	Walton Fire
✓ Craig League		cleague@waltoncountyga.gov	Walton Fire
✓ Kevin Hickey		khickey@waltoncountyga.gov	Walton Fire

Walton County Hazard Mitigation Plan Update
Committee Meeting #4

Sign-In Sheet

Friday, February 28, 2020

(27)

Name/Title	Signature	E-mail Address	Agency/Organization
✓ Ty Vance / WCSO	<i>[Signature]</i>	tvance@co.walton.fl.us	WCSO
✓ Kevin Honey Chief	<i>[Signature]</i>	khoney@co.walton.fl.us	W/F/W Fire
✓ Andrew Dyke	<i>[Signature]</i>	adyles@moscogga.gov	Moss Fire
✓ SIMANTUA ROSE / SCDP	<i>[Signature]</i>	rose@scdp.org	SCDP
✓ JEFF FURSTING / CHIEF OF POLICE	<i>[Signature]</i>	JeffFursting@scdp.org	SCDP
✓ Stan Edwards	<i>[Signature]</i>	stan.edwards@gmail.com	Walton Citizens League
✓ David Adcock	<i>[Signature]</i>	dadcock@socialcirclega.com	City of Social Circle
✓ Sandi Saffold	<i>[Signature]</i>	saffold@hitachi.com	Hitachi Automation
✓ Zane White	<i>[Signature]</i>	zane.white@hitachi.com	Hitachi
✓ Shanon Morris	<i>[Signature]</i>	shanon.morris@co.walton.fl.us	W. Animal Control
✓ Randy Spawnt	<i>[Signature]</i>	randy.spawnt@cityofgoodhope.com	City of Good Hope

Also attended: Maxine McClanahan - Citizen - City of Walnut Grove. Labor March Form available upon request to prove attendance.
Carol D. Witcher - Former Councilwoman - City of Walnut Grove. Labor March Form available upon request to prove attendance.

Walton County Hazard Mitigation Plan Update
Committee Meeting #4

Sign-In Sheet

Friday, February 28, 2020

Name/Title	Signature	E-mail Address	Agency/Organization
✓ Robbie Groves Envir-Dump	Robbie Groves	rgroves@socialinleisure.com	City of Social Circle
✓ Elizabeth Jones Historic Preservation	Elizabeth Jones	landan6488@gmail.com	University of Georgia/Memphis
✓ Bill Ayers - Public Works	Bill H. Ayers	bill.ayers@okstateok.com	UoI
✓ Jayson Davis Gas Leasing & Sales	J.D.	jmdavis@alamedacounty.ca.us	City of Lawrenceville
✓ Shari Gray Animal Control	Shari Gray	shari.gray@co.walton.ga.us	Walton Co. Animal Control

Walton County Hazard Mitigation Plan Update 2020**Virtual Committee Meeting #5 Attendees****via Zoom Video Communications**

Wednesday, July 29, 2020

William H. Ayers*Vice Chair – East Georgia Local Emergency Planning Committee (LEPC)**Disaster Services Technology – American Red Cross***Jayson Davis***Training and Safety*

City of Lawrenceville Gas Department (Gwinnett County, Georgia)

W. Stanley “Stan” Edwards, PhD.*Disaster Preparedness Consultant**Treasurer - Walton County Citizens Corps Council***Randy Garrett***Volunteer*

City of Good Hope Planning and Zoning Department

Robbie Groves*Environmental Compliance Specialist*

City of Social Circle

Kevin Haney*Fire Chief*

Walton County Fire Rescue

Morris Jordan*Director*

Walton County Board of Commissioners – Water Department (WCWSA)

Denise H. Lark*Regional Resource Coordinator – Region 5 and Region 2*

Georgia Department of Family and Children Services

C. Richard Mayson*Local Citizen, Volunteer*

Walton County

Carl Morrow*Director*

Walton County Emergency Management Agency

Walton County Hazard Mitigation Plan Update 2020
Virtual Committee Meeting #5 Attendees
via Zoom Video Communications
Wednesday, July 29, 2020

Bradley G. Stanley
Community Emergency Response Team (CERT) Coordinator
Walton County Citizens Corps Council

Sabrina Westbrook, R.N.
ICU Nurse; Trauma Register; Emergency Preparedness Team – Piedmont Walton Hospital
Secretary – East Georgia Local Emergency Planning Committee

Appendix C – Walton County Critical Facilities

Name	Jurisdiction	Facility Types
Jersey Christian Academy	Jersey town	NGO, Private
Grand Haven	Good Hope town	Medical, ALF
Good Hope City Hall	Good Hope town	Government, Government Offices
George Walton Academy	Walton County	NGO, Private
GA Forestry Commission - Morgan-Walton	Walton County	Emergency Services, Fire Fighters
City of Social Circle	Walton County	Government, Government Offices
City of Jersey	Jersey town	Government, Government Offices
Brentwood	Monroe city	Medical, ALF
Between City Hall	Between town	Government, Government Offices
Alcovy River Pump Station	Walton County	Emergency Services, Water/Sewer
WCPS - Sharon Elementary School	Walton County	Education, K - 12
WCPS - Walker Park Elementary School	Walton County	Education, K - 12
WCPS - Walnut Grove Elementary School	Walton County	Education, K - 12
WCPS - Walnut Grove High School	Walnut Grove town	Education, K - 12
WCPS - Youth Elementary School	Walton County	Education, K - 12
WCPS - Youth Middle School	Walton County	Education, K - 12
West Walton Government Center	Loganville city	Government, Government Offices
Jersey City Hall	Jersey town	Government, Government Offices
Jersey Road Old AT&T Tower Site	Walton County	Emergency Services, Communications
Jersey Volunteer Fire Department	Jersey town	Emergency Services, Fire Fighters
John T. Briscoe Reservoir	Walton County	Government, Water/Sewer
Lighthouse World Outreach Center	Walton County	NGO, Non-Profit
Loganville City Hall	Loganville city	Government, Government Offices
Loganville Fire Department	Loganville city	Emergency Services, Fire Fighters
Loganville WPCP	Loganville city	Government, Water/Sewer
Monroe (Jack's Creek WPCP)	Walton County	Government, Water/Sewer
Monroe City Hall/Monroe Utilities Network	Monroe city	Government, Government Offices
Monroe Fire Department	Monroe city	Emergency Services, Fire Fighters
Monroe Police Department	Monroe city	Law Enforcement, Police
Monroe Water Treatment Plant	Monroe city	Government, Water/Sewer
Monroe-Walton County Airport	Monroe city	Government, Transportation
Monroe-Walton County Library	Monroe city	Education, Library
O'Kelly Memorial Library	Loganville city	Education, Library
Piedmont Walton Hospital	Monroe city	Medical, Hospital
SCPS - Social Circle Elementary School	Social Circle city	Education, K - 12
SCPS - Social Circle Middle/High School	Social Circle city	Education, K - 12

SCPS - Social Circle Primary School	Social Circle city	Education, K - 12
Social Circle City Hall	Social Circle city	Government, Government Offices
Social Circle Fire Department	Social Circle city	Emergency Services, Fire Fighters
Social Circle Little River WPCP	Social Circle city	Government, Water/Sewer
Social Circle Police Department	Social Circle city	Law Enforcement, Police
Tractor Supply Lift Station	Walton County	Government, Water/Sewer
W. H. Stanton Memorial Library	Social Circle city	Education, Library
Walnut Grove Town Hall	Walnut Grove town	Government, Government Offices
Walton County IT Department	Walton County	Government, Government Offices
Walton County 911 Center	Walton County	Emergency Services, Government Offices
Walton County Animal Control	Walton County	Emergency Services, Government Offices
Walton County Communications Tower site	Walton County	Emergency Services, Communications
Walton County Department of Children and Family Services	Walton County	Government, Government Offices
Walton County Environmental Health	Walton County	Emergency Services, Government Offices
Walton County Fire Rescue - Station 03	Walnut Grove town	Emergency Services, Fire Fighters
Walton County Fire Rescue - Station 07	Walton County	Emergency Services, Fire Fighters
Walton County Water Department	Walton County	Government, Sheriff
Walton County Vehicle Maintenance Shop	Walton County	Emergency Services, Government Offices
Walton County Sheriff's Office	Monroe city	Law Enforcement, Sheriff
Walton County Schools BOE Annex	Walton County	Education, K - 12
Walton County School Transportation Facility	Walton County	Education, Transportation
Walton County School Fuel Facility	Walton County	Education, Transportation
Walton County Public Works	Walton County	Emergency Services, Government Offices
Walton County Public Schools - Board of Education	Monroe city	Education, K - 12
Walton County Jail	Monroe city	Law Enforcement, Jails
Walton County Historic Courthouse	Monroe city	Government, Court House
Walton County Heavy Equipment Shop	Walton County	Emergency Services, Government Offices
Walton County Health Department	Walton County	Medical, Medical Offices
Walton County Government Building	Monroe city	Government, Government Offices
Walton County Fire Rescue/Emergency Management Headquarters	Walton County	Emergency Services, EMA
Walton County Fire Rescue - Station 4	Walton County	Emergency Services, Fire Fighters
Walton County Fire Rescue - Station 13	Walton County	Emergency Services, Fire Fighters

Walton County Fire Rescue - Station 12	Walton County	Emergency Services, Fire Fighters
Walton County Fire Rescue - Station 11	Walton County	Emergency Services, Fire Fighters
Walton County Fire Rescue - Station 10	Walton County	Emergency Services, Fire Fighters
Walton County Fire Rescue - Station 09	Walton County	Emergency Services, Fire Fighters
Walton County Fire Rescue - Station 08	Walton County	Emergency Services, Fire Fighters
WCPS - Monroe Elementary School	Monroe city	Education, K - 12
WCPS - Monroe Area High School	Monroe city	Education, K - 12
WCPS - Loganville Middle School	Loganville city	Education, K - 12
WCPS - Loganville High School	Loganville city	Education, K - 12
WCPS - Loganville Elementary School	Loganville city	Education, K - 12
WCPS - Carver Middle School	Walton County	Education, K - 12
WCPS - Blaine Street Elementary School	Monroe city	Education, K - 12
WCPS - Bay Creek Elementary School	Loganville city	Education, K - 12
WCPS - Atha Road Elementary School	Walton County	Education, K - 12
WCPS - Alternative Education/Performance Learning Center & Career Academy	Monroe city	Education, K - 12
Walton Road Booster Pump	Walton County	Emergency Services, Water/Sewer

Appendix D – Hazard Data Tables

Thunderstorms

Location	County/Zone	St.	Date	Time	T.Z.	Type	Mag	Dth	Inj	PrD	CrD
Totals:								0	2	56.474M	0.00K
WALTON CO.	WALTON CO.	GA	06/05/1973	14:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	03/21/1974	04:15	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	04/08/1974	15:30	CST	Hail	1.75 in.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	04/08/1974	15:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	04/08/1974	15:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	04/08/1974	15:30	CST	Hail	0.75 in.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	03/13/1975	18:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	08/17/1978	14:25	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	07/05/1979	11:25	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	05/14/1981	21:45	CST	Hail	1.75 in.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	05/30/1982	16:00	CST	Hail	1.75 in.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	05/30/1982	20:30	CST	Hail	0.75 in.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	06/12/1982	11:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	07/13/1982	21:45	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	05/29/1983	15:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	03/28/1984	14:50	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	05/02/1984	17:08	CST	Hail	1.00 in.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	05/02/1984	17:50	CST	Hail	1.00 in.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	05/02/1984	17:50	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	05/02/1984	18:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K

WALTON CO.	WALTON CO.	GA	05/03/1984	14:35	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	11/10/1984	18:15	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	04/05/1985	19:40	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	06/07/1985	16:10	CST	Thunderstorm Wind	52 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	03/13/1986	07:40	CST	Thunderstorm Wind	51 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	06/08/1986	14:15	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	11/20/1986	09:05	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	06/17/1988	15:00	CST	Thunderstorm Wind	0 kts.	0	2	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	06/18/1988	15:50	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	07/09/1988	16:22	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	04/04/1989	13:22	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	06/05/1989	13:40	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	08/25/1989	20:45	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	10/01/1989	19:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	11/01/1989	19:50	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	01/25/1990	09:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	02/10/1990	05:33	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	03/16/1990	18:05	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	04/10/1990	17:25	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	04/28/1990	13:16	CST	Hail	0.88 in.	0	0	0.00K	0.00K

WALTON CO.	WALTON CO.	GA	05/28/1990	14:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	08/05/1990	16:12	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	08/22/1990	18:45	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	03/01/1991	17:15	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	03/01/1991	17:30	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	04/27/1991	17:50	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	04/29/1991	12:50	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	05/05/1991	14:00	CST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	02/26/1992	01:00	PST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	03/06/1992	19:30	CST	Hail	2.00 in.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	03/06/1992	20:00	PST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
WALTON CO.	WALTON CO.	GA	07/05/1992	16:52	PST	Thunderstorm Wind	0 kts.	0	0	0.00K	0.00K
Monroe	WALTON CO.	GA	02/21/1993	22:25	EST	Thunderstorm Wind	100 kts.	0	0	50.000M	0.00K
Loganville	WALTON CO.	GA	05/13/1993	11:35	EST	Hail	1.00 in.	0	0	0.00K	0.00K
Social Circle	WALTON CO.	GA	05/31/1993	14:05	EST	Thunderstorm Wind	0 kts.	0	0	5.00K	0.00K
Watkinsville	WALTON CO.	GA	06/27/1994	05:30	EST	Hail	1.75 in.	0	0	0.00K	0.00K
Mount Vernon	WALTON CO.	GA	06/10/1995	21:30	EST	Hail	1.75 in.	0	0	0.00K	0.00K
WALTON AND OCONEE CO.	WALTON AND OCONEE CO.	GA	06/10/1995	22:00	EST	Thunderstorm Wind	0 kts.	0	0	0.75K	0.00K
Loganville	WALTON CO.	GA	09/01/1995	16:30	EST	Thunderstorm Wind	0 kts.	0	0	1.00K	0.00K
Monroe	WALTON CO.	GA	09/01/1995	16:30	EST	Thunderstorm Wind	0 kts.	0	0	1.00K	0.00K
MONROE	WALTON CO.	GA	03/15/1996	16:00	EST	Hail	0.75 in.	0	0	0.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	03/15/1996	17:15	EST	Hail	0.75 in.	0	0	0.00K	0.00K

MONROE	WALTON CO.	GA	04/13/1996	16:22	EST	Hail	1.75 in.	0	0	0.00K	0.00K
MONROE	WALTON CO.	GA	02/21/1997	14:30	EST	Thunderstorm Wind		0	0	100.00K	0.00K
MONROE	WALTON CO.	GA	03/05/1997	19:25	EST	Thunderstorm Wind		0	0	2.00K	0.00K
MONROE	WALTON CO.	GA	03/25/1997	19:10	EST	Hail	0.75 in.	0	0	0.00K	0.00K
MONROE	WALTON CO.	GA	04/19/1997	19:15	EST	Thunderstorm Wind		0	0	0.50K	0.00K
MONROE	WALTON CO.	GA	04/22/1997	14:15	EST	Hail	1.00 in.	0	0	0.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	04/22/1997	18:05	EST	Thunderstorm Wind		0	0	2.50K	0.00K
LOGANVILLE	WALTON CO.	GA	06/25/1997	00:59	EST	Lightning		0	0	50.00K	0.00K
LOGANVILLE	WALTON CO.	GA	06/25/1997	19:50	EST	Thunderstorm Wind	68 kts.	0	0	15.00K	0.00K
LOGANVILLE	WALTON CO.	GA	06/25/1997	19:50	EST	Hail	1.75 in.	0	0	0.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	07/28/1997	18:05	EST	Hail	1.00 in.	0	0	0.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	09/10/1997	21:05	EST	Hail	1.75 in.	0	0	0.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	09/10/1997	21:22	EST	Hail	1.00 in.	0	0	0.00K	0.00K
GRATIS	WALTON CO.	GA	04/03/1998	17:30	EST	Hail	0.75 in.	0	0	0.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	04/03/1998	21:25	EST	Hail	0.75 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	04/08/1998	19:24	EST	Hail	1.00 in.	0	0	0.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	04/23/1998	15:08	EST	Hail	1.00 in.	0	0	0.00K	0.00K
BOLD SPGS	WALTON CO.	GA	05/03/1998	20:15	EST	Hail	1.00 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	05/07/1998	21:20	EST	Hail	1.75 in.	0	0	2.00K	0.00K
MONROE	WALTON CO.	GA	05/08/1998	00:10	EST	Hail	1.00 in.	0	0	0.00K	0.00K
MONROE	WALTON CO.	GA	06/16/1998	00:30	EST	Thunderstorm Wind		0	0	5.00K	0.00K
MONROE	WALTON CO.	GA	06/16/1998	16:59	EST	Hail	0.75 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	06/19/1998	11:42	EST	Hail	1.00 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	06/30/1998	20:12	EST	Thunderstorm Wind		0	0	1.00K	0.00K
MONROE	WALTON CO.	GA	04/15/1999	05:10	EST	Hail	1.00 in.	0	0	0.00K	0.00K
MONROE	WALTON CO.	GA	06/02/1999	18:20	EST	Hail	1.75 in.	0	0	0.00K	0.00K
MONROE	WALTON CO.	GA	06/02/1999	18:30	EST	Thunderstorm Wind		0	0	0.50K	0.00K

MONROE	WALTON CO.	GA	06/30/1999	16:00	EST	Thunderstorm Wind		0	0	1.50K	0.00K
GOOD HOPE	WALTON CO.	GA	02/14/2000	00:30	EST	Hail	0.75 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	06/25/2000	13:00	EST	Hail	1.25 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	06/25/2000	13:00	EST	Thunderstorm Wind		0	0	2.00K	0.00K
MONROE	WALTON CO.	GA	06/25/2000	13:38	EST	Thunderstorm Wind		0	0	1.50K	0.00K
LOGANVILLE	WALTON CO.	GA	07/12/2000	16:54	EST	Hail	0.75 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	07/12/2000	16:55	EST	Thunderstorm Wind		0	0	3.00K	0.00K
LOGANVILLE	WALTON CO.	GA	07/23/2000	14:05	EST	Hail	0.75 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	07/23/2000	14:35	EST	Thunderstorm Wind		0	0	3.00K	0.00K
LOGANVILLE	WALTON CO.	GA	07/23/2000	14:35	EST	Hail	1.75 in.	0	0	0.00K	0.00K
MONROE	WALTON CO.	GA	09/04/2000	20:15	EST	Thunderstorm Wind		0	0	5.00K	0.00K
LOGANVILLE	WALTON CO.	GA	02/16/2001	19:05	EST	Thunderstorm Wind		0	0	3.00K	0.00K
LOGANVILLE	WALTON CO.	GA	06/14/2001	17:10	EST	Hail	0.75 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	06/14/2001	17:10	EST	Lightning		0	0	5.00K	0.00K
LOGANVILLE	WALTON CO.	GA	04/28/2002	21:25	EST	Hail	0.88 in.	0	0	0.00K	0.00K
MONROE	WALTON CO.	GA	02/22/2003	07:35	EST	Hail	0.75 in.	0	0	0.00K	0.00K
MONROE	WALTON CO.	GA	02/22/2003	07:35	EST	Thunderstorm Wind	50 kts. EG	0	0	0.50K	0.00K
LOGANVILLE	WALTON CO.	GA	03/19/2003	23:50	EST	Hail	0.75 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	05/01/2003	18:27	EST	Hail	1.00 in.	0	0	0.00K	0.00K
COUNTYWIDE	WALTON CO.	GA	05/02/2003	17:45	EST	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
MONROE	WALTON CO.	GA	05/02/2003	17:45	EST	Hail	0.88 in.	0	0	0.00K	0.00K
COUNTYWIDE	WALTON CO.	GA	05/02/2003	19:40	EST	Thunderstorm Wind	50 kts. EG	0	0	25.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	07/16/2003	17:40	EST	Hail	0.75 in.	0	0	0.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	07/22/2003	13:30	EST	Thunderstorm Wind	52 kts. EG	0	0	35.00K	0.00K
MONROE	WALTON CO.	GA	08/16/2003	15:50	EST	Hail	0.75 in.	0	0	0.00K	0.00K

MONROE	WALTON CO.	GA	08/16/2003	15:50	EST	Thunderstorm Wind	45 kts. EG	0	0	0.25K	0.00K
JERSEY	WALTON CO.	GA	06/27/2004	19:00	EST	Thunderstorm Wind	39 kts. EG	0	0	0.25K	0.00K
LOGANVILLE	WALTON CO.	GA	07/04/2004	15:50	EST	Thunderstorm Wind	50 kts. EG	0	0	10.00K	0.00K
MONROE	WALTON CO.	GA	07/07/2004	23:00	EST	Thunderstorm Wind	50 kts. EG	0	0	1.00K	0.00K
MONROE	WALTON CO.	GA	07/14/2004	18:00	EST	Thunderstorm Wind	50 kts. EG	0	0	2.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	11/24/2004	11:00	EST	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
LOGANVILLE	WALTON CO.	GA	02/21/2005	13:50	EST	Hail	0.75 in.	0	0	0.00K	0.00K
MONROE	WALTON CO.	GA	02/21/2005	19:30	EST	Lightning		0	0	25.00K	0.00K
LOGANVILLE	WALTON CO.	GA	02/21/2005	19:40	EST	Hail	0.75 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	02/21/2005	20:03	EST	Hail	1.00 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	02/21/2005	20:30	EST	Hail	0.75 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	04/22/2005	13:00	EST	Hail	0.88 in.	0	0	0.00K	0.00K
COUNTYWIDE	WALTON CO.	GA	04/22/2005	13:22	EST	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
COUNTYWIDE	WALTON CO.	GA	07/01/2005	16:50	EST	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
MONROE	WALTON CO.	GA	08/17/2005	20:54	EST	Lightning		0	0	250.00K	0.00K
MONROE	WALTON CO.	GA	04/08/2006	03:50	EST	Thunderstorm Wind	39 kts. EG	0	0	1.00K	0.00K
LOGANVILLE	WALTON CO.	GA	05/25/2006	17:05	EST	Thunderstorm Wind	35 kts. EG	0	0	0.25K	0.00K
LOGANVILLE	WALTON CO.	GA	05/25/2006	17:15	EST	Hail	0.75 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	06/23/2006	18:10	EST	Thunderstorm Wind	39 kts. EG	0	0	1.00K	0.00K
MONROE	WALTON CO.	GA	01/05/2007	12:11	EST- 5	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
MONROE	WALTON CO.	GA	06/12/2007	18:35	EST- 5	Hail	0.75 in.	0	0	0.00K	0.00K
BETWEEN	WALTON CO.	GA	06/12/2007	18:45	EST- 5	Thunderstorm Wind	56 kts. EG	0	0	1.00K	0.00K
MT VERNON	WALTON CO.	GA	08/17/2007	14:40	EST- 5	Hail	1.25 in.	0	0	0.00K	0.00K

LOGANVILLE	WALTON CO.	GA	02/26/2008	07:03	EST-5	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	03/15/2008	15:20	EST-5	Hail	0.88 in.	0	0	0.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	03/15/2008	15:34	EST-5	Hail	2.75 in.	0	0	2.000M	0.00K
GOOD HOPE	WALTON CO.	GA	05/11/2008	02:20	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
CAMPTON	WALTON CO.	GA	05/20/2008	18:38	EST-5	Lightning		0	0	250.00K	0.00K
MONROE	WALTON CO.	GA	05/20/2008	18:39	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
GRATIS	WALTON CO.	GA	07/21/2008	18:10	EST-5	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
LOGANVILLE	WALTON CO.	GA	07/22/2008	18:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	08/02/2008	18:30	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	02/18/2009	18:03	EST-5	Hail	3.00 in.	0	0	2.500M	0.00K
WALNUT GROVE	WALTON CO.	GA	03/28/2009	15:45	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
JERSEY	WALTON CO.	GA	04/10/2009	20:28	EST-5	Hail	0.75 in.	0	0	0.00K	0.00K
GRATIS	WALTON CO.	GA	04/10/2009	21:00	EST-5	Lightning		0	0	10.00K	0.00K
BOLD SPGS	WALTON CO.	GA	04/23/2009	20:10	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	07/23/2009	18:40	EST-5	Thunderstorm Wind	36 kts. EG	0	0	1.00K	0.00K
LOGANVILLE	WALTON CO.	GA	08/04/2009	20:08	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
YOUTH	WALTON CO.	GA	01/21/2010	22:10	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	06/15/2010	17:37	EST-5	Thunderstorm Wind	50 kts. EG	0	0	20.00K	0.00K
BETWEEN	WALTON CO.	GA	06/25/2010	17:40	EST-5	Thunderstorm Wind	38 kts. EG	0	0	1.50K	0.00K
MONROE	WALTON CO.	GA	07/31/2010	17:38	EST-5	Thunderstorm Wind	50 kts. EG	0	0	4.00K	0.00K

WALNUT GROVE	WALTON CO.	GA	08/27/2010	02:05	EST-5	Thunderstorm Wind	43 kts. EG	0	0	5.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	08/27/2010	02:05	EST-5	Hail	0.88 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	04/04/2011	23:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	7.00K	0.00K
MONROE	WALTON CO.	GA	04/04/2011	23:37	EST-5	Lightning		0	0	300.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	05/26/2011	17:45	EST-5	Thunderstorm Wind	52 kts. EG	0	0	30.00K	0.00K
MONROE	WALTON CO.	GA	06/09/2011	15:28	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	06/15/2011	20:35	EST-5	Hail	0.88 in.	0	0	0.00K	0.00K
HERNDONVILLE	WALTON CO.	GA	06/18/2011	16:20	EST-5	Hail	1.75 in.	0	0	400.00K	0.00K
MONROE	WALTON CO.	GA	06/18/2011	17:15	EST-5	Thunderstorm Wind	39 kts. EG	0	0	1.00K	0.00K
MONROE	WALTON CO.	GA	06/18/2011	17:15	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	06/22/2011	15:49	EST-5	Thunderstorm Wind	39 kts. EG	0	0	4.00K	0.00K
MONROE	WALTON CO.	GA	12/22/2011	19:20	EST-5	Thunderstorm Wind	36 kts. EG	0	0	1.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	07/16/2012	16:44	EST-5	Thunderstorm Wind	50 kts. EG	0	0	4.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	07/17/2012	13:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	1.50K	0.00K
LOGANVILLE	WALTON CO.	GA	05/19/2013	05:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
BETWEEN	WALTON CO.	GA	06/02/2013	15:51	EST-5	Thunderstorm Wind	45 kts. EG	0	0	1.00K	0.00K
BOLD SPGS	WALTON CO.	GA	06/13/2013	19:10	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	06/18/2013	16:35	EST-5	Thunderstorm Wind	60 kts. EG	0	0	10.00K	0.00K
MONROE MUNI ARPT	WALTON CO.	GA	05/14/2014	18:15	EST-5	Thunderstorm Wind	60 kts. EG	0	0	2.50K	0.00K
MT VERNON	WALTON CO.	GA	05/25/2014	17:01	EST-5	Thunderstorm Wind	60 kts. EG	0	0	3.00K	0.00K

MONROE	WALTON CO.	GA	05/25/2014	17:01	EST-5	Lightning		0	0	50.00K	0.00K
BOLD SPGS	WALTON CO.	GA	06/17/2014	16:15	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	06/19/2014	19:10	EST-5	Thunderstorm Wind	50 kts. EG	0	0	2.00K	0.00K
MONROE	WALTON CO.	GA	08/08/2014	15:12	EST-5	Thunderstorm Wind	50 kts. EG	0	0	2.50K	0.00K
GOOD HOPE	WALTON CO.	GA	08/20/2014	14:50	EST-5	Thunderstorm Wind	50 kts. EG	0	0	1.50K	0.00K
PANNELL	WALTON CO.	GA	08/20/2014	15:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	2.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	08/20/2014	15:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	0.50K	0.00K
GOOD HOPE	WALTON CO.	GA	10/14/2014	06:10	EST-5	Thunderstorm Wind	55 kts. EG	0	0	10.00K	0.00K
JERSEY	WALTON CO.	GA	06/09/2015	15:47	EST-5	Thunderstorm Wind	55 kts. EG	0	0	12.00K	0.00K
MT VERNON	WALTON CO.	GA	06/18/2015	17:35	EST-5	Thunderstorm Wind	65 kts. EG	0	0	40.00K	0.00K
BETWEEN	WALTON CO.	GA	06/24/2015	14:50	EST-5	Thunderstorm Wind	50 kts. EG	0	0	6.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	06/24/2015	15:43	EST-5	Hail	1.00 in.	0	0	0.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	08/17/2015	18:45	EST-5	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
MONROE	WALTON CO.	GA	07/05/2016	14:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
JERSEY	WALTON CO.	GA	07/11/2016	17:55	EST-5	Thunderstorm Wind	50 kts. EG	0	0	6.00K	0.00K
BOLD SPGS	WALTON CO.	GA	07/18/2016	15:46	EST-5	Thunderstorm Wind	50 kts. EG	0	0	2.00K	0.00K
MONROE	WALTON CO.	GA	07/21/2016	17:15	EST-5	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	04/05/2017	23:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	15.00K	0.00K
BETWEEN	WALTON CO.	GA	06/15/2017	17:24	EST-5	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
LOGANVILLE	WALTON CO.	GA	06/15/2017	18:24	EST-5	Thunderstorm Wind	45 kts. EG	0	0	1.00K	0.00K

SOCIAL CIRCLE	WALTON CO.	GA	07/26/2017	17:08	EST-5	Thunderstorm Wind	50 kts. EG	0	0	5.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	06/25/2018	14:26	EST-5	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
CAMPTON	WALTON CO.	GA	07/21/2018	06:05	EST-5	Thunderstorm Wind	55 kts. EG	0	0	50.00K	0.00K
WALKER PARK	WALTON CO.	GA	08/07/2018	13:30	EST-5	Thunderstorm Wind	50 kts. EG	0	0	3.00K	0.00K
JERSEY	WALTON CO.	GA	09/27/2018	16:02	EST-5	Thunderstorm Wind	50 kts. EG	0	0	20.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	02/12/2019	14:30	EST-5	Thunderstorm Wind	45 kts. EG	0	0	1.00K	0.00K
BETWEEN	WALTON CO.	GA	04/14/2019	11:38	EST-5	Thunderstorm Wind	50 kts. EG	0	0	30.00K	0.00K
YOUTH	WALTON CO.	GA	04/19/2019	06:00	EST-5	Thunderstorm Wind	50 kts. EG	0	0	8.00K	0.00K
JERSEY	WALTON CO.	GA	04/19/2019	07:44	EST-5	Thunderstorm Wind	50 kts. EG	0	0	6.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	06/23/2019	15:33	EST-5	Thunderstorm Wind	50 kts. EG	0	0	10.00K	0.00K
BRADLEY	WALTON CO.	GA	09/13/2019	20:02	EST-5	Thunderstorm Wind	50 kts. EG	0	0	4.00K	0.00K
YOUTH	WALTON CO.	GA	02/06/2020	09:58	EST-5	Thunderstorm Wind	50 kts. EG	0	0	10.00K	0.00K

Winter Storms

<u>Location</u>	<u>County/Zone</u>	<u>St.</u>	<u>Date</u>	<u>Time</u>	<u>T.Z.</u>	<u>Type</u>	<u>Mag</u>	<u>Dth</u>	<u>Inj</u>	<u>PrD</u>	<u>CrD</u>
Totals:							0	0	1.194M	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	12/18/1996	18:00	EST	Heavy Snow	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	01/22/2000	13:00	EST	Ice Storm	0	0	980.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	01/28/2000	19:00	EST	Ice Storm	0	0	32.79K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	12/17/2000	07:30	EST	Winter Storm	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	12/19/2000	00:00	EST	Winter Storm	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	01/02/2002	06:00	EST	Heavy Snow	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	12/04/2002	14:00	EST	Ice Storm	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	01/25/2004	05:00	EST	Ice Storm	0	0	5.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	02/26/2004	00:00	EST	Winter Storm	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	01/28/2005	20:00	EST	Winter Storm	0	0	150.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	12/15/2005	00:00	EST	Ice Storm	0	0	1.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	02/01/2007	04:00	EST-5	Winter Weather	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	03/01/2009	13:00	EST-5	Heavy Snow	0	0	25.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	01/07/2010	16:00	EST-5	Winter Weather	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	02/12/2010	14:30	EST-5	Heavy Snow	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	12/25/2010	16:00	EST-5	Winter Weather	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	01/09/2011	22:00	EST-5	Heavy Snow	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	02/09/2011	23:00	EST-5	Heavy Snow	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	01/28/2014	12:00	EST-5	Winter Storm	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	02/11/2014	07:00	EST-5	Winter Storm	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	12/09/2017	02:00	EST-5	Winter Weather	0	0	0.00K	0.00K	
WALTON (ZONE)	WALTON (ZONE)	GA	01/16/2018	20:00	EST-5	Winter Weather	0	0	0.00K	0.00K	

Flooding

<u>Location</u>	<u>County/Zone</u>	<u>St.</u>	<u>Date</u>	<u>Time</u>	<u>T.Z.</u>	<u>Type</u>	<u>Dth</u>	<u>Inj</u>	<u>PrD</u>	<u>CrD</u>
Totals:							0	0	9.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	09/13/2002	18:58	EST	Flood	0	0	0.00K	0.00K
COUNTYWIDE	WALTON CO.	GA	03/20/2003	04:00	EST	Flash Flood	0	0	0.00K	0.00K
COUNTYWIDE	WALTON CO.	GA	07/01/2003	16:30	EST	Flash Flood	0	0	0.00K	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	07/22/2003	09:02	EST	Flash Flood	0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	09/07/2004	04:00	EST	Flood	0	0	0.00K	0.00K
MONROE	WALTON CO.	GA	03/31/2005	07:00	EST	Flash Flood	0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	07/11/2005	00:00	EST	Flood	0	0	0.00K	0.00K
SNOWS MILL	WALTON CO.	GA	09/16/2009	11:05	EST-5	Flood	0	0	1.00K	0.00K
BOLD SPGS	WALTON CO.	GA	09/21/2009	08:00	EST-5	Flash Flood	0	0	3.00K	0.00K
BOLD SPGS	WALTON CO.	GA	09/21/2009	08:30	EST-5	Flood	0	0	5.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	07/05/2019	22:10	EST-5	Flash Flood	0	0	0.00K	0.00K
SPLIT SILK	WALTON CO.	GA	07/05/2019	22:15	EST-5	Flash Flood	0	0	0.00K	0.00K
BOLD SPGS	WALTON CO.	GA	02/06/2020	11:30	EST-5	Flash Flood	0	0	0.00K	0.00K
GOOD HOPE	WALTON CO.	GA	02/06/2020	14:30	EST-5	Flash Flood	0	0	0.00K	0.00K
LOGANVILLE	WALTON CO.	GA	02/06/2020	14:30	EST-5	Flash Flood	0	0	0.00K	0.00K
MT VERNON	WALTON CO.	GA	02/06/2020	14:30	EST-5	Flash Flood	0	0	0.00K	0.00K
BOLD SPGS	WALTON CO.	GA	02/06/2020	14:30	EST-5	Flash Flood	0	0	0.00K	0.00K
SPLIT SILK	WALTON CO.	GA	02/06/2020	14:30	EST-5	Flash Flood	0	0	0.00K	0.00K

Drought

<u>Location</u>	<u>County/Zone</u>	<u>St.</u>	<u>Date</u>	<u>Time</u>	<u>T.Z.</u>	<u>Type</u>	<u>Mag</u>	<u>Dth</u>	<u>Inj</u>	<u>PrD</u>	<u>CrD</u>
Totals:								0	0	0.00K	6.030M
WALTON (ZONE)	WALTON (ZONE)	GA	09/01/1997	00:00	EST	Drought		0	0	0.00K	1.670M
WALTON (ZONE)	WALTON (ZONE)	GA	05/01/1999	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	08/01/1999	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	02/01/2000	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	04/01/2000	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	05/01/2000	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	06/01/2000	00:00	EST	Drought		0	0	0.00K	4.360M
WALTON (ZONE)	WALTON (ZONE)	GA	07/01/2000	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	10/01/2000	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	10/01/2001	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	11/01/2001	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	12/01/2001	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	04/01/2002	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	08/01/2002	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	01/01/2003	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	03/01/2004	00:00	EST	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	05/01/2007	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	09/01/2007	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	10/01/2007	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	11/01/2007	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	12/01/2007	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	06/01/2016	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	07/01/2016	00:00	EST-5	Drought		0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	08/01/2016	00:00	EST-5	Drought		0	0	0.00K	0.00K

WALTON (ZONE)	WALTON (ZONE)	GA	09/01/2016	00:00	EST-5	Drought	0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	10/01/2016	00:00	EST-5	Drought	0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	11/01/2016	00:00	EST-5	Drought	0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	12/01/2016	00:00	EST-5	Drought	0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	01/01/2017	00:00	EST-5	Drought	0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	02/01/2017	00:00	EST-5	Drought	0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	03/01/2017	00:00	EST-5	Drought	0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	09/24/2019	00:00	EST-5	Drought	0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	10/01/2019	00:00	EST-5	Drought	0	0	0.00K	0.00K
WALTON (ZONE)	WALTON (ZONE)	GA	11/01/2019	00:00	EST-5	Drought	0	0	0.00K	0.00K

Tornadoes

<u>Location</u>	<u>County/Zone</u>	<u>St.</u>	<u>Date</u>	<u>Time</u>	<u>T.Z.</u>	<u>Type</u>	<u>Mag</u>	<u>Dth</u>	<u>Inj</u>	<u>PrD</u>	<u>CrD</u>
Totals:								1	62	281.515M	0.00K
WALTON CO.	WALTON CO.	GA	03/31/1973	17:15	CST	Tornado	F2	1	50	250.000M	0.00K
WALTON CO.	WALTON CO.	GA	05/28/1973	15:00	CST	Tornado	F3	0	0	25.000M	0.00K
WALTON CO.	WALTON CO.	GA	06/05/1973	16:30	CST	Tornado	F1	0	0	25.00K	0.00K
WALTON CO.	WALTON CO.	GA	02/10/1990	05:15	EST	Tornado	F1	0	0	250.00K	0.00K
Bold Springs	WALTON CO.	GA	06/27/1994	02:40	EST	Tornado	F1	0	9	500.00K	0.00K
Monroe to	WALTON CO.	GA	06/27/1994	05:30	EST	Tornado	F0	0	0	500.00K	0.00K
Conyers	WALTON CO.	GA	06/27/1994	07:00	EST	Tornado	F1	0	3	5.000M	0.00K
SOCIAL CIRCLE	WALTON CO.	GA	08/29/2005	21:25	EST	Tornado	F0	0	0	25.00K	0.00K
WALNUT GROVE	WALTON CO.	GA	04/05/2017	11:10	EST-5	Tornado	EF1	0	0	15.00K	0.00K
HERNDONVILLE	WALTON CO.	GA	08/01/2018	18:32	EST-5	Tornado	EF1	0	0	200.00K	0.00K
Totals:								1	62	281.515M	0.00K

Appendix E – Walton County Worksheet 3As

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: Walton County

Hazard: Non-Spatially Defined Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	30,090	30,090	100.000%	4,662,919,035	4,662,919,035	100.000%	88,695	88,695	100%
Commercial	1,337	1,337	100.000%	361,337,283	361,337,283	100.000%	0	0	#DM/0!
Industrial	112	112	100.000%	183,847,025	183,847,025	100.000%	0	0	#DM/0!
Agricultural	872	872	100.000%	166,004,105	166,004,105	100.000%	0	0	#DM/0!
Religious/ Non-profit	255	255	100.000%	129,296,485	129,296,485	100.000%	0	0	#DM/0!
Government	370	370	100.000%	913,607,055	913,607,055	100.000%	0	0	#DM/0!
Education	41	41	100.000%	195,256,950	195,256,950	100.000%	0	0	#DM/0!
Utilities	51	51	100.000%	245,935,635	245,935,635	100.000%	0	0	#DM/0!
Total	33,126	33,126	100.000%	6,858,203,573	6,858,203,573	100.000%	88,695	88,695	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | Y | N |
|---|---|---|
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | | N |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | | N |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | | N |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a Inventory of Assets
Jurisdiction: Walton County
Hazard: Wildfire Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	30,090	29,881	99.305%	4,662,919,035	4,630,531,196	99.305%	88,695	88,079	99%
Commercial	1,337	1,001	74.869%	361,337,283	270,530,008	74.869%	0	0	#DM/OI
Industrial	112	98	87.500%	183,847,025	160,866,147	87.500%	0	0	#DM/OI
Agricultural	872	850	97.477%	166,004,105	161,815,928	97.477%	0	0	#DM/OI
Religious/ Non-profit	255	235	92.157%	129,296,485	119,155,564	92.157%	0	0	#DM/OI
Government	370	342	92.432%	913,607,055	844,469,224	92.432%	0	0	#DM/OI
Education	41	36	87.805%	195,256,960	180,969,656	92.683%	0	0	#DM/OI
Utilities	51	46	90.196%	245,935,635	221,824,298	90.196%	0	0	#DM/OI
Total	33,128	32,491	98.077%	6,858,203,573	6,590,162,241	96.092%	88,695	88,079	99%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a
Jurisdiction: Walton County
Hazard: Flood Hazard

Inventory of Assets

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	30,090	1,053	3.500%	4,662,919,035	163,178,921	3.500%	88,695	3,104	3%
Commercial	1,337	21	1.571%	361,337,283	5,675,455	1.571%	0	0	#DM/0!
Industrial	112	4	3.571%	185,847,025	5,565,965	3.571%	0	0	#DM/0!
Agricultural	872	0	0.000%	166,004,105	0	0.000%	0	0	#DM/0!
Religious/ Non-profit	255	1	0.392%	129,296,485	507,045	0.392%	0	0	#DM/0!
Government	370	13	3.514%	913,607,095	32,099,707	3.514%	0	0	#DM/0!
Education	41	0	0.000%	195,256,990	0	0.000%	0	0	#DM/0!
Utilities	51	0	0.000%	245,935,635	0	0.000%	0	0	#DM/0!
Total	33,128	1,092	3.296%	6,896,203,573	208,027,094	3.033%	88,695	3,104	3%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | Y | |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | Y | |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a **Inventory of Assets**
Jurisdiction: Monroe (Walton County)
Hazard: Non-Spatially Defined Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	3,792	3,792	100.000%	368,356,920	368,356,920	100.000%	13,298	13,298	100%
Commercial	559	559	100.000%	146,856,495	146,856,495	100.000%	0	0	#DM/0!
Industrial	35	35	100.000%	59,508,748	59,508,748	100.000%	0	0	#DM/0!
Agricultural	7	7	100.000%	941,155	941,155	100.000%	0	0	#DM/0!
Religious/ Non-profit	72	72	100.000%	26,871,258	26,871,258	100.000%	0	0	#DM/0!
Government	108	108	100.000%	59,688,710	59,688,710	100.000%	0	0	#DM/0!
Education	5	5	100.000%	38,065,520	38,065,520	100.000%	0	0	#DM/0!
Utilities	9	9	100.000%	16,229,155	16,229,155	100.000%	0	0	#DM/0!
Total	4,587	4,587	100.000%	716,517,961	716,517,961	100.000%	13,298	13,298	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | | N |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | | N |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | | N |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a **Inventory of Assets**
Jurisdiction: Monroe (Walton County)
Hazard: Wildfire Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	3,792	3,729	98.312%	368,366,920	362,139,926	98.312%	13,296	13,074	98%
Commercial	559	487	87.120%	146,666,495	127,941,168	87.120%	0	0	#DM/0
Industrial	35	32	91.429%	59,508,748	54,407,998	91.429%	0	0	#DM/0
Agricultural	7	7	100.000%	941,155	941,155	100.000%	0	0	#DM/0
Religious / Non-profit	72	65	90.278%	26,871,258	24,258,775	90.278%	0	0	#DM/0
Government	108	101	93.519%	59,668,710	55,819,997	93.519%	0	0	#DM/0
Education	5	4	80.000%	38,065,520	30,452,416	80.000%	0	0	#DM/0
Utilities	9	9	100.000%	16,229,155	16,229,155	100.000%	0	0	#DM/0
Total	4,587	4,433	96.643%	716,517,961	672,190,590	93.814%	13,296	13,074	98%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a Inventory of Assets
Jurisdiction: Monroe (Walton County)
Hazard: Flood Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	3,792	108	2.848%	368,356,920	10,491,178	2.848%	13,298	379	3%
Commercial	559	3	0.537%	146,856,495	788,139	0.537%	0	0	#DM/0!
Industrial	35	2	5.714%	39,508,748	3,400,500	5.714%	0	0	#DM/0!
Agricultural	7	0	0.000%	941,155	0	0.000%	0	0	#DM/0!
Religious/ Non-profit	72	0	0.000%	26,871,258	0	0.000%	0	0	#DM/0!
Government	108	0	0.000%	59,688,710	0	0.000%	0	0	#DM/0!
Education	5	0	0.000%	38,065,520	0	0.000%	0	0	#DM/0!
Utilities	9	0	0.000%	16,229,155	0	0.000%	0	0	#DM/0!
Total	4,587	113	2.463%	716,517,961	14,679,817	2.049%	13,298	379	3%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | Y | |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a Inventory of Assets
Jurisdiction: Loganville (Walton County)
Hazard: Non-Spatially Defined Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,966	2,966	100.000%	\$22,578,068	\$22,578,068	100.000%	11,355	11,355	100%
Commercial	286	286	100.000%	108,565,875	108,565,875	100.000%	0	0	#DIV/0!
Industrial	3	3	100.000%	615,708	615,708	100.000%	0	0	#DIV/0!
Agricultural	3	3	100.000%	614,600	614,600	100.000%	0	0	#DIV/0!
Religious/ Non-profit	33	33	100.000%	20,327,520	20,327,520	100.000%	0	0	#DIV/0!
Government	42	42	100.000%	25,893,630	25,893,630	100.000%	0	0	#DIV/0!
Education	9	9	100.000%	29,550,070	29,550,070	100.000%	0	0	#DIV/0!
Utilities	4	4	100.000%	9,038,180	9,038,180	100.000%	0	0	#DIV/0!
Total	3,346	3,346	100.000%	717,183,651	717,183,651	100.000%	11,355	11,355	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | | N |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | | N |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | | N |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a **Inventory of Assets**
Jurisdiction: Loganville (Walton County)
Hazard: Wildfire Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,986	2,950	99.461%	522,578,068	519,759,036	99.461%	11,355	11,294	99%
Commercial	286	275	96.154%	108,585,875	104,390,264	96.154%	0	0	#DM/0!
Industrial	3	2	66.667%	615,708	410,472	66.667%	0	0	#DM/0!
Agricultural	3	3	100.000%	614,600	614,600	100.000%	0	0	#DM/0!
Religious/ Non-profit	33	30	90.909%	20,327,520	18,479,564	90.909%	0	0	#DM/0!
Government	42	41	97.619%	25,893,630	25,277,115	97.619%	0	0	#DM/0!
Education	9	9	100.000%	29,550,070	29,550,070	100.000%	0	0	#DM/0!
Utilities	4	4	100.000%	9,038,180	9,038,180	100.000%	0	0	#DM/0!
Total	3,346	3,314	99.044%	717,183,651	707,519,301	98.652%	11,355	11,294	99%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a Inventory of Assets
Jurisdiction: Loganville (Walton County)
Hazard: Flood Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community or State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	2,968	146	4.922%	522,578,068	25,725,668	4.922%	11,356	559	5%
Commercial	286	0	0.000%	108,565,875	0	0.000%	0	0	#DM/0!
Industrial	3	1	33.333%	615,708	206,236	33.333%	0	0	#DM/0!
Agricultural	3	0	0.000%	614,600	0	0.000%	0	0	#DM/0!
Religious/ Non-profit	33	0	0.000%	20,327,520	0	0.000%	0	0	#DM/0!
Government	42	0	0.000%	25,893,630	0	0.000%	0	0	#DM/0!
Education	6	0	0.000%	29,550,070	0	0.000%	0	0	#DM/0!
Utilities	4	0	0.000%	9,038,180	0	0.000%	0	0	#DM/0!
Total	3,348	147	4.393%	717,183,651	25,928,904	3.615%	11,356	559	5%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|---|---|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | Y | |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a Inventory of Assets
Jurisdiction: Social Circle (Walton County)
Hazard: Non-Spatially Defined Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	1,547	1,547	100.000%	178,301,245	178,301,245	100.000%	4,389	4,389	100%
Commercial	105	105	100.000%	17,795,590	17,795,590	100.000%	0	0	#DM/OI
Industrial	23	23	100.000%	74,312,745	74,312,745	100.000%	0	0	#DM/OI
Agricultural	17	17	100.000%	3,301,520	3,301,520	100.000%	0	0	#DM/OI
Religious / Non-profit	21	21	100.000%	9,089,918	9,089,918	100.000%	0	0	#DM/OI
Government	50	50	100.000%	13,977,930	13,977,930	100.000%	0	0	#DM/OI
Education	8	8	100.000%	17,594,236	17,594,236	100.000%	0	0	#DM/OI
Utilities	10	10	100.000%	8,301,275	8,301,275	100.000%	0	0	#DM/OI
Total	1,781	1,781	100.000%	322,674,459	322,674,459	100.000%	4,389	4,389	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | | N |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | | N |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | | N |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a **Inventory of Assets**
Jurisdiction: Social Circle (Walton County)
Hazard: Non-Spatially Defined Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	1,547	1,521	98.319%	178,301,245	175,304,585	98.319%	4,389	4,315	98%
Commercial	105	101	96.190%	17,795,590	17,117,663	96.190%	0	0	#DM/OI
Industrial	23	20	86.957%	74,312,745	64,619,778	86.957%	0	0	#DM/OI
Agricultural	17	17	100.000%	3,301,520	3,301,520	100.000%	0	0	#DM/OI
Religious / Non-profit	21	18	85.714%	9,069,918	7,791,358	85.714%	0	0	#DM/OI
Government	50	46	92.000%	13,977,930	12,859,696	92.000%	0	0	#DM/OI
Education	8	8	100.000%	17,594,236	17,594,236	100.000%	0	0	#DM/OI
Utilities	10	9	90.000%	8,301,275	7,471,148	90.000%	0	0	#DM/OI
Total	1,781	1,740	97.698%	322,674,459	306,059,964	94.851%	4,389	4,315	98%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a Inventory of Assets
Jurisdiction: Social Circle (Walton County)
Hazard: Flood Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	1,547	6	0.388%	176,301,245	691,537	0.388%	4,386	17	0%
Commercial	108	1	0.952%	17,795,590	169,482	0.952%	0	0	#DM/OI
Industrial	23	0	0.000%	74,312,745	0	0.000%	0	0	#DM/OI
Agricultural	17	0	0.000%	3,301,520	0	0.000%	0	0	#DM/OI
Religious/ Non-profit	21	0	0.000%	9,089,918	0	0.000%	0	0	#DM/OI
Government	50	0	0.000%	13,977,930	0	0.000%	0	0	#DM/OI
Education	8	0	0.000%	17,594,236	0	0.000%	0	0	#DM/OI
Utilities	10	0	0.000%	8,301,275	0	0.000%	0	0	#DM/OI
Total	1,781	7	0.393%	322,674,439	861,019	0.267%	4,386	17	0%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | Y | |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a Inventory of Assets
Jurisdiction: Good Hope (Walton County)
Hazard: Non-Spatially Defined Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	130	130	100.000%	16,128,445	16,128,445	100.000%	329	329	100%
Commercial	10	10	100.000%	714,020	714,020	100.000%	0	0	#DM/OI
Industrial	2	2	100.000%	151,810	151,810	100.000%	0	0	#DM/OI
Agricultural	7	7	100.000%	875,853	875,853	100.000%	0	0	#DM/OI
Religious/ Non-profit	2	2	100.000%	1,007,040	1,007,040	100.000%	0	0	#DM/OI
Government	2	2	100.000%	308,352	308,352	100.000%	0	0	#DM/OI
Education	1	1	100.000%	153,900	153,900	100.000%	0	0	#DM/OI
Utilities	1	1	100.000%	151,495	151,495	100.000%	0	0	#DM/OI
Total	155	155	100.000%	19,488,715	19,488,715	100.000%	329	329	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | | N |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | | N |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | | N |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a Inventory of Assets
Jurisdiction: Good Hope (Walton County)
Hazard: Wildfire Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	130	129	99.231%	16,126,445	16,002,395	99.231%	329	326	99%
Commercial	10	8	80.000%	714,020	571,216	80.000%	0	0	#DM/OI
Industrial	2	2	100.000%	151,610	151,610	100.000%	0	0	#DM/OI
Agricultural	7	7	100.000%	875,853	875,853	100.000%	0	0	#DM/OI
Religious/ Non-profit	2	2	100.000%	1,007,040	1,007,040	100.000%	0	0	#DM/OI
Government	2	2	100.000%	308,352	308,352	100.000%	0	0	#DM/OI
Education	1	1	100.000%	153,900	153,900	100.000%	0	0	#DM/OI
Utilities	1	1	100.000%	151,495	151,495	100.000%	0	0	#DM/OI
Total	155	152	98.065%	19,488,715	19,221,861	98.631%	329	326	99%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a **Inventory of Assets**
Jurisdiction: Good Hope (Walton County)
Hazard: Flood Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	130	3	2.308%	16,126,445	372,149	2.308%	329	8	2%
Commercial	10	0	0.000%	714,020	0	0.000%	0	0	#DM/0!
Industrial	2	0	0.000%	151,810	0	0.000%	0	0	#DM/0!
Agricultural	7	0	0.000%	875,853	0	0.000%	0	0	#DM/0!
Religious/ Non-profit	2	0	0.000%	1,007,040	0	0.000%	0	0	#DM/0!
Government	2	0	0.000%	308,352	0	0.000%	0	0	#DM/0!
Education	1	0	0.000%	153,900	0	0.000%	0	0	#DM/0!
Utilities	1	0	0.000%	151,496	0	0.000%	0	0	#DM/0!
Total	159	3	1.935%	19,488,715	372,149	1.910%	329	8	2%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | Y | |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a Inventory of Assets
Jurisdiction: Walnut Grove (Walton County)
Hazard: Non-Spatially Defined Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	451	451	100.000%	54,419,278	54,419,278	100.000%	1,221	1,221	100%
Commercial	24	24	100.000%	5,062,455	5,062,455	100.000%	0	0	#DM/OI
Industrial	11	11	100.000%	1,455,380	1,455,380	100.000%	0	0	#DM/OI
Agricultural	3	3	100.000%	210,460	210,460	100.000%	0	0	#DM/OI
Religious / Non-profit	6	6	100.000%	3,232,160	3,232,160	100.000%	0	0	#DM/OI
Government	14	14	100.000%	2,893,150	2,893,150	100.000%	0	0	#DM/OI
Education	1	1	100.000%	20,282,100	20,282,100	100.000%	0	0	#DM/OI
Utilities	4	4	100.000%	919,363	919,363	100.000%	0	0	#DM/OI
Total	514	514	100.000%	88,464,366	88,464,366	100.000%	1,221	1,221	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | | N |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | | N |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | | N |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a **Inventory of Assets**
Jurisdiction: Walnut Grove (Walton County)
Hazard: Wildfire Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	451	451	100.000%	54,419,278	54,419,278	100.000%	1,221	1,221	100%
Commercial	24	24	100.000%	5,052,455	5,052,455	100.000%	0	0	#DIV/0!
Industrial	11	11	100.000%	1,455,380	1,455,380	100.000%	0	0	#DIV/0!
Agricultural	3	3	100.000%	210,460	210,460	100.000%	0	0	#DIV/0!
Religious / Non-profit	6	6	100.000%	3,232,180	3,232,180	100.000%	0	0	#DIV/0!
Government	14	14	100.000%	2,893,150	2,893,150	100.000%	0	0	#DIV/0!
Education	1	1	100.000%	20,282,100	20,282,100	100.000%	0	0	#DIV/0!
Utilities	4	4	100.000%	919,383	919,383	100.000%	0	0	#DIV/0!
Total	514	514	100.000%	88,484,366	88,484,366	100.000%	1,221	1,221	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a **Inventory of Assets**
Jurisdiction: Walnut Grove (Walton County)
Hazard: Flood Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	451	5	1.109%	54,419,278	603,318	1.109%	1,221	14	1%
Commercial	24	0	0.000%	5,052,495	0	0.000%	0	0	#DM/0!
Industrial	11	0	0.000%	1,455,380	0	0.000%	0	0	#DM/0!
Agricultural	3	0	0.000%	210,480	0	0.000%	0	0	#DM/0!
Religious/ Non-profit	6	0	0.000%	3,232,180	0	0.000%	0	0	#DM/0!
Government	14	0	0.000%	2,893,150	0	0.000%	0	0	#DM/0!
Education	1	0	0.000%	20,282,100	0	0.000%	0	0	#DM/0!
Utilities	4	0	0.000%	919,383	0	0.000%	0	0	#DM/0!
Total	514	5	0.973%	88,464,396	603,318	0.682%	1,221	14	1%

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|---|---|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | Y | |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a **Inventory of Assets**
Jurisdiction: Between (Walton County)
Hazard: Non-Spatially Defined Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	120	120	100.000%	24,147,850	24,147,850	100.000%	277	277	100%
Commercial	11	11	100.000%	1,417,050	1,417,050	100.000%	0	0	#DIV/0!
Industrial	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Agricultural	5	5	100.000%	988,420	988,420	100.000%	0	0	#DIV/0!
Religious / Non-profit	6	6	100.000%	3,859,200	3,859,200	100.000%	0	0	#DIV/0!
Government	3	3	100.000%	2,297,100	2,297,100	100.000%	0	0	#DIV/0!
Education	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Utilities	1	1	100.000%	93,350	93,350	100.000%	0	0	#DIV/0!
Total	146	146	100.000%	32,802,970	#DIV/0!	#DIV/0!	277	#DIV/0!	#DIV/0!

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | | N |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | | N |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | | N |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a Inventory of Assets
Jurisdiction: Between (Walton County)
Hazard: Wildfire Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	120	120	100.000%	24,147,850	24,147,850	100.000%	277	277	100%
Commercial	11	11	100.000%	1,417,050	1,417,050	100.000%	0	0	#DIV/0!
Industrial	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Agricultural	5	5	100.000%	988,420	988,420	100.000%	0	0	#DIV/0!
Religious / Non-profit	6	6	100.000%	3,859,200	3,859,200	100.000%	0	0	#DIV/0!
Government	3	3	100.000%	2,297,100	2,297,100	100.000%	0	0	#DIV/0!
Education	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Utilities	1	1	100.000%	93,350	93,350	100.000%	0	0	#DIV/0!
Total	146	146	100.000%	32,802,970	#DIV/0!	#DIV/0!	277	#DIV/0!	#DIV/0!

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a **Inventory of Assets**
Jurisdiction: Between (Walton County)
Hazard: Flood Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	120	0	0.000%	24,147,800	0	0.000%	277	0	0%
Commercial	11	0	0.000%	1,417,050	0	0.000%	0	0	#DIV/0!
Industrial	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	0	#DIV/0!
Agricultural	5	0	0.000%	588,420	0	0.000%	0	0	#DIV/0!
Religious/ Non-profit	6	0	0.000%	3,859,200	0	0.000%	0	0	#DIV/0!
Government	3	0	0.000%	2,297,100	0	0.000%	0	0	#DIV/0!
Education	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	0	#DIV/0!
Utilities	1	0	0.000%	93,300	0	0.000%	0	0	#DIV/0!
Total	146	0	0.000%	32,802,970	#DIV/0!	#DIV/0!	277	#DIV/0!	#DIV/0!

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | | N |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a Inventory of Assets
Jurisdiction: Jersey (Walton County)
Hazard: Non-Spatially Defined Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	61	61	100.000%	5,730,350	5,730,350	100.000%	118	118	100%
Commercial	9	9	100.000%	1,076,640	1,076,640	100.000%	0	0	#DIV/0!
Industrial	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Agricultural	4	4	100.000%	458,060	458,060	100.000%	0	0	#DIV/0!
Religious/ Non-profit	2	2	100.000%	218,650	218,650	100.000%	0	0	#DIV/0!
Government	5	5	100.000%	174,910	174,910	100.000%	0	0	#DIV/0!
Education	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Utilities	1	1	100.000%	30,170	30,170	100.000%	0	0	#DIV/0!
Total	82	82	100.000%	7,688,780	#DIV/0!	#DIV/0!	118	#DIV/0!	#DIV/0!

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | | N |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | | N |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | | N |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a **Inventory of Assets**
Jurisdiction: Jersey (Walton County)
Hazard: Wildfire Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	61	61	100.000%	5,730,350	5,730,350	100.000%	116	116	100%
Commercial	9	9	100.000%	1,076,640	1,076,640	100.000%	0	0	#DM/OI
Industrial	0	0	#DIV/OI	0	#DM/OI	#DIV/OI	0	#DIV/OI	#DM/OI
Agricultural	4	4	100.000%	458,060	458,060	100.000%	0	0	#DM/OI
Religious / Non-profit	2	2	100.000%	218,650	218,650	100.000%	0	0	#DM/OI
Government	5	5	100.000%	174,910	174,910	100.000%	0	0	#DM/OI
Education	0	0	#DIV/OI	0	#DM/OI	#DIV/OI	0	#DIV/OI	#DM/OI
Utilities	1	1	100.000%	30,170	30,170	100.000%	0	0	#DM/OI
Total	82	82	100.000%	7,688,780	#DM/OI	#DIV/OI	116	#DIV/OI	#DM/OI

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | | N |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | | N |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | Y | |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

GEMA Worksheet #3a **Inventory of Assets**
Jurisdiction: Jersey (Walton County)
Hazard: Flood Hazard

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures			Number of People		
	# in Community of State	# in Hazard Area	% in Hazard Area	\$ in Community or State	\$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	81	0	0.000%	5,730,350	0	0.000%	118	0	0%
Commercial	9	0	0.000%	1,078,640	0	0.000%	0	0	#DIV/0!
Industrial	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Agricultural	4	0	0.000%	458,060	0	0.000%	0	0	#DIV/0!
Religious / Non-profit	2	0	0.000%	218,650	0	0.000%	0	0	#DIV/0!
Government	5	0	0.000%	174,910	0	0.000%	0	0	#DIV/0!
Education	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Utilities	1	0	0.000%	30,170	0	0.000%	0	0	#DIV/0!
Total	82	0	0.000%	7,688,780	#DIV/0!	#DIV/0!	118	#DIV/0!	#DIV/0!

Task B. Determine whether (and where) you want to collect additional inventory data.

- | | | |
|---|----------|----------|
| | Y | N |
| 1. Do you know where the greatest damages may occur in your area? | Y | |
| 2. Do you know whether your critical facilities will be operational after a hazard event? | | N |
| 3. Is there enough data to determine which assets are subject to the greatest potential damages? | Y | |
| 4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards? | Y | |
| 5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards? | Y | |
| 6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence? | | N |
| 7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives? | | N |

Appendix F – Peer Review Documentation

Newton County

Good afternoon, Jody,

On behalf of Director Carl Morrow, I would like to share with you a copy of the Walton County Hazard Mitigation Plan update. FEMA requires surrounding jurisdictions be given the opportunity to participate in the planning process. Since Newton is a contiguous county to Walton, I am providing you a copy for your review.

You can access the 2020 Walton County Hazard Mitigation Plan here: [Walton County - FINAL Draft 8.1.2020.docx](#)



If you have any questions, comments, or recommendations regarding Walton County Hazard Mitigation Plan, please let me know!

Thank you.

Katy

Katy Westbrook
Lux Mitigation and Planning Corp.
521 Rising Star Road
Brooks, Georgia 30205
Cell: 954.288.8364
Email: lux.planning@att.net

RE: **Walton** County Hazard Mitigation Plan for Review



Jody Nolan <jody.nolan@covington-newton911.com>
To Katy Westbrook

Reply Reply All Forward ...

Sat 8/1/2020 6:38 PM

[If there are problems with how this message is displayed, click here to view it in a web browser.](#)

Will do.

JodyB.Nolan
Director
Newton County EMA
Office# [\(678\) 342-5326](tel:6783425326)
Cell # [\(678\) 878-6484](tel:6788786484)

Morgan County

Good afternoon, Gwen,

On behalf of Director Carl Morrow, I would like to share with you a copy of the Walton County Hazard Mitigation Plan update. FEMA requires surrounding jurisdictions be given the opportunity to participate in the planning process. Since Morgan is a contiguous county to Walton, I am providing you a copy for your review.

You can access the 2020 Walton County Hazard Mitigation Plan here: [Walton County - FINAL Draft 8.1.2020.docx](#)



If you have any questions, comments, or recommendations regarding Walton County Hazard Mitigation Plan, please let me know!

Thank you.

Katy

Katy Westbrook
Lux Mitigation and Planning Corp.
521 Rising Star Road
Brooks, Georgia 30205
Cell: 954.288.8364
Email: lux.planning@att.net

Rockdale County

Good afternoon, Chief Morgan,

On behalf of Director Carl Morrow, I would like to share with you a copy of the Walton County Hazard Mitigation Plan update. FEMA requires surrounding jurisdictions be given the opportunity to participate in the planning process. Since Rockdale is a contiguous county to Walton, I am providing you a copy for your review.

You can access the 2020 Walton County Hazard Mitigation Plan here: [Walton County - FINAL Draft 8.1.2020.docx](#)



If you have any questions, comments, or recommendations regarding Walton County Hazard Mitigation Plan, please let me know!

Thank you.

Katy

Katy Westbrook
Lux Mitigation and Planning Corp.
521 Rising Star Road
Brooks, Georgia 30205
Cell: 954.288.8364
Email: lux.planning@att.net

Gwinnett County

Good afternoon, Director Swanson,

On behalf of Director Carl Morrow, I would like to share with you a copy of the Walton County Hazard Mitigation Plan update. FEMA requires surrounding jurisdictions be given the opportunity to participate in the planning process. Since Gwinnett is a contiguous county to Walton, I am providing you a copy for your review.

You can access the 2020 Walton County Hazard Mitigation Plan here: [Walton County - FINAL Draft 8.1.2020.docx](#)



If you have any questions, comments, or recommendations regarding Walton County Hazard Mitigation Plan, please let me know!

Thank you.

Katy

Katy Westbrook
Lux Mitigation and Planning Corp.
521 Rising Star Road
Brooks, Georgia 30205
Cell: 954.288.8364
Email: lux.planning@att.net

Barrow County

Good afternoon, Penny,

On behalf of Director Carl Morrow, I would like to share with you a copy of the Walton County Hazard Mitigation Plan update. FEMA requires surrounding jurisdictions be given the opportunity to participate in the planning process. Since Barrow is a contiguous county to Walton, I am providing you a copy for your review.

You can access the 2020 Walton County Hazard Mitigation Plan here: [Walton County - FINAL Draft 8.1.2020.docx](#)



If you have any questions, comments, or recommendations regarding Walton County Hazard Mitigation Plan, please let me know!

Thank you.

Katy

Katy Westbrook
Lux Mitigation and Planning Corp.
521 Rising Star Road
Brooks, Georgia 30205
Cell: 954.288.8364
Email: lux_planning@att.net

Oconee County

Good afternoon, C.J.,

On behalf of Director Carl Morrow, I would like to share with you a copy of the Walton County Hazard Mitigation Plan update. FEMA requires surrounding jurisdictions be given the opportunity to participate in the planning process. Since Oconee is a contiguous county to Walton, I am providing you a copy for your review.

You can access the 2020 Walton County Hazard Mitigation Plan here: [Walton County - FINAL Draft 8.1.2020.docx](#)



If you have any questions, comments, or recommendations regarding Walton County Hazard Mitigation Plan, please let me know!

Thank you.

Katy

Katy Westbrook
Lux Mitigation and Planning Corp.
521 Rising Star Road
Brooks, Georgia 30205
Cell: 954.288.8364



C.J. Worden <cworden@oconee.ga.us>
To: Katy Westbrook

You replied to this message on 8/3/2020 1:57 PM.



Mon 8/3/2020 1:55 PM

I reviewed Walton County's Hazard Mitigation Plan. I have no recommendations.

C.J. Worden
Director
Oconee County Emergency Management Agency
1120 Experiment Station Road
P.O. Box 563
Watkinsville, Georgia 30677
cworden@oconee.ga.us
Office: (706) 310-3601
Mobile: (404) 205-0319

Click the graphic to register for CodeRED:



Appendix G – Walton County HAZUS



**Hazard Risk Analyses
Supplement to the Walton County
Joint Hazard Mitigation Plan**



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Introduction

The Federal Disaster Mitigation Act of 2000 (DMA2K) requires state, local, and tribal governments to develop and maintain a mitigation plan to be eligible for certain federal disaster assistance and hazard mitigation funding programs.

Mitigation seeks to reduce a hazard’s impacts, which may include loss of life, property damage, disruption to local and regional economies, and the expenditure of public and private funds for recovery. Sound mitigation must be based on a sound risk assessment that quantifies the potential losses of a disaster by assessing the vulnerability of buildings, infrastructure, and people.

In recognition of the importance of planning in mitigation activities, FEMA Hazus-MH, a powerful disaster risk assessment tool based on geographic information systems (GIS). This tool enables communities of all sizes to predict estimated losses from floods, hurricanes, earthquakes, and other related phenomena and to measure the impact of various mitigation practices that might help reduce those losses.

In 2018, the Georgia Department of Emergency Management partnered with the Carl Vinson Institute of Government at the University of Georgia to develop a detailed risk assessment focused on defining hurricane, riverine flood, and tornado risks in Walton County, Georgia. This assessment identifies the characteristics and potential consequences of the disaster, how much of the community could be affected by the disaster, and the impact on community assets.

Risk Assessment Process Overview

Hazus-MH Version 2.2 SP1 was used to perform the analyses for Walton County. The Hazus-MH application includes default data for every county in the US. This Hazus-MH data was derived from a variety of national sources and in some cases the data are also several years old. Whenever possible, using local provided data is preferred. Walton County provided building inventory information from the county’s property tax assessment system. This section describes the changes made to the default Hazus-MH inventory and the modeling parameters used for each scenario.

County Inventory Changes

The default Hazus-MH site-specific point inventory was updated using data compiled from the Georgia Emergency Management Agency (GEMA). The default Hazus-MH aggregate inventory (General Building Stock) was also updated prior to running the scenarios. Reported losses reflect the updated data sets.

General Building Stock Updates

General Building Stock (GBS) is an inventory category that consists of aggregated data (grouped by census geography — tract or block). Hazus-MH generates a combination of site-specific and aggregated loss estimates based on the given analysis and user input.

The GBS records for Walton County were replaced with data derived from parcel and property assessment data obtained from Walton County. The county provided property assessment data was current as of March 2020 and the parcel data current as of March 2020. Records without improvements were deleted. The parcel boundaries were converted to parcel points located in the centroids of each parcel boundary; then, each parcel point was linked to an assessor record based upon matching parcel numbers. The parcel assessor match-rate for Walton County is 100%. The

generated building inventory represents the approximate locations (within a parcel) of structures. The building inventory was aggregated by census block. Both the tract and block tables were updated. Table 1 shows the results of the changes to the GBS tables by occupancy class.

Table 1: GBS Building Exposure Updates by Occupancy Class*

General Occupancy	Default Hazus-MH Count	Updated Count	Default Hazus-MH Exposure	Updated Exposure
Agricultural	120	2	\$28,934,000	\$67,000
Commercial	1,473	1,160	\$791,877,000	\$159,179,000
Education	53	78	\$43,898,000	\$194,930,000
Government	24	80	\$15,942,000	\$43,509,000
Industrial	581	371	\$335,922,000	\$136,053,000
Religious	173	224	\$113,282,000	\$38,715,000
Residential	30,673	34,046	\$7,310,858,000	\$5,640,128,000
Total	33,097	35,961	\$8,640,713,000	\$6,212,581,000

*The exposure values represent the total number and replacement cost for all Walton County Buildings

For Walton County, the updated GBS was used to calculate hurricane wind losses. The flood losses and tornado losses were calculated from building inventory modeled in Hazus-MH as User-Defined Facility

(UDF)¹, or site-specific points. Figure 1 shows the distribution of buildings as points based on the county provided data.

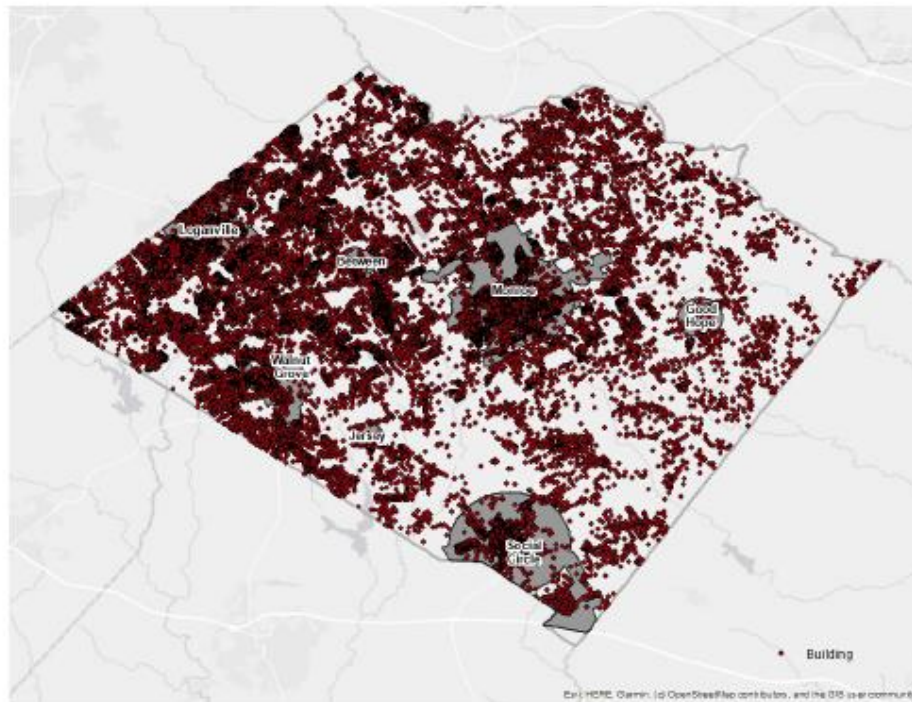


Figure 1: Walton County Overview

Essential Facility Updates

The default Hazus-MH essential facility data was updated to reflect improved information available in the Georgia Mitigation Information System (GMIS) as of March 2020. For these risk analyses, only GMIS data for buildings that Hazus-MH classified as Essential Facilities was integrated into Hazus-MH because the application provides specialized reports for these five facilities. Essential Facility inventory was updated for the analysis conducted for this report. The following table summarizes the counts and exposures, where available, by Essential Facility classification of the updated data.

Essential facilities include:

- Care facilities
- EOCs
- Fire stations
- Police stations
- Schools

¹ The UDF inventory category in Hazus-MH allows the user to enter site-specific data in place of GBS data.

Table 2: Updated Essential Facilities

Classification	Updated Count	Updated Exposure
Between		
EOC	0	\$0
Care	0	\$0
Fire	0	\$0
Police	0	\$0
School	0	\$0
Total	0	\$0
Good Hope		
EOC	0	\$0
Care	0	\$0
Fire	0	\$0
Police	0	\$0
School	0	\$0
Total	0	\$0
Jersey		
EOC	0	\$0
Care	0	\$0
Fire	1	\$2,561,000
Police	0	\$0
School	0	\$0
Total	1	\$2,561,000
Loganville		
EOC	0	\$0
Care	0	\$0
Fire	1	\$250,000
Police	0	\$0
School	2	\$14,376,000
Total	3	\$14,626,000

Classification	Updated Count	Updated Exposure
Monroe		
EOC	0	\$0
Care	2	\$12,359,000
Fire	1	\$919,000
Police	1	\$709,000
School	3	\$27,958,000
Total	7	\$41,945,000
Social Circle		
EOC	0	\$0
Care	0	\$0
Fire	1	\$562,000
Police	1	\$513,000
School	3	\$13,278,000
Total	5	\$14,353,000
Walnut Grove		
EOC	0	\$0
Care	0	\$0
Fire	1	\$307,000
Police	0	\$0
School	1	\$4,000,000
Total	2	\$4,307,000
Unincorporated Areas of Walton County		
EOC	1	\$396,000
Care	0	\$0
Fire	10	\$1,792,000
Police	2	\$15,559,000
School	12	\$91,532,000
Total	25	\$109,279,000

Assumptions and Exceptions

Hazus-MH loss estimates may be impacted by certain assumptions and process variances made in this risk assessment.

- The Walton County analysis used Hazus-MH Version 2.2 SP1, which was released by FEMA in May 2015.
- County provided parcel and property assessment data may not fully reflect all buildings in the county. For example, some counties do not report not-for-profit buildings such as government buildings, schools and churches in their property assessment data. This data was used to update the General Building Stock as well as the User Defined Facilities applied in this risk assessment.
- Georgia statute requires that the Assessor's Office assign a code to all of the buildings on a parcel based on the buildings primary use. If there is a residential or a commercial structure on a parcel and there are also agricultural buildings on the same parcel Hazus-MH looks at the residential and commercial "primary" structures first and then combines the value of all secondary structures on that parcel with the value of the primary structure. The values and building counts are still accurate but secondary structures are accounted for under the same classification as the primary structure. Because of this workflow, the only time that a parcel would show a value for an agricultural building is when there are no residential or commercial structures on the parcel thus making the agricultural building the primary structure. This is the reason that agricultural building counts and total values seem low or are nonexistent.
- GBS updates from assessor data will skew loss calculations. The following attributes were defaulted or calculated:
 - Foundation Type was set from Occupancy Class
 - First Floor Height was set from Foundation Type
 - Content Cost was calculated from Replacement Cost
- It is assumed that the buildings are located at the centroid of the parcel.
- The essential facilities extracted from the GMIS were only used in the portion of the analysis designated as essential facility damage. They were not used in the update of the General Building Stock or the User Defined Facility inventory.

The hazard models included in this risk assessment included:

- Hurricane assessment which was comprised of a wind only damage assessment.
- Flood assessment based on the 1% annual chance event that includes riverine assessments.
- Tornado assessment based on GIS modeling.

Hurricane Risk Assessment

Hazard Definition

The National Hurricane Center describes a hurricane as a tropical cyclone in which the maximum sustained wind is, at minimum, 74 miles per hour (mph)². The term hurricane is used for Northern Hemisphere tropical cyclones east of the International Dateline to the Greenwich Meridian. The term typhoon is used for Pacific tropical cyclones north of the Equator west of the International Dateline. Hurricanes in the Atlantic Ocean, Gulf of Mexico, and Caribbean form between June and November with the peak of hurricane season occurring in the middle of September. Hurricane intensities are measured using the Saffir-Simpson Hurricane Wind Scale (Table 3). This scale is a 1 to 5 categorization based on the hurricane's intensity at the indicated time.

Hurricanes bring a complex set of impacts. The winds from a hurricane produce a rise in the water level at landfall called storm surge. Storm surges produce coastal flooding effects that can be as damaging as the hurricane's winds. Hurricanes bring very intense inland riverine flooding. Hurricanes can also produce tornadoes that can add to the wind damages inland. In this risk assessment, only hurricane winds, and coastal storm surge are considered.

Table 3: Saffir-Simpson Hurricane Wind Scale

Category	Wind Speed (mph)	Damage
1	74 - 95	Very dangerous winds will produce some damage
2	96 - 110	Extremely dangerous winds will cause extensive damage
3	111 - 130	Devastating damage will occur
4	131 - 155	Catastrophic damage will occur
5	> 155	Catastrophic damage will occur

The National Oceanic and Atmospheric Administration's National Hurricane Center created the HURDAT database, which contains all of the tracks of tropical systems since the mid-1800s. This database was used to document the number of tropical systems that have affected Walton County by creating a 20-mile buffer around the county to include storms that didn't make direct landfall in Walton County but impacted the county. Note that the storms listed contain the peak sustained winds, maximum pressure and maximum attained storm strength for the entire storm duration. Since 1859, Walton County has had 11 tropical systems within 20 miles of its county borders (Table 4).

Table 4: Tropical Systems affecting Walton County³

YEAR	DATE RANGE	NAME	MAX WIND(Knots)	MAX PRESSURE	MAX CAT
1859	September 15-18	UNNAMED	81	0	H1

² National Hurricane Center (2011). "Glossary of NHC Terms." National Oceanic and Atmospheric Administration. <http://www.nhc.noaa.gov/aboutgloss.shtml#h>. Retrieved 2012-23-02.

³ Atlantic Oceanic and Meteorological Laboratory (2012). "Data Center." National Oceanic and Atmospheric Administration. http://www.aoml.noaa.gov/hrd/data_sub/re_anal.html. Retrieved 7-20-2015.

YEAR	DATE RANGE	NAME	MAX WIND(Knots)	MAX PRESSURE	MAX CAT
1882	September 02-13	UNNAMED	127	1000	H3
1893	September 27 - October 05	UNNAMED	132	948	H4
1896	July 04-12	UNNAMED	98	0	H2
1900	September 11-15	UNNAMED	52	0	TS
1901	September 21 - October 02	UNNAMED	52	0	TS
1903	September 09-16	UNNAMED	92	988	H1
1911	August 23-31	UNNAMED	98	972	H2
1912	June 07-17	UNNAMED	69	0	TS
1994	August 14-19	BERYL	58	1013	TS
1995	August 22-28	JERRY	40	1010	TS

Category Definitions:

TS – Tropical storm

TD – Tropical depression

H1 – Category 1 (same format for H2, H3, and H4)

E – Extra-tropical cyclone

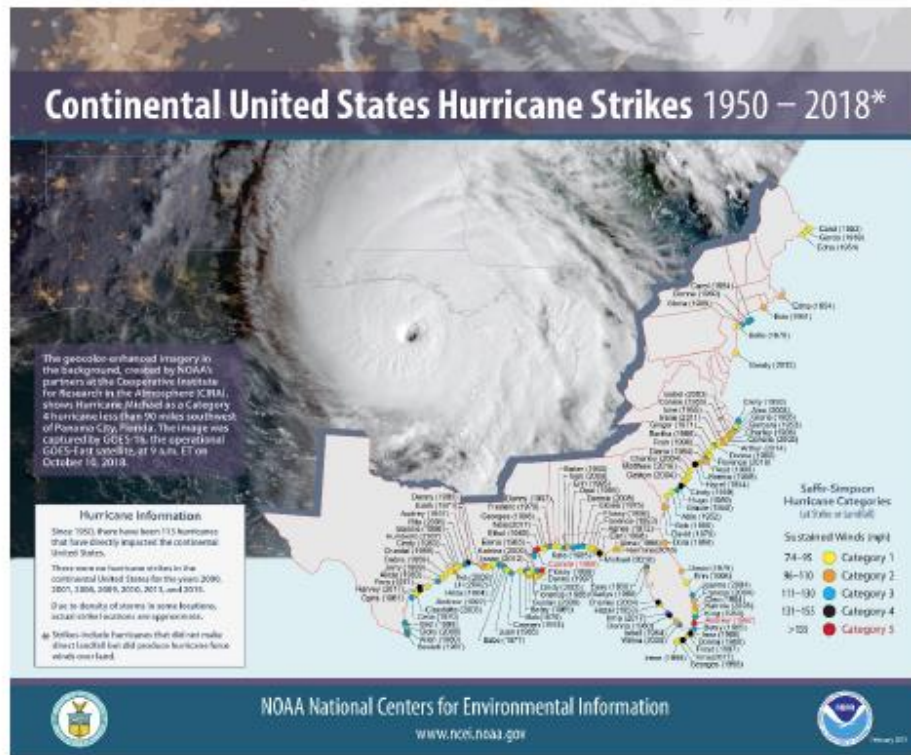


Figure 2: Continental United States Hurricane Strikes: 1950 to 2018⁴

Probabilistic Hurricane Scenario

The following probabilistic wind damage risk assessment modeled a Tropical Storm with maximum winds of 69 mph.

Wind Damage Assessment

Separate analyses were performed to determine wind and hurricane storm surge related flood losses. This section describes the wind-based losses to Walton County. Wind losses were determined from probabilistic models run for the Tropical Storm which equates to the 1% chance storm event. Figure 3 shows wind speeds for the modeled Tropical Storm.

⁴ Source: NOAA National Centers for Environmental Information

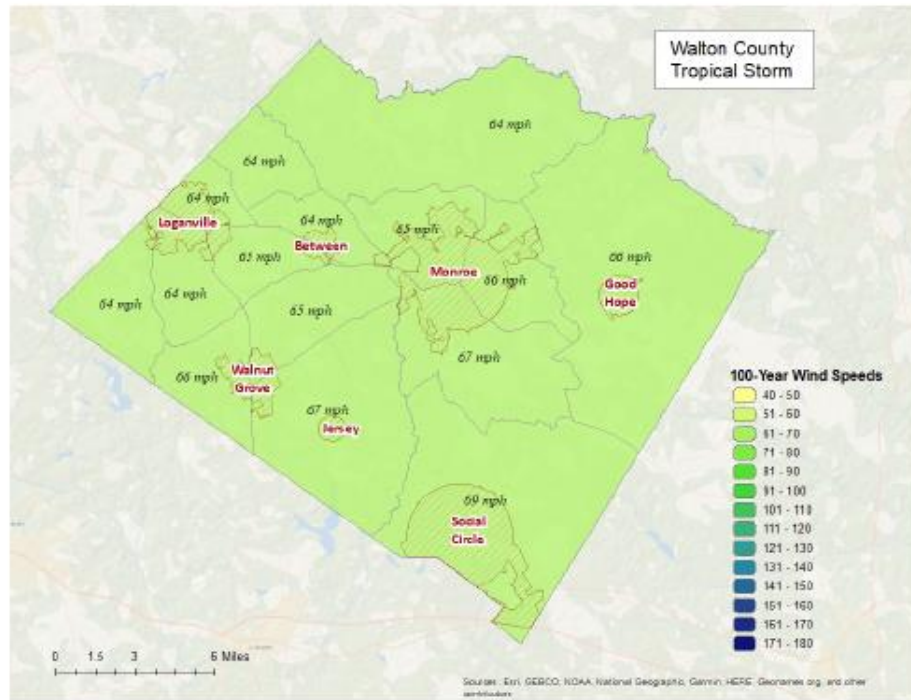


Figure 3: Wind Speeds by Storm Category

Wind-Related Building Damages

Buildings in Walton County are vulnerable to storm events, and the cost to rebuild may have significant consequences to the community. The following table shows a summary of the results of wind-related building damage in Walton County for the Tropical Storm (100 Year Event). The loss ratio expresses building losses as a percentage of total building replacement cost in the county. Figure 4 illustrates the building loss ratios of the modeled Tropical Storm.

Table 5: Hurricane Wind Building Damage

Classification	Number of Buildings Damaged	Total Building Damage	Total Economic Loss ⁵	Loss Ratio
Tropical Storm	39	\$3,737,100	\$4,705,690	0.06%

⁵ Includes property damage (infrastructure, contents, and inventory) as well as business interruption losses.

Note that wind damaged buildings are not reported by jurisdiction. This is due to the fact that census tract boundaries – upon which hurricane building losses are based – do not closely coincide with jurisdiction boundaries.

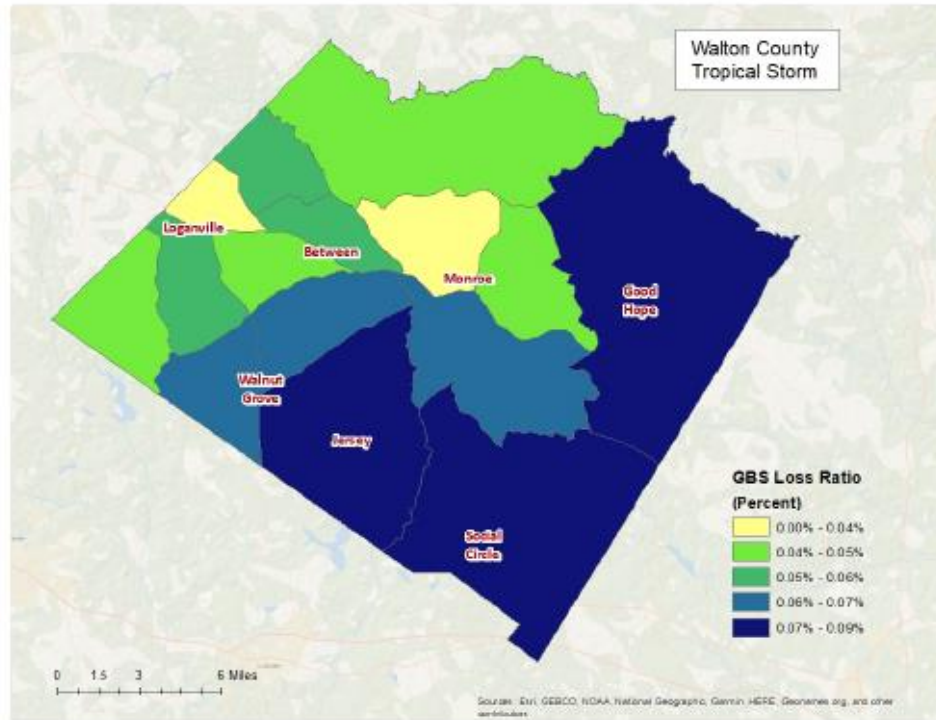


Figure 4: Hurricane Wind Building Loss Ratios

Essential Facility Losses

Essential facilities are also vulnerable to storm events, and the potential loss of functionality may have significant consequences to the community. Hazus-MH identified the essential facilities that may be moderately or severely damaged by winds. The results are compiled in Table 6.

There are 43 essential facilities in Walton County.

Classification	Number
EOCs	1
Fire Stations	15
Care Facilities	2
Police Stations	4
Schools	21

Table 6: Wind-Damaged Essential Facility Losses

Classification	Facilities At Least Moderately Damaged > 50%	Facilities Completely Damaged > 50%	Facilities with Expected Loss of Use (< 1 day)
Tropical Storm	0	0	43

Shelter Requirements

Hazus-MH estimates the number of households evacuated from buildings with severe damage from high velocity winds as well as the number of people who will require short-term sheltering. Since the 1% chance storm event for Walton County is a Tropical Storm, the resulting damage is not enough to displace Households or require temporary shelters as shown in the results listed in Table 7.

Table 7: Displaced Households and People

Classification	# of Displaced Households	# of People Needing Short-Term Shelter
Tropical Storm	0	0

Debris Generated from Hurricane Wind

Hazus-MH estimates the amount of debris that will be generated by high velocity hurricane winds and quantifies it into three broad categories to determine the material handling equipment needed:

- Reinforced Concrete and Steel Debris
- Brick and Wood and Other Building Debris
- Tree Debris

Different material handling equipment is required for each category of debris. The estimates of debris for this scenario are listed in Table 8. The amount of hurricane wind related tree debris that is estimated to require pick up at the public's expense is listed in the eligible tree debris column.

Table 8: Wind-Related Debris Weight (Tons)

Classification	Brick, Wood, and Other	Reinforced Concrete and Steel	Eligible Tree Debris	Other Tree Debris	Total
Tropical Storm	219	0	1,643	12,135	13,997

Figure 5 shows the distribution of all wind related debris resulting from a Tropical Storm. Each dot represents 20 tons of debris within the census tract in which it is located. The dots are randomly distributed within each census tract and therefore do not represent the specific location of debris sites.

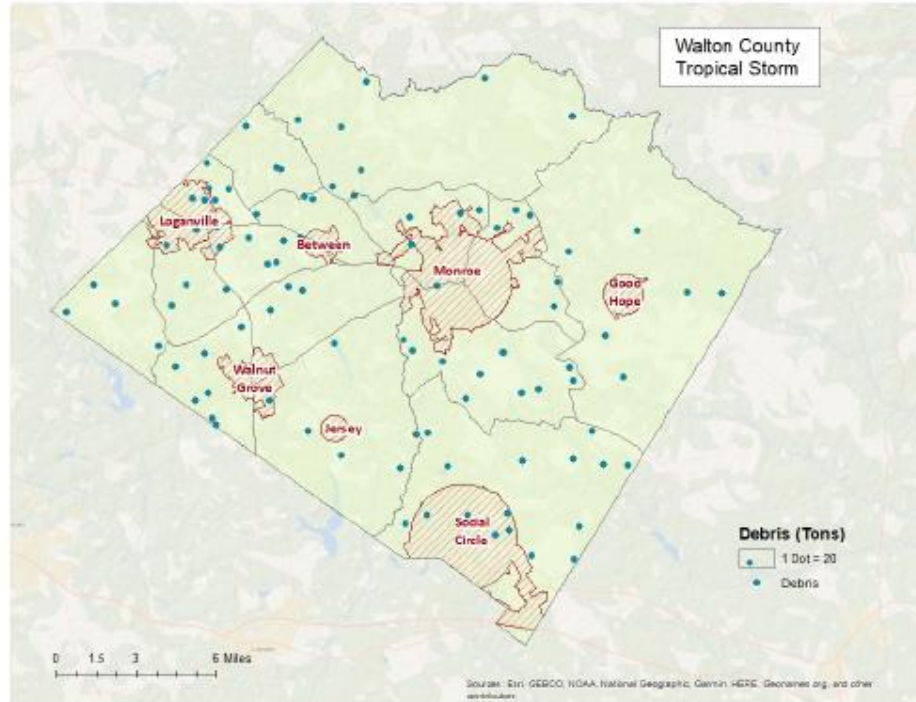


Figure 5: Wind-Related Debris Weight (Tons)

Flood Risk Assessment

Hazard Definition

Flooding is a significant natural hazard throughout the United States. The type, magnitude, and severity of flooding are functions of the amount and distribution of precipitation over a given area, the rate at which precipitation infiltrates the ground, the geometry and hydrology of the catchment, and flow dynamics and conditions in and along the river channel. Floods can be classified as one of three types: upstream floods, downstream floods, or coastal floods.

Upstream floods, also called flash floods, occur in the upper parts of drainage basins and are generally characterized by periods of intense rainfall over a short duration. These floods arise with very little warning and often result in locally intense damage, and sometimes loss of life, due to the high energy of the flowing water. Flood waters can snap trees, topple buildings, and easily move large boulders or other structures. Six inches of rushing water can upend a person; another 18 inches might carry off a car. Generally, upstream floods cause damage over relatively localized areas, but they can be quite severe in the local areas in which they occur. Urban flooding is a type of upstream flood. Urban flooding involves the overflow of storm drain systems and can be the result of inadequate drainage combined with heavy rainfall or rapid snowmelt. Upstream or flash floods can occur at any time of the year in Georgia, but they are most common in the spring and summer months.

Downstream floods, also called riverine floods, refer to floods on large rivers at locations with large upstream catchments. Downstream floods are typically associated with precipitation events that are of relatively long duration and occur over large areas. Flooding on small tributary streams may be limited, but the contribution of increased runoff may result in a large flood downstream. The lag time between precipitation and time of the flood peak is much longer for downstream floods than for upstream floods, generally providing ample warning for people to move to safe locations and, to some extent, secure some property against damage.

Coastal floods occurring on the Atlantic and Gulf coasts may be related to hurricanes or other combined offshore, nearshore, and shoreline processes. The effects of these complex interrelationships vary significantly across coastal settings, leading to challenges in the determination of the base (1-percent-annual-chance) flood for hazard mapping purposes. Land area covered by floodwaters of the base flood is identified as a Special Flood Hazard Area (SFHA).

The Walton County flood risk assessment analyzed at risk structures in the SFHA.

The following probabilistic risk assessment involves an analysis of a 1% annual chance riverine flood event (100-Year Flood) and a 1% annual chance coastal flood.

The SFHA is the area where the National Flood Insurance Program's (NFIP) floodplain management regulations must be enforced and the area where the mandatory purchase of flood insurance applies. The owner of a structure in a high-risk area must carry flood insurance, if the owner carries a mortgage from a federally regulated or insured lender or servicer.

Riverine 1% Flood Scenario

Riverine losses were determined from the 1% flood boundaries downloaded from the FEMA Flood Map Service Center in May 2020. The flood boundaries were overlaid with the USGS 10 meter DEM using the

Hazus-MH Enhanced Quick Look tool to generate riverine depth grids. The riverine flood depth grid was then imported into Hazus-MH to calculate the riverine flood loss estimates. Figure 6 illustrates the riverine inundation boundary associated with the 1% annual chance.

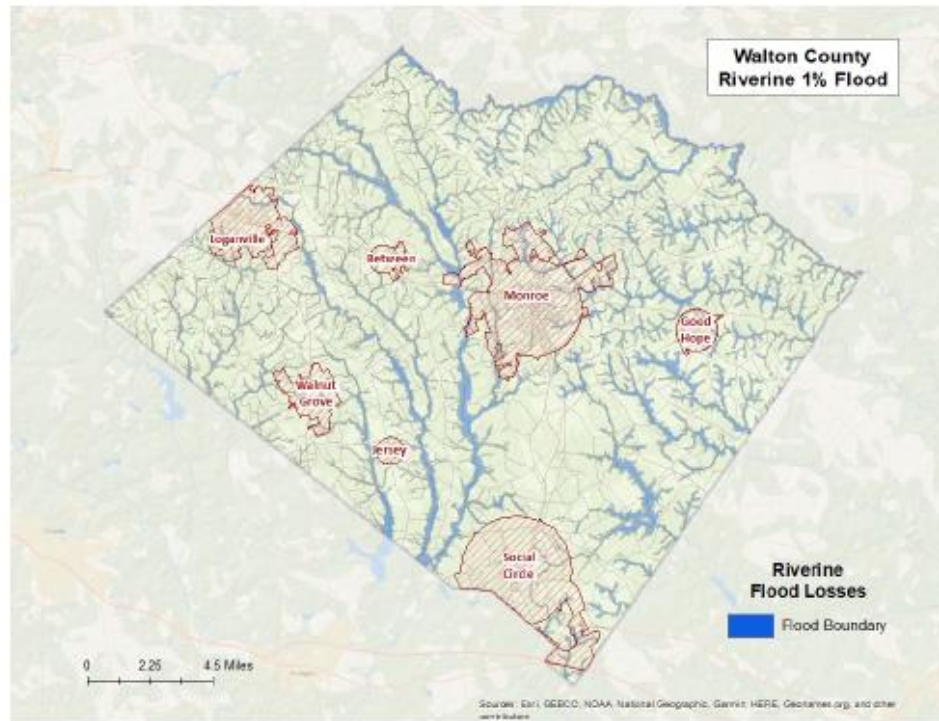


Figure 6: Riverine 1% Flood Inundation

Riverine 1% Flood Building Damages

Buildings in Walton County are vulnerable to flooding from events equivalent to the 1% riverine flood. The economic and social impacts from a flood of this magnitude can be significant. Table 9 provides a summary of the potential flood-related building damage in Walton County by jurisdiction that might be experienced from the 1% flood. Figure 7 maps the potential loss ratios of total building exposure to losses sustained to buildings from the 1% flood by 2010 census block and Figure 8 illustrates the relationship of building locations to the 1% flood inundation boundary.

Table 9: Walton County Riverine 1% Building Losses

Occupancy	Total Buildings in the Jurisdiction	Total Buildings Damaged in the Jurisdiction	Total Building Exposure in the Jurisdiction	Total Losses to Buildings in the Jurisdiction	Loss Ratio of Exposed Buildings to Damaged Buildings in the Jurisdiction
Good Hope					
Residential	151	3	\$24,732,551	\$206,663	0.84%
Loganville					
Industrial	28	1	\$6,891,622	\$20,147	0.29%
Residential	3,386	146	\$634,771,778	\$3,226,168	0.51%
Monroe					
Industrial	122	2	\$43,971,800	\$57,200	0.13%
Residential	4,731	108	\$625,985,345	\$4,408,504	0.70%
Commercial	426	3	\$79,783,346	\$76,252	0.10%
Social Circle					
Commercial	101	1	\$9,260,431	\$24,861	0.27%
Residential	1,723	6	\$254,246,697	\$170,690	0.07%

Occupancy	Total Buildings in the Jurisdiction	Total Buildings Damaged in the Jurisdiction	Total Building Exposure in the Jurisdiction	Total Losses to Buildings in the Jurisdiction	Loss Ratio of Exposed Buildings to Damaged Buildings in the Jurisdiction
Unincorporated					
Residential	23,334	885	\$4,000,220,387	\$53,042,721	1.33%
Commercial	310	17	\$28,334,845	\$262,581	0.93%
Government	31	13	\$12,685,711	\$1,141,505	9.00%
Industrial	123	1	\$22,526,210	\$7,490	0.03%
Religious	137	1	\$18,779,579	\$57,939	0.31%
Walnut Grove					
Residential	513	5	\$64,300,302	\$262,547	0.41%
County Total					
	35,116	1,192	\$5,826,490,604	\$62,965,268	

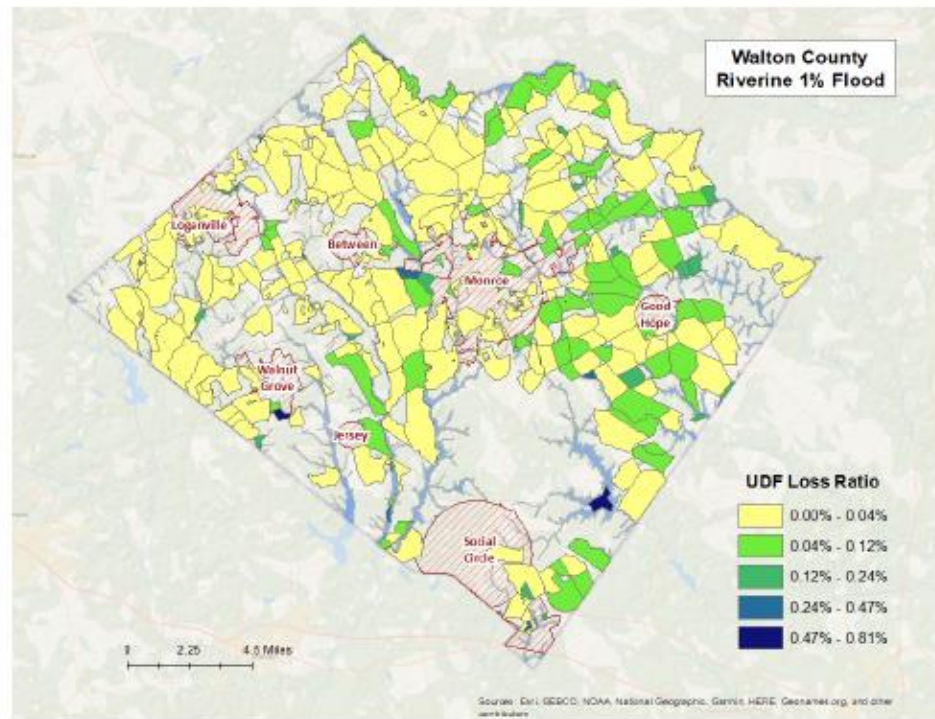


Figure 7: Walton County Potential Loss Ratios of Total Building Exposure to Losses Sustained to Buildings from the 1% Riverine Flood by 2010 Census Block

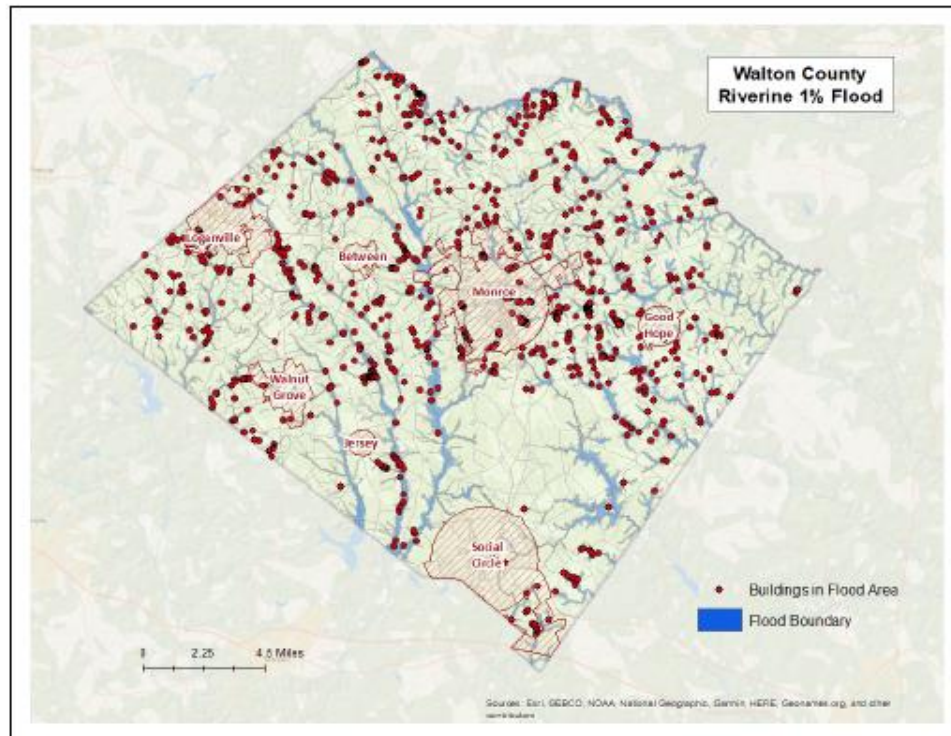


Figure 8: Walton County Damaged Buildings in Riverine Floodplain (1% Flood)

Riverine 1% Flood Essential Facility Losses

An essential facility may encounter many of the same impacts as other buildings within the flood boundary. These impacts can include structural failure, extensive water damage to the facility and loss of facility functionality (e.g. a damaged police station will no longer be able to serve the community). The analysis identified no essential facility that were subject to damage in the Walton County riverine 1% probability floodplain.

Riverine 1% Flood Shelter Requirements

Hazus-MH estimates that the number of households that are expected to be displaced from their homes due to riverine flooding and the associated potential evacuation. The model estimates 2,184 households might be displaced due to the flood. Displacement includes households evacuated within or very near to the inundated area. Displaced households represent 6,553 individuals, of which 3,549 may require short term publicly provided shelter. The results are mapped in Figure 9.

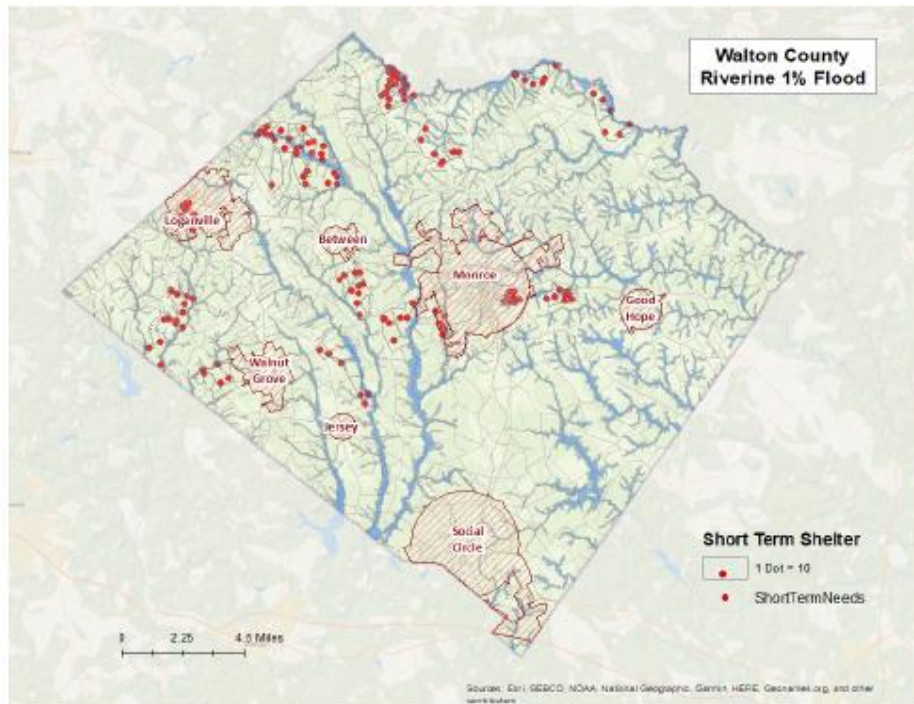


Figure 9: Riverine 1% Estimated Flood Shelter Requirements

Riverine 1% Flood Debris

Hazus-MH estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories:

- Finishes (dry wall, insulation, etc.)
- Structural (wood, brick, etc.)
- Foundations (concrete slab, concrete block, rebar, etc.)

Different types of material handling equipment will be required for each category. Debris definitions applied in Hazus-MH are unique to the Hazus-MH model and so do not necessarily conform to other definitions that may be employed in other models or guidelines.

The analysis estimates that an approximate total of 36,062 tons of debris might be generated: 1) Finishes- 11,162 tons; 2) Structural – 12,181 tons; and 3) Foundations- 12,720 tons. The results are mapped in Figure 10.

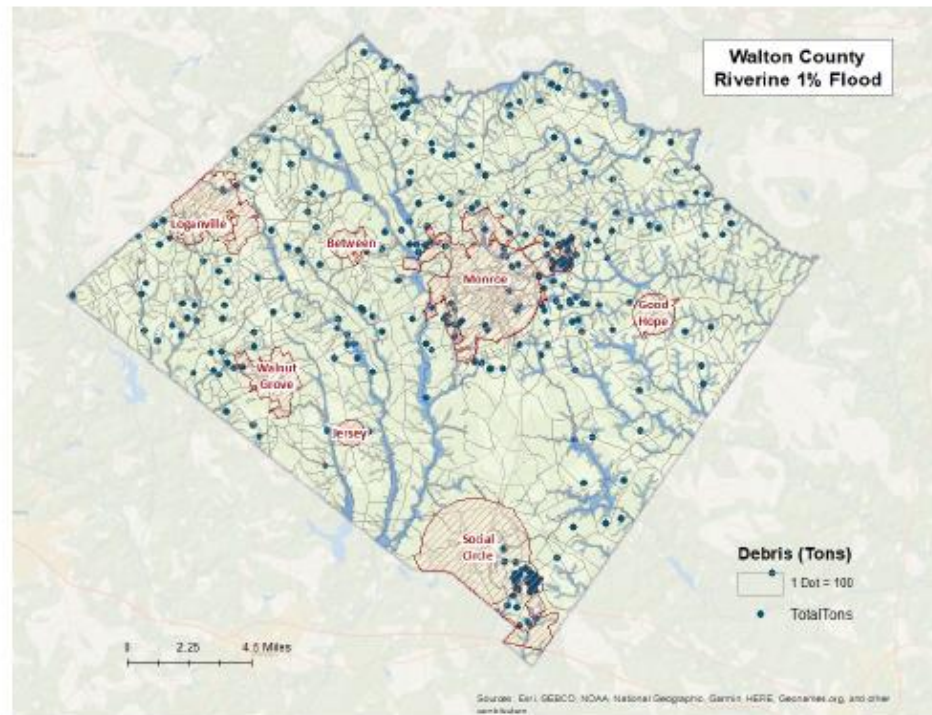


Figure 10: Riverine 1% Flood Debris Weight (Tons)

Tornado Risk Assessment

Hazard Definition

Tornadoes pose a great risk to the state of Georgia and its citizens. Tornadoes can occur at any time during the day or night. They can also happen during any month of the year. The unpredictability of tornadoes makes them one of Georgia's most dangerous hazards. Their extreme winds are violently destructive when they touch down in the region's developed and populated areas. Current estimates place the maximum velocity at about 300 miles per hour, but higher and lower values can occur. A wind velocity of 200 miles per hour will result in a wind pressure of 102.4 pounds per square foot of surface area—a load that exceeds the tolerance limits of most buildings. Considering these factors, it is easy to understand why tornadoes can be so devastating for the communities they hit.

Tornadoes are defined as violently-rotating columns of air extending from thunderstorms and cyclonic events. Funnel clouds are rotating columns of air not in contact with the ground; however, the violently-rotating column of air can reach the ground very quickly and become a tornado. If the funnel cloud picks up and blows debris, it has reached the ground and is a tornado.

Tornadoes are classified according to the Fujita tornado intensity scale. Originally introduced in 1971, the scale was modified in 2006 to better define the damage and estimated wind scale. The Enhanced Fujita Scale ranges from low intensity EF0 with effective wind speeds of 65 to 85 miles per hour, to EF5 tornadoes with effective wind speeds of over 200 miles per hour. The Enhanced Fujita intensity scale is included in Table 10.

Table 10: Enhanced Fujita Tornado Rating

Fujita Number	Estimated Wind Speed	Path Width	Path Length	Description of Destruction
EF0 Gale	65-85 mph	6-17 yards	0.3-0.9 miles	Light damage, some damage to chimneys, branches broken, sign boards damaged, shallow-rooted trees blown over.
EF1 Moderate	86-110 mph	18-55 yards	1.0-3.1 miles	Moderate damage, roof surfaces peeled off, mobile homes pushed off foundations, attached garages damaged.
EF2 Significant	111-135 mph	56-175 yards	3.2-9.9 miles	Considerable damage, entire roofs torn from frame houses, mobile homes demolished, boxcars pushed over, large trees snapped or uprooted.
EF3 Severe	136-165 mph	176-566 yards	10-31 miles	Severe damage, walls torn from well-constructed houses, trains overturned, most trees in forests uprooted, heavy cars thrown about.
EF4 Devastating	166-200 mph	0.3-0.9 miles	32-99 miles	Complete damage, well-constructed houses leveled, structures with weak foundations blown off for some distance, large missiles generated.
EF5 Incredible	> 200 mph	1.0-3.1 miles	100-315 miles	Foundations swept clean, automobiles become missiles and thrown for 100 yards or more, steel-reinforced concrete structures badly damaged.

Source: <http://www.srh.noaa.gov>

Hypothetical Tornado Scenario

For this report, an EF3 tornado was modeled to illustrate the potential impacts of tornadoes of this magnitude in the county. The analysis used a hypothetical path based upon an EF3 tornado event running along the predominant direction of historical tornados (southeast to northwest). The tornado path was placed to travel through Monroe. The selected widths were modeled after a re-creation of the Fujita-Scale guidelines based on conceptual wind speeds, path widths, and path lengths. There is no guarantee that every tornado will fit exactly into one of these categories. Table 11 depicts tornado path widths and expected damage.

Table 11: Tornado Path Widths and Damage Curves

Fujita Scale	Path Width (feet)	Maximum Expected Damage
EF-5	2,400	100%
EF-4	1,800	100%
EF-3	1,200	80%
EF-2	600	50%
EF-1	300	10%
EF-0	300	0%

Within any given tornado path there are degrees of damage. The most intense damage occurs within the center of the damage path, with decreasing amounts of damage away from the center. After the hypothetical path is digitized on a map, the process is modeled in GIS by adding buffers (damage zones) around the tornado path. Figure 11 describes the zone analysis.

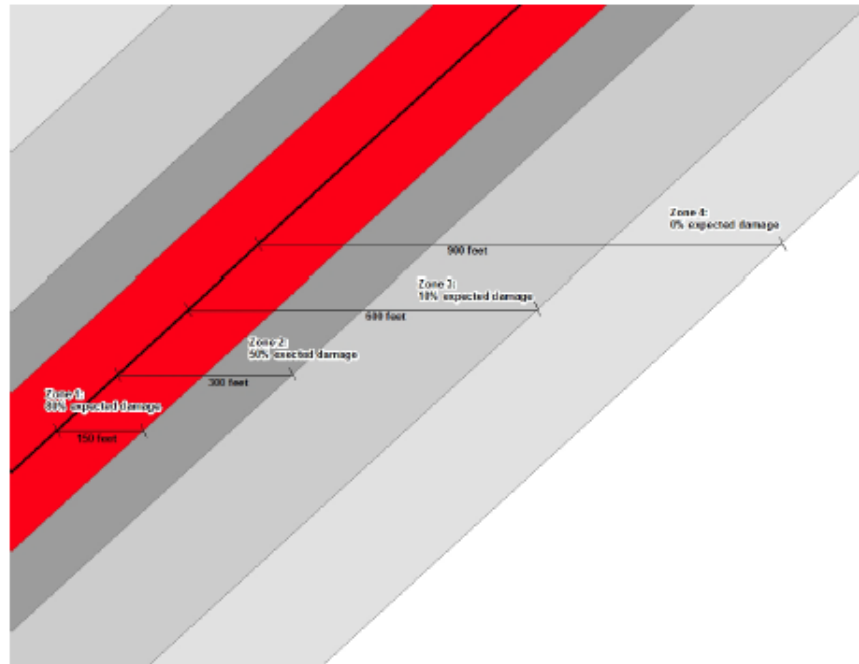


Figure 11: EF Scale Tornado Zones

An EF3 tornado has four damage zones, depicted in Table 12. Major damage is estimated within 150 feet of the tornado path. The outer buffer is 900 feet from the tornado path, within which buildings will not experience any damage. The selected hypothetical tornado path is depicted in Figure 12 and the damage curve buffer zones are shown in Figure 13.

Table 12: EF3 Tornado Zones and Damage Curves

Zone	Buffer (feet)	Damage Curve
1	0-150	80%
2	150-300	50%
3	300-600	10%
4	600-900	0%

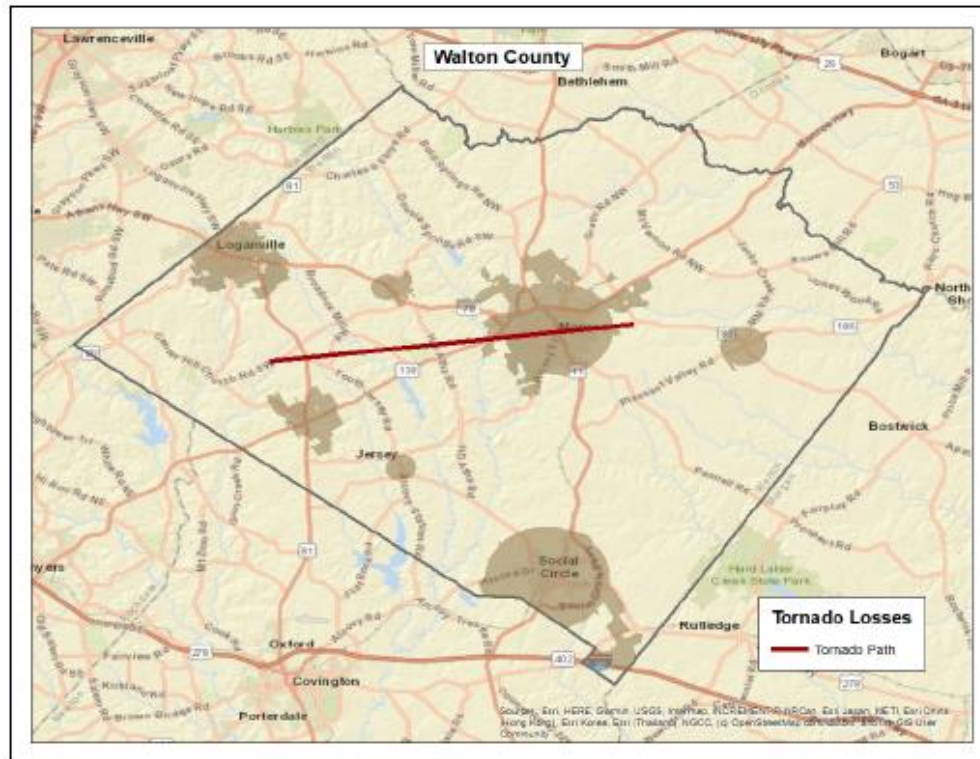


Figure 12: Hypothetical EF3 Tornado Path in Walton County

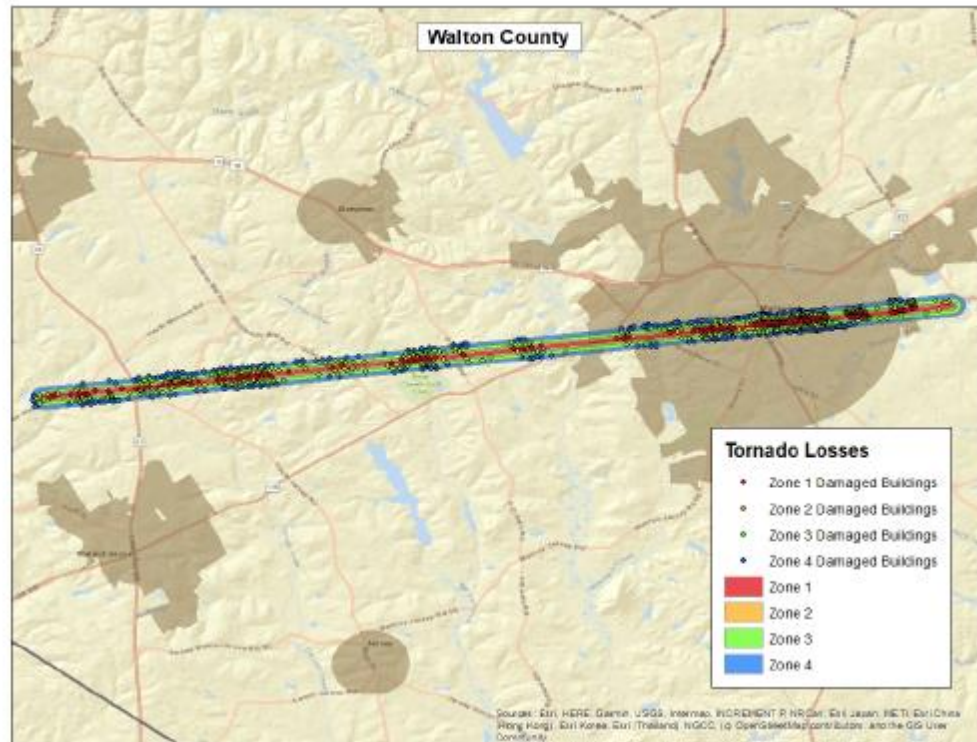


Figure 13: Modeled EF3 Tornado Damage Buffers in Walton County

EF3 Tornado Building Damages

The analysis estimated that approximately 1200 buildings could be damaged, with estimated building losses of \$62 million. The building losses are an estimate of building replacement costs multiplied by the percentages of damage. The overlay was performed against parcels provided by Walton County that were joined with Assessor records showing estimated property replacement costs. The Assessor records often do not distinguish parcels by occupancy class if the parcels are not taxable and thus the number of buildings and replacement costs may be underestimated. The results of the analysis are depicted in Table 13.

Table 13: Estimated Building Losses by Occupancy Type

Occupancy	Buildings Damaged	Building Losses
Residential	1010	\$45,750,226
Commercial	129	\$5,162,724
Industrial	19	\$190,454
Religious	8	\$685,239
Education	19	\$8,788,241
Government	14	\$1,234,517
Agricultural	1	\$12,300
Total	1200	\$61,823,702

EF3 Tornado Essential Facility Damage

There were six essential facility located in the tornado path – three schools, two fire stations and one police station. Table 14 outlines the specific facility and the amount of damage under the scenario.

Table 14: Estimated Essential Facilities Damaged

Facility	Amount of Damage
Walton County Fire Rescue – Station 12	Major Damage
George Walton Academy	Major Damage
Monroe Police Department	Major Damage
Carver Middle School	Major Damage
Youth Middle School	Minor Damage
Monroe Fire Department	Minor Damage

According to the Georgia Department of Education, Carver Middle School's enrollment was approximately 902 students, Youth Middle School's enrollment was approximately 1,124 students, and George Walton Academy's enrollment was approximately 790 students as of March 2020. Depending on the time of day, a tornado strike as depicted in this scenario could result in significant injury and loss of life. In addition, arrangements would have to be made for the continued education of the students in another location.

The location of the damaged Essential Facility is mapped in Figure 14.

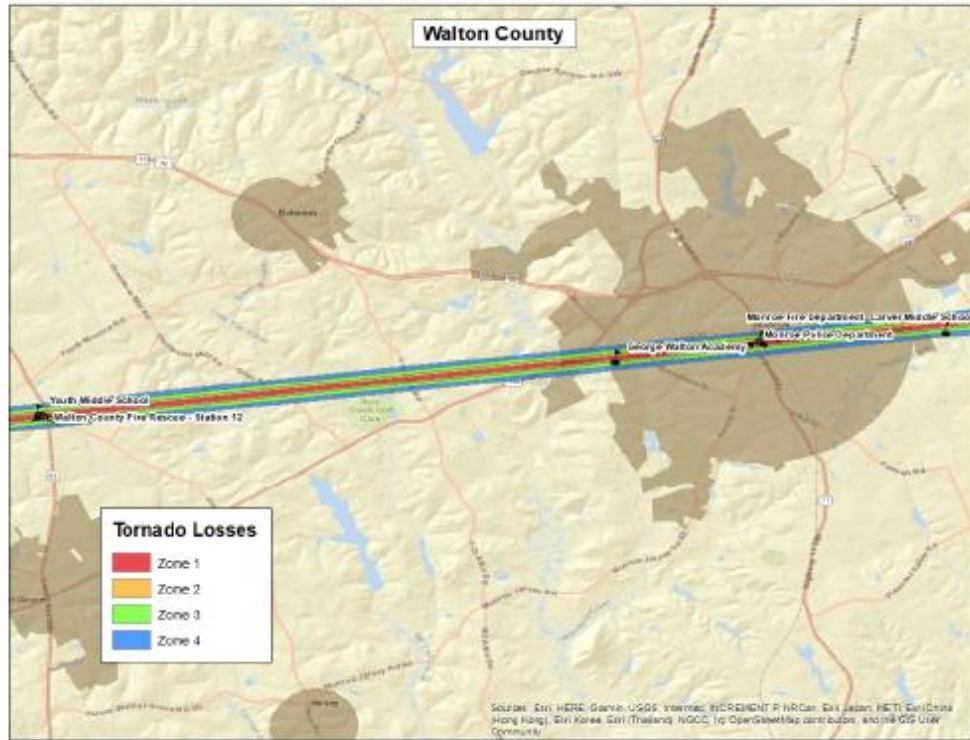


Figure 14: Modeled Essential Facility Damage in Walton County

Exceptions Report

Hazus Version 2.2 SP1 was used to perform the loss estimates for Walton County, Georgia. Changes made to the default Hazus-MH inventory and the modeling parameters used to setup the hazard scenarios are described within this document.

Reported losses reflect the updated data sets. Steps, algorithms and assumptions used during the data update process are documented in the project workflow named PDM_GA_Workflow.doc.

Statewide Inventory Changes

The default Hazus-MH Essential Facility inventory was updated for the entire state prior to running the hazard scenarios for Walton County.

Updates to the Critical Facility data used in GMIS were provided by Walton County in March 2020. These updates were applied by The Carl Vinson Institute of Government at the University of Georgia. Table 15 summarizes the difference between the original Hazus-MH default data and the updated data for Walton County.

Table 15: Essential Facility Updates

Site Class	Feature Class	Default Replacement Cost	Default Count	Updated Replacement Cost	Updated Count
EF	Care	\$11,663,000	1	\$12,359,000	2
EF	EOC	\$880,000	1	\$396,000	1
EF	Fire	\$4,026,000	14	\$6,391,000	15
EF	Police	\$31,467,000	5	\$16,781,000	4
EF	School	\$122,720,000	23	\$151,144,000	21

County Inventory Changes

The GBS records for Walton County were replaced with data derived from parcel and property assessment data obtained from Walton County. The county provided property assessment data was current as of March 2020 and the parcel data current as of March 2020.

General Building Stock Updates

The parcel boundaries and assessor records were obtained from Walton County. Records without improvements were deleted. The parcel boundaries were converted to parcel points located in the centroids of each parcel boundary. Each parcel point was linked to an assessor record based upon matching parcel numbers. The generated Building Inventory represents the approximate locations (within a parcel) of building exposure. The Building Inventory was aggregated by Census Block and imported into

Hazus-MH using the Hazus-MH Comprehensive Data Management System (CDMS). Both the 2010 Census Tract and Census Block tables were updated.

The match between parcel records and assessor records was based upon a common Parcel ID. For this type of project, unless the hit rate is better than 85%, the records are not used to update the default aggregate inventory in Hazus-MH. The Parcel-Assessor hit rate for Walton County was 100%.

Adjustments were made to records when primary fields did not have a value. In these cases, default values were applied to the fields. Table 16 outlines the adjustments made to Walton County records.

Table 16: Building Inventory Default Adjustment Rates

Type of Adjustment	Building Count	Percentage
Area Unknown	330	1%
Construction Unknown	2,865	8%
Condition Unknown	348	1%
Foundation Unknown	2,881	8%
Year Built Unknown	325	1%
Total Buildings	35,963	4%

Approximately 4% of the CAMA values were either missing (<Null> or '0'), did not match CAMA domains or were unusable ('Unknown', 'Other', 'Pending'). These were replaced with 'best available' values. Missing YearBuilt values were populated from average values per Census Block. Missing Condition, Construction and Foundation values were populated with the highest-frequency CAMA values per Occupancy Class. Missing Area values were populated with the average CAMA values per Occupancy Class.

The resulting Building Inventory was used to populate the Hazus-MH General Building Stock and User Defined Facility tables. The updated General Building Stock was used to calculate flood and tornado losses. Changes to the building counts and exposure that were modeled in Walton County are sorted by General Occupancy in Table 1 at the beginning of this report. If replacements cost or building value were not present for a given record in the Assessor data, replacement costs were calculated from the Building Area (sqft) multiplied by the Hazus-MH RS Means (\$/sqft) values for each Occupancy Class.

Differences between the default and updated data are due to various factors. The Assessor records often do not distinguish parcels by occupancy class when the parcels are not taxable; therefore, the total number of buildings and the building replacement costs for government, religious/non-profit, and education may be underestimated.

User Defined Facilities

Building Inventory was used to create Hazus-MH User Defined Facility (UDF) inventory for flood modeling. Hazus-MH flood loss estimates are based upon the UDF point data. Buildings within the flood boundary were imported into Hazus-MH as User Defined Facilities and modeled as points.

Table 17: User Defined Facility Exposure

Class	Hazus-MH Feature	Counts	Exposure
BI	Building Exposure	35,961	\$6,212,688,839
Riverine UDF	Structures Inside 1% Annual Chance Riverine Flood Area	1,273	\$195,595,924

Assumptions

- Flood analysis was performed on Building Inventory. Building Inventory within the flood boundary was imported as User Defined Facilities. The point locations are parcel centroid accuracy.
- The analysis is restricted to the county boundary. Events that occur near the county boundary do not contain loss estimates from adjacent counties.
- The following attributes were defaulted or calculated:
 - First Floor Height was set from Foundation Type
 - Content Cost was calculated from Building Cost

Appendix H – Documentation of Municipal Participation**CITY/TOWN WORKSHEET**

Municipality: Town of Between
County: Walton
Completed by: Robert J. Post – Mayor
Date: 31 August 2020

CAPABILITIES/SERVICES (CHECK ALL THAT APPLY)

- LAW ENFORCEMENT
- FIRE PROTECTION
- GARBAGE AND SOLID-WASTE COLLECTION AND DISPOSAL
- PUBLIC HEALTH FACILITIES AND SERVICES
- STREET AND ROAD CONSTRUCTION AND MAINTENANCE
- PARKS, RECREATIONAL AREAS, PROGRAMS, AND FACILITIES
- STORM-WATER AND SEWAGE COLLECTION AND DISPOSAL SYSTEMS
- DEVELOPMENT, STORAGE, TREATMENT, PURIFICATION, AND DISTRIBUTION OF WATER
- PUBLIC HOUSING
- PUBLIC TRANSPORTATION
- LIBRARIES, ARCHIVES, AND ARTS AND SCIENCES PROGRAMS AND FACILITIES
- TERMINAL AND DOCK FACILITIES AND PARKING FACILITIES
- CODES, INCLUDING BUILDING, HOUSING, PLUMBING, AND ELECTRICAL
- AIR-QUALITY CONTROL
- THE CREATION, MODIFICATION, AND MAINTENANCE OF RETIREMENT OR PENSION SYSTEMS FOR LOCAL-GOVERNMENT EMPLOYEES
- PLANNING, ZONING, AND COMMUNITY DEVELOPMENT
- ELECTRIC OR GAS UTILITY SERVICES
- STREET LIGHTING
-

GOVERNMENT STRUCTURE

Is this a City or Town: Town
Number of Councilmembers: Four (4)
Are the elections city-wide or is it based on a geographical area (district)?
City-wide
Length of term for Councilmembers (in years): 4
Are the terms staggered or at the same time? Staggered

UNIQUE HAZARDS/INDUSTRY (PLEASE LIST/EXPLAIN)

N/A

POINTS OF INTEREST/TOURISM (PLEASE LIST/EXPLAIN)

Walton County Splash Park (under construction) within Town limits

NOTABLE PAST HAZARD EVENTS (PLEASE LIST/EXPLAIN)

N/A

ADDITIONAL NOTES

CITY/TOWN WORKSHEET

Municipality: City of Jersey
 County: Walton
 Completed by: Susan Head
 Date: 2-17-2021

CAPABILITIES/SERVICES (CHECK ALL THAT APPLY)

- LAW ENFORCEMENT
- FIRE PROTECTION
- GARBAGE AND SOLID-WASTE COLLECTION AND DISPOSAL
- PUBLIC HEALTH FACILITIES AND SERVICES
- STREET AND ROAD CONSTRUCTION AND MAINTENANCE
- PARKS, RECREATIONAL AREAS, PROGRAMS, AND FACILITIES
- STORM-WATER AND SEWAGE COLLECTION AND DISPOSAL SYSTEMS
- DEVELOPMENT, STORAGE, TREATMENT, PURIFICATION, AND DISTRIBUTION OF WATER
- PUBLIC HOUSING
- PUBLIC TRANSPORTATION
- LIBRARIES, ARCHIVES, AND ARTS AND SCIENCES PROGRAMS AND FACILITIES
- TERMINAL AND DOCK FACILITIES AND PARKING FACILITIES
- CODES, INCLUDING BUILDING, HOUSING, PLUMBING, AND ELECTRICAL
- AIR-QUALITY CONTROL
- THE CREATION, MODIFICATION, AND MAINTENANCE OF RETIREMENT OR PENSION SYSTEMS FOR LOCAL-GOVERNMENT EMPLOYEES
- PLANNING, ZONING, AND COMMUNITY DEVELOPMENT
- ELECTRIC OR GAS UTILITY SERVICES
- STREET LIGHTING

GOVERNMENT STRUCTURE

Is this a City or Town: Jersey

Number of Councilmembers: 4 + Mayor

Are the elections city-wide or is it based on a geographical area (district)?
City-wide

Length of term for Councilmembers (in years): 4

Are the terms staggered or at the same time? Same

UNIQUE HAZARDS/INDUSTRY (PLEASE LIST/EXPLAIN)

N/A

POINTS OF INTEREST/TOURISM (PLEASE LIST/EXPLAIN)

N/A

NOTABLE PAST HAZARD EVENTS (PLEASE LIST/EXPLAIN)

N/A

ADDITIONAL NOTES

N/A



To: Airport Committee, City Council
From: Chris Bailey, Assistant City Administrator
Department: Airport
Date: 08/30/21
Subject: ARPA Funding Resolution

Budget Account/Project Name: N/A

Funding Source: N/A

Budget Allocation: N/A

Budget Available: N/A

Requested Expense: N/A **Company of Record:** N/A

Description:

This is a request for the approval of the resolution to accept funding from the American Rescue Plan Act (ARPA) through the Federal Aviation Administration (FAA). The City has been allocated \$32,000 in additional funding for any reimbursement costs and operating expenses at the Cy Nunnally Memorial Airport.

Background:

The City of Monroe has continually applied for grant funding as provided for the Cy Nunnally Memorial Airport by the federal and state governments.

Attachment(s):

Resolution – 1 page

**A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF MONROE, GEORGIA
AUTHORIZING THE ACCEPTANCE OF THE
GEORGIA DEPARTMENT OF TRANSPORTATION (GDOT) CONTRACT FOR
ARPA FUNDING ASSOCIATED WITH THE
CY NUNNALLY MEMORIAL AIRPORT - MONROE, GEORGIA**

WHEREAS, the American Rescue Plan Act (Public Law 117-2) (PDF), signed into law on March 11, 2021, through which \$3,458,000 in funding was allocated to eligible general aviation sponsor in Georgia through the FAA Airport Rescue Grant Program (ARGP):

WHEREAS, the CITY OF MONROE has applied through the GDOT to receive its ARP Act formula allocation of funding through the submission of an ARGP Application;

WHEREAS, through the submission of this application, the CITY OF MONROE has accepted the terms of the FAA’s allocation offer to utilize its funding in a manner that fully complies with the ARP Act, other federal laws and regulations, and applicable FAA program requirements;

WHEREAS, the CITY OF MONROE desires to request reimbursement for costs and operating expenses at CY NUNNALLY MEMORIAL AIRPORT by submitting reasonable and customary documentation for payroll, operational, and debt service costs, and;

WHEREAS, the CITY OF MONROE will receive a contract from the GDOT, contract AP022-90CR-33(297) Walton County, to provide reimbursement for the above noted costs and expenses up to a maximum amount of \$32,000.00 of which \$32,000.00 will be Federal Funds, \$0.00 will be State Funds, requiring a local match of \$0.00, and;

NOW, THEREFORE, BE IT RESOLVED THAT the CITY OF MONROE authorizes the Mayor, Attorney, and Staff to execute such documents that may be necessary to fulfill this request for federal assistance and accept a contract from the GDOT to include Federal funds.

SO RESOLVED this _____ day of September, 2021

John Howard, Mayor

Larry Bradley, Vice Mayor

Tyler Gregory, Councilmember

Myoshia Crawford, Councilmember

Norman Garret, Councilmember

Nathan Little, Councilmember

Lee Malcom, Councilmember

David Dickinson, Councilmember

Ross Bradley, Councilmember

ATTEST:

Logan Propes, City Administrator

GEORGIA CITIES WEEK
OCTOBER 3-9, 2021

A RESOLUTION OF THE CITY OF MONROE RECOGNIZING GEORGIA CITIES WEEK, OCTOBER 3-9, 2021 AND ENCOURAGING ALL CITIZENS TO SUPPORT THE CELEBRATION AND CORRESPONDING ACTIVITIES.

WHEREAS, city government is the closest to most citizens, and the one with the most direct daily impact upon its residents; and

WHEREAS, city government is administered for and by its citizens, and is dependent upon public commitment to and understanding of its many responsibilities; and

WHEREAS, city government officials and employees share the responsibility to pass along their understanding of public services and their benefits; and

WHEREAS, Georgia Cities Week is a very important time to recognize the important role played by city government in our lives; and

WHEREAS, this week offers an important opportunity to spread the word to all the citizens of Georgia that they can shape and influence this branch of government which is closest to the people; and

WHEREAS, the Georgia Municipal Association and its member cities have joined together to teach students and other citizens about municipal government through a variety of different projects and information; and

WHEREAS, Georgia Cities Week offers an important opportunity to convey to all the citizens of Georgia that they can shape and influence government through their civic involvement.

NOW, THEREFORE BE IT RESOLVED THAT THE CITY OF MONROE DECLARES OCTOBER 3-9, 2021 AS GEORGIA CITIES WEEK.

BE IT FURTHER RESOLVED THAT THE CITY OF MONROE ENCOURAGES ALL CITIZENS, CITY GOVERNMENT OFFICIALS, AND EMPLOYEES TO DO EVERYTHING POSSIBLE TO ENSURE THAT THIS WEEK IS RECOGNIZED AND CELEBRATED ACCORDINGLY.

PASSED AND ADOPTED by the City of Monroe, September 14, 2021.

CITY OF MONROE, GEORGIA

By: _____
John S. Howard, Mayor

Attest: _____
Debbie Kirk, City Clerk

**City of Monroe
Walton County, Georgia**

RESOLUTION

BE IT RESOLVED by the Mayor and City Council of the **City of Monroe** and it is hereby resolved, that the foregoing attached Local Government Lighting Project Agreement between the Georgia Department of Transportation and the City of Monroe, relative to Project P.I. No. 0016630, for pedestrian lighting assistance for State Route 11, Highland Avenue and North Lumpkin Street at three locations in the **City of Monroe**, be entered into by the **Mayor and City Council**, and that John S. Howard as Mayor, and Debbie Kirk as City Clerk, be and they are, thereby authorized and directed to execute the same for and on behalf of said Mayor and City Council.

PASSED AND ADOPTED, this _____ day of _____, 2021.

Mayor

ATTEST: _____
City Clerk

I, Debbie Kirk, as City Clerk of the Mayor and City Council do hereby certify that I am custodian of the books and records of the same, and that the above and foregoing copy of the original is now on file in my office, and was passed by the Mayor and City Council.

Witness by hand and official signature, this the _____ day of _____, 2021.

City Clerk

AGREEMENT
BETWEEN
GEORGIA DEPARTMENT OF TRANSPORTATION
AND
CITY OF MONROE

This Agreement is made and entered into this _____ day of _____, 20__,
by and between the GEORGIA DEPARTMENT OF TRANSPORTATION, an agency of the
State of Georgia, hereinafter called the **DEPARTMENT**, and the CITY OF MONROE,
GEORGIA acting by and through its City Council, hereinafter called the **CITY**.

WHEREAS, the CITY has represented to the DEPARTMENT a desire to obtain pedestrian
lighting as part of the **SR 11; HIGHLAND AVE & N LUMPKIN ST @ 3 LOCS** project, said
lighting to be installed under P.I. No. 0016630, Walton County;

WHEREAS, the CITY has represented to the DEPARTMENT a desire to participate in: 1)
providing the energy for the operation of said lighting system and 2) the Operation and
Maintenance of said lighting system at the aforesaid location, and the DEPARTMENT has relied
upon such representation; and

WHEREAS, the DEPARTMENT has indicated a willingness to fund the materials and installation for the said lighting system at the aforesaid location, with funds of the DEPARTMENT, funds apportioned to the DEPARTMENT by the Federal Highway Administration under Title 23, United States Code, Section 104, or a combination of funds from any of the above sources.

NOW, THEREFORE, in consideration of the mutual promises made and of the benefits to flow from one to the other, the DEPARTMENT and the CITY hereby agree each with the other as follows:

1. Upon completion of installation of said lighting system, the CITY shall assume full responsibility for the operation, the repair and the maintenance of the entire lighting system, including but not limited to repairs of any damages; replacement of lamps, ballasts, luminaires, lighting structures, associated equipment, conduit, wiring and service equipment; and complying with the requirements of the Georgia Utility Facility Protection Act. The CITY further agrees to provide and pay for all the energy required for the operation of said lighting system.

2. The DEPARTMENT shall retain ownership of all materials and various components of the entire lighting system. The CITY, in its operation and maintenance of the lighting system, shall not in any way alter the type or location of any of the various components which make up the entire lighting system without prior written approval from the DEPARTMENT.

3. This Agreement is considered as continuing for a period of fifty (50) years from the date of execution of this Agreement. The DEPARTMENT reserves the right to terminate this Agreement, at any time for any cause, upon thirty (30) days written notice to the CITY.

4. It is understood by the CITY that the DEPARTMENT has relied upon the CITY'S representation of its commitment to providing for the energy, maintenance, and operation of the lighting represented by this Agreement; therefore, if the CITY elects to de-energize or fails to properly maintain or to repair the lighting system during the term of this Agreement, the CITY shall reimburse the DEPARTMENT the materials cost for the lighting system. If the CITY elects to de-energize or fails to properly maintain any individual unit within the lighting system, the CITY shall reimburse the DEPARTMENT for the material cost for the individual unit which will include all costs for the pole, luminaires, foundations, and associated wiring. The DEPARTMENT will provide the CITY with a statement of material costs upon completion of the installation.

The covenants herein contained shall, except as otherwise provided accrue to the benefit of and be binding upon the successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement the day and year first above written.

RECOMMENDED:

CITY OF MONROE

BY: John S. Level
Mayor

(SEAL)

GA DEPARTMENT OF TRANSPORTATION

WITNESS

BY _____
Commissioner

Notary Public

(SEAL)

This Agreement approved by the City Council at a meeting held at

this _____ day of _____,

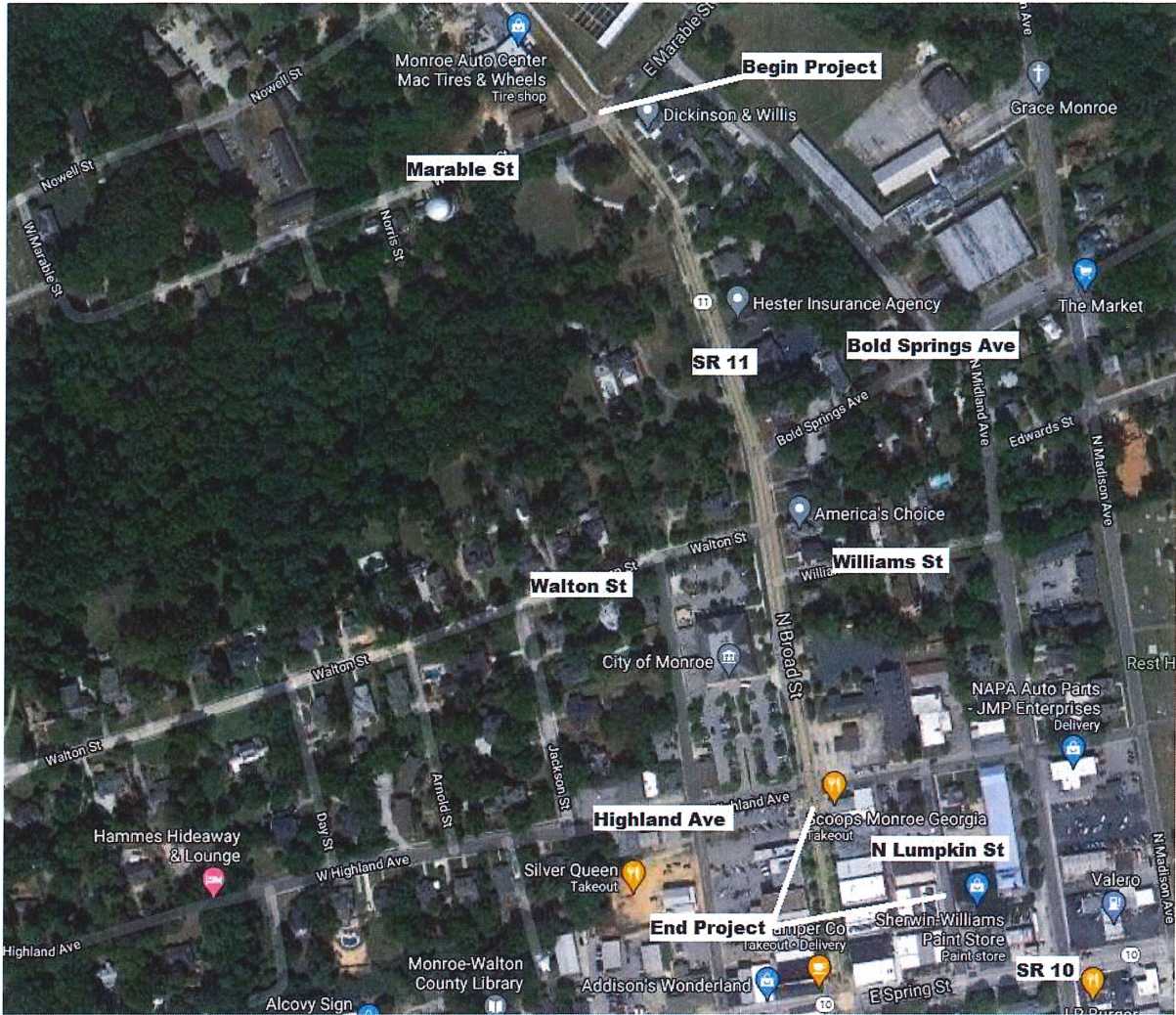
20__.

ATTEST:

Treasurer

City Clerk

Attachment "A"



Project Location Map

SR 11; HIGHLAND AVE & N LUMPKIN ST @ 3 LOCS
City of Monroe (Walton County)
P.I. No. 0016630

Resolution
Georgia Environmental Finance Authority (GEFA)
Drinking Water State Revolving Fund Loan Application
City of Monroe, Georgia

WHEREAS, the Mayor and Council is the governing body of the City of Monroe, Georgia and has authority to apply for state and federal funding offered to local governments; and

WHEREAS, the Mayor and Council has identified the need to construct a new elevated water storage tank along with approximately 5,500 feet of watermain to service City of Monroe citizens along the northeast side of Monroe.

WHEREAS, the Mayor and Council shall authorize the submittal of an application to the Georgia Environmental Finance Authority (GEFA) for a \$2,934,798.00 loan to be used to make extensions to the City’s water system and for the construction of an elevated water storage tank, in order to maintain a quality water supply for the citizens of Monroe.

NOW, THEREFORE, BE IT RESOLVED, that the Mayor and Council of the City of Monroe, Georgia does hereby support the submission of the application to the Georgia Environmental Finance Authority for a loan from the Drinking Water State Revolving Fund (DWSRF) Loan Application for costs associated with the water supply line construction project.

BE IT FURTHER RESOLVED that the City Administrator, Logan Propes, is authorized and directed to act as the official representative of the City of Monroe, Georgia, to act in connection with the application.

BE IT FURTHER RESOLVED this 14th day of September, 2021.

John S. Howard, Mayor

ATTEST:

Debbie Kirk, Clerk



To: City Council
From: John Howard
Department: n/a
Date: 09-14-21
Subject: Mayor’s Letter of Acknowledgement regarding Moore’s Ford

Budget Account/Project Name: n/a

Funding Sources: n/a

Budget Allocation:	\$0.00	
Budget Available:	\$0.00	
Requested Expense:	\$0.00	Company of Purchase: n/a

Description:
 Letter from the Mayor on behalf of the City of Monroe regarding the Moore’s Ford Lynching.

Background:
 One of the recommendations from the Young Gamechangers proposals for the City of Monroe were to create a Diversity Advisory Board to serve and advise the City Council. This board was formed in 2020, and one of the initial requests from this board was for the city to issue a Letter of Acknowledgement and a temporary Moore’s Ford memorial marker as a step in pursuing healing and reconciliation in our community around the tragic event.

Attachment(s):
 Letter from the Mayor
 Rendering of proposed marker

There has been renewed interest in the lynching at Moore's Ford, which took place 75 years ago, near the Walton and Oconee County line. Each year, there are marches and reenactments portraying the route taken by the victims from downtown Monroe to the scene of the murders of George and Mae Murray Dorsey and Roger and Dorothy Malcom.

In the months and years that followed the lynching, the Federal Bureau of Investigation spent months in and around Monroe, GA, trying to investigate the murders. Out of fear and mistrust, they received no cooperation from the people of Monroe or Walton County. Many years later, the case was reopened. More investigations and questioning by the Georgia Bureau of Investigation led to no resolution. To date, there has been no justice for these wrongdoings.

We cannot fathom the level of hate that would have driven men to murder fellow human beings so violently. At the same time, we cannot begin to comprehend the fear that was within the minds of those who were killed by the mob. We can attest to the painful impact on our community that we see today from these past transgressions.

An idea created by the Young Gamechangers, the Monroe Diversity Advisory Board acts as a liaison between the Mayoral Office and the City of Monroe City Council on issues related to diversity and inclusion. In November 2020, the Monroe Diversity Advisory Board made a request for a public apology regarding the actions associated with this horrific event. As noted by the Young Gamechangers, "The voices of minorities are often simply not as amplified as others due to a variety of challenges and traditions. It is vital to a community's growth and vitality to have all parties working together to find a common ground for conversation and to set common priorities for policies, programs, and growth."

Lynching reflects a horrific racial violence that regretfully affected much of our nation. We oppose these past injustices and express sympathy to the victims' families and their descendants. As Gloria Steinem said, "...it takes four generations to heal an act of violence." There is still much healing needed, and our hope is that this public statement, along with our continued work to bring all of Monroe together, will have a positive impact on our future.

As Monroe and Walton County have become thriving examples of progress, it is of utmost importance that we continue to improve, striving to make this world a better place. By acknowledging the past, we gain the insight of others. Our future success depends on all of us – all races, all people, working together.

We pray that God bless and unite our community with His grace,



REMEMBERING THE LIVES THAT WERE LOST
ON JULY 25, 1946 AT MOORE'S FORD BRIDGE.



GEORGE W. AND MAE MURRAY DORSEY
ROGER AND DOROTHY MALCOM

"IT TAKES EMPATHY, PATIENCE, AND COMPASSION
TO OVERCOME ANGER, HATRED, AND RESENTMENT."
- MARTIN LUTHER KING, JR.