

MAYOR
Allen Brown

CITY MANAGER
Kenneth Howard

CITY CLERK
Lia Jones

CITY ATTORNEY
Linnie Darden III



**MAYOR AND COUNCIL
REGULAR MEETING
AGENDA
3:00 PM
May 18, 2023
Council Chamber**

MAYOR PRO TEM
Keith Jenkins

COUNCIL MEMBERS
Diana Reid
Vicky Nelson
Jason R. Floyd
Karl A. Riles

1. INVOCATION

Bishop A. D. Shaw of Full Gospel Tabernacle COGIC.

2. MINUTES

Approve the Minutes of the May 4, 2023 Council Meeting.

3. UNFINISHED BUSINESS

3.1. PROPOSED OPEN CONTAINER ORDINANCE #2022-06

To Present for Mayor and Council Consideration, Proposed Open Container Ordinance #2022-06.

Action Item

3.2. LIVE OAK LIBRARY BOARD

To Present for Mayor and Council Consideration, Live Oak Library Board Appointments Will Expire on June 30, 2023. Appointments are Made by Mayor and Council (Sandra Hicks-Sheffield).

Informational Item

4. PRESENTATION

4.1. GREAT AMERICAN CLEAN UP

To Present for Mayor and Council Consideration, Keep Liberty Beautiful Great American Clean Up to Award Mayor and Council 2023 Trophy

Informational Item

5. NEW BUSINESS

5.1. WATER CONSERVATION PLAN UPDATE

To Present for Mayor and Council Consideration, Adoption of an Updated Water Conservation Plan.

Informational Item

5.2. HISTORIC PRESERVATION COMMISSION

To Present for Mayor and Council Consideration, Historic Preservation Commission Appointment

"Home for a Day or a Lifetime"

Mayor Pro Tem Jenkins (Andre Holmes) Resignation.

Informational Item

5.3. ENGINEERING BID AWARD

To Present for Mayor and Council Consideration, Engineering Bid Award for Krebs Park Phase 2.

Action Item

5.4. LEAD AND COPPER RULE, REQUIREMENTS AND STRATEGY

To Present for Mayor and Council Consideration, Lead and Copper Rule, Requirements and Strategy for City Compliance.

Informational Item

5.5. HINESVILLE POLICE DEPARTMENT MOBILE APP

To Present for Mayor and Council Consideration, Publicly Announce the Launching of the Hinesville Police Department Mobile Application.

Informational Item

6. BUSINESS LICENSE

6.1. PEDDLER'S LICENSE REQUEST

To Present for Mayor and Council Consideration, Dyneekha McNair would like a 2023 Peddler's License to operate an ice cream truck.

Action Item

6.2. TRANSIENT MERCHANT LICENSE REQUEST

To Present for Mayor and Council Consideration, David Midgorden of TNT Fireworks has Requested a 20223 Transient Merchant License to Sell Fireworks at Four Locations.

Action Item

7. PUBLIC COMMENT

7.1. PUBLIC COMMENT

8. MAYOR ALLEN BROWN

8.1. MAYOR BROWN'S REPORT

9. COUNCILMEMBER RILES - DISTRICT 5

9.1. COUNCILMEMBER RILES REPORT

9.2. MONTHLY CRIME AND CITATION REPORT

10. MAYOR PRO TEM JENKINS - DISTRICT 4

10.1. MAYOR PRO TEM JENKINS REPORT

10.2. MONTHLY INSPECTIONS DEPT. REPORT

11. COUNCILMEMBER NELSON - DISTRICT 3

11.1. COUNCILMEMBER NELSON'S REPORT

11.2. MONTHLY HFD REPORT

"Home for a Day or a Lifetime"

12. **COUNCILMEMBER FLOYD - DISTRICT 2**
 - 12.1. **COUNCILMEMBER FLOYD'S REPORT**
 - 12.2. **MONTHLY BUSINESS LICENSE REPORT**
 - 12.3. **MONTHLY BIRTHDAYS**
 - 12.4. **LIBERTY TRANSIT MONTHLY REPORT**
13. **COUNCILMEMBER REID - DISTRICT 1**
 - 13.1. **COUNCILMEMBER REID'S REPORT**
 - 13.2. **MONTHLY ESG OPERATION AND STATUS REPORT**
14. **CITY MANAGER KENNETH HOWARD**
 - 14.1. **CITY MANAGER'S REPORT**
 - 14.2. **FY 2024 PROPOSED BUDGET CALENDAR**

To Present for Mayor and Council Consideration, Proposed Calendar for the Preparation, Presentation and Adoption of the City's Fiscal Year 2024 Budget.

Informational Item
15. **EXECUTIVE SESSION**
 - 15.1. **EXECUTIVE SESSION**

To Hold an Executive Session to Discuss Real Estate Matters and Personnel.

Informational Item
16. **ADJOURN**

"Home for a Day or a Lifetime"



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023

Agenda Item: Proposed Open Container Ordinance #2022-06

Prepared by: Lia Jones

Presented by: Kenneth Howard

PURPOSE: To Present for Mayor and Council Consideration, Proposed Open Container Ordinance #2022-06.

BACKGROUND: As discussed at the April 20, 2023 Council meeting, this item was advertised in the Coastal Courier on April 27, 2023.

Sec. 2-75. - Rules for the conduct of business. (2) Every ordinance before its introduction must be reduced to writing and available for public review. A notice of availability for public review and the intent to introduce must be published in the official *organ* of the County at least 14 days prior to introduction. Such a notice shall summarize the proposed ordinance, state that a copy of the proposed ordinance is available at City Hall for review by the public and state the date on which the proposed ordinance will be introduced.

FUNDING: N/A

RECOMMENDATION:

ATTACHMENTS:

1. Proposed Ordinance #2022-06 Consumption of Alcohol on City Streets_draft 3
2. Coastal Courier Advertisement

PREVIOUS COUNCIL DISCUSSION: After further discussion, City Clerk Jones explained that the item will be advertised in the Coastal Courier on Thursday, April 27, 2023, and presented as an action item at the May 18, 2023.

AN ORDINANCE TO AMEND THE CODE OF THE CITY OF HINESVILLE, GEORGIA, CHAPTER 9, LICENSING AND BUSINESS REGULATIONS, ARTICLE IV. MISCELLANEOUS BUSINESS REGULATIONS, SEC. 9-110 CONSUMPTION OF ALCOHOL ON CITY STREETS; TO PROVIDE AN ADOPTION DATE; TO PROVIDE AN EFFECTIVE DATE; AND FOR OTHER PURPOSES ALLOWED BY LAW.

WITNESSETH:

WHEREAS, the City of Hinesville has previously adopted the Consumption of Alcohol on City Streets Ordinance; and

WHEREAS, so as to further regulate and enforce the use of Consumption of Alcohol on City Streets, and maintain the intent of the aforesaid Ordinance, The Mayor and Council of the City of Hinesville desire to amend said Ordinance.

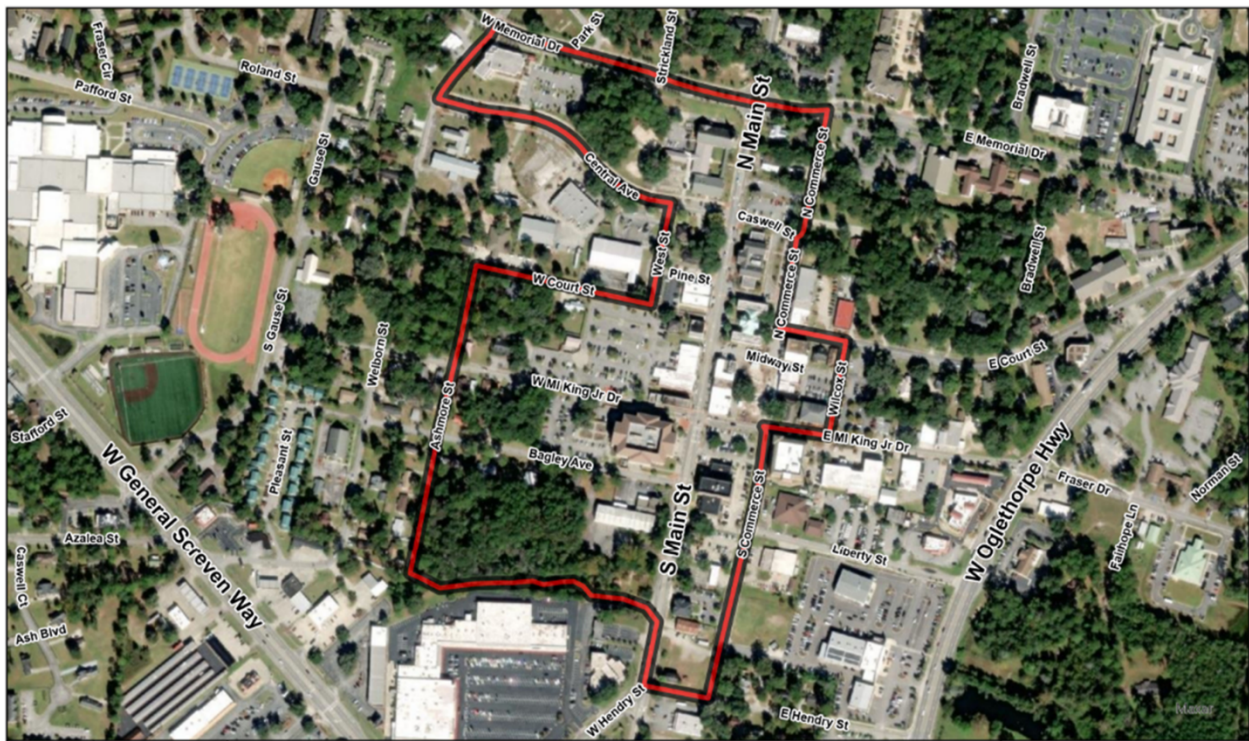
NOW THEREFORE, BE IT ORDAINED by the Mayor and Council of the City of Hinesville, and it is hereby ordained by the authority of same, that the Ordinance regulating Consumption of Alcohol on City Streets shall be amended as follows:

Chapter 9 - Licensing and Business Regulations
Article IV. Miscellaneous Business Regulations
Sec. 9-110 Consumption of Alcohol on City Streets

Section 9-110. Consumption of Alcohol on City Streets

- (a)** Except for the area and circumstances specified in subsections (b) and (c) herein, it shall be unlawful for any person to possess an alcoholic beverage in an open container, either on their person, in a motor vehicle or otherwise on the streets, sidewalks, parks, squares or other public places within the City of Hinesville.
- (b)** Within the area of the City bounded to the Main Street District, the following regulations apply:
 - 1.** Any Class C licensee may sell one alcoholic beverage in an aluminum, paper, or plastic cup for removal from the premises; provided, however, that the alcoholic beverage is not placed in a can, bottle or other glass container and further provided,

- that the licensee may dispense no more than one alcoholic beverage per person, and no person shall remove more than one alcoholic beverage from the premises; and
2. Any alcoholic beverage dispensed pursuant to this section shall not exceed 16 fluid ounces in size and no person shall possess an open container containing an alcoholic beverage in excess of 16 fluid ounces on the streets, sidewalks, parks, squares or other public places within the area described in this subsection.
 3. Unless specifically provided otherwise by ordinance, the regulations provided by this section shall be in full force and effect during specified events.
- (c) Persons aged 21 and over may possess alcoholic beverages as provided by subsection (b)(2) during events of a limited duration conducted within Bradwell Park sponsored either by the City or those for which a special event permit has been obtained from the Business License Office.



Downtown Open Container Boundary

Boundaries generally. The general boundaries of the downtown open container overlay may be those properties extending the distance from the intersection of S Commerce St and E ML King Jr Dr, proceeding south/southwest on S Commerce St to the E Hendry St intersection, west/northwest on E Hendry St to the S Main St/W Hendry/E Hendry St intersection. North/northeast on S Main St and crossing over at the Main St Park Bus Stop to the Main St Park walking trail. Traverse west/southwest along the Main St Park walking trail to Ashmore St, north/northeast along Ashmore St to the W Court St intersection. East/southeast on W Court St to the West St intersection, north/northeast on West St to the Central Ave intersection. West/northwest on Central Ave to the Welborn St intersection, northeast on Welborn St to the W Memorial Dr intersection. East/southeast on W Memorial Dr, through the traffic circle (S. Main St/N Main St/E Memorial Dr intersection). Continue east on E Memorial Dr to the N Commerce St intersection, south/southwest along N Commerce St to the E Court St intersection. East/southeast on E Court St to the Wilcox St intersection, south/southwest on Wilcox St to the E ML King Jr Dr intersection. West/northwest along ML King Jr Dr to the point of origin, the S Commerce St and E ML King Jr Dr intersection. The boundary includes commercial, downtown development, office and institutional, planned development, and residential districts and shall include all properties adjacent on both sides to the boundaries described herein.

EFFECTIVE DATE

This Ordinance shall become effective on _____ day of _____, 2023.

APPROVED this _____ day of _____, 2023, by the Mayor and Council of the City of Hinesville.

Allen Brown, Mayor

Keith Jenkins, Mayor Pro Tem

Diana F. Reid, Councilmember

Jason R. Floyd, Councilmember

Vicky C. Nelson, Councilmember

Karl A. Riles, Councilmember

ATTEST:

Lia Jones, City Clerk

April 25, 2023

CITY OF HINESVILLE

NOTICE

A proposed Ordinance #2022-06, to amend the Code of the City of Hinesville, Georgia, Chapter 9, Licensing and Business Regulations, Article IV. Miscellaneous Business Regulations, Sec. 9-110 Consumption of Alcohol on City Streets; to Provide an Adoption Date; to Provide an Effective Date; and for Other Purposes Allowed by Law, is available for public review in the City Clerk's Office, Monday through Friday between 8:00 a.m. and 5:00 p.m., at City Hall, 115 East M. L. King Jr., Drive, Hinesville, Georgia 31313.

This Ordinance will be presented to Mayor and Council as an informational item at the regular scheduled City Council Meeting to be held on May 4, 2023 and presented as an action item at the regular scheduled City Council Meeting to be held on May 18, 2023 in the City Hall Council Chamber, located at 115 East M.L. King Jr. Drive at 3:00 p.m.

All interested citizens are invited to attend.

Coastal Courier – April 27, 2023

Please acknowledge receipt of this notice. Thank you!



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Live Oak Library Board
Prepared by: Lia Jones
Presented by: Kenneth Howard

PURPOSE: To Present for Mayor and Council Consideration, Live Oak Library Board Appointments Will Expire on June 30, 2023. Appointments are Made by Mayor and Council (Sandra Hicks-Sheffield).

BACKGROUND: The Live Oak Library Board shall consist of three members appointed by the Council. All members shall be residents of the City of Hinesville and shall serve a three-year term. Appointments are Made by the Council.

Mayor and Council - Sandra Hicks-Sheffield

FUNDING: None

RECOMMENDATION:

ATTACHMENTS:

1. Live Oak Library Board
2. Live Oak Library Board Bylaws

PREVIOUS COUNCIL DISCUSSION: This item was introduced at the May 4, 2023 Council meeting.

STANDING
BOARDS/COMMISSIONS/AUTHORITIES
APPOINTEES

Live Oak Library Board - Board Liaison Lia Jones							
APPOINTED BY	CURRENT APPOINTEES	RESIDES IN DISTRICT	TERMS SERVED	LENGTH OF TERM	TERM BEGAN	TERM EXPIRES	NOTES
Mayor and Council	Sandra Hicks-Sheffield	N/A	1	3 Years	07/06/2017	06/30/2023	
Mayor and Council	Aminata T. Morris			3 Years	03/04/2021	06/30/2025	completed the unexpired term of Helen Stripling and reappointment 06/16/2022
Mayor and Council	Krystal Britton-Hart		1	3 Years	07/18/2019	06/30/2025	

CONSTITUTION OF THE LIBERTY COUNTY LIBRARY BOARD OF TRUSTEES

ARTICLE I. NAME

Section 1. The name of the library shall be the Liberty County Library.

ARTICLE II. PURPOSE

Section 1. These Constitution and Bylaws are companion documents to the Constitution and Bylaws of the Live Oak Public Libraries system (hereinafter Regional Library) and are intended to clarify local practices and the relationship of the Liberty County Library (hereinafter County Library) to the Regional Library. There is to be no conflict between provisions of these Constitution and Bylaws and those of the Regional Library system. If inadvertent conflict occurs, the Regional Constitution and Bylaws shall govern.

Section 2. The County Library shall furnish library service to the people of Liberty County as set forth in the Constitution and Bylaws of the Regional Library, and under the laws and regulations governing public libraries services to all citizens of Liberty County to meet their informational, educational, and recreational needs.

ARTICLE III. CONSTITUENCY

Section 1. The Liberty County Library is a fully participating member of the Live Oak Public Libraries. Membership in the Regional Library provides the citizens of Chatham, Effingham, and Liberty counties with fully reciprocal borrowing privileges in all libraries in the system.

ARTICLE IV. LEGAL AUTHORITY

Section 1. The legal authority for public libraries and boards of trustees described in Title 20, Chapter 5, Article 2 of the Official Code of Georgia, Annotated, amended March 26, 1984.

ARTICLE V. COUNTY LIBRARY BOARD OF TRUSTEES

Section 1. The County Library Board of Trustees shall be composed of eight members appointed by the governmental agencies financially supporting the library on a regular basis, as required by state law. The Liberty County Board of Commissioners and Hinesville City Council shall each appoint three members; the Midway City Council and Riceboro City County shall each appoint one member.

Section 2. The term of office shall be three years, with starting and ending dates corresponding to the Library's fiscal year. A member whose term expires at the end of any fiscal year, and whose seat has not been filled by the appointing agency, may continue service up to

three months pending reappointment or replacement by the appointing agency. No member may serve on this Board for more than three successive three-year terms.

Section 3. Board members must reside in Liberty County. When a sitting member chooses to reside elsewhere, that seat shall be considered vacant, and the Secretary shall notify the appointing body of the vacancy and request that it be filled.

Section 4. Vacancies on the Board shall be filled in the same manner as appointments are made. If a vacancy occurs prior to the expiration of a trustee's term, the new appointee shall complete the unexpired term. This unexpired term shall be considered the first term of the new appointee if it exceeds eighteen months.

Section 5. Board members shall receive no compensation but may be reimbursed for any reasonable and necessary expenses incurred in the performance of library duties. Membership dues or fees for individual membership of Board members in state, regional, and national library associations may be paid from operating funds.

Section 6. The County Library Board shall appoint two of its members to represent it as members of the Regional Library Board. The Regional Board member shall be entrusted with representing and interpreting the interest of the County Library Board to the Regional Board.

ARTICLE VI. OFFICERS

Section 1. The officers of the Board of Trustees shall be a Chair, a Vice Chair and a Secretary elected from those serving on the Board. These officers shall perform the duties prescribed by the Bylaws and by *Robert's Rules of Order* (Revised). The duties of Treasurer shall be performed by the Regional Library Director.

Section 2. The officers shall be elected at the July meeting, as specified in the Bylaws, to serve for one year or until their successors are elected, and their terms of office shall begin at the close of the meeting at which they are elected.

ARTICLE VII. COMMITTEES

Section 1. An executive Committee, composed of the officers of the Board, shall be entrusted to govern in the name of the Board of Trustees between meetings of the Board.

Section 2. Other special committees may be appointed by the Chairman as needed.

ARTICLE VIII. AMENDMENT OF THE CONSTITUTION

Section 1. This Constitution may be amended at any regular meeting of the Liberty County Library Board of Trustees, by a two-third vote of the members present provided that notice is made in writing at least twenty-eight days prior to the meeting and provided that a quorum is present. All amendments to the Constitution shall be filed with the Director of the Live Oak Public Libraries, who shall file amendments with the Office of Public Library Services of the Georgia State Department of Technical and Adult Education immediately upon adoption.

Adopted: October 16, 1989

Amended: July 18, 1994; July 17, 1995; April 19, 1999, July 16, 2001; October 21, 2002; February 3, 2003; October 18, 2010

BYLAWS OF THE LIBERTY COUNTY LIBRARY BOARD OF TRUSTEES

ARTICLES I. DUTIES AND RESPONSIBILITIES OF BOARD MEMBERS

Section 1. The County Library Boards of Trustees are the organizations from which the members of the Live Oak Public Libraries Board of Trustees, the governing body of the Live Oak Public Libraries system, are drawn.

Section 2. The County Library Board of Trustees shall set local policies and practices in matters on which Regional Library Board policy is silent, and in matters delegated to County Boards by the Regional Board.

Section 3. The County Library Board of Trustees shall discharge those duties delegated to it by the regional Library Board of Trustees. All formal actions of the County Library Board of Trustees taken in discharging those duties shall be reported to the Regional Board of Trustees for approval and recording at their next meeting.

Section 4. The County Library Board of Trustees shall review Liberty County Library budgets prepared by the Regional Library Director, approve and recommended budget proposals to the Regional Library Board, and present b budget proposals and the library's fiscal needs to its support agencies.

ARTICLE II. DUTIES OF THE OFFICERS

Section 1. The Chair shall preside at all regular or called County Board meetings. He/She shall appoint all committees and shall be an ex officio member of all committees.

Section 2. The Vice Chair shall preside in the absence of the Chair. All other duties of the Vice Chair shall be assigned by the Chair.

Section 3. The Secretary shall record the official actions of the Board, keep a record of attendance at Board meetings, and have custody of the official minutes, which shall be housed in the Liberty County Library. He/She shall notify the proper appointing authorities of vacancies which may occur on the Board. The Secretary shall send copies of the minutes of all meetings to the Director of the Live Oak Public Libraries system. He/She shall report changes of membership to the Regional Library Director.

ARTICLE III. MEETINGS

Section 1. The Liberty County Library Board of Trustees shall hold four regular meetings during each fiscal year, including one in each calendar quarter. Regular meetings shall be held on the fourth Monday in January and the third Monday in the months of April, July, and October at 5:00 p.m., at such locations and times as determined by the Board or the Chair.

Section 2. Special meetings may be called by the Chair, or in the Chair's absence, by the Vice Chair, for transaction of business stated in the call for the meeting. No business

other than that for which the meeting was called may be discussed or conducted at a called meeting.

Section 3. Prior to each regular or called meeting of the County Library Board, the Regional Library Director shall notify each member of the date, time, and place of the meeting.

Section 4. Meetings of the Executive Committee may be called by the Chair to transact any business requiring attention between regular meetings of the County Board.

Section 5. All meetings must be open to the public and the news media in accordance with the Official Code of Georgia Annotated 5-14-1 et seq.

Section 6. The latest edition of *Robert's Rules of Order (Revised)*, when not in conflict with these Constitution and Bylaws, shall govern the proceedings of the Board of Trustees.

Section 7. Each member of the Board shall have one vote.

Section 8. Four members of the Board of Trustees shall constitute a quorum. No official business may be conducted without a quorum. Except as stated elsewhere in these Constitution and Bylaws, a simple majority affirmative vote of the quorum present and voting shall be necessary to approve any action before the Board.

Section 9. The Regional Library Director shall be notified in advance of all meetings of the County Library Board, its Executive Committee, or any of its committees. The Regional Library Director or a representative appointed by the Director shall attend all meetings of the County Library Board, its Executive Committee, or any of its committees.

ARTICLE IV. STAFF

Section 1. Staff of the Liberty County Library shall be an integral part of the Regional Library Staff, subject to the same staff line of authority as Regional Library Staff.

ARTICLES V. REPORTS

Section 1. The County Library system shall submit all reports requested by the Regional Library system to provide the information necessary to complete reports required by state, federal, or local laws or regulations, or to manage the Regional Library system in an efficient and business-like manner.

ARTICLE VI. ATTENDANCE

Section 1. A Board member shall be removed for cause or for failure to attend three consecutive regularly scheduled meetings.

Section 2. A letter reporting removal and specifying the cause shall be sent by the Secretary to the affected Board member and to the appointing body responsible for

his/her appointment. The local appointing body shall be asked to appoint another representative to fill that member's unexpired term.

ARTICLE VII. AMENDMENTS

Section 1. These Bylaws may be amended at any regular meeting of the Board of Trustees by a two-thirds vote of the members present, provided that notice is made in writing at least twenty-eight days prior to the meeting, and provided that a quorum is present. All amendments to these Bylaws shall be filed with the Office of Public Library Services of the Georgia State Department of Technical and Adult Education immediately upon adoption.

Adopted: October 16, 1989

Amended: July 18, 1994; Aril 19, 1999; February 3, 2003; October 18, 2010



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Great American Clean Up
Prepared by: Shamika Wilson
Presented by: Karen Bell, Willa Lewis

PURPOSE: To Present for Mayor and Council Consideration, Keep Liberty Beautiful Great American Clean Up to Award Mayor and Council 2023 Trophy.

BACKGROUND:

FUNDING:

RECOMMENDATION:

ATTACHMENTS:

1. Great American Clean Up Flyer

PREVIOUS COUNCIL DISCUSSION:

WE ARE LOOKING FOR YOU!
JOIN US AS WE #MAKETHINGSBEAUTIFUL!



GREAT AMERICAN COUNTYWIDE CLEANUP 2023

9 AM - 12 PM

- Hinesville: **April 29**
- County: **April 29**
- Lake George/Freedman Grove: **May 20**

Scan QR code to volunteer or to schedule your cleanup!

"Participate in America's largest community improvement event and make a difference in our city! Volunteer to participate in this city-wide cleanup with neighborhoods, civic organizations, youth groups, church, or business!"

CLEANUP SUPPLIES
WILL BE PROVIDED



SCAN ME



Be part of a community of fellow volunteers!



For more information contact us:

(912) 880-4888 or at kcb@libertycountyga.com



**KEEP LIBERTY
BEAUTIFUL**

Page 19 of 173
KEEP AMERICA BEAUTIFUL AFFILIATE



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Water Conservation Plan Update
Prepared by: Paul Simonton
Presented by: Paul Simonton

PURPOSE: Any time an application for water withdrawal permit is submitted to EPD certain additional information is required to accompany the submittal:

- Water conservation Plan updated
- Water Loss Plan to continue to reduce water loss in the future
- Water Loss report evaluation for the last five years.
- Copy of Annual Audits

BACKGROUND: The City Water Conservation Plan was last updated in 2006. A new Update must be approved by the City to accompany the Groundwater Withdrawal Application for the new Green Zone Well.

FUNDING: N/A

RECOMMENDATION: Approve Resolution for Adoption of the attached Water Conservation Plan dated March 3, 2023

ATTACHMENTS:

1. 2018-126 Water Conservation Plan Complete
2. Resolution for Water Conservation Plan
3. #2023-10 Water Conservation Plan Ordinance Draft

PREVIOUS COUNCIL DISCUSSION:

WATER CONSERVATION PLAN
FOR
THE CITY OF HINESVILLE
PERMIT NO. 089-0007

MARCH 3, 2023



SIMONTON ENGINEERING, LLC

1050 PARKSIDE COMMONS, SUITE 101
GREENSBORO, GEORGIA 30642
(706) 454-0870

SE No. 2018-126

TABLE OF CONTENTS

1. INTRODUCTION	1
2. SYSTEM MANAGEMENT.....	1-2
3. IDENTIFICATION OF WATER CONSERVATION MEASURES	
A. Water Rate Structure	3
B. Plumbing Ordinances and/or Codes	4
C. Recycle/Reuse Water Strategy	3-4
D. Geographical Information System	4
E. Additional Water Conservation Measures.....	4-5
4. DROUGHT CONTINGENCY PLAN	6-9
5. IMPLEMENTATION OF WATER CONSERVATION MEASURES	9
6. ANALYSIS OF BENEFITS AND COSTS	9
7. EDUCATIONS EFFORTS	10
8. DEMAND FORECAST	10-11
9. EVALUATION OF STRATEGY.....	11
10. APPENDICES	
A. City Ordinances	
B. Existing System Profile	
C. Water Audits 2019 through 2021	
D. Plumbing Fixtures	
E. Water Use Habits	
F. Demand Forecast Data based on Historical use	

1. Introduction

In 1970, the population of Hinesville stood slightly over 4,000. Growth was predictable and manageable. However, in 1974, the Department of Defense's decision to reactivate Fort Stewart significantly altered the character and growth trends of Hinesville. In June 1974, there were less than 2,400 soldiers stationed at Fort Stewart; three years later the troop strength would exceed 11,000.

The population of Hinesville increased almost 175% in the 1970's. By 1980, the Hinesville population exceeded 11,300. In 1990, the city's population reached 21,603 and the troop strength was 13,324. In 2000, the city's population was 30,392 and there were approximately 15,000 soldiers assigned to Fort Stewart. In 2021 the City population grew to 35,420 and Ft Stewart continues to expand.

Even though the City of Hinesville has experienced such rapid growth over the last twenty years, the city still managed to meet or exceed all applicable state and federal potable water and wastewater quality requirements. However, continuously increasing demand on the city's water system it has become imperative that the existing withdrawal permit be modified to include an increase in the monthly & annual limits.

On January 31, 2008 the Department of Natural Resources issued to the City of Hinesville Renewal Permit No. 089-0002 to use groundwater produced from five wells in the Floridan Aquifer for its public drinking water system. The Renewal Permit allows withdrawal rates of 4.5 MGD monthly average and 4.0 MGD annual average. In 2023, the City of Hinesville is applying for modification of the existing permit to increase the groundwater withdrawal permit from 4.5 MGD monthly average to 5.97 MGD monthly average and from 4.0 MGD annual average to 5.33 MGD annual average.

Chapter 391-3-2-.04(11) of the Rules of the Georgia Department of Natural Resources requires municipalities applying for modification of an existing water withdrawal permit to adopt and enforce a water conservation plan to reduce the quantity of water used by the people therein for the purpose of conserving the water supply. To conserve the water supply and to avoid and minimize the effects of any future water shortage, the City of Hinesville has adopted the "City of Hinesville Water Conservation Plan" dated, July 18, 1996. (See Attached Ordinance No. 1996-07 in Appendix A) and adopted the updated Water Conservation Plan in March, 2023.

2. System Management

The City's raw water supply is obtained from the Floridan Aquifer through four deep wells. These wells are located on Shaw Road, Stewart Way, Cypress Bend, and Airport Road with another well proposed at the Liberty County Airport (with the well on the Long County side of the property) in anticipation of growth. All the water wells have flow meters which are used to determine how many gallons are treated each month.

The water system utilizes five elevated water tanks with a total of 4.7 million gallons of storage. The tanks currently consist of a 2,500,000-gallon tank, a 1,000,000-gallon tank, two 500,000-

gallon tanks, and a 200,000-gallon tank. These tanks are interconnected with 10” and 12” water mains. Prior to entering the system, the water is treated with chlorine. The water system has a supply capacity of 6700 gallons per minute. The City recently completed a water system booster pump to provide adequate water pressure to multistory building on 15th Street.

For the Existing Water System Profile see Appendix B.

The water system audits for 2019 through 2021 are included in Appendix C, presented the water system loss calculation using the American Water Works Association audit format (See Appendix C Water system Audits)

It should be noted that higher discrepancies (unaccounted for water loss) are a result of water produced/water consumed totals not being summed during the same period. Also, normal water loss in a well-operated and maintained water system such as this is expected to be about 12%. Several programs are currently in place to reduce the amount of unaccounted for water as described below.

3. Identification of Water Conservation Measures

Leak detection is accomplished by constant visual observation, user reports, and unexplained increases in monthly meter readings. Meter readers and work crews are instructed to note and report any unusual circumstances discovered in their routine work. Water leaks within the consumers plumbing system are discovered when rereads are requested by our staff or the consumer. Working with the consumer, a meter reader will observe the meter dials. If the meter is registering when no water is on within the house, it is determined that a leak exists somewhere. As leaks are detected the consumer is notified and it is their responsibility to locate and repair the leak. However, if a leak is detected within the City’s system, it is immediately isolated and promptly repaired.

The City currently uses a radio read system since 2018 that allows the system to monitor individual meters and send an alarm when certain criteria is met. Water flowing through the meter for three consecutive hours between midnight to 5 a.m. notifies the City of potential leaks. In addition, the system allows continuous monitoring of water system activities to detect other problems. This radio read system allows the City to monitor water use more closely thereby reducing unaccounted water. In addition, it allows the customer to set a level of use beyond their expected use and is notified when the use level is exceeded.

Water meters are tested upon request, calibrated, and replaced when necessary. In addition, the City has a meter replacement program for all meters either ten (10) years old or have registered over one million gallons.

Water tower overflows are prevented by level sensors that shut down well pumps when full. The City has a *Drought Contingency Plan* in place to help with water conservation when the system demands and ground water levels dictate, as described in the Drought Contingency Plan Section.

The City requires all irrigation systems to be fully metered with other water uses or to obtain water from a privately owned source. This ordinance helps to reduce the amount of unaccounted for water by eliminating second meters for irrigation systems. (See Ordinance 1996-09 in Appendix A)

a. Water Rate Structure

The City of Hinesville adopted an incline block rate structure in 1996. This structure includes a base rate which includes a set amount of water, as the amount of water used goes up, the incremental cost increases. This method of water billing encourages conservation (See Appendix B).

b. Plumbing Ordinances and/or Codes

The City of Hinesville adheres to state plumbing codes for new installation and requires the use of ultra-low flow plumbing fixtures for new construction (See Appendix D).

c. Recycle/Reuse Water Strategy

The City of Hinesville and Fort Stewart are partners in the regional wastewater treatment facility at Fort Stewart. The City began operating the facility in 1985 with Fort Stewart as a customer. The wastewater treatment facility is permitted to discharge 7.15 MGD and is currently discharging in excess of 6.3 MGD. In order to accommodate projected growth in the area, the City of Hinesville has constructed a second wastewater treatment facility that is awaiting operation. The new facility can treat wastewater to reuse standards for use by Fort Stewart and the City of Hinesville. The second wastewater treatment facility was operational in the fall of 2007.

Fort Stewart operates an 18-hole golf course and maintains several parade fields. The golf course irrigation system was supplied by the Fort Stewart potable water system. Fort Stewart also maintains several motor pool areas which use a significant amount of potable water for vehicle wash down. The source of water for the Fort Stewart potable water system is the Floridan Aquifer. Initial steps in the strategy included using the reuse water from the second wastewater treatment facility for irrigation of the golf course and parade fields. In addition, reuse water is used to replace the potable water that was used for cooling at the Central Energy Plant.

The transportation system to deliver the reuse water from the JV Road Water Reclamation Facility to the golf course and parade field area have been in place since 2007. In addition, the City has established the reuse water supply for irrigation of the Cherokee Rose Country Club. The golf course previously irrigated with water from a deep well and from surface water ponds. This effort have allowed reduction in water from the Floridan Aquifer for irrigation of the Cherokee Rose Country Club. Based on historical data the WRF has supplied reuse water to Ft Stewart and residential customers in excess of the plant capacity on some days. In 2021 the reuse water system supplied over 169 million gallons to customers, with the peak month being May, 2021 at 29.4 million gallons.

The City has also passed a new ordinance requiring the installation of non-potable reuse lines (NPRL) in new subdivisions for irrigation purposes. Non-potable reuse lines have already been installed in many developing subdivisions for use of the reuse system. (See Ordinance No. 2006-09 in Appendix A)Appendix

d. Geographical Information System

The City of Hinesville has implemented a Geographical Information System. The system contains all property parcels, infrastructure, streets, soils, drainage, topography, zoning, land use, and water districts.

Specific information on each theme is as follows:

- **Parcels:** This theme contains all property boundaries, building information, and parcel information.
- **Infrastructure:** This is actually several themes including water system information, sewer system information, and storm sewer information.

The water system includes watermain size and location and fire hydrant location. The database attached to the theme includes flow test information and valve information.

The sanitary sewer system theme includes manhole elevations, pipe size, system capacity, and current flows. This theme allows wastewater routing and system limitations. It contains all pump station data including specific manufactures, pump curve data, and maximum performance capacity.

The storm sewer system theme includes structure data, pipe capacity, current flows, and retention needs.

The street theme includes wearing surface, type of drainage, and traffic counts and lengths.

The system allows critical infrastructure as-built information to be accessed quickly by administrative and maintenance personnel. It also allows quick access to property information. This information is used for planning of new facilities, maintenance of existing facilities, and as an information source for establishing trends or tracking growth.

The system utilizes computers and is available to all City departments as well as some outside sources.

e. Additional Water Conservation Measures – Water Waste Prevention

- Nonessential Application of Water.* No person shall cause or permit any water furnished to his or her property by the City of Hinesville to run to waste or be used for nonessential application of water. Hoses used for any purpose shall be equipped with a positive shutoff device. Leaks must be repaired as soon as discovered and shall not be allowed to continue. The following is a partial list of nonessential applications of water, which include but are not limited to:

1. Watering to excess, which allows water to run off the landscaped area or allows the landscape to become supersaturated.
 2. Potable water used for earthwork, grading, or road construction purposes when non-potable water is readily available.
 3. Washing down any paved surface except to alleviate immediate fire, sanitation, or health hazards.
- ii. *Notice of Violation.* Upon violation of subsection (a) herein, the City shall give notice to the customer at the premises at which the violation occurred. All notices shall contain the facts of the violation, a statement of the possible penalties for each violation, a statement informing the customer of his or her right to appeal the violation, and, where appropriate, recommendations to remedy the violation.
1. For a first incident, a City representative shall advise the customer of the provisions of this Article verbally and in writing. Water conservation advice and information shall be given to assist the customer in eliminating the water waste problem.
 2. For a second incident, the City shall give written notice of the violation to the customer personally or tag the door of the premises and mail a certified notice to the person named on the water service. An inspection date shall be set within ten (10) days to verify that the violation has been remedied.
 3. For a third violation or for failure to remedy a violation following a scheduled inspection, the City shall assess a penalty, equal to two (2) times the customer's prior monthly water bill amount, to the customer personally, or tag the door of the premises and mail a certified notice of the penalty to the person named on the water service.
 4. For all subsequent violations, the City may assess an additional penalty not to exceed four (4) times the customer's prior monthly water bill amount or give the date and time that service shall be terminated.
 5. The customer shall be notified personally or by tagging the door, and a certified notice shall be sent to the person named on the water service.
- iii. *Appeals.* Any customer against whom a penalty is to be levied shall have a right to an appeal. A written appeal request and a copy of the notification must be received by the City Clerk within ten (10) days of the date of notification of the notice of penalty. If appealed, penalties shall be stayed until a decision is made by the City Manager.
- iv. *Restoration of Services.* Where water service is disconnected as authorized in this section, normal service shall be restored upon correction of the condition or activity and payment of the reconnection charge and penalties.

The measures described previously enable the City to more accurately monitor and control unaccounted for water. Water conservation measures and improvements were selected by cost

efficiency, feasibility, and system needs. There are no barriers that effect the implementation of the listed water conservation measures. The only measure that has not been fully implemented is the reuse water system which is finishing up construction and awaiting a discharge permit for the new wastewater treatment facility.

Ground water production data for the City water system for the period from January 2010 through December 2021 is shown in Appendix F.

4. Drought Contingency Plan

As stated previously, a drought contingency plan resolution was adopted and made a part of the Water Conservation Plan on June 20, 1996. (see Ordinance No. 1996-08 in Appendix A)

Conditions which call for emergency curtailment of water use include severe drought, hurricanes or storms which cause flooding and subsequent contamination, saltwater intrusion, system contamination from other sources and any other situation deemed an emergency by the Mayor and City Council. Drought severity is determined by System Demands and Groundwater Levels.

System demands which consistently approach the upper limits of the permitted withdrawal rates are indicative of drought conditions.

Before explaining the triggering conditions for a drought, there are several important terminologies that must be defined:

- a. Drought When conditions exist whereas the static and pumping levels within the operating water wells drop significantly from their current trend.
- b. Static Level With the water well turned **off** for at least one hour a probe is lowered into the well casing to the top of the water level. The probe will alarm at that time and a measurement is recorded from the probe cable.
- c. Pumping Level With the water well turned **on** for at least one hour a probe is lowered into the well casing to the top of the water level. The probe will alarm at that time and a measurement is recorded from the probe cable.
- d. Draw Down The difference between the **Static** and **Pumping** levels.
- e. System Capacity The permitted amount, in million gallons, allowed by EPD to be withdrawn from the aquifer. This system's capacity is:
 - 4.5 Million, Monthly Daily Average
 - 4.0 Million, Annual Daily Average
- f. Moving Average The total gallons produced from the first of the month to present, divided by the number of days being tracked.

The City will implement the **Drought Contingency Plan** when the ground water level in the water wells drop significantly from their current trend, this will be monitored by the public works department. It can be tracked at any interval deemed necessary, probably weekly from April through September and monthly the remainder of the year.

In addition to the restrictions being implemented during drought condition, the City recommends an additional triggering condition based on the System Capacity.

The table in Appendix F tracks the system demands annually for form 2010 through 2030. The blue solid bar represents a “moving average” to date and projected to 2030.

The thick line represents the system capacity of 4.0 million gallons average annual. The thin dashed line represents a warning limit set at 3.75 million gallons.

If the moving average crosses the warning limit for three consecutive days, the Public Works Department notifies the City Administrator and/or his designate. At that time, the City will recommend implementation of *Ordinance No. 1996-08, Sec. 1.01 (a) Initial Water Use Restrictions*.

If the moving average crosses the system capacity line once the Public Works Department notifies the City Administrator and/or his designate. The City would then recommend implementation of *Ordinance No. 1996-08, Sec. 1.01 (b) Additional Water Use Restrictions*.

Lifting the implementation of this Ordinance would be recommended when the moving average remains below the warning limit for five (5) consecutive days.

To gain cooperation from the consumers, the City will recommend an awareness promotion of this tracking device along with a public education program within the Water Conservation Plan. It will be displayed weekly within the newspaper and on television allowing the consumer to be aware of how the system capacity is progressing. Then implementation of *Section 1.01* of the Ordinance would be less of a surprise to most customers.

The City of Hinesville has generally established the following order of potable water use priorities.

1. Emergency facilities for essential life support activities.
2. Domestic use for drinking, cooking, sanitary, and health related users.
3. Commercial use.
4. Outside watering lawn and park irrigation, street flushing, car washing, etc.
5. Recreational use such as swimming pools, water parks, outdoor drinking fountains, etc.

If due to severe drought, saltwater intrusion, system contamination from flooding or other sources, or any other emergency situation, the available water supply is deemed insufficient by the Mayor and City Council, or threatens to be insufficient, to supply the total demand on the municipal water system, the Mayor and City Council may invoke emergency water shortage response restrictions regulating, limiting, or prohibiting the use of water as follows:

- a. *Initial Water Use Restrictions.* In the event of an emergency requiring the curtailment of potable water use, the following emergency water use restrictions shall apply to all properties connected to the municipal water system:
 1. Sprinkling/irrigation of lawns and landscaping shall be allowed only between the hours of 6:00 a.m. to 8:00 a.m. and from 8:00 p.m. to 11:00 p.m.
 2. Sprinkling/irrigation of lawns and landscaping shall only be allowed for properties with an even numbered address on even number dates within the month and for properties with an odd numbered address on odd numbered dates within the month.
 3. Restaurants, cafes, cafeterias, or other public places where food is sold shall serve water to customers only upon request.
 4. With the exception of commercial car washing businesses, car washing is prohibited.
 5. Operation of decorative fountains and other recreational water use (e.g. water parks, swimming pools, etc.) is prohibited unless water is recycled.
 6. No commercial or home laundry use except during the hours of 7:00 p.m. to 7:00 a.m. daily.
- b. *Restrictions when subsection (a) are not sufficient.* If in the opinion of the Mayor and City Council, and upon written notification from the City Manager, the restrictions contained in subsection (a) are not sufficient, the following additional emergency restrictions shall be imposed for all properties connected to the municipal water system:
 1. Sprinkling/irrigation of lawns and landscaping, street flushing, use of public water fountains, and all other outside watering shall be prohibited.
 2. All recreational water use (e.g. water parks, swimming pools, etc.) is prohibited.
- c. *Issuance of additional restrictions.* During periods of severe drought or similar emergency situations, the Mayor and City Council, upon recommendation of the City Manager, may make and issue additional regulations and restrictions concerning water use restrictions not inconsistent with this Article.
- d. *Public Announcement.* The Mayor and City Council shall, within twenty-four (24) hours of approving the above water use restrictions, cause such restrictions to be publicly announced by means of broadcasting by stations with a normal operation range covering the City and may cause such announcement to be further published in newspapers of general circulation when feasible. The restrictions shall become effective immediately following such announcement. Upon written

notification from the City Manager and following a determination by the Mayor and City Council that the emergency restrictions are no longer necessary, the Mayor and City Council shall cause a public announcement declaring the cessation of said restrictions in a like manner.

- e. *Inspection and Enforcement.* Inspection by duly authorized officers bearing proper credentials and identification during such period of emergency water use restriction shall be permitted for the purpose of ensuring compliance with the provisions of this Article.
 - 1. Any person found to be in violation of the provisions of this Article shall be served a written notice stating the nature of the violation and shall be issued a warning ticket for said violation.
 - 2. For a second violation, water service shall be terminated and, upon correction of the nonconforming condition or activity, a reconnect fee of one hundred dollars (\$100.00) will be charged.
 - 3. For all subsequent violations, water service shall be terminated and, upon correction of the nonconforming condition or activity, a reconnect fee of five hundred dollars (\$500.00) will be charged.

5. Implementation of Water Conservation Measures

The listed water conservation measures and improvements have already been implemented including the reuse water system for irrigation which has been functional since the summer of 2008. In addition to the water reuse system, the City utilizes “WaterSmart” landscape methods on City parks and landscaped areas.

The City has installed rain sensors on all irrigation systems belonging to the City and will encourage the use of rain sensors on all other public and private properties within the City. WaterSmart brochures are distributed by the City of Hinesville Water department and the Building Inspections Department to encourage use of “WaterSmart” landscaping throughout the City.

6. Analysis of Benefits and Costs

The total cost of implementing conservation measures must be shared by all systems. Many of the measures not only benefit the water system, but also offer benefit to the sewer system. The reuse water system allows conservation of potable water by supplying an alternate source to the public for their non-potable water needs. This in turn reduces the amount of potable water used for process and irrigation leaving more potable water for these essential uses. This measure helps to reduce the withdrawal from the upper Floridan Aquifer.

The reuse water system also benefits the sewer system in that it provides a means of disposing treated wastewater. During dry times, the City’s second wastewater plant cannot discharge its effluent to the permitted stream. During those dry times, however, irrigation needs would be very high creating a demand for the reuse water.

This conservation measure aides in potable water conservation and helps get rid of treated wastewater. It is difficult to place a value today on this benefit, however, as the cost of providing water and disposing of wastewater gets more expensive the benefits of reuse system will be much more than the cost.

The water meter change out program and conversion to radio read pays for itself by reducing rereads, decreases the number of man-hours looking for unaccounted water, and decreases the man-hours spent on repairs to the old system components.

The conservation rate structure has been in place for many years. The minimal cost that was incurred from that activity was received within the first year.

An overall evaluation of all these measures indicates that the benefits outweigh the cost of each.

7. Education Efforts

The most important component of a successful water conservation program is a community-wide multi-media public education program. During periods of drought, communities nationwide have demonstrated that they can save even more than they have been asked to without dramatic changes in lifestyles. Planned programs include user notification of this water conservation plan, drought contingency plan, and emergency water use curtailment procedures.

In addition, the City of Hinesville and the Keep Liberty County Beautiful program are in the process of implementing a public awareness program. The focus of this program will be conserving water at home. To begin conserving water everyone needs to know some simple facts:

- a. Water is a limited resource.
- b. Water costs a great deal in energy and money to pump, move, and purify.
- c. Water consumption can be reduced significantly in the average home.

It would be explained that conservation is everybody's responsibility. Most of us can significantly reduce our household water consumption if we change some of our habits. Appendix E shows the typical water-use habits, water saving habits, and devices that can be installed to help conserve water.

Currently, the City of Hinesville's website (www.cityofhinesville.org) includes tips on saving water, information on water conservation and drought procedures, and a table of typical water losses and usage. The City of Hinesville includes the community in the goal-development process through City Council meetings.

8. Demand Forecast

The City of Hinesville uses water wells equipped with flow meters to determine how many gallons are treated each month. This water production data is compiled each month and compared with the water consumed data found by meter readings to collect the water demand data for the system.

Appendix F shows the forecast of anticipated water demand based on historical data. The demand shown includes adjustments based on the use of reuse water for irrigation and other known and measurable factors.

9. Evaluation of Strategy

Progress Report

Within five years of the issuance of the groundwater use permit, the City of Hinesville will submit to the Director of the Environment Protection Division of the Georgia Department of Natural Resources a progress report that outlines actions and/or improvements made to conserve and reduce water loss. These include but are not limited to the program, the calibration and replacement of meters, enforcement of ultra-low flow plumbing fixtures requirements, and an update on the effectiveness of reuse water for irrigation purposes.

Water Use Data

The City of Hinesville will submit to the Director of the Environmental Protection Division of the Georgia Department of Natural Resources a water use data report in a format similar to the data contained in the reports shown in Appendix C herein. The data will include information on unaccounted for water and will be submitted annually beginning twelve (12) months after the issuance of the modified groundwater use permit for the previous twelve (12) month period. Currently, all customers—residential, commercial, and industrial—are included in the water use report.

The following list shows the top ten largest water and sewer customers of the system for 2019:

<u>Customer</u>	<u>Gallons Metered (000s)</u>
1. Liberty Regional Hospital	207,078
2. Summerwind Condos	169,173
3. Independence Place	129,427
4. Raintree Apartments	118,048
5. Tattersall Apartments	113,404
6. Shady Oaks Mobile Home Park	93,742
7. Happy Acres Mobile Home Park	90,480
8. Pines at Willowbrook	90,427
9. Northgate Apt	78,581
10. Colonial Park Townhomes	77,768

10. Appendices

- a. Appendix A – City Ordinances**
- b. Appendix B – Existing System Profile**
- c. Appendix C – Water System Audits**
- d. Appendix D – Plumbing Fixtures**
- e. Appendix E – Water Use Habits**
- f. Appendix F – Demand Forecast Data Based on Historical Data**

AN ORDINANCE

An ordinance establishing a Water Conservation Plan for the City of Hinesville in accordance with the Rules of the Georgia Department of Natural Resources, Environmental Protection Division, Chapter 391-3-2-.04(11); to repeal conflicting laws; and for other purposes.

WHEREAS, on July 6, 1987 the Georgia Department of Natural Resources issued to the City of Hinesville a permit to withdraw groundwater from the Floridian Aquifer for its public drinking water system; and

WHEREAS, the City of Hinesville has submitted an application for modification of its existing permit to increase the amount of groundwater withdrawn from said Aquifer; and

WHEREAS, approval of such application for modification of the City's existing permit is conditioned upon the adoption of a water conservation plan; and

WHEREAS, it is desirable for the public health and welfare that such a water conservation plan be established.

NOW, THEREFORE, BE IT ORDAINED BY THE GOVERNING AUTHORITY OF THE CITY OF HINESVILLE:

SECTION I WATER CONSERVATION

Sec. 1.01. Declaration of Policy and Enactment. Chapter 391-3-2-.04(11) of the Rules of the Georgia Department of Natural Resources (Environmental Protection Division) requires municipalities applying for modification of an existing water withdrawal permit to adopt and enforce a water conservation plan to reduce the quantity of water used by the people therein for the purpose of conserving the water supply. To conserve the water supply and to avoid and minimize the effects of any future water shortage, The City of Hinesville hereby adopts the "City of Hinesville Water Conservation Plan" pursuant to the Rules of the Georgia Department of Natural Resources with like effect as if recited herein, said plan being identified by the inscription "City of Hinesville Water Conservation Plan," dated June 20, 1996, a copy of which is on file with the City Clerk of Hinesville, Georgia.

Sec. 1.02. Effective Date of Plan. The City of Hinesville Water Conservation Plan shall become effective upon its adoption.

Sec. 1.03. Applicability of Plan. The provisions of the City of Hinesville Water Conservation Plan shall apply to all persons, customers and property served by the City of Hinesville.

Sec. 1.04. Implementation of Plan. The City Manager, or his or her designated representative, is hereby authorized and directed to implement the provisions of the City of Hinesville Water Conservation Plan as approved by the Mayor and City Council.

Sec. 1.05. Prohibited Acts.

(a) *Generally.* No customer or user served by the municipal water system shall knowingly make, cause, use or permit the use of water supplied by the City for residential, commercial, industrial, governmental or any other purpose contrary to the City of Hinesville Water Conservation Plan.

(b) *Nonessential Application of Water.* No person shall cause or permit any water furnished to his or her property by the City of Hinesville to run to waste or be used for nonessential application of water. Hoses used for any purpose shall be equipped with a positive shutoff device. Leaks must be repaired as soon as discovered, and shall not be allowed to continue. The following is a partial list of nonessential applications of water, which include but are not limited to:

(1) Watering to excess, which allows water to run off the landscaped area or allows the landscape to become supersaturated.

(2) Potable water used for earthwork, grading or road construction purposes when nonpotable water is readily available.

(3) Washing down any paved surface except to alleviate immediate fire, sanitation or health hazards.

Sec. 1.06. Penalty and Appeal.

(a) *Notice of Violation.* Upon violation of this Article, the City shall give notice to the customer at the premises at which the violation occurred. All notices shall contain the facts of the violation, a statement of the possible penalties for each violation, a statement informing the customer of his or her right to appeal the violation, and, where appropriate, recommendations to remedy the violation.

(1) For a first incident, a city representative shall advise the customer of the provisions of this Article verbally and in writing. Water conservation advice and information shall be given to assist the customer in eliminating the water waste problem.

(2) For a second incident, the City shall give written notice of the violation to the customer personally, or tag the door of the premises and mail a certified notice to the person named on the water service. An inspection date shall be set within ten (10) days to verify that the violation has been remedied.

(3) For a third violation or for failure to remedy a violation following a scheduled inspection, the City shall assess a penalty, equal to two (2) times the customer's prior monthly water bill amount, to the customer personally, or tag the door of the premises and mail a certified notice of the penalty to the named person on the water service.

(4) For all subsequent violations, the City may assess an additional penalty not to exceed four (4) times the customer's prior monthly water bill amount, or give the date and time that service shall be terminated. The customer shall be notified personally or by tagging the door, and a certified notice shall be sent to the person named on the water service.

(b) *Appeals.* Any customer against whom a penalty is to be levied shall have a right to an appeal before the City Administrator. A written appeal request and a copy of the notification must be received by the City Clerk within ten (10) days of the date of notification of the notice of penalty. If appealed, penalties shall be stayed until a decision is made by the City Administrator.

(c) *Restoration of Services.* Where water service is disconnected as authorized in this section, normal service shall be restored upon correction of the condition or activity and payment of the reconnection charge and penalties.

SECTION II REPEALER

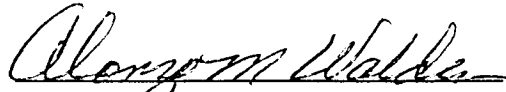
All ordinances and parts of ordinances in conflict with this Ordinance are hereby repealed.

THEREFORE BE IT RESOLVED that the Mayor and Council of the City of Hinesville, Georgia do hereby ordain, resolve and enact the foregoing.

APPROVED this 18th day of July, 1996.



Allen Brown, Mayor



Alonzo Walden, Mayor Pro Tem

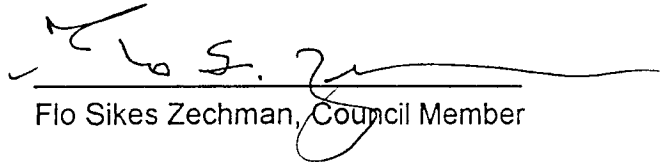


Charles Frasier, Council Member

Brian Smith, Council Member

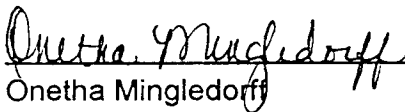


Steve Troha, Council Member



Flo Sikes Zechman, Council Member

ATTEST:



Onetha Mingledorff
City Clerk

AN ORDINANCE

An ordinance establishing a Drought Contingency Plan for the City of Hinesville requiring curtailment of water use during periods of severe drought or similar emergency situations; to repeal conflicting laws; and for other purposes.

WHEREAS, on July 6, 1987 the Georgia Department of Natural Resources issued to the City of Hinesville a permit to withdraw groundwater from the Floridian Aquifer for its public drinking water system; and

WHEREAS, the City of Hinesville has submitted an application for modification of its existing permit to increase the amount of groundwater withdrawn from said Aquifer; and

WHEREAS, approval of such application for modification of the City's existing permit is conditioned upon the adoption of a Water Conservation Plan; and

WHEREAS, the adoption of a Drought Contingency Plan is consistent with the goals and policies of such Water Conservation Plan.

NOW, THEREFORE, BE IT ORDAINED BY THE GOVERNING AUTHORITY OF THE CITY OF HINESVILLE:

SECTION I DROUGHT CONTINGENCY PLAN

Sec. 1.01. If due to severe drought, saltwater intrusion, system contamination from flooding or other sources, or any other emergency situation, the available water supply is deemed insufficient by the Mayor and City Council, or threatens to be insufficient, to supply the total demand on the municipal water system, the Mayor and City Council may invoke emergency water shortage response restrictions regulating, limiting or prohibiting the use of water as follows:

(a) *Initial Water Use Restrictions.* In the event of an emergency situation requiring the curtailment of potable water use, the following emergency water use restrictions shall apply to all properties connected to the municipal water system:

(1) Sprinkling/irrigation of lawns and landscaping shall be allowed only between the hours of 6:00 a.m. to 8:00 a.m. and 8:00 p.m. to 11:00 p.m.

(2) Sprinkling/irrigation of lawns and landscaping shall only be allowed for properties with an even-numbered address on even numbered dates within the month and for properties with an odd-numbered address on odd numbered dates within the month.

(3) Restaurants, cafes, cafeterias or other public places where food is sold shall serve water to customers only upon request.

(4) With the exception of commercial car washing businesses, car washing is prohibited.

(5) Operation of decorative fountains and other recreational water use (e.g. water parks, swimming pools, etc.) is prohibited unless water is recycled.

(6) No domestic laundry use except during the hours of 7:00 p.m. to 7:00 a.m. daily.

(b) *Restrictions when subsection (a) not sufficient.* If in the opinion of the Mayor and City Council, and upon written notification from the City Manager, the restrictions contained in subsection (a) are not sufficient, the following additional emergency restrictions shall be imposed for all properties connected to the municipal water system:

(1) Sprinkling/irrigation of lawns and landscaping, street flushing, use of public water fountains, and all other outside watering shall be prohibited.

(2) All recreational water use (e.g. water parks, swimming pools, etc.) is prohibited.

(c) *Issuance of additional restrictions.* During periods of severe drought or similar emergency situations, the Mayor and City Council, upon recommendation of the City Administrator, may make and issue additional regulations and restrictions concerning water use not inconsistent with this Article. Additional water use restrictions are to be imposed in accordance with the following order of potable water use priorities where feasible:

(1) Emergency facilities for essential life support activities.

(2) Domestic uses for drinking, cooking, and sanitary and health related activities.

(3) Commercial uses.

(4) Lawn and landscape irrigation, street flushing, car washing and other outdoor uses.

(5) Recreational uses.

(d) *Public Announcement.* The Mayor and City Council shall, within twenty-four (24) hours of approving the above water use restrictions, cause such restrictions to be publicly announced by means of broadcasting by stations with a normal operation range covering the City and may cause such announcement to be further published in newspapers of general circulation when feasible. The restrictions shall become effective immediately following such announcement. Upon written notification from the City Manager and following a determination by the Mayor and City Council that the emergency restrictions are no longer necessary, the Mayor and City Council shall cause a public announcement declaring the cessation of said restrictions in a like manner.

(e) *Inspection and Enforcement.* Inspection by duly authorized officers bearing proper credentials and identification during such periods of emergency water use restriction shall be permitted for the purpose of ensuring compliance with the provisions of this Article.

(1) Any person found to be in violation of the provisions of this Article shall be served written notice stating the nature of the violation and shall be issued a warning ticket for said violation.

(2) For a second violation, water service shall be terminated and, upon correction of the nonconforming condition or activity, a reconnect fee of one hundred dollars (\$100.00) will be charged.

(3) For all subsequent violations, water service shall be terminated and, upon correction of the nonconforming condition or activity, a reconnect fee of five hundred dollars (\$500.00) will be charged.

SECTION II REPEALER

All ordinances and parts of ordinances in conflict with this Ordinance are hereby repealed.

SECTION III EFFECTIVE DATE

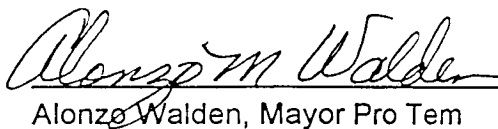
This Ordinance shall become effective on this 20th day of June,
1996

THEREFORE BE IT RESOLVED that the Mayor and Council of the City of Hinesville, Georgia do hereby ordain, resolve and enact the foregoing.

APPROVED this 20th day of June, 1996.

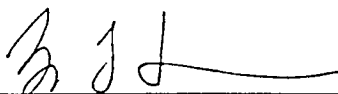


Allen Brown, Mayor

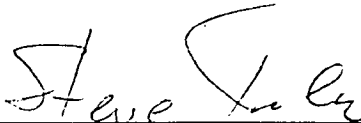


Alonzo Walden, Mayor Pro Tem

Charles Frasier, Council Member



Brian Smith, Council Member

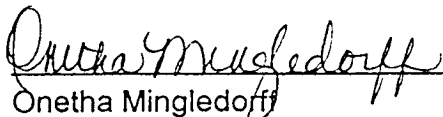


Steve Troha, Council Member



Flo Sikes Zechman, Council Member

ATTEST:



Onetha Mingledoff
City Clerk

AN ORDINANCE

An ordinance eliminating separate water meters for commercial, governmental, and residential irrigation systems in the City of Hinesville and requiring that such irrigation systems be supplied by water from a privately owned water source or, alternatively, that such irrigation systems be fully metered in accordance with the rates and charges imposed for water and sewer services for the City of Hinesville; to reimburse owners of dual meter systems installed prior to the adoption of this Ordinance; to repeal conflicting laws; and for other purposes.

WHEREAS, the City of Hinesville has formerly permitted water supplied for commercial, governmental, and residential irrigation systems to be metered separately from other uses; and

WHEREAS, the practice of separate metering for water supplied to irrigation systems within the City is contrary to the policies and goals of the City's Water Conservation Program.

NOW, THEREFORE, BE IT ORDAINED BY THE GOVERNING AUTHORITY OF THE CITY OF HINESVILLE:

Section 1. (a) All commercial, governmental and residential irrigation systems (e.g. lawn sprinklers, etc.) located within the geographical limits of the City of Hinesville, or within territory outside the City limits to which the water services of the City extend, shall be supplied exclusively by water from privately owned water sources in accordance with Sec. 20-1, or, alternatively, shall be fully metered, together with other water uses, in accordance with the standard rates and charges imposed for water and sewer services of the City of Hinesville.

(b) All irrigation systems presently metered separately from other water uses of the property owner shall be disconnected and the water meter removed within thirty-six (36) months from the effective date of this Ordinance or upon the change in the ownership of the property affected, whichever shall first occur. Upon disconnection of said irrigation system, the City shall reimburse the property owner the value of the water meter so removed.

Section 2. All ordinances and parts of ordinances in conflict with this Ordinance are hereby repealed.

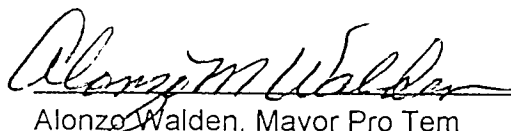
Section 3. This Ordinance shall become effective on this 18th day of July, 1996

THEREFORE BE IT RESOLVED that the Mayor and Council of the City of Hinesville, Georgia do hereby ordain, resolve and enact the foregoing.

APPROVED this 18th day of July, 1996.



Allen Brown, Mayor

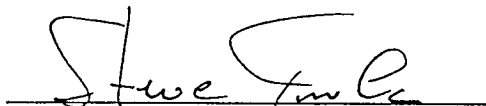


Alonzo Walden, Mayor Pro Tem

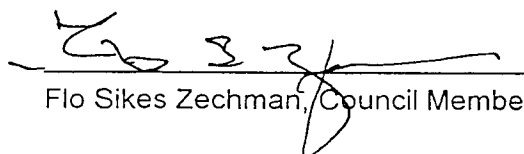


Charles Frasier, Council Member

Brian Smith, Council Member

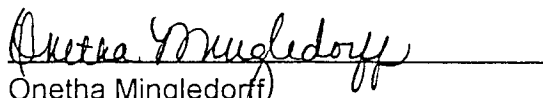


Steve Troha, Council Member



Flo Sikes Zechman, Council Member

ATTEST:


Onetha Mingledorff
City Clerk

AN ORDINANCE

AN ORDINANCE TO AMEND THE CITY OF HINESVILLE SUBDIVISION REGULATIONS TO PROVIDE FOR THE USE OF RECLAIMED WATER IN SUBDIVISIONS WITHIN THE CITY; TO REPEAL CONFLICTING LAWS; AND FOR OTHER PURPOSES.

WITNESSETH:

WHEREAS, the Charter of the City of Hinesville, Georgia (“the Charter”), Sections 50 through 69, authorize the Mayor and Council of the City of Hinesville, Georgia, to exercise the power of zoning and planning;

WHEREAS, the Mayor and Council of the City of Hinesville, Georgia are authorized by Article 9, Section 2, Para. 3 of the Constitution of the State of Georgia to adopt and enforce technical codes including building, electrical, plumbing and housing codes; and

WHEREAS, it is the desire of the Mayor and City Council to provide for the design and implementation of non-potable water reuse facilities within subdivision development; and

NOW, THEREFORE, BE IT ORDAINED by the Mayor and Council of the City of Hinesville, Georgia, and it is hereby ordained by the authority of same, that the City of Hinesville Subdivision Regulations be amended as follows:

**SECTION I
ORDINANCE TEXT**

Article V of the City of Hinesville Subdivision Regulations is hereby amended by adding subparagraph (K) to Section 5.1, and the new subparagraph (K) shall provide as follows:

“K. Non-Potable Reuse Line (NPRC). A non-potable reuse water main shall be installed in a subdivision. The system shall include reuse water mains, valves, fittings, hydrants and shall be installed in accordance with the plans and specifications approved by the City of Hinesville. The system shall be designed and installed in accordance with the City of Hinesville Non-Potable Water Reuse Facilities Design and Installation Requirements Guide.”

**SECTION II
SEVERABILITY**

The sections, paragraphs, sentences, clauses and phrases of this Ordinance are severable, and if any phrase, clause, sentence, paragraph or section of this Ordinance shall be declared illegal by the valid judgment or decree of any Court of competent jurisdiction, such illegality shall not affect any of the remaining phrases, clauses, sentences, paragraphs, and sections of this Ordinance, which shall remain in full force

and effect as if such portion so declared or adjudged unconstitutional were not originally part of this Ordinance. The governing authority of the City of Hinesville declares that it would have enacted the remaining parts of this chapter if it had known that such portion would be declared or adjudged invalid or unconstitutional.

**SECTION III
REPEALER**

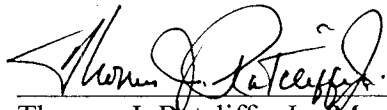
All Ordinances and parts of Ordinances in conflict herewith are hereby expressly repealed.

**SECTION IV
EFFECTIVE DATE**

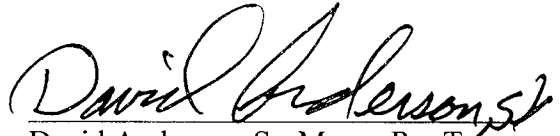
The effective date of this Ordinance shall be October 19, 2006.

ORDAINED this 19th day of October, 2006.

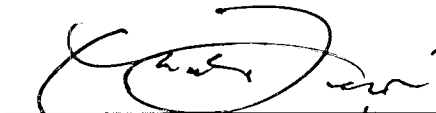
CITY OF HINESVILLE, GEORGIA:



Thomas J. Ratcliffe, Jr., Mayor



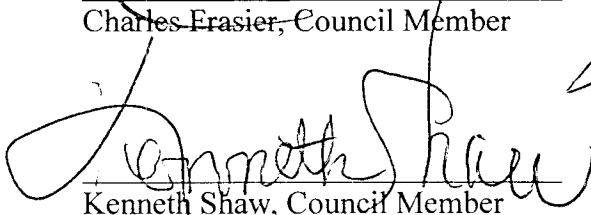
David Anderson, Sr. Mayor Pro Tem



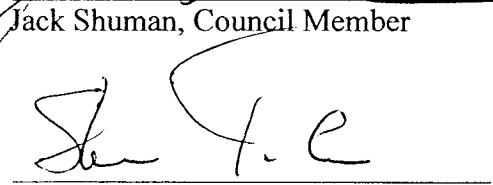
Charles Erasier, Council Member



Jack Shuman, Council Member

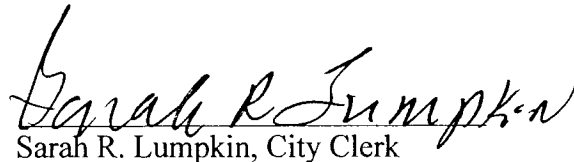


Kenneth Shaw, Council Member



Steve Troha, Council Member

ATTEST:



Sarah R. Lumpkin, City Clerk

EXISTING WATER SYSTEM PROFILE - MUNICIPAL

A. SERVICE CHARACTERISTICS		NUMBER	
1) Estimated Service Population		35,420	
2) Estimated Service Area (square miles) - Provide Map		24	
3) Interconnection with other systems (provide copies of contractual agreements)		NONE	
4) Provide copy of signed House Bill 489 Service Delivery Agreement ¹		Attached	
5) Number of treatment plants (Provide copies of discharge permits)		NA - Groundwater 4 wells	
B. ANNUAL WATER SUPPLY		ANNUAL VOLUME (GALLONS)	PERCENT METERED
1) Groundwater		1,270,948,000	100%
2) Surface Water		0	%
3) Purchases - raw		0	%
4) Purchases - treated		0	%
5) Total annual water supply		1,270,948,000	%
C. SERVICE CONNECTIONS		CONNECTIONS	PERCENT METERED
1) Residential - single-family/multi-family		9,966	100%
2) Industrial		3	100%
3) Commercial/retail		850	100%
4) Public (churches, libraries, etc.)		incl in commercial	100%
5) Other		0	100%
D. WASTEWATER DISCHARGE	TOTAL CONNECTIONS	NUMBER ON SEPTIC	NUMBER CONNECTED TO SEWER
1) Residential - single-family/multi-family	9,966	97	9,966
2) Industrial	3	0	3
3) Commercial/retail	850	0	850
4) Public (churches, libraries, etc.)	0	4	0
5) Other	0	0	0
E. WATER DEMAND	ANNUAL VOLUME (GALLONS)	PERCENT OF TOTAL WATER USED	AVERAGE WATER USED PER CONNECTION (GALLONS)
1) Metered residential sales	917,301,500	75.38%	92,043
2) Metered non-residential sales	194,549,200	15.99%	19,521
3) Other metered sales		%	
4) Unmetered sales	0	%	
5) Unaccounted water ²	105,097,300	9%	10,546
6) Total system demand (total use)	1,216,948,000	100%	
F. AVERAGE & PEAK DEMAND	VOLUME (GALLONS)	TOTAL SUPPLY CAPACITY	PERCENT OF TOTAL CAPACITY
1) Average-day demand	3,334,104	4,000,000	83.35%
2) Maximum-day demand	3,883,581	4,500,000	86.30%
G. PRICING	RATE STRUCTURE ³	METER SCHEDULE ⁴	BILLING SCHEDULE ³
1) Residential rate	Increasing Block	Monthly	Monthly
2) Non-residential rate	Increasing Block	Monthly	Monthly
3) Other rate	None	N/A	
H. WATER CONSERVATION MEASURES		QUANTITY (GALLONS)	PERCENT OF TOTAL CAPACITY
1) Approximate annual water savings			12.60%

¹ Each water provider shall provide a signed service delivery agreement depicting service areas for water and sewer so as to minimize inefficiencies resulting from duplication of services. This agreement shall be signed by all water providers within the given county. Also provide a map depicting the delivery areas for each water provider in the given county.

² Unaccounted water is water not metered and sold to customers.

³ Uniform, increasing block, decreasing-block, seasonal, or other (please specify and provide copies of any surcharges which may apply to certain customers)

⁴ Quarterly, monthly, or other (please specify)

I. Describe the condition, calibration frequency, type, etc. of raw and finished water metering.

All of the system is supplied with well water. Each well is equipped with a turbine meter that is checked annually. These meters were replaced in 2016.

J. Provide an analysis of in-plant water use for filter backwashing, overflows, laboratory use, etc. as a percentage of total plant production.

N/A

K. Describe any recycling or reuse of filter backwash water.

The City treats Wastewater at its WRF facility, to reuse levels and has a purple pipe transportation and distribution system in place and supplies customers.

L. Describe effects of rate structure implementation on water conservation efforts.

The City has an inclined block water rate. This structure was implemented in 1996. The immediate result was a significant decrease in water use that effected revenue. Exact decrease was not measured. This rates was adjusted effective 11-01-2022.

M. Is the water system financially self-supporting? YES NO

N. Are water system expenditures subsidized by non-water/sewer system revenues? YES NO

O. Describe any system policies concerning second meters for landscape irrigation and any use of sewer meters for billing.

The City Ordinance No. 1996-09 eliminates second water meters for irrigation for commercial, governmental, and residential systems. Currently, all irrigation systems connected to the water system must be fully metered along with other water uses or supplied solely by a privately owned water source. Irrigation demands are connected to reuse water mains (NPRL) where available.

City of Hinesville
Proposed Water and Sewer Rate Change
Effective November 1, 2022

CURRENT RATE STRUCTURE (effective date 11/01/2017)

City of Hinesville, Georgia Water and Sewer Rate Table	
Rate Block	Water Rate Calculation
0 to 3000	\$14.12
>3000 to 7000	\$ 14.12 + \$ 2.20 x Consumption / 1,000 - 3
>7000 to 12000	\$ 22.27 + \$ 2.43 x Consumption / 1,000 - 7
>12000 to 20000	\$ 33.97 + \$ 2.67 x Consumption / 1,000 - 12
>20000	\$ 54.29 + \$ 3.35 x Consumption / 1,000 - 20
Rate Block	Sewer Rate Calculation
0 to 5000	\$14.12
>5000 to 7000	\$ 14.12 + \$ 2.20 x Consumption / 1,000 - 5
>7000 to 12000	\$ 17.99 + \$ 2.43 x Consumption / 1,000 - 7
>12000 to 20000	\$ 29.69 + \$ 2.67 x Consumption / 1,000 - 12
>20000	\$ 50.01 + \$ 3.35 x Consumption / 1,000 - 20

PROPOSED RATE STRUCTURE (effective date 11/01/2022)

City of Hinesville, Georgia Water and Sewer Rate Table	
Rate Block	Water Rate Calculation
0 to 3000	\$14.40
>3000 to 7000	\$ 14.40 + \$ 2.24 x Consumption / 1,000 - 3
>7000 to 12000	\$ 23.36 + \$ 2.50 x Consumption / 1,000 - 7
>12000 to 20000	\$ 35.86 + \$ 2.78 x Consumption / 1,000 - 12
>20000	\$ 58.10 + \$ 3.54 x Consumption / 1,000 - 20
Rate Block	Sewer Rate Calculation
0 to 5000	\$14.40
>5000 to 7000	\$ 14.40 + \$ 2.24 x Consumption / 1,000 - 5
>7000 to 12000	\$ 18.88 + \$ 2.50 x Consumption / 1,000 - 7
>12000 to 20000	\$ 31.38 + \$ 2.78 x Consumption / 1,000 - 12
>20000	\$ 53.62 + \$ 3.54 x Consumption / 1,000 - 20

Increase \$	
\$0.28	
\$ 0.04	per 1,000 gallons
\$ 0.07	per 1,000 gallons
\$ 0.11	per 1,000 gallons
\$ 0.19	per 1,000 gallons
\$ 0.28	
\$ 0.04	per 1,000 gallons
\$ 0.07	per 1,000 gallons
\$ 0.11	per 1,000 gallons
\$ 0.19	per 1,000 gallons

City of Hinesville, Georgia	
Outside City Accounts - Water and Sewer Rate Table	
Rate Block	Water Rate Calculation
0 to 3000	\$21.18
>3000 to 7000	\$21.18 + \$ 3.30 x Consumption / 1,000 - 3
>7000 to 12000	\$ 34.38 + \$ 3.65 x Consumption / 1,000 - 7
>12000 to 20000	\$ 52.63 + \$ 4.01 x Consumption / 1,000 - 12
>20000	\$ 84.71 + \$ 5.03 x Consumption / 1,000 - 20
Rate Block	Sewer Rate Calculation
0 to 5000	\$21.18
>5000 to 7000	\$21.18 + \$ 3.30 x Consumption / 1,000 - 5
>7000 to 12000	\$ 27.78 + \$ 3.65 x Consumption / 1,000 - 7
>12000 to 20000	\$ 46.03 + \$ 4.01 x Consumption / 1,000 - 12
>20000	\$ 78.11 + \$ 5.03 x Consumption / 1,000 - 20

City of Hinesville, Georgia	
Outside City Accounts - Water and Sewer Rate Table	
Rate Block	Water Rate Calculation
0 to 3000	\$21.60
>3000 to 7000	\$21.60 + \$ 3.36 x Consumption / 1,000 - 3
>7000 to 12000	\$ 35.04 + \$ 3.75 x Consumption / 1,000 - 7
>12000 to 20000	\$ 53.79 + \$ 4.17 x Consumption / 1,000 - 12
>20000	\$ 87.15 + \$ 5.31 x Consumption / 1,000 - 20
Rate Block	Sewer Rate Calculation
0 to 5000	\$21.60
>5000 to 7000	\$21.60 + \$ 3.36 x Consumption / 1,000 - 5
>7000 to 12000	\$ 28.32 + \$ 3.75 x Consumption / 1,000 - 7
>12000 to 20000	\$ 47.07 + \$ 4.17 x Consumption / 1,000 - 12
>20000	\$ 80.43 + \$ 5.31 x Consumption / 1,000 - 20

\$ 0.42
\$ 0.06 per 1,000 gallons
\$ 0.10 per 1,000 gallons
\$ 0.16 per 1,000 gallons
\$ 0.28 per 1,000 gallons

\$ 0.42
\$ 0.06 per 1,000 gallons
\$ 0.10 per 1,000 gallons
\$ 0.16 per 1,000 gallons
\$ 0.28 per 1,000 gallons

City of Hinesville, Georgia Senior Citizen Water and Sewer Rate Table	
Rate Block	Water Rate Calculation
0 to 3000	\$4.00
>3000	\$4.00 + \$0.50 x Consumption / 1000 - 3
Sewer Rate Calculation	
0 to 5000	\$3.00
>5000	\$3.00 + \$030 x Consumption / 1000 - 5

City of Hinesville, Georgia Senior Citizen Water and Sewer Rate Table	
Rate Block	Water Rate Calculation
0 to 3000	\$4.00
>3000	\$4.00 + \$0.50 x Consumption / 1000 - 3
Sewer Rate Calculation	
0 to 5000	\$3.00
>5000	\$3.00 + \$030 x Consumption / 1000 - 5

City of Hinesville, Georgia Housing Authority Water and Sewer Rate Table	
Water	\$3.80 per unit
Sewer	\$2.84 per unit

City of Hinesville, Georgia Housing Authority Water and Sewer Rate Table	
Water	\$3.80 per unit
Sewer	\$2.84 per unit

City of Hinesville
5 Year Water Loss Summary
2017 to 2022

Year	Water Supplied (MG/YR)	Authorized Use (MG/YR)	Water Loss (MG/YR)	Water Loss %
2017	1,102.833	954.001	148.832	13.50%
2018	1,111.07	985.824	125.243	11.27%
2019	1,250.35	1,091.50	158.852	12.70%
2020	1,251.82	1,129.48	122.344	9.77%
2021	1,258.36	1,145.89	112.471	8.94%



AWWA Free Water Audit Software: Reporting Worksheet

WAS v5.0

American Water Works Association
Copyright © 2014. All Rights Reserved

Click to access definition
 Click to add a comment

Water Audit Report for: **CITY OF HINESVILLE (1790000)**
Reporting Year: **2017** **1/2017 - 12/2017**

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the input data by grading each component (n/a or 1-10) using the drop-down list to the left of the input cell. Hover the mouse over the cell to obtain a description of the grades.

All volumes to be entered as: MILLION GALLONS (US) PER YEAR

To select the correct data grading for each input, determine the highest grade where the utility meets or exceeds all criteria for that grade and all grades below it.

WATER SUPPLIED

Volume from own sources: 9 1,113.861 MG/Yr
Water imported: n/a 0.000 MG/Yr
Water exported: n/a 0.000 MG/Yr

Master Meter and Supply Error Adjustments

Pcnt: 4 1.00% MG/Yr
 MG/Yr
 MG/Yr

Enter negative % or value for under-registration
Enter positive % or value for over-registration

WATER SUPPLIED: **1,102.833** MG/Yr

AUTHORIZED CONSUMPTION

Billed metered: 9 931.851 MG/Yr
Billed unmetered: 10 0.270 MG/Yr
Unbilled metered: 10 8.095 MG/Yr
Unbilled unmetered: 10 13.785 MG/Yr

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

AUTHORIZED CONSUMPTION: 5 **954.001** MG/Yr

Click here: for help using option buttons below

Pcnt: 1.25% MG/Yr

Use buttons to select percentage of water supplied OR value

WATER LOSSES (Water Supplied - Authorized Consumption)

148.831 MG/Yr

Apparent Losses

Unauthorized consumption: 5 2.757 MG/Yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies: 5 2.356 MG/Yr
Systematic data handling errors: 5 2.330 MG/Yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: 5 **7.442** MG/Yr

Pcnt: 0.25% MG/Yr

0.25% MG/Yr
 0.25% MG/Yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: 5 **141.389** MG/Yr

WATER LOSSES: **148.831** MG/Yr

NON-REVENUE WATER

NON-REVENUE WATER: 5 **170.712** MG/Yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains: 9 188.0 miles
Number of active AND inactive service connections: 8 13,547
Service connection density: 72 conn./mile main

Are customer meters typically located at the curbside or property line? Yes

Average length of customer service line: 10 (length of service line, beyond the property boundary, that is the responsibility of the utility)
Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure: 5 42.0 psi

COST DATA

Total annual cost of operating water system: 8 \$1,776,396 \$/Year
Customer retail unit cost (applied to Apparent Losses): 9 \$4.79 \$/1000 gallons (US)
Variable production cost (applied to Real Losses): 8 \$152.03 \$/Million gallons ☐ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

*** YOUR SCORE IS: 83 out of 100 ***

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources

2: Customer metering inaccuracies

3: Unauthorized consumption



AWWA Free Water Audit Software:
System Attributes and Performance Indicators

WAS v5.0
American Water Works Association
Copyright © 2014. All Rights Reserved

Water Audit Report for: **CITY OF HINESVILLE (1790000)**
Reporting Year: **2017** **1/2017 - 12/2017**

*** YOUR WATER AUDIT DATA VALIDITY SCORE IS: 83 out of 100 ***

System Attributes:

Apparent Losses:	7.442	MG/Yr
+	141.389	MG/Yr
=	148.831	MG/Yr
? Unavoidable Annual Real Losses (UARL):	46.74	MG/Yr
Annual cost of Apparent Losses:	\$35,649	
Annual cost of Real Losses:	\$21,495	

Valued at **Variable Production Cost**
Return to Reporting Worksheet to change this assumption

Performance Indicators:

Financial:	Non-revenue water as percent by volume of Water Supplied:	15.5%
	Non-revenue water as percent by cost of operating system:	3.4%
Real Losses valued at Variable Production Cost		
Operational Efficiency:	Apparent Losses per service connection per day:	1.51 gallons/connection/day
	Real Losses per service connection per day:	28.59 gallons/connection/day
	Real Losses per length of main per day*:	N/A
	Real Losses per service connection per day per psi pressure:	0.68 gallons/connection/day/psi
From Above, Real Losses = Current Annual Real Losses (CARL):		
		141.39 million gallons/year
	? Infrastructure Leakage Index (ILI) [CARL/UARL]:	3.02

* This performance indicator applies for systems with a low service connection density of less than 32 service connections/mile of pipeline



AWWA Free Water Audit Software: User Comments

WAS

American Water Works Association
Copyright © 2014. All Rights Reserved.

Use this worksheet to add comments or notes to explain how an input value was calculated, or to document the sources of the information used.

General Comment:	
Audit Item	Comment
<u>Volume from own sources:</u>	K. Ryon QWLA 0062/R. Norby QWLA 0044 : Production meters at the well sites are calibrated annually. In 2017, they were each calibrated on October 13, 2017. A calibration and verification was performed by a third party vendor (ICS - Birmingham, AL).
<u>Vol. from own sources: Master meter error adjustment:</u>	K. Ryon QWLA 0062/R. Norby QWLA 0044 : In August 2017 the City of Hinesville upgraded our SCADA system. We are now able to automatically log data from the production flow meters. It is verified manually, on a daily basis. Prior to August 2017, we manually logged the data daily. We feel we are currently a 5, but scored ourselves 4 for 2017 since this was implemented in August.
<u>Water imported:</u>	
<u>Water imported: master meter error adjustment:</u>	
<u>Water exported:</u>	
<u>Water exported: master meter error adjustment:</u>	
<u>Billed metered:</u>	K. Ryon QWLA 0062/R. Norby QWLA 0044 : We have a very reliable billing system. We meter 100% with a reliable reading rate. We have transitioned to 100% AMR. We replace 10% of our oldest inventory annually and we test at least 10% of those meters to verify accuracy (those are replaced regardless of results). In addition, we test other meters based upon customer request. Records are kept of these test results.
<u>Billed unmetered:</u>	
<u>Unbilled metered:</u>	K. Ryon QWLA 0062/R. Norby QWLA 0044 : The only unbilled accounts within the City (that we know of) are City of Hinesville owned facilities. Those facilities are all metered and a bill produced monthly. We have a committee that reviews these bills on a periodic basis.

Audit Item	Comment
<u>Unbilled unmetered:</u>	
<u>Unauthorized consumption:</u>	
<u>Customer metering inaccuracies:</u>	
<u>Systematic data handling errors:</u>	
<u>Length of mains:</u>	K. RYON QWLA 0062/ R. NORBY QWLA 0044: We have a reliable GIS system and capable GIS staff. Electronic and paper as-builts are required for new infrastructure.
<u>Number of active AND inactive service connections:</u>	K. RYON QWLA 0062/ R. NORBY QWLA 0044: Water Dept active & inactive service connections: 11,858; 1,291 fire hydrants; 460 developed vacant lots (Inspections Dept). Public Utilities staff performs field audits based on idle meter reports and other billing activity reports on a monthly basis.
<u>Average length of customer service line:</u>	
<u>Average operating pressure:</u>	K. RYON QWLA 0062/ R. NORBY QWLA 0044: We are utilizing fire department ISO data in addition to our current sporadic testing data for more accurate reporting.
<u>Total annual cost of operating water system:</u>	
<u>Customer retail unit cost (applied to Apparent Losses):</u>	
<u>Variable production cost (applied to Real Losses):</u>	K. RYON QWLA 0062/ R. NORBY QWLA 0044: Depreciation on wells and booster pumps; electricity and chemicals.



AWWA Free Water Audit Software: Water Balance

WAS v5.0
American Water Works Association

Water Audit Report for: CITY OF HINESVILLE (1790000)		1/2017 - 12/2017					
Reporting Year: 2017							
Data Validity Score: 83							
Own Sources (Adjusted for known errors) 1,102.833	System Input 1,102.833	Water Supplied 1,102.833	Water Exported 0.000	Authorized Consumption 954.001	Billed Authorized Consumption 932.121	Billed Water Exported Billed Metered Consumption (water exported is removed) 931.851	Revenue Water 0.000
Water Imported 0.000	Unbilled Authorized Consumption 21.880	Unauthorized Consumption 13.785	Customer Metering Inaccuracies 2.757	Systematic Data Handling Errors 2.356	Leakage on Transmission and/or Distribution Mains 2.330	Leakage and Overflows at Utility's Storage Tanks Not broken down	Non-Revenue Water (NRW) 170.712

Georgia Environmental Protection Division
Qualified Water Loss Auditor
Certification Statement

Water Loss Audit Information:

Utility Name: City of Hinesville

PWS ID #: 1790000

Water Loss Audit Prepared by
(Primary Contact):

Name: Robert Norby

Phone: 912-271-1247 Email: rnorby@esginc.net

Water Loss Audit Year: 2017

Certified Data Validity Score: 83

Certified Infrastructure Leakage Index: 3.02

Certification Statement:

I hereby certify that:

1. I HAVE CONDUCTED A LEVEL 1 VALIDATION REVIEW OF THE ABOVE REFERENCED WATER LOSS AUDIT AND THE RESULTS MEET THE REQUIREMENTS IN THE GEORGIA WATER SYSTEM AUDITS AND WATER LOSS CONTROL MANUAL AND THE AMERICAN WATER WORKS ASSOCIATION METHODOLOGY FOR WATER LOSS AUDITING.
2. THE BASIS OF AUDIT DOCUMENTATION FOR THE ABOVE REFERENCED WATER LOSS AUDIT IS INCLUDED EITHER IN THE COMMENTS TAB OF THE AUDIT FILE OR ATTACHED IN COMPARABLE FORMAT.

Qualified Water Loss Auditor Information:

First & Last Name (print): Robert Norby

Phone: 912-271-1247 Email: rnorby@esginc.net

QWLA Registration Number: 0044

QWLA Signature: Robert Norby

Certification Date: 3/30/2018



AWWA Free Water Audit Software: Reporting Worksheet

WAS v5.0

American Water Works Association

[?](#) Click to access definition
[+](#) Click to add a comment

Water Audit Report for: **CITY OF HINESVILLE (1790000)**
Reporting Year: **2018** **1/2018 - 12/2018**

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the

All volumes to be entered as: MILLION GALLONS (US) PER YEAR

To select the correct data grading for each input, determine the highest grade where

WATER SUPPLIED

<----- Enter grading in column 'E' and 'J' ----->

Volume from own sources:	+	?	9	1,122.178	MG/Yr
Water imported:	+	?	n/a	0.000	MG/Yr
Water exported:	+	?	n/a	0.000	MG/Yr

Master Meter and Supply Error Adjustments

Pcnt:	Value:	
+	?	4
+	?	
+	?	

Enter negative % or value for under-registration
Enter positive % or value for over-registration

WATER SUPPLIED: **1,111.067** MG/Yr

AUTHORIZED CONSUMPTION

Billed metered:	+	?	9	962.998	MG/Yr
Billed unmetered:	+	?	10	0.248	MG/Yr
Unbilled metered:	+	?	10	8.689	MG/Yr
Unbilled unmetered:	+	?		13.888	MG/Yr

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

AUTHORIZED CONSUMPTION: **985.824** MG/Yr

Click here: [?](#)
for help using option
buttons below

Pcnt:	+	?	1.25%	●	○	Value:	
-------	-------------------	-------------------	-------	-------------------	-------------------	--------	--

Use buttons to select
percentage of water
supplied
OR
value

Pcnt:	+	?	0.25%	●	○	Value:	
-------	-------------------	-------------------	-------	-------------------	-------------------	--------	--

+	?	0.25%	●	○	MG/Yr
+	?	0.25%	●	○	MG/Yr

WATER LOSSES (Water Supplied - Authorized Consumption)

Apparent Losses

Unauthorized consumption: [+](#) [?](#) **2.778** MG/Yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:	+	?	8	2.435	MG/Yr
Systematic data handling errors:	+	?		2.407	MG/Yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: **7.620** MG/Yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: [?](#) **117.622** MG/Yr

WATER LOSSES: **125.243** MG/Yr

NON-REVENUE WATER

NON-REVENUE WATER: [?](#) **147.821** MG/Yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	+	?	9	191.6	miles
Number of <u>active AND inactive</u> service connections:	+	?	8	13,990	
Service connection density:	?			73	conn./mile main

Are customer meters typically located at the curbstop or property line? [?](#) Yes

Average length of customer service line: [+](#) [?](#) (length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure: [+](#) [?](#) **52.0** psi

COST DATA

Total annual cost of operating water system:	+	?	10	\$1,923,213	\$/Year
Customer retail unit cost (applied to Apparent Losses):	+	?	9	\$4.99	\$/1000 gallons (US)
Variable production cost (applied to Real Losses):	+	?	8	\$134.56	\$/Million gallons

☐ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 86 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources

2: Unauthorized consumption

3: Systematic data handling errors



AWWA Free Water Audit Software: System Attributes and Performance Indicators

WAS v5.0

American Water Works Association.

Water Audit Report for: CITY OF HINESVILLE (1790000)

Reporting Year: 2018 1/2018 - 12/2018

*** YOUR WATER AUDIT DATA VALIDITY SCORE IS: 86 out of 100 ***

System Attributes:

Apparent Losses:	7.620	MG/Yr
+ Real Losses:	117.622	MG/Yr
= Water Losses:	125.243	MG/Yr

? Unavoidable Annual Real Losses (UARL): 59.50 MG/Yr

Annual cost of Apparent Losses: \$38,026

Annual cost of Real Losses: \$15,827 Valued at Variable Production Cost
Return to Reporting Worksheet to change this assumption

Performance Indicators:

Financial:	{	Non-revenue water as percent by volume of Water Supplied:	13.3%	
		Non-revenue water as percent by cost of operating system:	3.0%	Real Losses valued at Variable Production Cost

Operational Efficiency:	{	Apparent Losses per service connection per day:	1.49	gallons/connection/day
		Real Losses per service connection per day:	23.03	gallons/connection/day
		Real Losses per length of main per day*:	N/A	
		Real Losses per service connection per day per psi pressure:	0.44	gallons/connection/day/psi

From Above, Real Losses = Current Annual Real Losses (CARL): 117.62 million gallons/year

? Infrastructure Leakage Index (ILI) [CARL/UARL]: 1.98

* This performance indicator applies for systems with a low service connection density of less than 32 service connections/mile of pipeline



AWWA Free Water Audit Software: User Comments

WAS v5.0
American Water Works Association.
Copyright © 2014, All Rights Reserved.

Use this worksheet to add comments or notes to explain how an input value was calculated, or to document the sources of the information used.

General Comment:	
Audit Item	Comment
Volume from own sources:	K. Ryon QWLA 0062/R. Norby QWLA 0044 : Production meters at the well sites are calibrated annually. In 2018, calibration was done on May 31, 2018 by a third party vendor (Charles F. Williams - Hilton Head, SC).
Vol. from own sources: Master meter error adjustment:	K. Ryon QWLA 0062/R. Norby QWLA 0044 : In August 2017 the City of Hinesville upgraded our SCADA system. We are now able to automatically log data from the production flow meters. It is verified manually, on a daily basis. Prior to August 2017, we manually logged the data daily.
Water imported:	
Water imported: master meter error adjustment:	
Water exported:	
Water exported: master meter error adjustment:	
Billed metered:	K. Ryon QWLA 0062/R. Norby QWLA 0044 : We have a very reliable billing system. We meter 100% with a reliable reading rate. We have transitioned to 100% AMR. We replace 10% of our oldest inventory annually and we test at least 10% of those meters to verify accuracy (those are replaced regardless of results). In addition, we test other meters based upon customer request. Records are kept of these test results.
Billed unmetered:	
Unbilled metered:	K. Ryon QWLA 0062/R. Norby QWLA 0044 : The only unbilled accounts within the City (that we know of) are City of Hinesville owned facilities. Those facilities are all metered and a bill produced monthly. We have a committee that reviews these bills on a periodic basis.

Audit Item	Comment
Unbilled unmetered:	
Unauthorized consumption:	
Customer metering inaccuracies:	
Systematic data handling errors:	
Length of mains:	K. RYON QWLA 0062/ R. NORBY QWLA 0044: We have a reliable GIS system and capable GIS staff. Electronic and paper as-builts are required for new infrastructure.
Number of active AND inactive service connections:	K. RYON QWLA 0062/ R. NORBY QWLA 0044: Water Dept active & inactive service connections: 12,518; 1,342 fire hydrants; 130 developed vacant lots (Inspections - GIS Dept). Public Utilities staff performs field audits based on idle meter reports and other billing activity reports on a monthly basis.
Average length of customer service line:	
Average operating pressure:	K. RYON QWLA 0062/ R. NORBY QWLA 0044: We are utilizing fire department ISO data in addition to our current sporadic testing data for more accurate reporting.
Total annual cost of operating water system:	
Customer retail unit cost (applied to Apparent Losses):	
Variable production cost (applied to Real Losses):	K. RYON QWLA 0062/ R. NORBY QWLA 0044: Depreciation on wells and booster pumps; electricity and chemicals.



AWWA Free Water Audit Software: Reporting Worksheet

WAS v5.0

American Water Works Association.

?

Click to access definition

+

Click to add a comment

Water Audit Report for: **CITY OF HINESVILLE (1790000)**
Reporting Year: **2019** **1/2019 - 12/2019**

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the input data by grading each component (n/a or 1-10) using the drop-down list to the left of the input cell. Hover the mouse over the cell to obtain a description of the grades

All volumes to be entered as: **MILLION GALLONS (US) PER YEAR**

To select the correct data grading for each input, determine the highest grade where

WATER SUPPLIED

<----- Enter grading in column 'E' and 'J' ----->

Volume from own sources:

+

?

9

 1,262.856 MG/Yr
Water imported:

+

?

n/a

 0.000 MG/Yr
Water exported:

+

?

n/a

 0.000 MG/Yr

Master Meter and Supply Error Adjustments

Pcnt: Value:

+

?

4

 1.00%

●

○

 MG/Yr

+

?

●

○

 MG/Yr

+

?

●

○

 MG/Yr

Enter negative % or value for under-registration
Enter positive % or value for over-registration

WATER SUPPLIED: **1,250.352** MG/Yr

AUTHORIZED CONSUMPTION

Billed metered:

+

?

9

 1,060.984 MG/Yr
Billed unmetered:

+

?

10

 0.387 MG/Yr
Unbilled metered:

+

?

10

 14.500 MG/Yr
Unbilled unmetered:

+

?

 15.629 MG/Yr

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

AUTHORIZED CONSUMPTION: **1,091.500** MG/Yr

Click here:

?

for help using option
buttons below

Pcnt: Value:
1.25%

●

○

 MG/Yr

Use buttons to select
percentage of water
supplied
OR
value

Pcnt: Value:
0.25%

●

○

 MG/Yr

0.25%

●

○

 MG/Yr
0.25%

●

○

 MG/Yr

WATER LOSSES (Water Supplied - Authorized Consumption)

Apparent Losses

Unauthorized consumption:

+

?

 3.126 MG/Yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:

+

?

8

 2.695 MG/Yr
Systematic data handling errors:

+

?

 2.652 MG/Yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: **8.474** MG/Yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses:

?

 150.379 MG/Yr

WATER LOSSES: **158.853** MG/Yr

NON-REVENUE WATER

NON-REVENUE WATER: **188.982** MG/Yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:

+

?

9

 201.7 miles
Number of active AND inactive service connections:

+

?

8

 14,248
Service connection density:

?

 71 conn./mile main

Are customer meters typically located at the curbside or property line?

Yes

Average length of customer service line:

+

?

 (length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure:

+

?

5

 52.0 psi

COST DATA

Total annual cost of operating water system:

+

?

10

 \$1,842,984 \$/Year
Customer retail unit cost (applied to Apparent Losses):

+

?

9

 \$4.86 \$/1000 gallons (US)
Variable production cost (applied to Real Losses):

+

?

8

 \$137.61 \$/Million gallons ☐ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

*** YOUR SCORE IS: 86 out of 100 ***

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources

2: Unauthorized consumption

3: Systematic data handling errors



AWWA Free Water Audit Software: Reporting Worksheet

WAS v5.0

American Water Works Association.

?

Click to access definition

+

Click to add a comment

Water Audit Report for: **CITY OF HINESVILLE (1790000)**
Reporting Year: **2020** **1/2020 - 12/2020**

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the input data by grading each component (n/a or 1-10) using the drop-down list to the left of the input cell. Hover the mouse over the cell to obtain a description of the grades

All volumes to be entered as: **MILLION GALLONS (US) PER YEAR**

To select the correct data grading for each input, determine the highest grade where

WATER SUPPLIED

<----- Enter grading in column 'E' and 'J' ----->

Volume from own sources:

+

?

9

 1,264.338 MG/Yr
Water imported:

+

?

n/a

 0.000 MG/Yr
Water exported:

+

?

n/a

 0.000 MG/Yr

Master Meter and Supply Error Adjustments

Pcnt: Value:

+

?

4

 1.00%

●

○

 MG/Yr

+

?

●

○

 MG/Yr

+

?

●

○

 MG/Yr

Enter negative % or value for under-registration
Enter positive % or value for over-registration

WATER SUPPLIED: **1,251.820** MG/Yr

AUTHORIZED CONSUMPTION

Billed metered:

+

?

9

 1,093.059 MG/Yr
Billed unmetered:

+

?

10

 0.654 MG/Yr
Unbilled metered:

+

?

10

 20.115 MG/Yr
Unbilled unmetered:

+

?

 15.648 MG/Yr

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

AUTHORIZED CONSUMPTION: **1,129.476** MG/Yr

Click here:

?

for help using option
buttons below

Pcnt: Value:
1.25%

●

○

 MG/Yr

Use buttons to select
percentage of water
supplied
OR
value

Pcnt: Value:
0.25%

●

○

 MG/Yr

0.25%

●

○

 MG/Yr
0.25%

●

○

 MG/Yr

WATER LOSSES (Water Supplied - Authorized Consumption)

Apparent Losses

Unauthorized consumption:

+

?

 3.130 MG/Yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:

+

?

8

 2.790 MG/Yr
Systematic data handling errors:

+

?

 2.733 MG/Yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: **8.652** MG/Yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses:

?

 113.692 MG/Yr

WATER LOSSES: **122.344** MG/Yr

NON-REVENUE WATER

NON-REVENUE WATER: **158.107** MG/Yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:

+

?

9

 204.0 miles
Number of active AND inactive service connections:

+

?

8

 14,184
Service connection density:

?

 70 conn./mile main

Are customer meters typically located at the curbside or property line?

Yes

Average length of customer service line:

+

?

 (length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure:

+

?

5

 52.0 psi

COST DATA

Total annual cost of operating water system:

+

?

10

 \$1,955,314 \$/Year
Customer retail unit cost (applied to Apparent Losses):

+

?

9

 \$4.81 \$/1000 gallons (US)
Variable production cost (applied to Real Losses):

+

?

8

 \$116.94 \$/Million gallons ☐ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

*** YOUR SCORE IS: 86 out of 100 ***

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources

2: Unauthorized consumption

3: Systematic data handling errors



AWWA Free Water Audit Software: Reporting Worksheet

WAS v5.0

American Water Works Association

?	Click to access definition
+	Click to add a comment

Water Audit Report for: **CITY OF HINESVILLE (1790000)**
Reporting Year: **2021** 1/2021 - 12/2021

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the input data by grading each component (n/a or 1-10) using the drop-down list to the left of the input cell. Hover the mouse over the cell to obtain a description of the grades

All volumes to be entered as: MILLION GALLONS (US) PER YEAR

To select the correct data grading for each input, determine the highest grade where

WATER SUPPLIED

<----- Enter grading in column 'E' and 'J' ----->				Master Meter and Supply Error Adjustments	
				Pcnt:	Value:
Volume from own sources:	+	?	9	1,270.948	MG/Yr
Water imported:	+	?	n/a	0.000	MG/Yr
Water exported:	+	?	n/a	0.000	MG/Yr

WATER SUPPLIED: **1,258.364** MG/Yr

AUTHORIZED CONSUMPTION

Billed metered:	+	?	9	1,108.820	MG/Yr
Billed unmetered:	+	?	10	0.522	MG/Yr
Unbilled metered:	+	?	10	20.821	MG/Yr
Unbilled unmetered:	+	?		15.730	MG/Yr

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

AUTHORIZED CONSUMPTION: **1,145.893** MG/Yr

WATER LOSSES (Water Supplied - Authorized Consumption)

Apparent Losses

Unauthorized consumption: **3.146** MG/Yr
Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:	+	?	8	2.831	MG/Yr
Systematic data handling errors:	+	?		2.772	MG/Yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: **8.749** MG/Yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: **103.723** MG/Yr

WATER LOSSES: **112.472** MG/Yr

NON-REVENUE WATER

NON-REVENUE WATER: **149.022** MG/Yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	+	?	9	208.5	miles
Number of <u>active AND inactive</u> service connections:	+	?	8	14,355	
Service connection density:	?			69	conn./mile main

Are customer meters typically located at the curbstop or property line? **Yes**

Average length of customer service line: **?** (length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure: **?** **52.0** psi

COST DATA

Total annual cost of operating water system:	+	?	10	\$2,114,106	\$/Year
Customer retail unit cost (applied to Apparent Losses):	+	?	9	\$4.90	\$/1000 gallons (US)
Variable production cost (applied to Real Losses):	+	?	8	\$121.59	\$/Million gallons

☐ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 86 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources

2: Unauthorized consumption

3: Systematic data handling errors



AWWA Free Water Audit Software: Reporting Worksheet

WAS v5.0

American Water Works Association

[?](#) Click to access definition
[+](#) Click to add a comment

Water Audit Report for: **CITY OF HINESVILLE (1790000)**
Reporting Year: **2022** **1/2022 - 12/2022**

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the

All volumes to be entered as: MILLION GALLONS (US) PER YEAR

To select the correct data grading for each input, determine the highest grade where

WATER SUPPLIED

<----- Enter grading in column 'E' and 'J' ----->

Volume from own sources:	+	?	9	1,338.293	MG/Yr
Water imported:	+	?	n/a	0.000	MG/Yr
Water exported:	+	?	n/a	0.000	MG/Yr

Master Meter and Supply Error Adjustments

Pcnt:	Value:	
+	?	4
+	?	
+	?	

Enter negative % or value for under-registration
Enter positive % or value for over-registration

WATER SUPPLIED: **1,325.043** MG/Yr

AUTHORIZED CONSUMPTION

Billed metered:	+	?	9	1,097.614	MG/Yr
Billed unmetered:	+	?	10	0.963	MG/Yr
Unbilled metered:	+	?	10	19.192	MG/Yr
Unbilled unmetered:	+	?		16.563	MG/Yr

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

AUTHORIZED CONSUMPTION: **1,134.332** MG/Yr

Click here: [?](#)
for help using option
buttons below

Pcnt:	Value:	
1.25%	●	○

Use buttons to select
percentage of water
supplied
OR
value

Pcnt:	Value:	
0.25%	●	○

0.25%	●	○	MG/Yr
0.25%	●	○	MG/Yr

WATER LOSSES (Water Supplied - Authorized Consumption)

Apparent Losses

Unauthorized consumption: [+](#) [?](#) **3.313** MG/Yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:	+	?	8	2.799	MG/Yr
Systematic data handling errors:	+	?		2.744	MG/Yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: **8.856** MG/Yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: [?](#) **181.855** MG/Yr

WATER LOSSES: **190.711** MG/Yr

NON-REVENUE WATER

NON-REVENUE WATER: [?](#) **226.466** MG/Yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	+	?	9	210.1	miles
Number of <u>active AND inactive</u> service connections:	+	?	8	14,762	
Service connection density:	?			70	conn./mile main

Are customer meters typically located at the curbstop or property line? [?](#) Yes

Average length of customer service line: [+](#) [?](#) (length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure: [+](#) [?](#) **5** **52.0** psi

COST DATA

Total annual cost of operating water system:	+	?	10	\$2,418,931	\$/Year
Customer retail unit cost (applied to Apparent Losses):	+	?	9	\$5.10	\$/1000 gallons (US)
Variable production cost (applied to Real Losses):	+	?	8	\$134.06	\$/Million gallons

☐ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 86 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources

2: Unauthorized consumption

3: Systematic data handling errors

SECTION 604 DESIGN OF BUILDING WATER DISTRIBUTION SYSTEM

604.1 General. The design of the water distribution system shall conform to accepted engineering practice. Methods utilized to determine pipe sizes shall be approved.

604.2 System interconnection. At the points of interconnection between the hot and cold water supply piping systems and the individual fixtures, appliances or devices, provisions shall be made to prevent flow between such piping systems.

604.3 Water distribution system design criteria. The water distribution system shall be designed, and pipe sizes shall be selected such that under conditions of peak demand, the capacities at the fixture supply pipe outlets shall not be less than shown in Table 604.3. The minimum flow rate and flow pressure provided to fixtures and appliances not listed in Table 604.3 shall be in accordance with the manufacturer's installation instructions.

**TABLE 604.3
WATER DISTRIBUTION SYSTEM DESIGN CRITERIA
REQUIRED CAPACITY AT FIXTURE SUPPLY PIPE OUTLETS**

FIXTURE SUPPLY OUTLET SERVING	FLOW RATE ^a (gpm)	FLOW PRESSURE (psi)
Bathtub	4	8
Bidet	2	4
Combination fixture	4	8
Dishwasher, residential	2.75	8
Drinking fountain	0.75	8
Laundry tray	4	8
Lavatory	2	8
Shower	3	8
Shower, temperature controlled	3	20
Sillcock, hose bibb	5	8
Sink, residential	2.5	8
Sink, service	3	8
Urinal, valve	15	15
Water closet, blow out, flushometer valve	35	25
Water closet, flushometer tank	1.6	15
Water closet, siphonic, flushometer valve	25	15
Water closet, tank, close coupled	3	8
Water closet, tank, one piece	6	20

For SI: 1 pound per square inch = 6.895 kPa, 1 gallon per minute = 3.785 L/m.

a. For additional requirements for flow rates and quantities, see Section 604.4.

604.4 Maximum flow and water consumption. The maximum water consumption flow rates and quantities for all plumbing fixtures and fixture fittings shall be in accordance with Table 604.4.

Exceptions:

1. Blowout design water closets having a maximum water consumption of 3.5 gallons (13 L) per flushing cycle.
2. Vegetable sprays.
3. Clinical sinks having a maximum water consumption of 4.5 gallons (17 L) per flushing cycle.
4. Service sinks.
5. Emergency showers.

**TABLE 604.4
MAXIMUM FLOW RATES AND CONSUMPTION FOR
PLUMBING FIXTURES AND FIXTURE FITTINGS**

PLUMBING FIXTURE OR FIXTURE FITTING	MAXIMUM FLOW RATE OR QUANTITY ^a
Lavatory, private	2.2 gpm at 60 psi
Lavatory, public, (metering)	0.25 gallon per metering cycle
Lavatory, public (other than metering)	0.5 gpm at 60 psi
Shower head ^a	2.5 gpm at 80 psi
Sink faucet	2.2 gpm at 60 psi
Urinal	1.0 gallon per flushing cycle
Water closet	1.6 gallons per flushing cycle

For SI: 1 gallon = 3.785 L, 1 gallon per minute = 3.785 L/m,
1 pound per square inch = 6.895 kPa.

a. A hand-held shower spray is a shower head.

b. Consumption tolerances shall be determined from referenced standards.

604.5 Size of fixture supply. The minimum size of a fixture supply pipe shall be as shown in Table 604.5. The fixture supply pipe shall not terminate more than 30 inches (762 mm) from the point of connection to the fixture. A reduced-size flexible water connector installed between the supply pipe and the fixture shall be of an approved type. The supply pipe shall extend to the floor or wall adjacent to the fixture. The minimum size of individual distribution lines utilized in gridded or parallel water distribution systems shall be as shown in Table 604.5.

604.6 Variable street pressures. Where street water main pressures fluctuate, the building water distribution system shall be designed for the minimum pressure available.

604.7 Inadequate water pressure. Wherever water pressure from the street main or other source of supply is insufficient to provide flow pressures at fixture outlets as required under Table 604.3, a water pressure booster system conforming to Section 606.5 shall be installed on the building water supply system.

WATER-USE HABITS

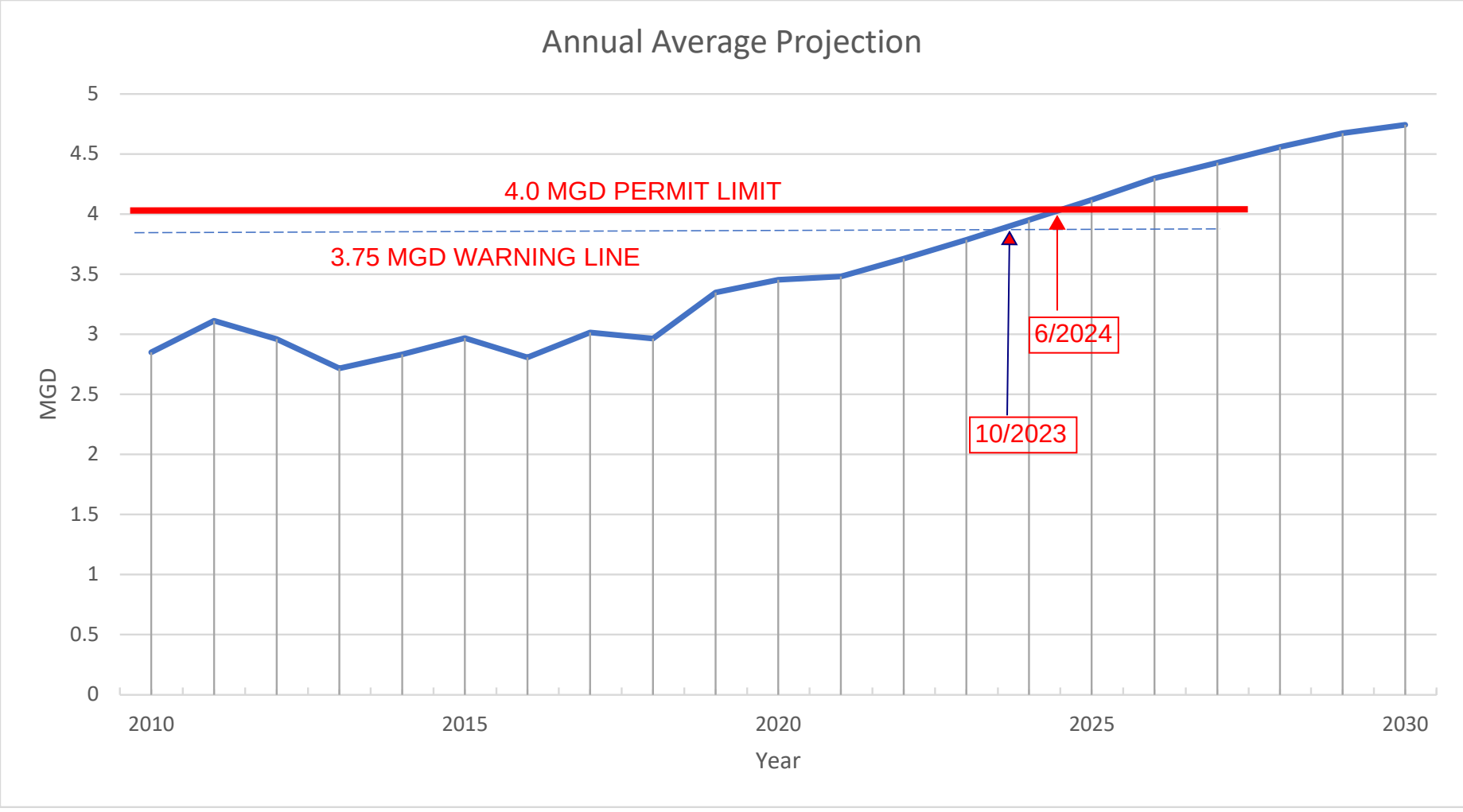
	Typical Usage	Water-saving Habits	Devices Install/ Cost
Showering	25-50 gal. (5-10 gal per minute shower)	Wet down, soap up rinse off (5 gal.)	1 low-flow shower head 1 shower flow restrictor \$12.00 + \$1.50
Tub Bathing	35 gallons full	low level (10-12 gal.)	Shut off valve
Toilet flushing	6-7 gal/flush; Avg. 5 flushes per day	tank-displacement or half flush device	1 set of toilet dams \$8.00 1 plastic bottle \$0
Teeth brushing	2 gallons (tap running continually)	Wet brush, rinse briefly (1 pint)	3 faucet aerators or flow restrictors (for all faucets) \$4.50
Hand washing	2 gallons (tap running)	fill basin, rinse briefly 1 gallon	
Shaving	3-5 gallons (tap running)	fill basin rinse (1 gal.)	
Dishwashing	20 gallons (tap running)	wash, rinse in sink (5 gal.)	
Clothes washer	36-60 gal. (full cycle 40-50 for top load washer)	Do only full loads	
Outdoor watering	5-10 gallons per minute	Be sensible, seek local lawn/garden expert advice (Extension Svc.)	Total cost \$26.00

* Installation of devices and present changes in water use habits can reduce water consumption 30-50 percent. Savings in water and energy cost quickly pay for installation of services.

* Source: Liberty County Cooperative Extension

Hinesville Historical Water & Sewer Capacity Evaluation with Projection

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023*	2024
	Historical Water Trend = Average Growth of 6.17% increase per year since meter repalcement in 2016														
Historical & Future Water Needs	2.848	3.112	2.960	2.715	2.835	2.967	2.809	3.017	2.965	3.346	3.453	3.480	3.630	3.786	3.950
Histocial & Future Sewer Needs	3.435	3.372	3.648	3.814	3.666	3.73	3.744	4.37	4.70	4.15	4.870	5.120	5.341	5.271	5.498
	Historical Sewer Trend = Average Growth of 4.31% increase per year since 2010														



CITY OF HINESVILLE WATER WITHDRAWAL PROJECTIONS

A Resolution

An ordinance Updating the Water Conservation Plan for the City of Hinesville in accordance with the Rules of the Georgia Department of Natural Resources, Environmental Protection Division, Chapter 391-3-2-.04(11); to repeal conflicting laws; and for other purposes.

WHEREAS, the Georgia Department of Natural Resources issued to the City of Hinesville a permit to withdraw groundwater from the Floridian Aquifer for its public drinking water system; and

WHEREAS, the City of Hinesville has submitted an application for modification of its existing permit to increase the amount of groundwater withdrawn from said Aquifer; and

WHEREAS, approval of such application for modification of the City's existing permit is conditioned upon the adoption of a water conservation plan; and

WHEREAS, it is desirable for the public health and welfare that such a water conservation plan be established.

NOW, THEREFORE, BE IT ORDAINED BY THE GOVERNING AUTHORITY OF THE CITY OF HINESVILLE TO ADOPT A DOCUMENT TO CONSERVE THE WATER SUPPLY AND TO AVOID AND MINIMIZE THE EFFECTS OF ANY FUTURE WATER SHORTAGE, THE CITY OF HINESVILLE HEREBY ADOPTS THE "CITY OF HINESVILLE WATER CONSERVATION PLAN" PURSUANT TO THE RULES OF THE GEORGIA DEPARTMENT OF NATURAL RESOURCES WITH LIKE EFFECT AS IF RECITED HEREIN, SAID PLAN BEING IDENTIFIED BY THE INSCRIPTION "CITY OF HINESVILLE WATER CONSERVATION PLAN," DATED MARCH 3, 2023 A COPY OF WHICH IS ON FILE WITH THE CITY CLERK OF HINESVILLE, GEORGIA.

THEREFORE BE IT RESOLVED that the Mayor and Council of the city of Hinesville, Georgia do hereby ordain, resolve and enact the foregoing.

APPROVED this _____ day of _____, 2023.

Allen Brown, Mayor

Keith Jenkins, Mayor Pro Tem

Diana Reid, Council Member

Jason Floyd, Council Member

Vicky Nelson, Council Member

Karl Riles, Council Member

Attest

Lia Jones, City Clerk

AN ORDINANCE AMENDING CHAPTER 19 OF THE CITY OF HINESVILLE
GEORGIA CODE OF ORDINANCES (“CODE”, “CODE OF ORDINANCES”),
RELATING TO WATER AND SEWAGE, TO PROVIDE FOR A WATER
CONSERVATION PLAN.

WITNESSETH:

WHEREAS, the duly elected governing authority of the City of Hinesville, Georgia (“City”) is the Mayor and City Council; and

WHEREAS, the Mayor and City Council are authorized under Article 9, Section 2, of the Constitution of the State of Georgia to enact reasonable ordinances to protect the health, safety, morals, convenience, order, propriety, and general welfare of the people of the City; and

WHEREAS, the Georgia Department of Natural Resources issued to the City of Hinesville a permit to withdraw groundwater from the Floridian Aquifer for its public drinking water system; and

WHEREAS, the City of Hinesville has submitted an application for modification of its existing permit to increase the amount of groundwater withdrawn from said Aquifer; and

WHEREAS, approval of such application for modification of the City's existing permit is conditioned upon the adoption of a water conservation plan; and

WHEREAS, the Mayor and Council have resolved that it’s in the best interest of the City for the public health and welfare that such a water conservation plan be established.

**NOW THEREFORE, BE IT ORDAINED BY THE MAYOR AND THE
HINESVILLE CITY COUNCIL:**

SECTION 1.

Chapter 19 of the Code of Ordinances, relating to Water and Sewage, is amended by revising Section 19-164, relating to the declaration of policy and enactment of the City’s water conservation of water, to read as follows:

“Chapter 391-3-2-.04(11) of the Rules of the Georgia Department of Natural Resources (Environmental Protection Division) requires municipalities applying for modification of an existing water withdrawal permit to adopt and enforce a water conservation plan to reduce the quantity of water used by the people therein for the purpose of conserving the water supply. To conserve the water supply and to avoid and minimize the effects of any future water shortage, The City of Hinesville hereby adopts the "City of Hinesville Water Conservation Plan" (hereinafter referred to “water conservation plan” pursuant to the Rules of the Georgia Department of Natural Resources with like effect as if recited herein, said plan being identified by the inscription "City of Hinesville Water Conservation Plan," dated march 23, 2023, a copy of which is on file with the City Clerk of Hinesville, Georgia.”

SECTION 2.

All other ordinances or portions of ordinances in conflict with this Ordinance, or inconsistent with the directive of this Ordinance, are hereby repealed to the extent necessary to give this Ordinance full force and effect.

SECTION 3.

This ordinance shall become effective upon its adoption by the Mayor and the Hinesville City Council.

PASSED AND APPROVED THIS _____ OF MAY, 2023, BY THE MAYOR AND COUNCIL OF THE CITY OF HINESVILLE, GEORGIA.

Allen Brown, Mayor

Diana F. Reid, Councilmember

Jason Floyd, Mayor Pro Tem

Vicky C. Nelson, Councilmember

Keith Jenkins, Councilmember

Karl A. Riles, Councilmember

ATTEST:

Lia Jones, City Clerk
(SEAL)



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Historic Preservation Commission
Prepared by: Lia Jones
Presented by: Kenneth Howard

PURPOSE: To Present for Mayor and Council Consideration, Historic Preservation Commission Appointment Mayor Pro Tem Jenkins (Andre Holmes) Resignation Received on May 11, 2023.

BACKGROUND: The Commission shall consist of six (6) members appointed by the Mayor and City Council, with each such elected official responsible for the selection of one (1) Commission member.

FUNDING: None

RECOMMENDATION: None

ATTACHMENTS:

1. Section 5-252 Creation of a Historic Preservation Commission

PREVIOUS COUNCIL DISCUSSION:

Sec. 5-252. Creation of a Historic Preservation Commission.

- (a) *Creation of the Commission.* There is hereby created a commission whose title shall be "City of Hinesville Historic Preservation Commission."
- (b) *Commission members: appointment, terms of office, election of officers, and compensation.* The Commission shall consist of six members appointed by the Mayor and City Council, with each such elected official responsible for the selection of one Commission member. A majority of the members of any such Commission shall have demonstrated special interest, experience, or education in history or architecture. The terms of office of Commission members shall be for three year staggered terms. The Commission shall elect from its membership a chairperson and such other officers as may be desired. Officers shall be elected on a calendar year basis, but may be reelected for succeeding terms. All members of the Commission shall serve without compensation but may be reimbursed for actual expenses incurred in connection with their official duties.
- (c) *Vacancies.* Any vacancy in membership of the Commission shall be filled for the unexpired term by the elected official responsible for the initial selection of the departing Commission member. The Mayor and City Council shall have the authority to remove any member for cause, on written charges, after a public hearing.
- (d) *Powers.* The Historic Preservation Commission appointed or designated shall be authorized to:
 - (1) Prepare an inventory of all property within its respective historic preservation jurisdiction having the potential for designation as historic property;
 - (2) Recommend to the City Council specific places, districts, sites, buildings, structures, or works of art to be designated by ordinance as historic properties or historic districts;
 - (3) Review applications for certificates of appropriateness and grant or deny the same in accordance with O.C.G.A. § 44-10-28;
 - (4) Recommend to the City Council that the designation of any place, district, site, building, structure, or work of art as a historic property or as a historic district be revoked or removed;
 - (5) Restore or preserve any historic properties acquired by the City;
 - (6) Promote the acquisition by the City of conservation easements in accordance with O.C.G.A. §§ 44-10-1 — 44-10-8;
 - (7) Conduct an educational program on historic properties located within its historic preservation jurisdiction;
 - (8) Make such investigations and studies of matters relating to historic preservation as the City Council or the Commission itself may from time to time deem necessary or appropriate for the purposes of this article;
 - (9) Seek out State and Federal funds for historic preservation and make recommendations to the City Council concerning the most appropriate use of any funds acquired;
 - (10) Consult with historic preservation experts in the Division of Historic Preservation of the Department of Natural Resources or its successor and the Georgia Trust for Historic Preservation, Inc.; and
 - (11) Submit to the Division of Historic Preservation of the Department of Natural Resources or its successor a list of historic properties or historic districts designated as such pursuant to O.C.G.A. § 44-10-26.
- (e) *Commission's power to adopt rules and standards.* The Commission shall adopt rules and standards for the transaction of its business and for consideration of applications for designations and certificates of appropriateness not otherwise in contravention of this article or the laws of the State, such as bylaws, and design guidelines and criteria. The Commission shall have the flexibility to adopt such rules and standards

without amendment to this article, subject however to the approval of the Mayor and City Council. The Commission shall provide for the time and place of regular meetings and a method for the calling of special meetings. A quorum shall consist of a majority of the members.

- (f) *Conflict of interest.* The Commission shall be subject to all conflict of interest laws set forth in State statutes and in this Code of Ordinances, the provisions of which are hereby incorporated by reference.
- (g) *Commission's authority to receive funding from various sources.* The Commission shall have the authority to accept donations and shall insure that these funds do not displace appropriated governmental funds.
- (h) *Records of Commission meetings.* A public record shall be kept of the Commission's resolutions, proceedings and actions. Such public record shall remain on file in the office of the Community Development Department.

(Code 1978, § 2-267; Ord. No. 1996-03, § III, 5-2-1996)

State law reference(s)—Historic preservation commissions, O.C.G.A. §§ 44-10-24, 44-10-26.



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Engineering Bid Award
Prepared by: Paul Simonton
Presented by: Paul Simonton

PURPOSE: To Present for Mayor and Council Consideration, Engineering Bid Award for Krebs Park Phase 2.

BACKGROUND: Krebs Park Phase 2 includes

- Pavillion
- Bathrooms for Court Area
- Two Playgrounds (with special needs and seating)
- Exercise Stations
- Skate Park

The project was properly advertised and bids opened on March 1, 2023
 Two bids were received:

- Lavender and Associates, Statesboro, GA - \$948,553.00
- Bent Pine Construction , St. Marys , GA - \$798,275.79

FUNDING: SPLOST

RECOMMENDATION: Award Project to Bent Pines Construction in the amount of \$798,275.79

ATTACHMENTS:

1. 2020-97 Bid Tabulation
2. Memo Style

PREVIOUS COUNCIL DISCUSSION:

		Krebs Park Phase II						I Certify that this tabulation is a true and representation of the bids received on March 1, 2023	
		The City of Hinesville	John E. Lavender & Associates, Inc.	Bent Pine Construction Company, Inc.					
		Bid Items SE #2020-97.1							
Item	Estimated Quantity	Units	Description	Unit Price	Total Price	Unit Price	Total Price		
			General						
1	1	LS	Clearing & Grubbing		\$ 98,000.00		\$ 10,838.00		
2	1	LS	Fine Grading		\$ 12,000.00		\$ 6,097.00		
3	1	LS	Skate Park		\$ 267,500.00		\$ 250,820.00		
4	1	LS	Pavillion		\$ 310,000.00		\$ 267,238.00		
5	1	LS	Bathroom		\$ 80,000.00		\$ 53,550.00		
6	1	LS	Batting Cage		\$ 44,000.00		\$ 38,480.00		
7	1	LS	Special Needs Playground		\$ 18,600.00		\$ 44,837.00		
8	1	LS	Typical Playground		\$ 65,028.00		\$ 68,752.00		
	4	EA	6' Seating	\$ 800.00	\$ 3,200.00	\$ 1,572.36	\$ 6,289.44		
9	1	LS	Exercise Stations		\$ 20,000.00		\$ 21,806.00		
10	65	SY	4" concrete sidewalk	\$ 65.00	\$ 4,225.00	\$ 116.24	\$ 7,555.60		
11	10	SY	Concrete Pavement Replacement	\$ 100.00	\$ 1,000.00	\$ 291.58	\$ 2,915.80		
			Erosion & Sediment control						
41	1	EA	Construction Exit		\$ 4,500.00		\$ 3,387.00		
42	1000	LF	Silt Fence Type N	\$ 7.50	\$ 7,500.00	\$ 3.79	\$ 3,790.00		
43	1	EA	Concrete Washout		\$ 1,000.00		\$ 3,791.00		
44	5	EA	Silt Trap Sd2SS	\$ 400.00	\$ 2,000.00	\$ 677.39	\$ 3,386.95		
45	1	LS	Temporary Grassing		\$ 5,000.00		\$ 1,355.00		
47	1	LS	Permanent Grassing		\$ 5,000.00		\$ 3,387.00		
			Total Phase Two Bid		\$ 948,553.00		\$ 798,275.79		
			Alt Bid		Add brick veneer to exterior of bathroom \$7,500.00		Add brick veneer to exterior of bathroom \$25,000.00		

paul@simontoneng.com

From: DeLisa Clift <delisa@strategicbiz.co>
Sent: Tuesday, April 4, 2023 12:07 PM
To: paul@simontoneng.com
Subject: Re: FW: American Ramp company

Good afternoon Paul,

After reviewing the documents presented by American Ramp Company, I am comfortable that they meet the M/DBE requirements and can self perform on this project as such. And if they have the intention of subcontracting with Mobile Concrete as the WBE, they will meet the M/D/WBE goals for the Krebs Park project. Let me know if you have any questions or concerns.

DeLisa

On Wed, Mar 22, 2023 at 8:38 AM <paul@simontoneng.com> wrote:

See attached

Paul C. Simonton, P.E.



Hinesville & Greensboro, GA

(912) 977-1502 (706) 454-0870

paul@simontoneng.com

From: Luke Rozanski <luke@bentpineinc.com>
Sent: Friday, March 17, 2023 10:38 AM
To: paul@simontoneng.com
Subject: American Ramp company

Hi Paul,

American Ramp Company produced the attached documentation, Nate and John are shown on the annual report and their verification as minorities is attached. Let me know how you want to proceed.

Thank you,

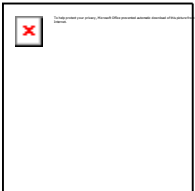
Luke Rozanski

Bent Pine Construction

850-559-5600

--

DeLisa Clift
COO Consultant
425 W Oglethorpe Hwy.
Hinesville, GA 31313
O: 912.368.3471
C: 912.980.2414
F: 912.368.3420
Website: www.thestrategicbiz.com





City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Lead and Copper Rule, Requirements and Strategy
Prepared by: Kimberly Ryon
Presented by: Kenneth Howard

PURPOSE: To Present for Mayor and Council Consideration, the Mandates Related to Lead and Copper Water Service Lines and the City's Plan to Comply with the Requirements.

BACKGROUND:

FUNDING:

RECOMMENDATION:

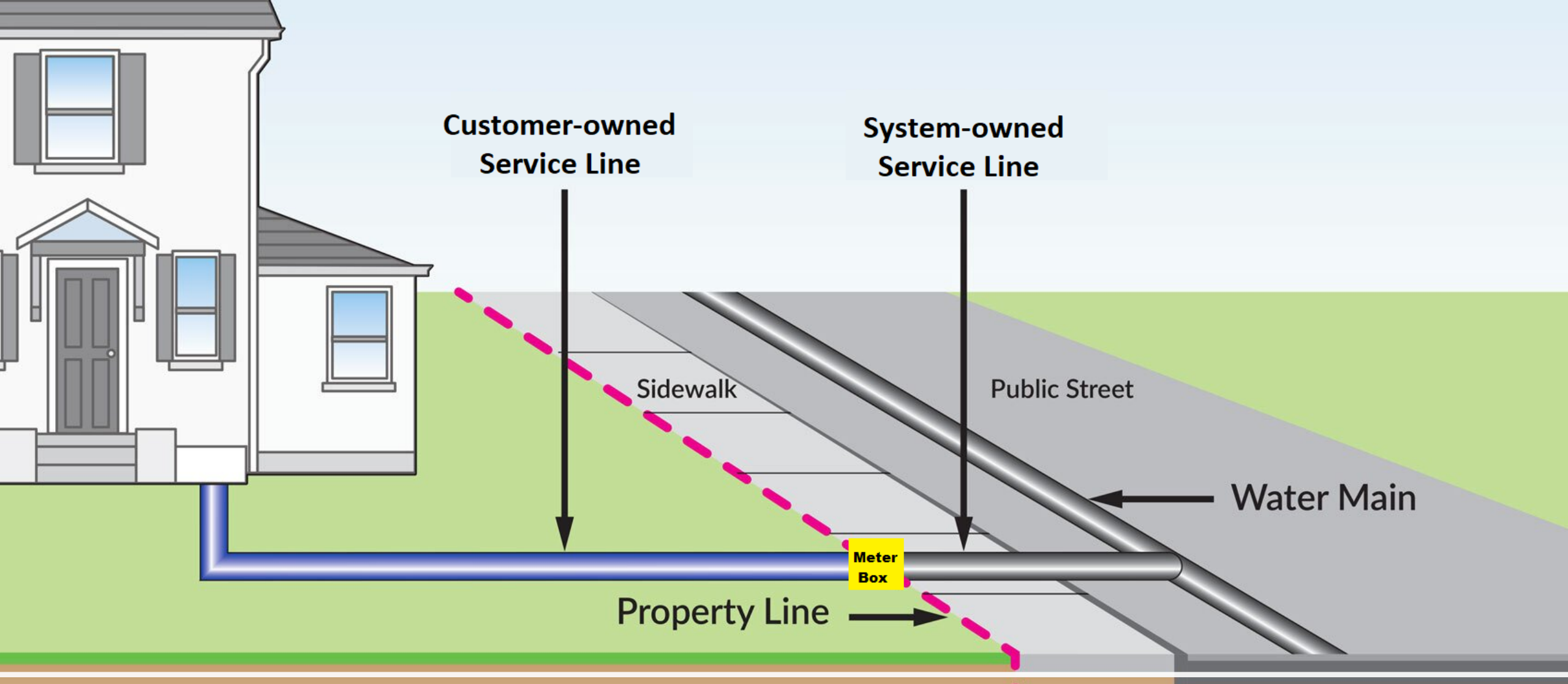
ATTACHMENTS:

1. Hinesville Lead and Copper 5.12.23 (002)

PREVIOUS COUNCIL DISCUSSION:

City of Hinesville Lead & Copper Rule Requirements and Strategy





What is a “Service Line” pertaining to our Water System?

Lead and Copper Rule



On December 17, 2021, following U.S. EPA engagement activities, U.S EPA published Docket No. EPA-HQ-OW-2021-0255 in the federal register

- U.S. EPA committed to propose and revise the LCRR by October 2024 with the Lead and Copper Rule Improvements (LCRI)
- The LCRI is expected to delay the implementation of portions of the LCRR beyond the October 16, 2024, compliance date.
- The U.S. EPA will not delay the service line material inventory requirements in the LCRR

What does it all mean?

The City of Hinesville (and all other water systems in the US) will be required to engage in a 12-17 Year program to identify and replace lead and copper service lines. Includes an inventory of service line material to start...

Service Line Material Classifications

- “Lead” where the service line is made of lead.
- “Galvanized Requiring Replacement” (GRR) where a galvanized service line is or was at any time downstream of a lead service line or is currently downstream of a “Lead Status Unknown” service line. If the water system is unable to demonstrate that the galvanized service line was never downstream of a lead service line, it must presume there was an upstream lead service line.

Note from the LCRR definitions above: A galvanized line that is connected downstream of a lead gooseneck, pigtail, fitting, or connection is not considered a GRR and does not require replacement

Service Line Material Classifications (Cont'd)

“Non-lead” where the service line is determined through an evidence-based record, method, or technique not to be lead or galvanized requiring replacement.

“Lead Status Unknown” where the service line material is not known to be lead, galvanized requiring replacement, or a nonlead service line, such as where there is no documented evidence supporting material classification.

Inventory Requirements

- **The inventory must include all service lines connected to the public water distribution system regardless of intended use (40 CFR §141.84(a)(2)).** Lead connectors, gooseneck, and pigtails are not required to be included unless required by the state.
- **The inventory must include information on both the system- and customer-owned portions.** Service lines must be classified as lead, GRR, non-lead (or the actual material), or lead status unknown service lines (or unknown)
- A classification of non-lead must be supported by **evidence-based records, methods, or techniques** to prove it is not lead or GRR

What does Hinesville need to do by October 2024?

- Complete **Service Line Inventory** to comply with LCRR Requirements
- Provide **Planning Document** to EPD/EPA addressing 6 major areas
 - Strategy for determining any unknowns resulting from inventory
 - Step by step procedures for LSL Replacements
 - Process for informing customers prior to performing replacements
 - LSLR Goal Rate for “Trigger” Level Exceedance
 - Flushing procedures for customers
 - LSLR prioritization and coordination with ongoing projects and Disadvantaged Communities
 - Funding strategies to help disadvantaged persons offset costs

Approach

Phase 1 of Service Line Inventory

Approach Summary- seek to reduce overall cost by reducing the number of services that must be physically dug and inspected (highest cost scenario but some required to meet requirement)

Phase 1- “Desktop Inventory”

Utilize GIS to query when structures were constructed in the Hinesville Service Area- All constructed later than 1990 can be assumed to be non-lead. Utilize all existing city data (maps, work order info, and other documents)...

Reduction for Phase 1- City Staff (Semmie and George) accomplished the GIS Query with the following reduction- 55% Reduction for Residential Customers...

12,562 → 5,617

Phase 2- “Predictive Modeling” and Physical Inspections

The previous phase reduced our need for physical inspections down considerably. EPA and EPD have now provided notice that they will allow “Predictive Modeling” to assist our physical inventory efforts.

Based on our preliminary study, we believe predictive modeling may save between 70% and 80% of the cost to inventory.

- We will design a tailored program for the city where we will use both sampling events and physical inspection events to “teach” a model to predict service line material...
- We have partnered with Blue Conduit who is the main software modeling group used during and after the Flint, Michigan problems

Phase 2- Continued...

- We will use ESG/Inframark's buying power to negotiate better software costs for our clients...

Expected cost for Hinesville- \$30,000

- Rather than physical inspections for 100% of the system, we expect that we will limit physical inspections to roughly 10% of total for October submission- for Hinesville, maybe 500 inspections required

Expected cost for Hinesville- \$30K-\$50K

- ESG Engineering can provide program management, oversee and perform modeling scenarios, collect all data including sampling and physical inspections, prepare and submit inventory results and proof of concept for modeling approach, submit planning document for Phase 3, etc... Turnkey Program Management...

Total for Inventory Phase- Budget for \$150K to \$200K

Cost Estimate- Service Line Inventory

- Prior to EPD Acceptance of Predictive Modeling, we had estimated Hinesville's total exposure on the inventory at \$500K to \$1M
- We now expect exposure to be below \$200K utilizing this strategy



Risk Factors?

EPD will review our predictive modeling strategy after October 24 and provide feedback. We could be required to provide more inspections, but in any case, we will have reduced the total cost for Hinesville considerably...

Grant Submittals

Grant Potential

City staff have prepared and submitted requests to the following:

1. \$500,000 request to Senator Warnock Congressional Direct Spending
 - *Under review for consideration for next legislative session*
2. \$500,000 pre-application to the Georgia Environmental Finance Authority
 - *Official Grant Awards will be announced the week of June 5th...*





Comments or Questions?



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023

Agenda Item: Hinesville Police Department
Mobile App

Prepared by: Jean Marie Reynolds

Presented by: Lloyd Slater

PURPOSE: To Present for Mayor and Council Consideration, Publicly Announce the Launching of the Hinesville Police Department Mobile Application.

BACKGROUND: According to recent studies, the smartphone is among the most used electronic devices in the world. So, to improve the speed and method of sharing critical information, the Hinesville Police Department is now using mobile app technology to provide more information more efficiently.

Relationship management and digital community engagement are two areas that are essential to the agency's growth and vision. Serving the Hinesville-Fort Stewart residential and digital communities with this app will have an immediate and far-reaching impact on receiving reliable information in a timely manner.

Users will find that the Hinesville Police Department smartphone app is one of the state's most unique and comprehensive law enforcement apps. It is a one-stop reference for anyone living, visiting, or interested in Hinesville, Georgia.

The Hinesville Police Department app is available for download for free in the App Store and Google Play by searching "Hinesville Police Department, GA"

FUNDING: Seized Asset Forfeiture

RECOMMENDATION: N/A

ATTACHMENTS:

1. Hinesville Police Department (GA) Press Release
2. Main Menu
3. Community
4. Public Safety

PREVIOUS COUNCIL DISCUSSION:

The Hinesville Police Department Announces Its New Smartphone App

Download our app today!

Search: Hinesville Police Department, GA



Hinesville Police Dept, GA

About this app

The City of Hinesville Police Department mobile application is a free mobile app designed to help improve communication with area residents. The Hinesville Police Department mobile app allows our agency to send important and emergency push notifications to residents about incidents and events important to your family's safety. Citizens and visitors can also connect directly with the Hinesville Police Department by providing anonymous tips, reporting crimes, request records and reports, and other interactive features.

The Hinesville Police Department app is available for download for free in the App Store and Google Play by searching "Hinesville Police Department, GA"

Main Menu



Community



Public Safety





City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Peddler's License Request
Prepared by: Deridra Weeks
Presented by: Deridra Weeks

PURPOSE: Dyneekha Miller of Ice E Pop would like a 2023 Peddler's License to operate an ice cream truck. The Inspections and Fire Department have reviewed and approved the application.

BACKGROUND: None

FUNDING: None

RECOMMENDATION: Approval

ATTACHMENTS:

1. Ice E Pop Summary Sheet
2. Ice E Pop Application
3. Ice E Pop Background Check

PREVIOUS COUNCIL DISCUSSION: None

SUMMARY SHEET FOR PEDDLERS LICENSE

YEAR OF LICENSE	2023
NAME OF BUSINESS	Ice E Pop LLC
ADDRESS OF BUSINESS	3509 Arwall Dr Lot 14 Allenhurst, GA 31301
NAME OF APPLICANT	Dyneekha McNair
NAME OF MANAGER	Dyneekha McNair
APPROVED BY HPD	Yes 05/05/2023
APPROVED BY ZONING	Yes 04/26/2023
APPROVED BY INSPECTIONS DEPARTMENT	Yes 04/28/2023
APPROVED BY HFD	Yes 05/02/2023
TYPE OF LICENSE	Peddler's License

City Council () Approved () Disapproved by _____ Date: 05-18-2023

CITY OF HINESVILLE
APPLICATION FOR PEDDLER OR TRANSIENT MERCHANT LICENSE
(This is NOT a License)

PAYABLE TO:

CITY OF HINESVILLE
115 EAST M L KING JR DRIVE
HINESVILLE, GEORGIA 31313
PHONE (912) 876-3564

FOR OFFICE USE ONLY:

BLG INS _____ DATE _____
ZONING _____ DATE _____
POLICE _____ DATE _____

TYPE OF LICENSE : PEDDLER ☒ TRANSIENT MERCHANT _____
NAME OF APPLICANT: Dyneekha McNair YEAR _____
PERMANENT HOME ADDRESS: 3509 Arnall Dr lot 14
CITY Alenhurst STATE GA ZIP 31301
TELEPHONE NUMBER: (912) 271-8019 FEI NUMBER _____
IS THIS A CORPORATION? NO IF YES, STATE AND DATE OF INCORPORATION _____ (ATTACH PROOF OF INCORPORATION)
DATE OF BIRTH _____ SOCIAL SECURITY NUMBER _____
NAME OF BUSINESS Ice E Pop LLC
PERMANENT ADDRESS OF BUSINESS 3509 Arnall Dr Lot 14
CITY Alenhurst STATE GA ZIP 31310
NAME OF REPRESENTATIVE IN CITY (IF DIFFERENT FROM APPLICANT) _____
DATE OF BIRTH _____ SOCIAL SECURITY NUMBER _____
HOME ADDRESS _____
CITY _____ STATE _____ ZIP _____
TYPE OF MERCHANDISE OF SERVICE OFFERED FOR SALE prepackaged Ice cream
LOCAL BUSINESS ADDRESS : (ATTACH AUTHORIZATION SLIP FROM OWNER- FOR TRANSIENT MERCHANT LIC)
3509 Arnall Dr Lot 14 Alenhurst GA 31310
DATES OF BUSINESS IN THE CITY 8-AM - 8 PM TOTAL DAYS 7
HOURS OF OPERATION 12 hrs SALES TAX NUMBER OR AUTHORIZATION _____
EXPLAIN HOW YOUR BUSINESS WILL BE CONDUCTED I will sell my Merchandise by going through local communities and business areas that allow.
LIST CITIES WHERE BUSINESS HAS BEEN CONDUCTED IN THE LAST TWELVE MONTHS:
Alenhurst
Waltherville

LICENSE FEE COMPUTATIONS

Amount per day _____ X _____ days (Enter Amount Due) \$ _____
maximum \$500.00
Admin Fee Due for New Application - \$50.00 \$ _____
Other Fees \$ _____
(TOTAL DUE) \$ _____

IMPORTANT: PLEASE READ CAREFULLY

The applicant hereby agrees to be bound by all of the terms and conditions of the Ordinance adopted by the City of Hinesville, Georgia and any laws as may apply to the above business. I hereby agree to permit during business hours reasonable inspections as authorized by law.

THIS 26 DAY OF April 2023 [Signature]
AUTHORIZED SIGNATURE OF APPLICANT

MAYOR
Allen Brown

CITY MANAGER
Kenneth K. Howard

CITY CLERK
Lia Jones

CITY ATTORNEY
Linnie L. Darden, III



Lloyd L. Slater, Chief of Police

MAYOR PRO TEM
Keith Jenkins

COUNCIL MEMBERS
Diana F. Reid
Vicky C. Nelson
Jason Floyd
Karl A. Riles

FROM THE HINESVILLE POLICE DEPARTMENT

This is to certify that I have checked criminal history records on the enclosed applicants.

Name of applicant McNair, Dyneeka ☒ No record on file
☐ Record on file acceptable
☐ Record on file, summary attached
☐ Not acceptable

Name of applicant _____ ☐ No record on file
☐ Record on file acceptable
☐ Record on file, summary attached
☐ Not acceptable

Name of applicant _____ ☐ No record on file
☐ Record on file acceptable
☐ Record on file, summary attached
☐ Not acceptable

Name of applicant _____ ☐ No record on file
☐ Record on file acceptable
☐ Record on file, summary attached
☐ Not acceptable

Name of applicant _____ ☐ No record on file
☐ Record on file acceptable
☐ Record on file, summary attached
☐ Not acceptable


Signature

05/05/23
Date

"Home for a Day or a Lifetime"



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Transient Merchant License Request
Prepared by: Deridra Weeks
Presented by: Deridra Weeks

PURPOSE: David Midgorden of TNT Fireworks would like to a 2023 Transient Merchant License to sell fireworks at 751 W Oglethorpe (Walmart 0862), 1422 W Oglethorpe Hwy (Walmart 4525), 801 E General Stewart Way (Walmart 4519), and 229 W General Screven Way (Cititrends). All departments have reviewed and approved the application.

BACKGROUND: None

FUNDING: Approval

RECOMMENDATION: Approval

ATTACHMENTS:

1. TNT Summary Sheet

PREVIOUS COUNCIL DISCUSSION: None

**SUMMARY SHEET FOR TRANSIENT MERCHANT
LICENSE APPLICATION**

YEAR OF LICENSE	2023
NAME OF APPLICANT(S)	David Midgorden
NAME OF BUSINESS	TNT Fireworks
ADDRESS OF BUSINESS	4511 Helton Drive Florence, AL 35630
APPROVED BY HPD	YES 04/20/2023
APPROVED BY ZONING	YES 04/13/2023
APPROVED BY INSPECTIONS DEPARTMENT	YES 04/14/2023
APPROVED BY HFD	YES 04/14/2023
TYPE OF LICENSE	Transient Merchant License

NOTES: In the past, Mayor & Council have authorized representatives to solicit from 10:00am until 7:00pm.

City Council () Approved () Disapproved by _____ Date <u>05-18-2023</u>



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Public Comment
Prepared by: Lia Jones
Presented by: Mayor Brown

PURPOSE: To Allow Citizens to Address Mayor and Council.

BACKGROUND: None

FUNDING: None

RECOMMENDATION: None

ATTACHMENTS:

PREVIOUS COUNCIL DISCUSSION:



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Mayor Brown's Report
Prepared by: Christy Deloach
Presented by: Mayor Brown

ACTION ITEMS:

None

INFORMATIONAL ITEMS:

None



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Councilmember Riles Report
Prepared by: Jean Marie Reynolds
Presented by: Councilmember Riles

ACTION ITEMS:

None

INFORMATIONAL ITEMS:

Monthly Crime and Citation Report



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Monthly Crime and Citation Report
Prepared by: Jean Marie Reynolds
Presented by: Lloyd Slater

PURPOSE: To discuss the Monthly Crime and Citation report for the month of April 2023

BACKGROUND: None

FUNDING: None

RECOMMENDATION: None

ATTACHMENTS:

1. Crime and Citation report 2023-04
2. MonthlyCrimes_Council_2023_04_Charts
3. MonthlyCrimes_Council_2023_04_HeatMap
4. MonthlyCrimes_Council_2023_04_PointMap

PREVIOUS COUNCIL DISCUSSION:

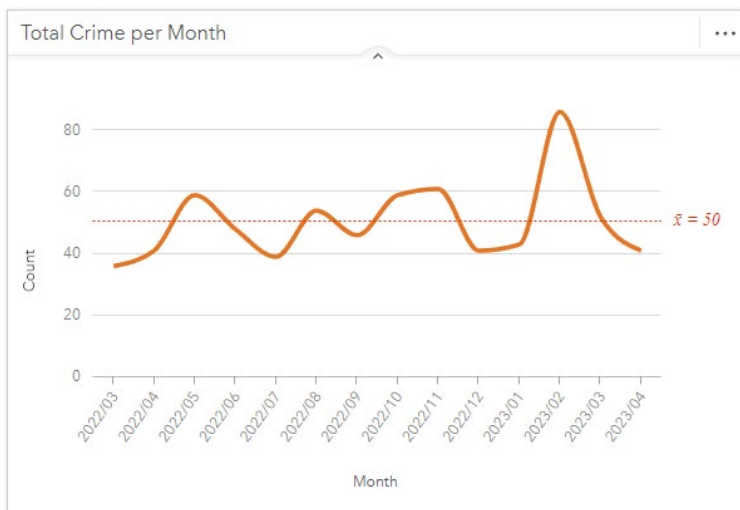
CRIME AND CITATION REPORT
April 1, 2023 - April 30, 2023

	April 2023	March 2023	Monthly % Change	April 2022	March 2022
Aggravated Assault/Assault	20	31	-35%	17	25
Auto Theft	8	5	60%	1	2
Homicide/Homicide by Vehicle	0	0	0%	0	0
Rape	2	0	100%	2	2
Robbery	3	1	200%	0	0
Burglary	4	5	-20%	12	6
Arson	0	0	0%	2	1
Entering Auto	4	10	-60%	7	7
Domestic Disputes	57	60	-5%	70	60
Juvenile Arrests	28	12	9%	14	40
Adult Arrests	184	237	-22%	190	183
Traffic	50	67	-25%	65	69
Criminal	134	170	-21%	135	114
Total Case Numbers Issued	4,532	5,131	-12%	5,092	5,507
Direct Patrols. Walk & Talks, Foot Patrols	1,664	2,020	-18%	2,066	2,003
Dispatched Calls	1,616	1,616	0%	1,584	1,547
Criminal Citations	118	132	-11%	125	149
Military	17	27	-37%	13	23
Civilian	101	105	-4%	112	126
Traffic Citations	787	935	-16%	1,018	1,337
Military	143	174	-18%	201	263
Civilian	644	761	-15%	816	1,074
Total Citations	905	1,067	-15%	1,143	1,486
Traffic Warnings	474	567	-16%	531	539
DUI	16	14	14%	14	9
Over 21	16	14	14%	14	9
Under 21	0	0	0%	0	0
Military	4	0	100%	3	2
Civilian	12	14	-14%	11	7

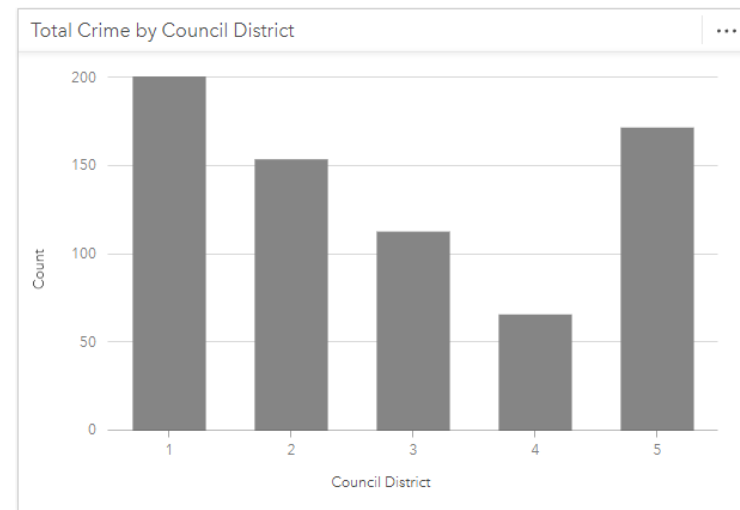
PART I CRIMES IN APRIL 2023 - BY DISTRICT

	District 1	District 2	District 3	District 4	District 5
Homicide/Homicide by vehicle	0	0	0	0	0
Rape	0	0	1	1	0
Robbery	0	1	0	0	2
Aggravated Assault/Assault	7	3	5	0	5
Burglary	0	0	2	1	1
Auto Theft	3	2		1	2
Arson	0	0	0	0	0
Entering Auto	1	0	1	0	2

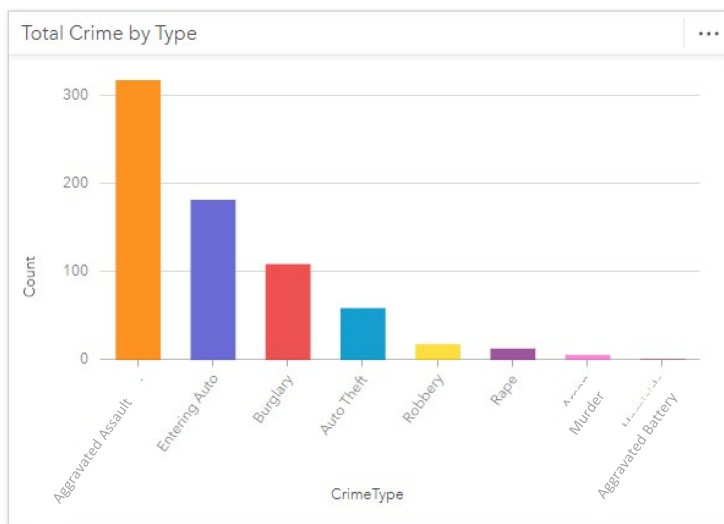
Total Crime per Month



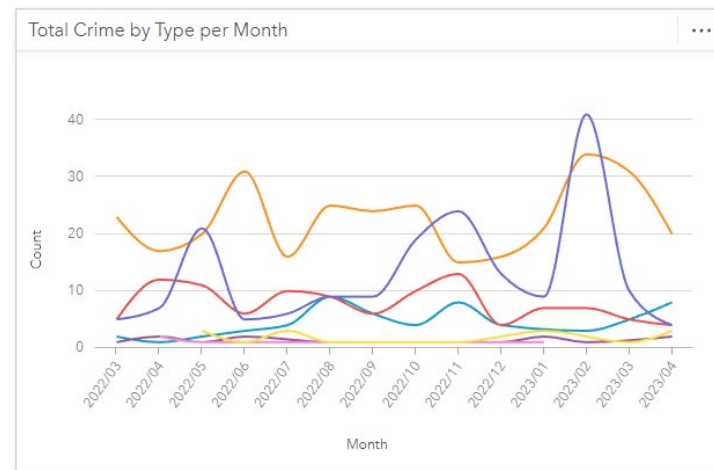
Total Crime per Council District in the last 12 months



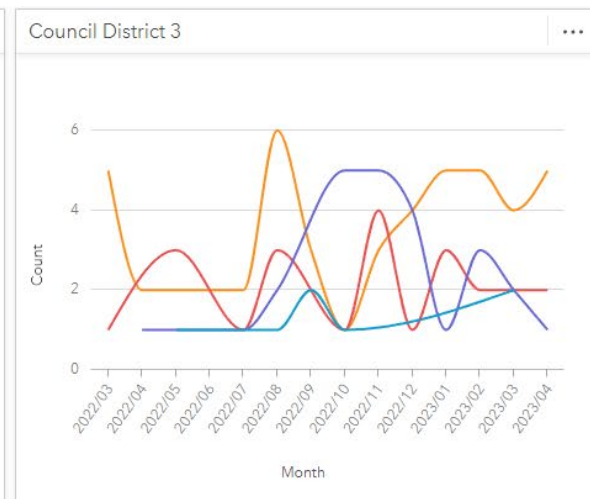
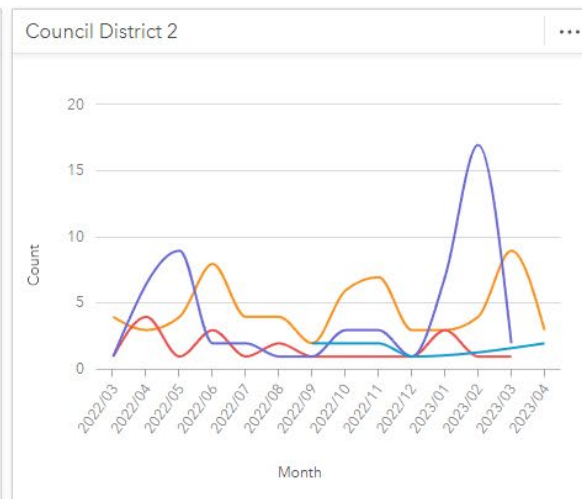
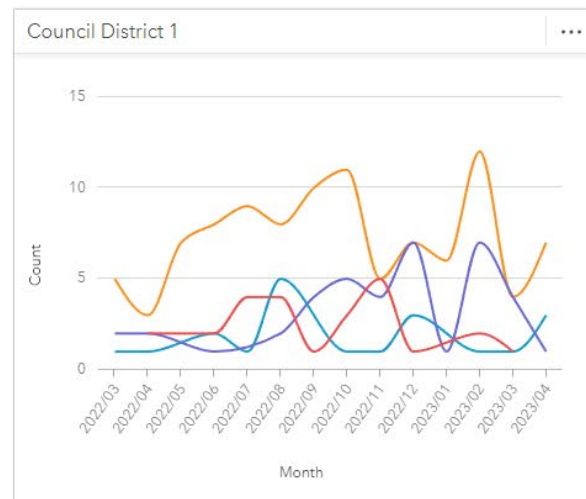
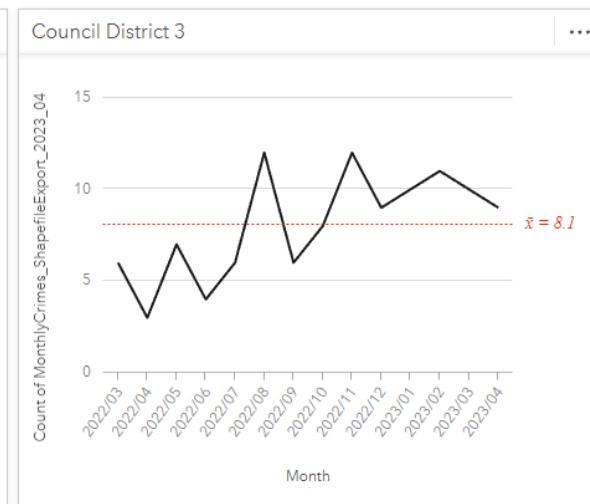
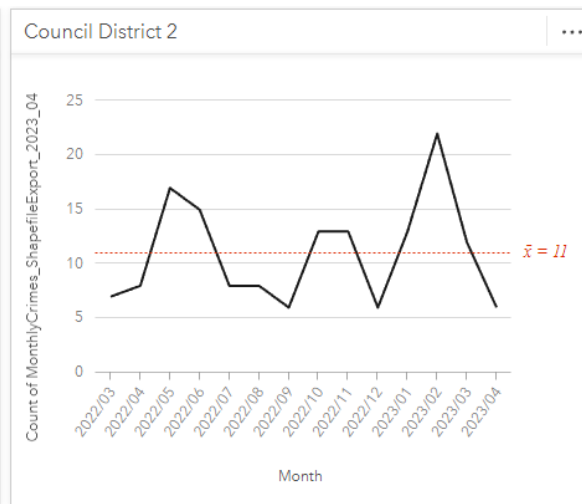
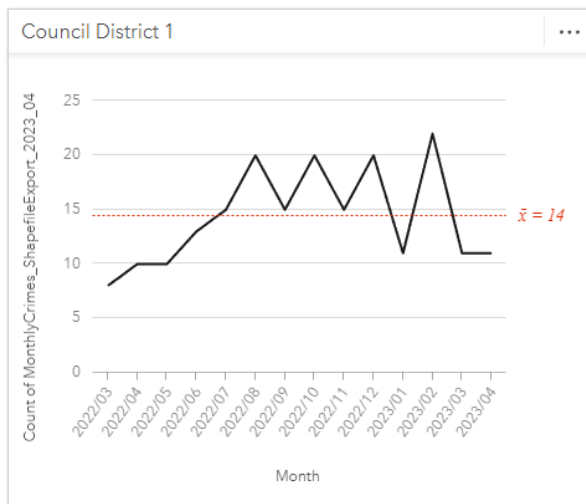
Total Crime by Type in the last 12 months



Total Crime by Type per Month



Total Crime per Council District



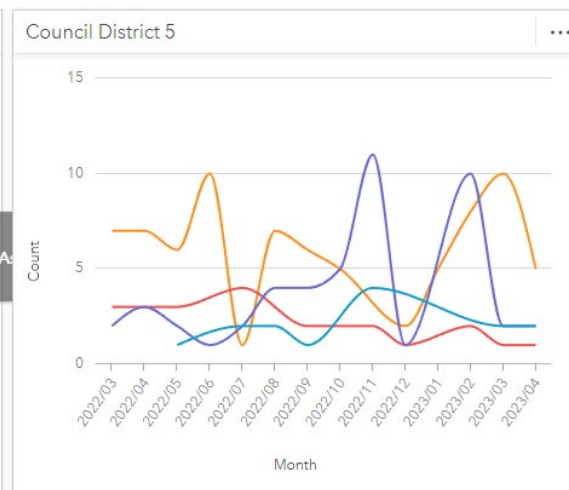
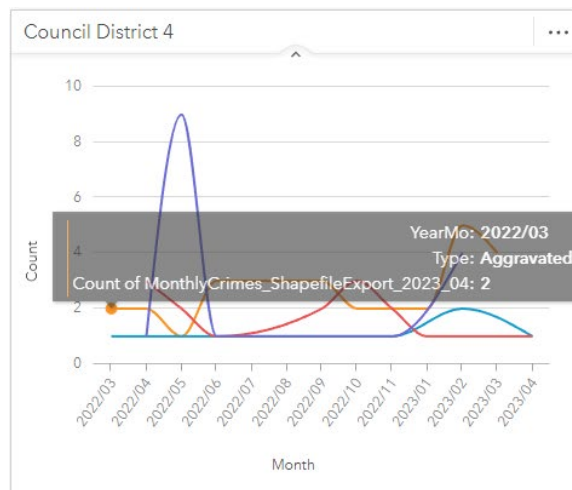
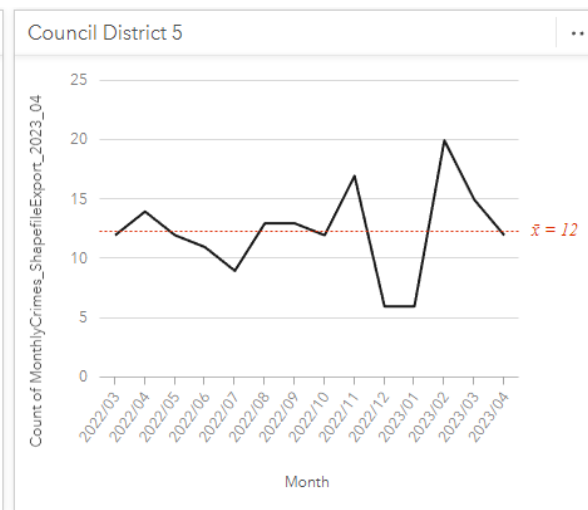
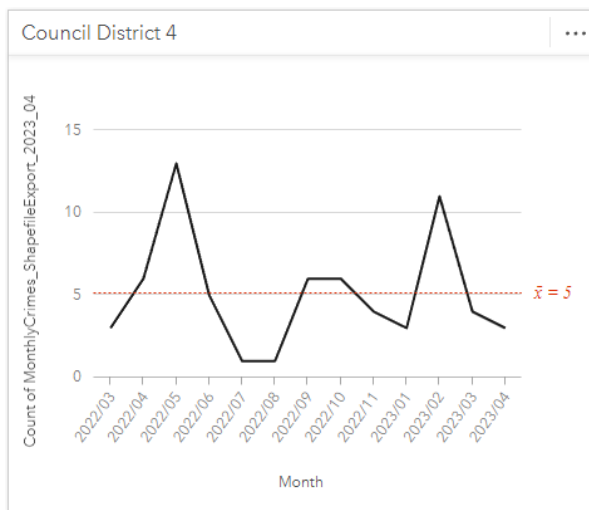
Entering Auto

Aggravated Assault

Burglary

Auto Theft

Total Crime per Council District (cont.)



Entering Auto

Aggravated Assault

Burglary

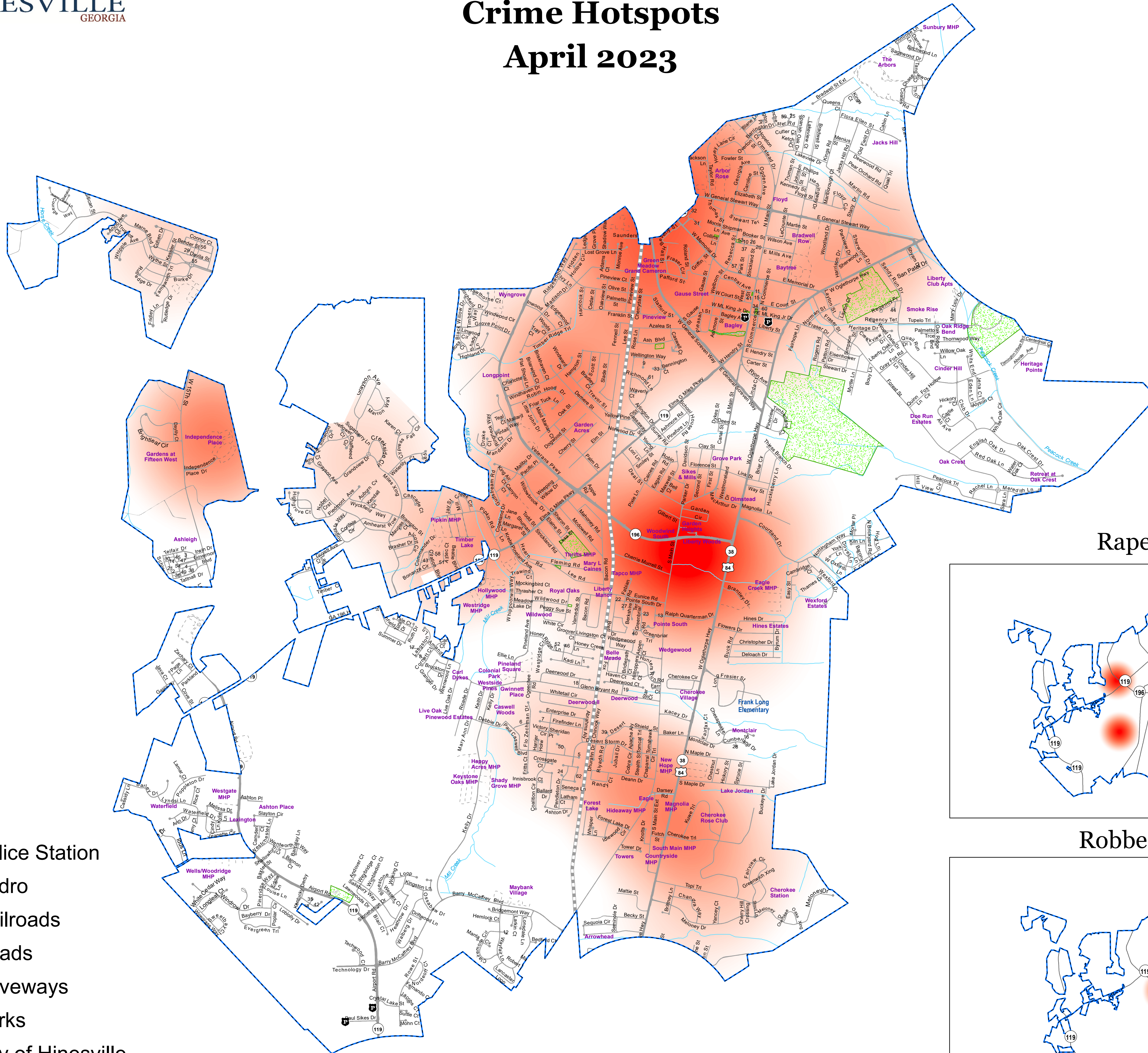
Auto Theft

City of Hinesville, GA

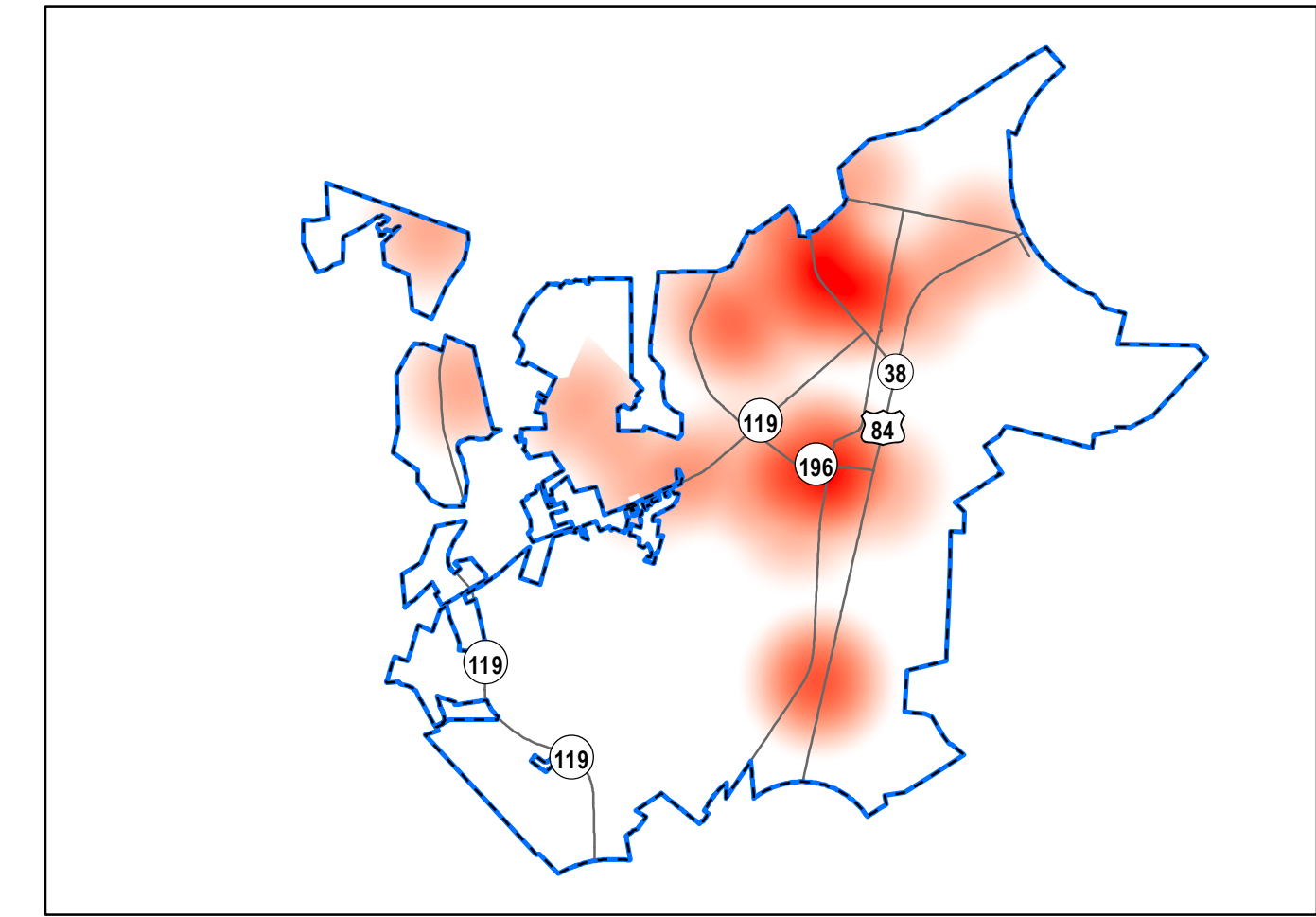
Crime Hotspots

April 2023

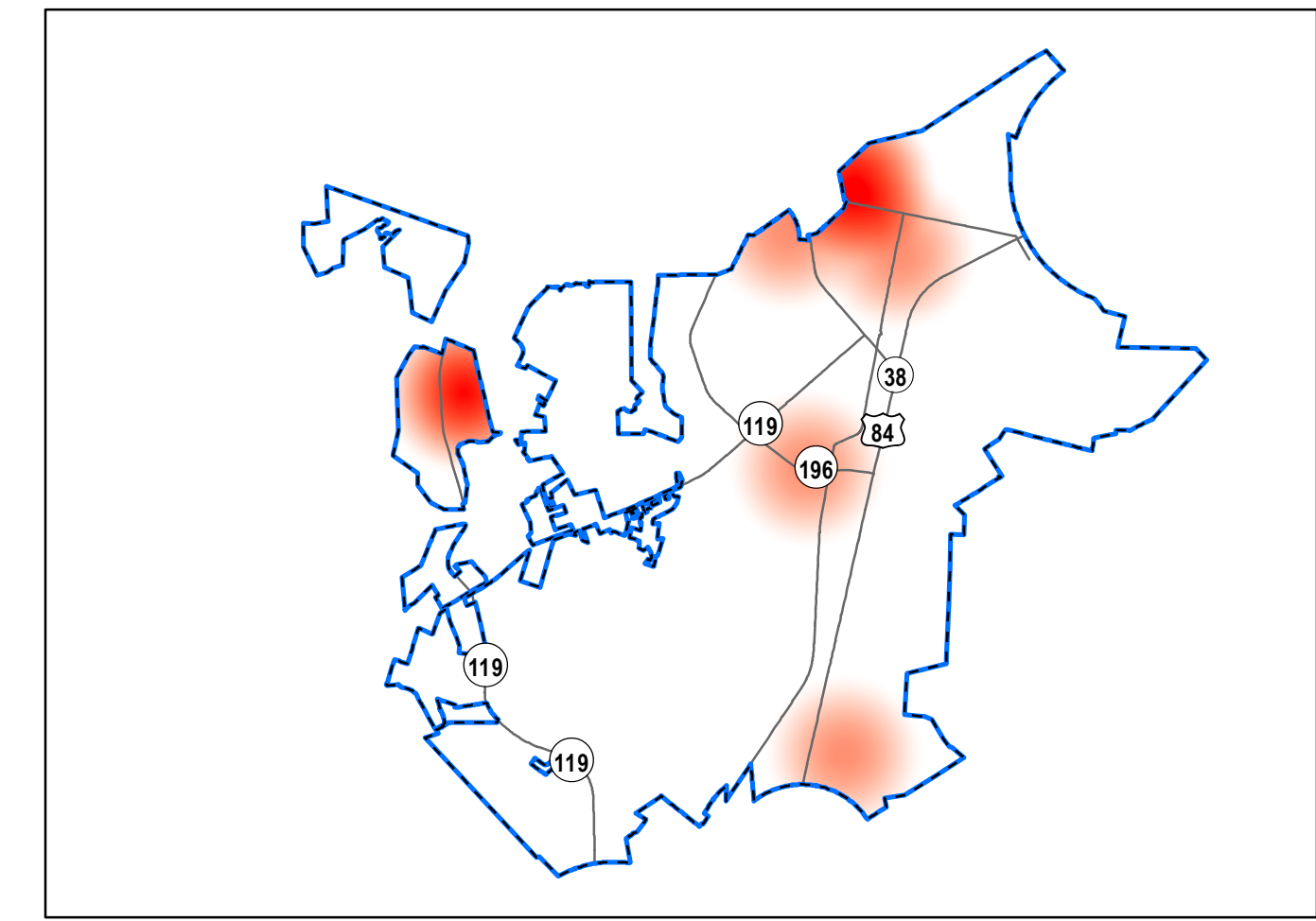
Last Updated: May 04, 2023



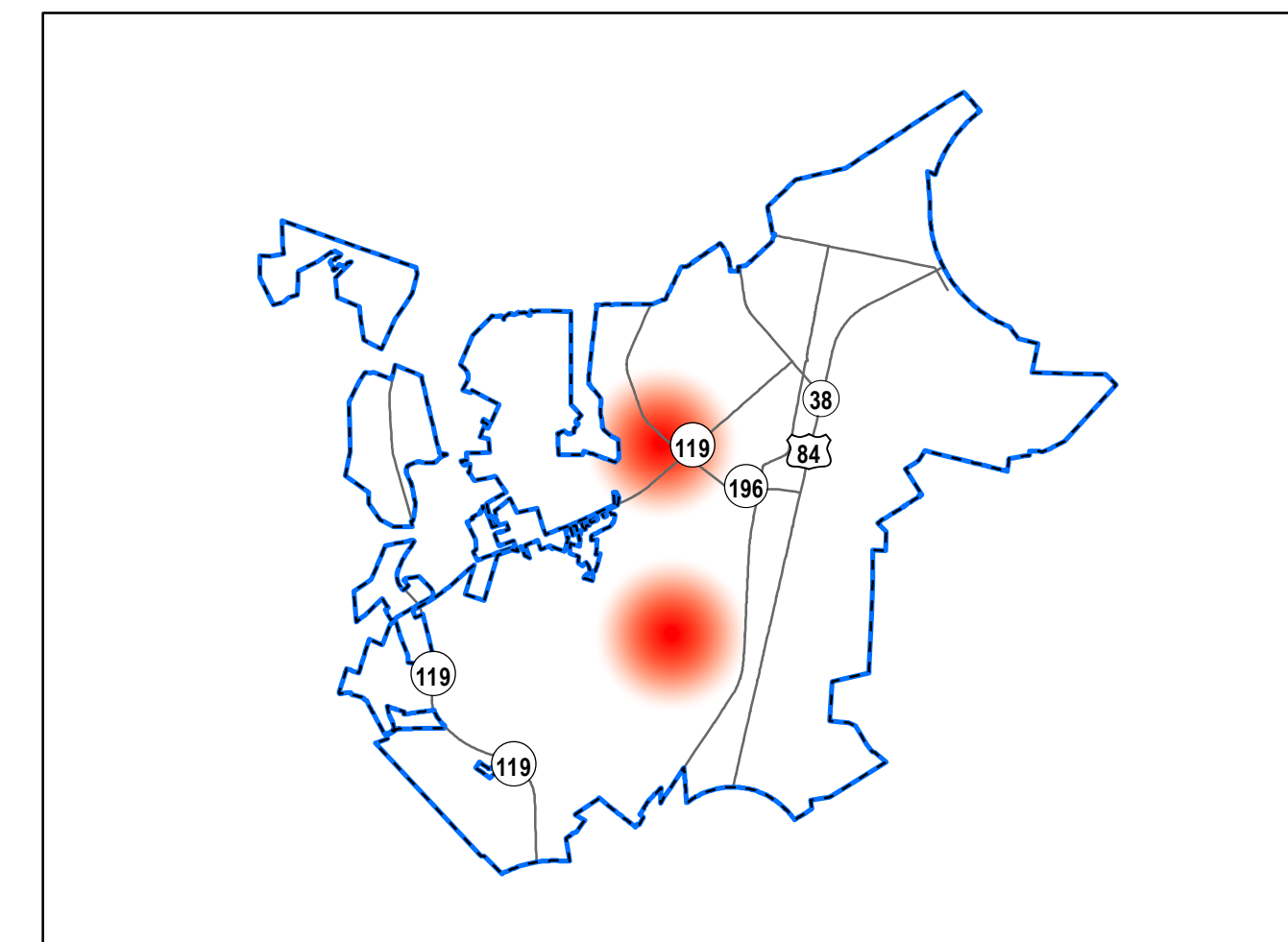
Aggravated Assault



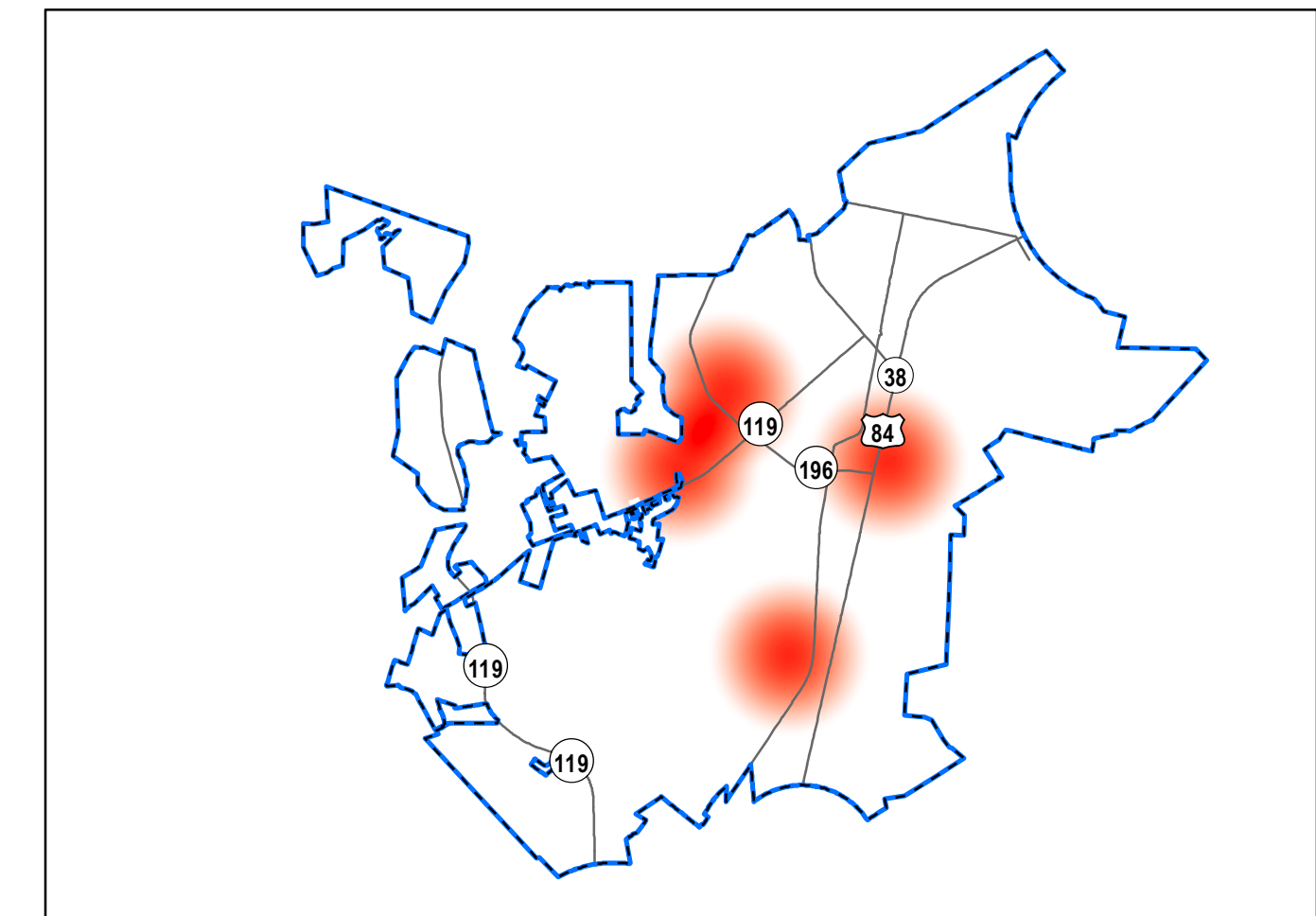
Auto Theft



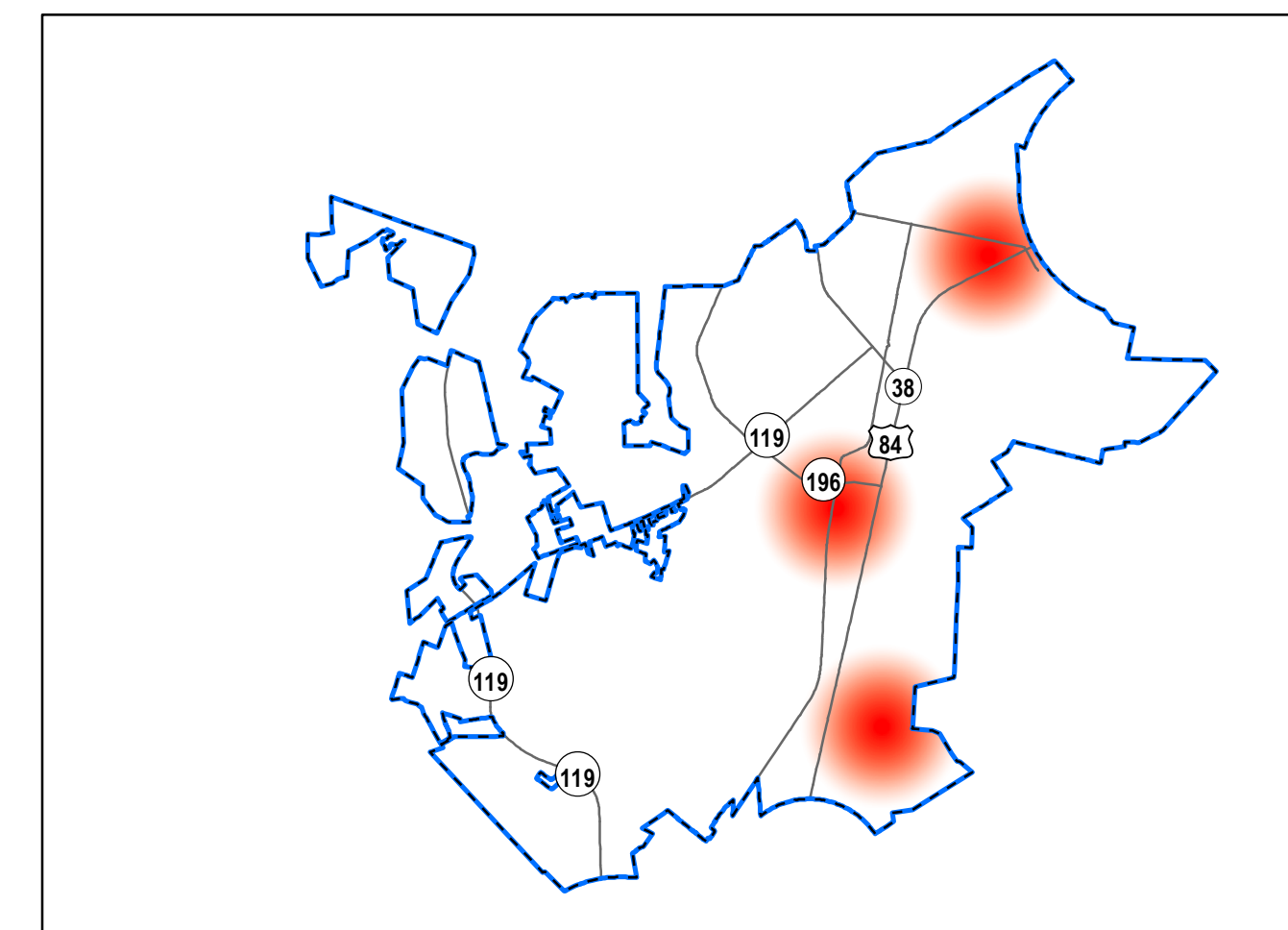
Rape



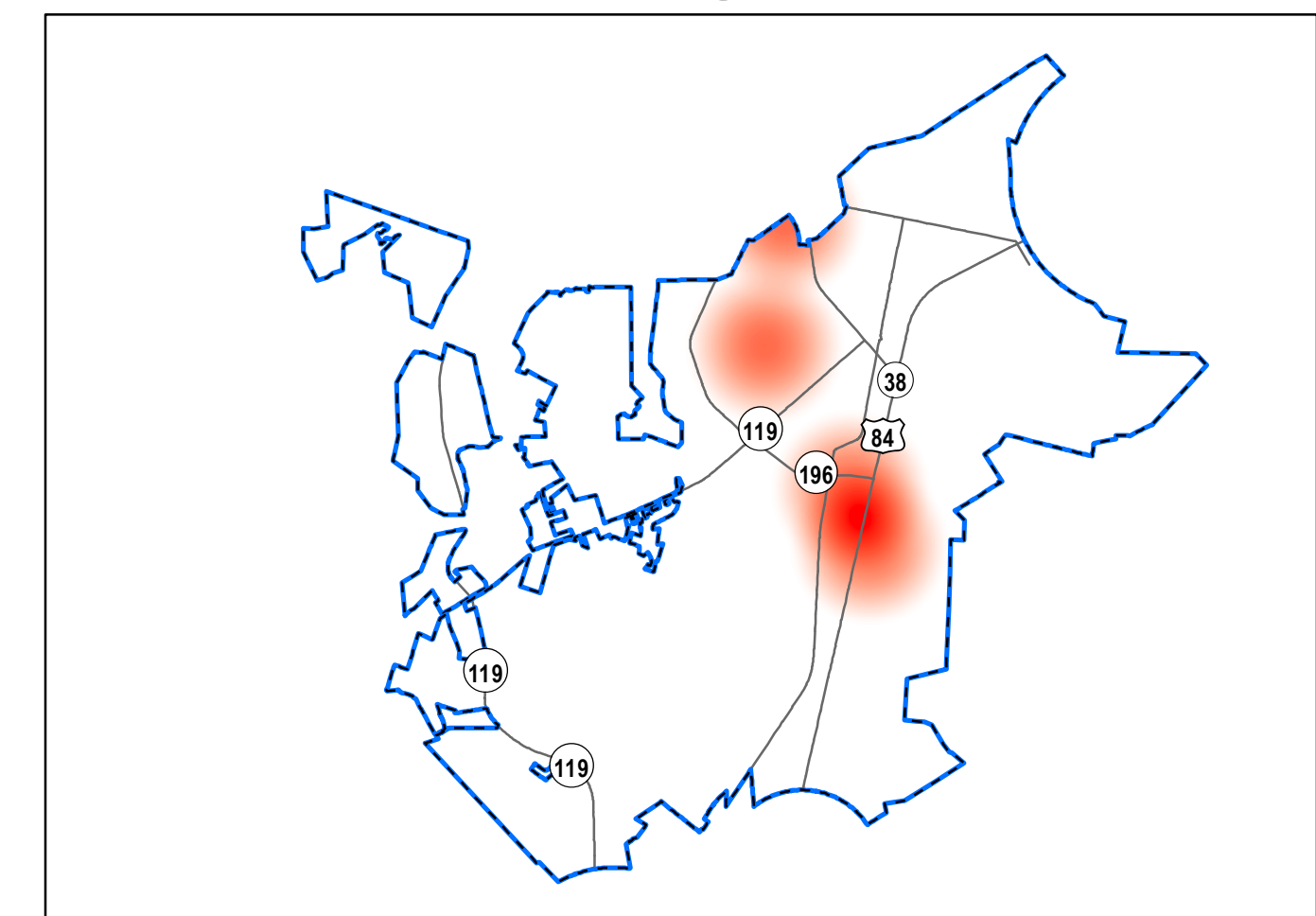
Burglary



Robbery

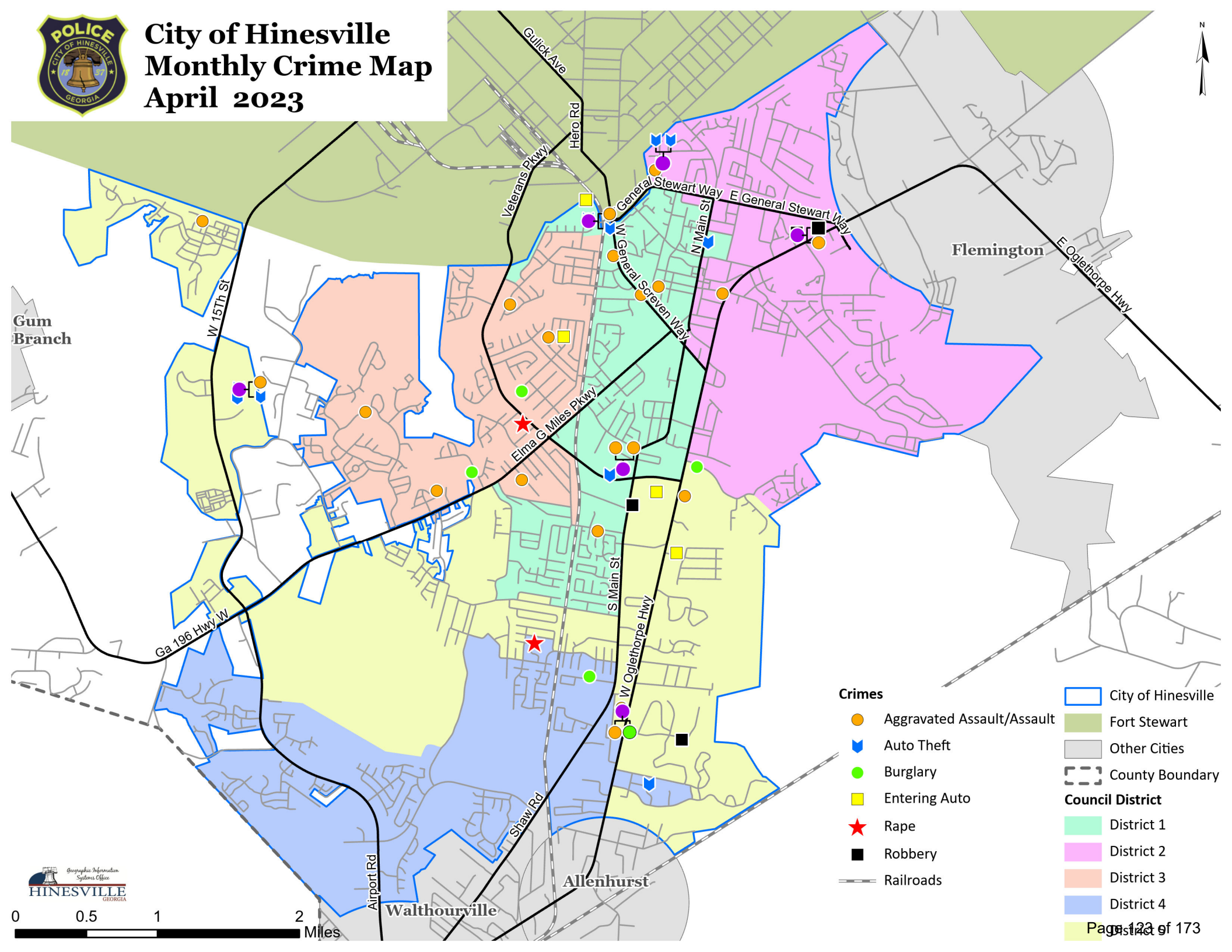


Entering Auto





City of Hinesville Monthly Crime Map April 2023



Crimes

- Aggravated Assault/Assault
- Auto Theft
- Burglary
- Entering Auto
- Rape
- Robbery
- Railroads

- City of Hinesville
- Fort Stewart
- Other Cities
- County Boundary
- Council District**
 - District 1
 - District 2
 - District 3
 - District 4



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Mayor Pro Tem Jenkins Report
Prepared by: Brittany Avery
Presented by: Mayor Pro Tem Jenkins

ACTION ITEMS:

None

INFORMATIONAL ITEMS:

Monthly Inspections Dept. Report



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Monthly Inspections Dept. Report
Prepared by: Brittany Avery
Presented by: George W. Smith, Jr. Director of Inspections

PURPOSE: To provide activities and collection of fees for the month of April 2023.

BACKGROUND: None

FUNDING: None

RECOMMENDATION: None

ATTACHMENTS:

1. April 2023 Report

PREVIOUS COUNCIL DISCUSSION:

INSPECTIONS DEPARTMENT MONTHLY REPORT
April 2023

			TOTAL ASSESSED	TOTAL FEES COLLECTED
PERMITS ISSUED			VALUE	
23	Residential	New Construction	\$ 6,696,663.00	\$ 143,869.50
14	Residential	Alteration/Addition/Repair	\$ 208,000.00	\$ 967.25
1	Commercial	New Construction	\$ 363,256.00	\$ 8,629.75
4	Commercial	Alteration/Addition/Repair	\$ 106,052.00	\$ 823.50

PERMITS COMPLETED				
9	Residential	New Construction	\$ 2,665,304.00	\$ 45,241.50
10	Residential	Alteration/Addition/Repair	\$ 112,018.00	\$ 793.25
1	Commercial	New Construction	\$ 1,448,802.00	\$ -
2	Commercial	Alteration/Addition/Repair	\$ 25,500.00	\$ 222.00

147 **Residential New Construction**
Permits Completed FY to Date

CODE ENFORCEMENT	
Complaints Received	44
Field Generated Cases	48
TOTAL NEW CASES	92

INSPECTIONS PERFORMED

722 **TOTAL INSPECTIONS**
70 *Failed Inspections*

TOTAL CLOSED CASES 66

OTHER FEES COLLECTED

INSPECTIONS DEPT

\$ 10.00 GIS Map Sales
\$ 150.00 Re-Inspection Fees

MOBILE HOMES COMPLETED

<u>REPLACEMENT UNITS</u>	<u>NEW UNITS</u>
0	0

WATER/SEWER FUND

\$ 12,650.00 Water Meter Fees
\$ 14,260.00 Water Impact Fees
\$ 62,330.00 Sewer Impact Fees
\$ 10,000.00 Infrastructure Fees
(Independence/Settlement)

**PORTION OF IMPACT FEES
OUTSIDE CITY LIMITS**

\$ 9,900.00
\$ 13,560.00
\$ 69,480.00

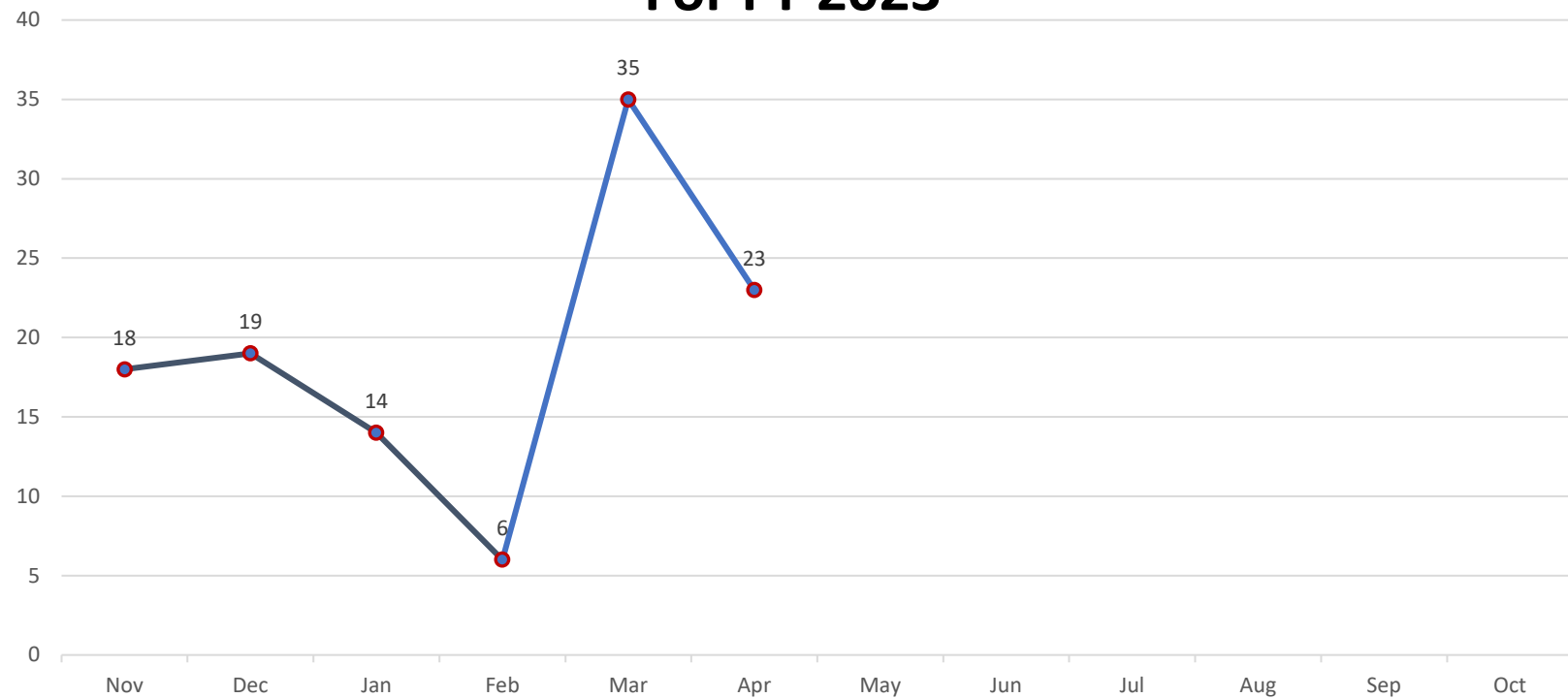
Water ERUs		Sewer ERUs	
Res.	Comm.	Res.	Comm.
23	4	23	1

CURRENT PROJECT LIST- April 2023

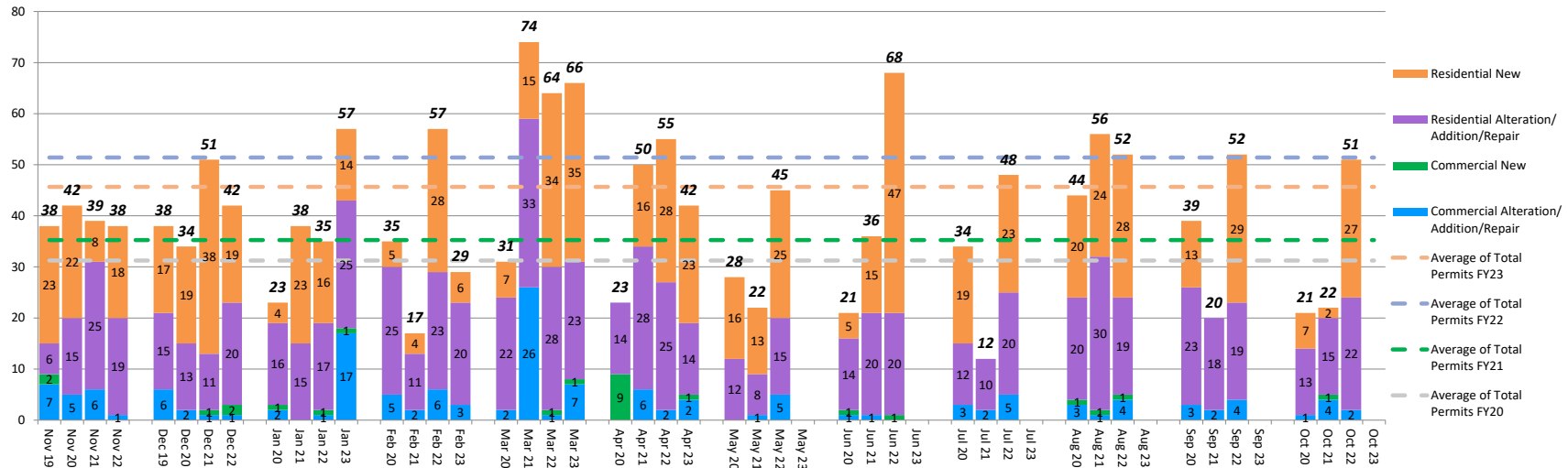
PROJECT	ADDRESS	CONTRACTOR	ASSESSED VALUE
Azalea Project	Azalea St./ Ash Blvd.	Apex Home/James Rim	\$ 882,827
Ashton Place Remodel	634 Airport Rd	TISHCO Construction	\$ 1,078,995
BP Gas Station	1111 W Oglethorpe Hwy	DeWitt-Tilton Group	\$ 708,146
CGSG Hinesville Storage	324 Fraser Cir	Horizon Commercial Roofing	\$ 397,698
Cherokee Station Ph.2	Fairview Cir.	Dryden Enterprises	\$ 877,510
Cherokee Station Ph.3A	Meloney/Stout/Cherokee Oaks Xing	Dryden Enterprises	\$ 938,113
Cherokee Station Ph.3B	Meloney Dr.	Dryden Enterprises	\$ 5,471,491
Chick-Fil-A Drive Thru Modifications	877 W Oglethorpe Hwy	Emjack, Inc.	\$ 54,752
Diversity Health Clinic	301 A&B, 303 Fraser Dr.	Pioneer Construction	\$ 619,658
Gardens at 15W Ph.2	Brightleaf Cir.	RTS Homes	\$ 3,091,122
Griffin Park Extension, Ph 3A	Grayson Ave.	Dryden Enterprises	\$ 9,300,115
Hinesville Business Incubator	220 W Washington Ave	Dabbs Williams	\$ 962,734
Hinesville Day Care	969 W Oglethorpe Hwy	Freddie Young	\$ 174,062
Hinesville Fire Station	308 S Commerce St	Lavender & Associates	\$ 2,836,846
Home2 Suites	749 E Oglethorpe Hwy.	Vivid Construction	\$ 6,091,264
Hwy 55 Burgers, Shakes & Fries	708 W Oglethorpe Hwy	IB Builders, Inc.	\$ 363,256
Jet Food Stores & Marathon Gas Station	200 W Oglethorpe Hwy	SD Clifton & Meco of Augusta	\$ 1,155,775
Liberty County Pre-K Center	206 Bradwell St	Johnson Laux Constr.	\$ 1,448,802
Mill Creek Phase 1	Mill Creek Cir.	Transcend Custom Homes	\$ 7,594,704
Modwash Car Wash	754 Veterans Pkwy	Berry Hutton Construction	\$ 528,671
Mt. Carmel Church	454 S Main St	RM Ray Developers	\$ 189,190
Olmstead Apartments	905 Olmstead dr.	Overholt Construction	\$ 1,128,700
Palm Tree Apartments, Bldgs 1 & 2	1474 Kelly Dr., Bldgs 1 & 2	Freddie Young	\$ 3,378,136
Pointe at Villages on Marne	Battalion Ln, Joann Lewis Ln, Courage Way, Marne Blvd	RTS Homes	\$ 7,351,136
Powerhouse Gym Build Out	319 W General Screven Way D1	RM Ray Developers	\$ 78,426
Taylors Creek Elementary	378 Airport Rd	Dabbs Williams	\$ 3,160,000
Waldo Pafford Elementary	2550 W 15th St	Lavender & Associates	\$ 3,172,000
TOTAL			\$ 63,034,129



Residential New Construction For FY 2023



Permits Issued Each Month FY 2020 to Present



Totals

	Total # of Permits	Residential New Construction	Residential Alteration/Addition/Repair	Commercial New Construction	Commercial Alteration/Addition/Repair
FY 2020	375	136	192	14	33
FY 2021	423	153	216	2	52
FY 2022	617	331	244	5	37
FY 2023	255	115	121	5	33

Averages

	Average # of Permits	Residential New Construction	Residential Alteration/Addition/Repair	Commercial New Construction	Commercial Alteration/Addition/Repair
FY 2020	31	11	16	1	3
FY 2021	35	13	18	0	4
FY 2022	51	28	20	0	3
FY 2023	46	19	20	1	6

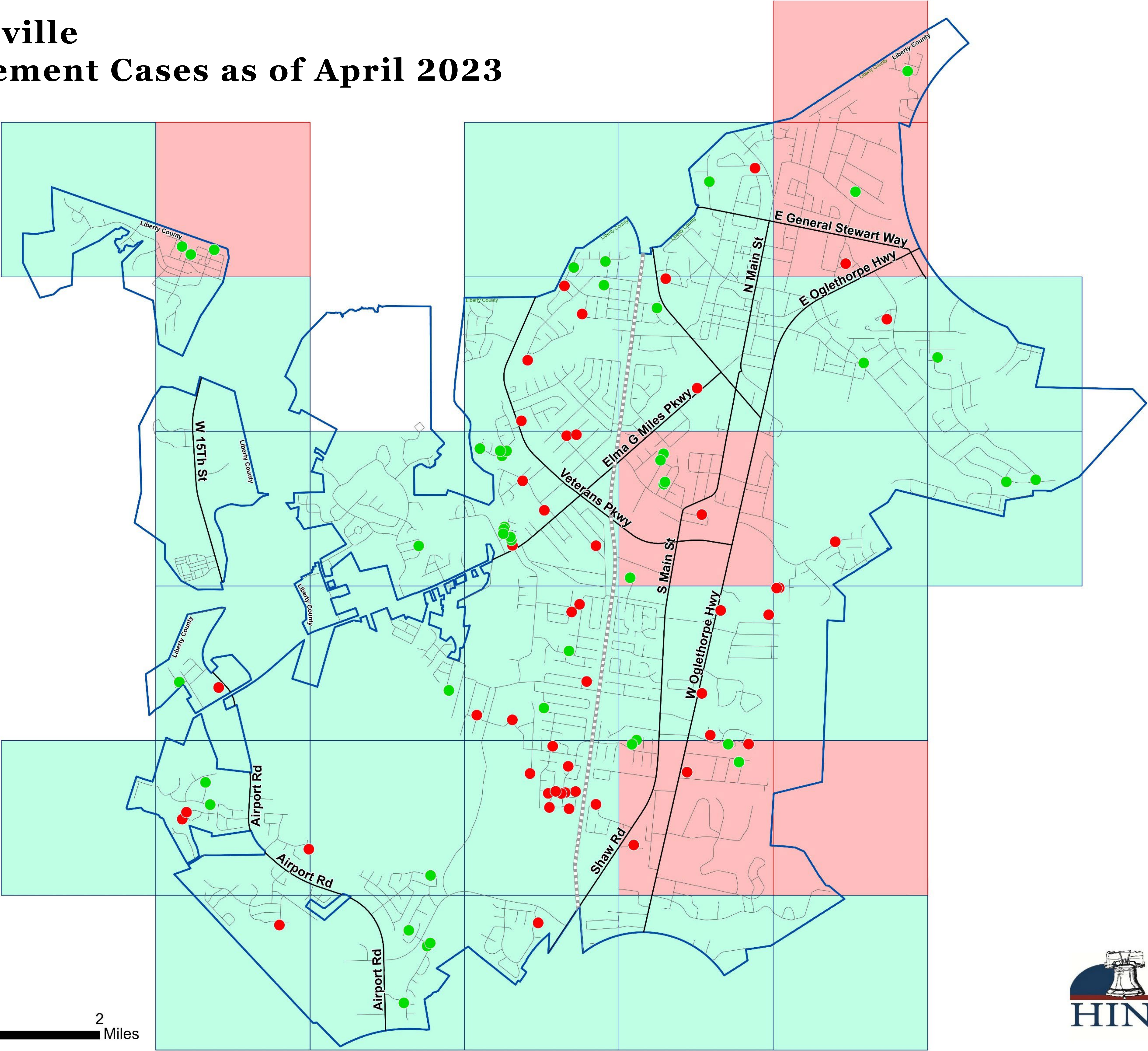
City of Hinesville

Code Enforcement Cases as of April 2023

Last Updated: 5/2/2023



- Complaint Cases
- Field Generated Cases
- Grids Completed FY23
- Other Grids
- Grids In Progress



INSPECTIONS DEPARTMENT PERIODIC REPORT SUMMARY OF PERMITS ISSUED

Previous Month April 1, 2023 to April 30, 2023					Fiscal Year to Date November 1, 2022 to April 30, 2023					(Previous) Fiscal Year to Date November 1, 2021 to April 30, 2022				
Permit Type	Code	# of Permits	Assessed Value	Total Fees Collected	Permit Type	Code	# of Permits	Assessed Value	Total Fees Collected	Permit Type	Code	# of Permits	Assessed Value	Total Fees Collected
Single Family (Detached)	101	23	\$ 6,696,663	\$ 143,870	Single Family (Detached)	101	115	\$ 28,921,795	\$ 666,601	Single Family (Detached)	101	152	\$ 17,332,270	\$ 854,571
Single Family (Attached)	102	0	\$ -	\$ -	Single Family (Attached)	102	0	\$ -	\$ -	Single Family (Attached)	102	0	\$ -	\$ -
Two-Family Building	103	0	\$ -	\$ -	Two-Family Building	103	0	\$ -	\$ -	Two-Family Building	103	0	\$ -	\$ -
3 & 4 Fam. Building (Apts)	104	0	\$ -	\$ -	3 & 4 Fam. Building (Apts)	104	0	\$ -	\$ -	3 & 4 Fam. Building (Apts)	104	0	\$ -	\$ -
5+ Fam Building (Apts)	105	0	\$ -	\$ -	5+ Fam Building (Apts)	105	0	\$ -	\$ -	5+ Fam Building (Apts)	105	2	\$ 1,690,758	\$ 101,751
3 & 4 Fam. Building (Condos)	106	0	\$ -	\$ -	3 & 4 Fam. Building (Condos)	106	0	\$ -	\$ -	3 & 4 Fam. Building (Condos)	106	0	\$ -	\$ -
5+ Fam. Building (Condos)	107	0	\$ -	\$ -	5+ Fam. Building (Condos)	107	0	\$ -	\$ -	5+ Fam. Building (Condos)	107	0	\$ -	\$ -
Manu. Home (New Locate)	111	0	\$ -	\$ -	Manu. Home (New Locate)	111	1	\$ 53,599	\$ 75	Manu. Home (New Locate)	111	0	\$ -	\$ -
Manu. Home (Replacement)	112	0	\$ -	\$ -	Manu. Home (Replacement)	112	4	\$ 161,358	\$ 300	Manu. Home (Replacement)	112	5	\$ 58,052	\$ 375
Driveway/Open Ditch Encl.	113	1	\$ 2,500	\$ 30	Driveway/Open Ditch Encl.	113	13	\$ 174,300	\$ 623	Driveway/Open Ditch Encl.	113	26	\$ 70,760	\$ 780
Well Drilling Permit	116	1	\$ 1,200	\$ 35	Well Drilling Permit	116	1	\$ 1,200	\$ 35	Well Drilling Permit	116	2	\$ 3,500	\$ 70
Electrical Permit	120	33	\$ 513,580	\$ 1,881	Electrical Permit	120	174	\$ 2,987,050	\$ 11,623	Electrical Permit	120	148	\$ 1,747,446	\$ 9,060
Plumbing Permit	121	9	\$ 75,950	\$ 655	Plumbing Permit	121	72	\$ 529,965	\$ 6,625	Plumbing Permit	121	50	\$ 496,227	\$ 3,905
Mechanical Permit	122	10	\$ 179,918	\$ 873	Mechanical Permit	122	53	\$ 839,416	\$ 4,059	Mechanical Permit	122	60	\$ 1,009,003	\$ 5,010
Gas Permit	123	1	\$ 7,500	\$ 61	Gas Permit	123	1	\$ 7,500	\$ 61	Gas Permit	123	4	\$ 77,000	\$ 156
Hotel or Motel	213	0	\$ -	\$ -	Hotel or Motel	213	0	\$ -	\$ -	Hotel or Motel	213	0	\$ -	\$ -
Amusement/Recreation	318	0	\$ -	\$ -	Amusement/Recreation	318	0	\$ -	\$ -	Amusement/Recreation	318	0	\$ -	\$ -
Church/Religious Building	319	0	\$ -	\$ -	Church/Religious Building	319	0	\$ -	\$ -	Church/Religious Building	319	1	\$ 147,375	\$ 916
Industrial Building	320	0	\$ -	\$ -	Industrial Building	320	0	\$ -	\$ -	Industrial Building	320	0	\$ -	\$ -
Parking Garage	321	0	\$ -	\$ -	Parking Garage	321	0	\$ -	\$ -	Parking Garage	321	0	\$ -	\$ -
Serve Station/Repair Garage	322	0	\$ -	\$ -	Serve Station/Repair Garage	322	0	\$ -	\$ -	Serve Station/Repair Garage	322	0	\$ -	\$ -
Hospital/Institution	323	0	\$ -	\$ -	Hospital/Institution	323	0	\$ -	\$ -	Hospital/Institution	323	0	\$ -	\$ -
Office, Bank/Professional Bldg.	324	0	\$ -	\$ -	Office, Bank/Professional Bldg.	324	0	\$ -	\$ -	Office, Bank/Professional Bldg.	324	0	\$ -	\$ -
Public Works/Utilities	325	0	\$ -	\$ -	Public Works/Utilities	325	0	\$ -	\$ -	Public Works/Utilities	325	0	\$ -	\$ -
School/Educational Bldg.	326	0	\$ -	\$ -	School/Educational Bldg.	326	0	\$ -	\$ -	School/Educational Bldg.	326	0	\$ -	\$ -
Store/Mercantile Building	327	1	\$ 363,256	\$ 8,630	Store/Mercantile Building	327	5	\$ 1,743,573	\$ 106,173	Store/Mercantile Building	327	2	\$ 1,362,504	\$ 13,463
Other Non-Residential Bldg.	328	6	\$ 28,414	\$ 253	Other Non-Residential Bldg.	328	47	\$ 607,861	\$ 5,708	Other Non-Residential Bldg.	328	40	\$ 453,900	\$ 4,729
Structures other than Bldg.	329	36	\$ 709,189	\$ 5,138	Structures other than Bldg.	329	158	\$ 3,601,056	\$ 25,125	Structures other than Bldg.	329	86	\$ 2,113,016	\$ 15,556
Sign	330	6	\$ 10,670	\$ 175	Sign	330	36	\$ 132,201	\$ 8,725	Sign	330	19	\$ 121,109	\$ 800
Add/Alter/Repair Res. Bldg.	434	14	\$ 208,000	\$ 967	Add/Alter/Repair Res. Bldg.	434	121	\$ 1,258,405	\$ 6,213	Add/Alter/Repair Res. Bldg.	434	129	\$ 1,492,585	\$ 7,848
Add/Alter/Repair Non-Res. Bldg.	437	4	\$ 106,052	\$ 824	Add/Alter/Repair Non-Res. Bldg.	437	37	\$ 4,356,889	\$ 15,216	Add/Alter/Repair Non-Res. Bldg.	437	17	\$ 1,847,887	\$ 13,073
Residential Garage/Carport	438	0	\$ -	\$ -	Residential Garage/Carport	438	0	\$ -	\$ -	Residential Garage/Carport	438	0	\$ -	\$ -
Demolition	450	2	\$ -	\$ 100	Demolition	450	12	\$ -	\$ 600	Demolition	450	4	\$ -	\$ 200
Move House/Structure/Bldg.	475	0	\$ -	\$ -	Move House/Structure/Bldg.	475	0	\$ -	\$ -	Move House/Structure/Bldg.	475	1	\$ 12,000	\$ 50
Sprinkler System, Bldg. Only	501	0	\$ -	\$ -	Sprinkler System, Bldg. Only	501	3	\$ 84,575	\$ 648	Sprinkler System, Bldg. Only	501	0	\$ -	\$ -
TOTAL		147	\$ 8,902,892	\$ 163,490	TOTAL		853	\$ 45,460,743	\$ 858,408	TOTAL		748	\$ 30,035,392	\$ 1,032,312

* Total Fees Collected include base permit fee, impact fee, and plan review fee. The table below indicates plan review fees collected, which is included in the total above.

Previous Month April 1, 2023 to April 30, 2023			Fiscal Year to Date November 1, 2022 to April 30, 2023			(Previous) Fiscal Year to Date November 1, 2021 to April 30, 2022		
Plan Review Fees Collected		\$ 3,292.50	Plan Review Fees Collected		\$ 26,127.25	Plan Review Fees Collected		\$ 29,857.00



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Councilmember Nelson's Report
Prepared by: Wendy Bruce Sochia
Presented by: Councilmember Nelson

ACTION ITEMS:

None

INFORMATIONAL ITEMS:

Monthly HFD Report



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Monthly HFD Report
Prepared by: Wendy Bruce Sochia
Presented by: Robert Kitchings

PURPOSE: To Present for Mayor and Council Consideration, HFD Monthly Report - April 2023

BACKGROUND: HFD Monthly Report - April 2023

FUNDING: None

RECOMMENDATION: None

ATTACHMENTS:

1. HFD Monthly Report - April 2023

PREVIOUS COUNCIL DISCUSSION:

Hinesville Fire Department Incident Activity Report

Period	Hinesville City Limits	Flemington City Limits	Liberty County	Midway City Limits	Richmond Hill	Jesup	Glennville	Sta 1 Totals	Hinesville City Limits	Walthourville City Limits	Alenhurst City Limits	Gumbranch City Limits	Riceboro City Limits	Liberty County	Long County	Sta 2 Totals	Totals
November 1-30, 2022	290	9															299
December 1-31, 2022	260	12															272
January 1-31, 2023	294	13															307
February 1-28, 2023	254	11															265
March 1-31, 2023	267	13															280
April 1-30, 2023	247	11															258
May 1-31, 2023																	0
June 1-30, 2023																	0
July 1-31, 2023																	0
August 1-21, 2023																	0
September 1-30, 2023																	0
October 1-31, 2023																	0
Totals	1612	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1681

Non Incident Activity Report

Period	Burn Permits	Car Seats	Smoke Detectors	Public Education	Swimming Pool Filled	CPR	First Response	BP Checks	Station Tour	Fire Safety House	Safety Talk	Totals
November 1-30, 2022	26	-	2	389	-	-	-	-	-	-	-	417
December 1-30, 2022	32	5	5	471	-	-	-	-	-	-	-	513
January 1-31, 2023	33	5	1	87	1	-	30	-	-	-	-	157
February 1-28, 2023	25	2	2	335	-	-	-	-	-	-	-	364
March 1-31, 2023	28	8	-	1379	4	-	-	-	2	-	-	1421
April 1-30, 2023	28	3	1	1091	3	-	-	-	2	-	-	1128
May 1-31, 2023												0
June 1-30, 2023												0
July 1-31, 2023												0
August 1-31, 2023												0
September 1-30, 2023												0
October 1-31, 2023												0
Totals	172	23	11	3752	8	0	30	0	4	0	0	4000

Custom ▾

Apr 1, 2023 - Apr 30, 2023 ▾

38%

FIRE

Percentage of Total Incidents

62%

EMS

Percentage of Total Incidents

247

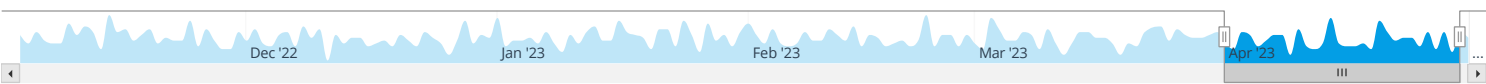
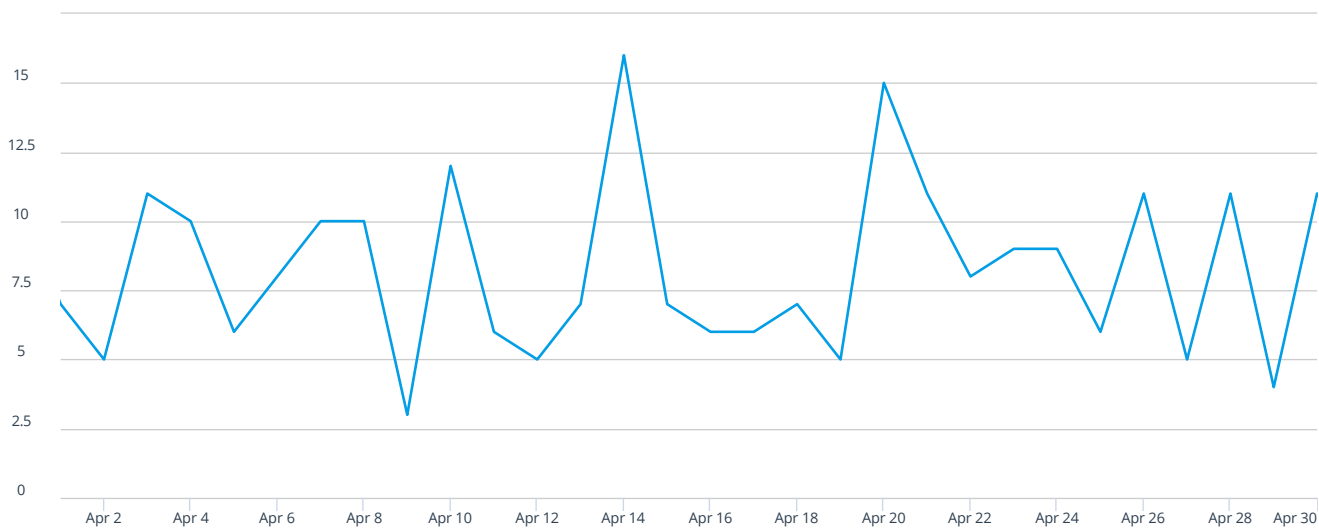
INCIDENTS

In Selected Time Slice

30

DAYS

In Selected Time Slice



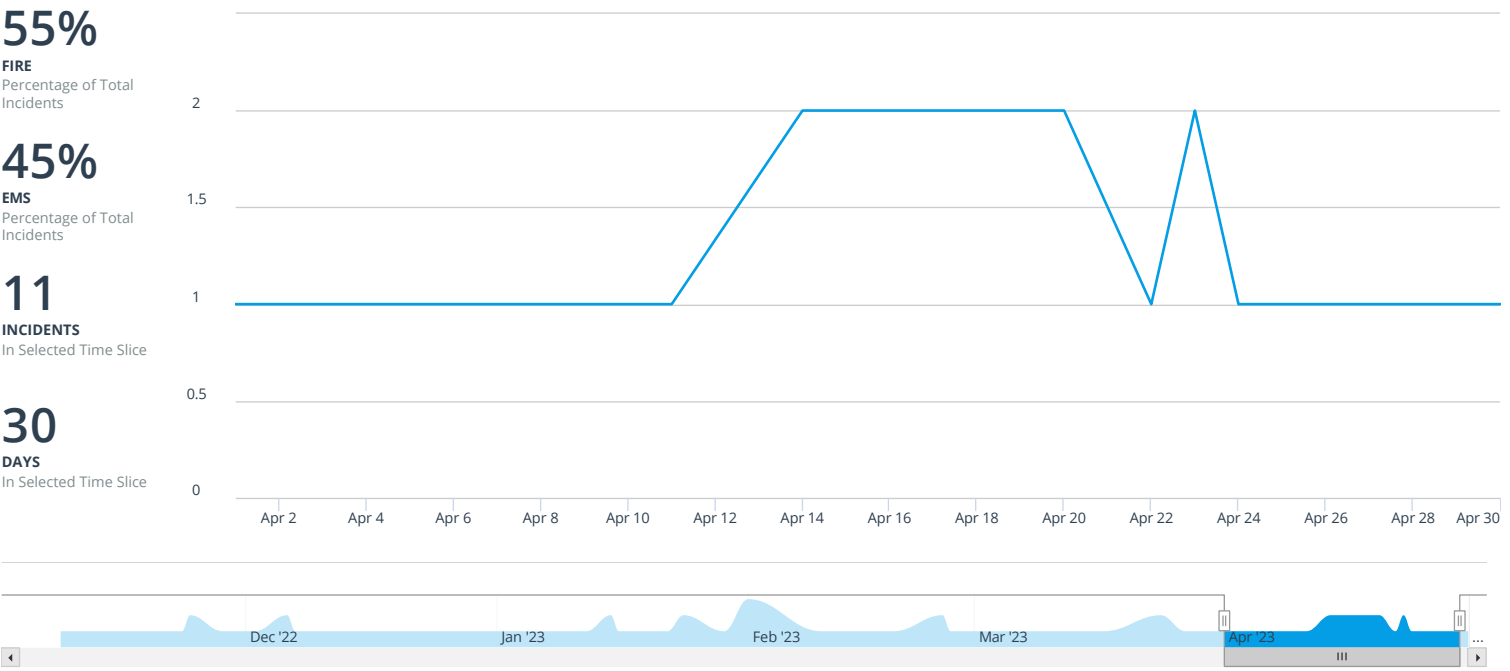
Counts % Rows % Columns % All

Week Ending	4/2/23	4/9/23	4/16/23	4/23/23	4/30/23	5/7/23	5/14/23	5/21/23	5/28/23	6/4/23	6/11/23	6/18/23	6/25/23	Total
(11) Structure Fire		1												1
(13) Mobile property (vehicle) fire			1											1
(14) Natural vegetation fire				1	1									2
(15) Outside rubbish fire		1		1										2
(25) Excessive heat, scorch burns with no ignition			1											1
(31) Medical assist	7	26	27	29	31									120
(32) Emergency medical service (EMS) incident	1	5	10	12	5									33
(34) Search for lost person	1			1										2
(35) Extrication, rescue		1			2									3
(41) Combustible/f... spills & leaks		1	2	1										4
(42) Chemical release, reaction, or toxic condition		1												1
(44) Electrical wiring/equipm.. problem			2	1	2									5
(51) Person in distress			1											1
(55) Public service assistance		1												1
(61) Dispatched and canceled en route		5	9	10	3									27

Week Ending	4/2/23	4/9/23	4/16/23	4/23/23	4/30/23	5/7/23	5/14/23	5/21/23	5/28/23	6/4/23	6/11/23	6/18/23	6/25/23	Total
(62) Wrong location, no emergency found		1	1	2	4									8
(67) HazMat release investigation w/no HazMat					1									1
(71) Malicious, mischievous false alarm					1									1
(73) System or detector malfunction	1	2	2	2	2									9
(74) Unintentional system/detect... operation (no fire)	2	13	3	1	5									24
Total	12	58	59	61	57									247

Custom ▾

Apr 1, 2023 - Apr 30, 2023 ▾



Counts

% Rows

% Columns

% All

Week Ending	4/2/23	4/9/23	4/16/23	4/23/23	4/30/23	5/7/23	5/14/23	5/21/23	5/28/23	6/4/23	6/11/23	6/18/23	6/25/23	Total
(31) Medical assist				1	2									3
(32) Emergency medical service (EMS) incident			1	1										2
(61) Dispatched and canceled en route				2										2
(62) Wrong location, no emergency found				1										1
(74) Unintentional system/detect... operation (no fire)		1	2											3
Total		1	3	5	2									11

City of Hinesville

Hinesville Fire Department

Dollar Value Saved and Loss

Period	# of Fires	Total Values	Total Losses	Total Saved	Total % Losses	Total % Saved
November 1-30, 2022	1	26,590	19,943	6,648	75.00%	25.00%
December 1-31, 2022	2	322,019	1,255	320,764	0.39%	99.61%
January 1-31, 2023	1	111,980	44,239	67,741	39.51%	60.49%
February 1-28, 2023	1	203,758	1,227	202,531	0.60%	99.40%
March 1-31, 2023	4	487,926	65,077	422,849	13.34%	86.66%
April 1-30, 2023	-	-	-	-	-	-
May 1-31, 2023						
June 1-30, 2023						
July 1-31, 2023						
August 1-31, 2023						
September 1-30, 2023						
October 1-31, 2023						
Fiscal Year 2022 YTD	9	\$ 1,152,273	\$ 131,740	\$ 1,020,533	11.43%	88.57%

Hinesville Fire Department

Monthly Inspection Report

Period	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
30 Day Re-Inspection	-	-	-	-	-	-	-					
80 Percent Inspection	-	-	-	1	-	-						
Above Grid Inspection	1	5	2	-	3	-						
Annual Inspection	11	6	2	3	44	18						
Business License	7	14	20	12	10	14						
Commercial Burn Inspection	-	-	-	-	-	-						
Compaint	3	10	4	9	13	7						
Consultation	1	1	1	1	2	8						
Courtesy Walk Through	4	10	8	7	7	8						
Final	8	3	2	-	7	7						
Fireworks Display Inspection	-	5	-	-	-	-						
Fire Alarm	1	-	-	-	1	1						
Flush Inspection	-	-	-	-	-	1						
Follow Up	-	-	-	-	-	1						
Food Truck Inspection	-	-	4	4	41	2						
Firewall/Barrier	2	2	2	3	3	2						
Hood Suppression	-	-	-	-	-	-						
Hood System Light Test Inspection	-	-	-	-	-	-						
HVAC Smoke Test Inspection	2	-	-	1	-	-						
Hydrant Inspection	-	-	-	-	-	-						
Occupancy	1	-	-	-	-	-						
Out of City Limits	-	-	-	1	-	-						
Plans Review	-	-	-	-	-	-						
Pre-Construction	-	-	-	-	2	1						
Special Request	-	1	1	-	-	-						
Sprinkler System	-	-	3	-	2	-						
Tent and Air Canopies	-	-	-	-	2	-						
Underground Pressure Test	-	1	-	3	1	3						
	41	58	49	45	138	73	-	-	-	-	-	-

Hinesville Fire Department

Public Safety Education Report

April 1, 2023 to April 30, 2023

Date	Shift	Location	Description	Contacts
4/1/2023	B	302 E. General Stewart Way (St. Philip's Episcopal Church)	Strawberry Festival	75
4/1/2023	B	Shaw Road Training Site	First Responder Standby	15
4/1/2023	B	508 Heritage Drive	Pool Fill	1
4/3/2023	A	103 Liberty Street (Station 1)	Car Seat Check	2
4/5/2023	C	512 Pineview Drive	Pool Fill	1
4/7/2023	B	378 Airport Road (Taylors Creek Elementary School)	Career Day	650
4/8/2023	C	700 Sharon Street (Irene B. Thomas Park)	Special Needs Easter Egg Hunt	300
4/10/2023	B	103 Liberty Street (Station 1)	Car Seat Check	2
4/17/2023	C	103 Liberty Street (Station 1)	Station Tour	2
4/17/2023	C	103 Liberty Street (Station 1)	Car Seat Check	1
4/18/2023	A	103 Liberty Street (Station 1)	Station Tour	17
4/21/2023	A	110 Caswell Court	Smoke Detector Check	3
4/25/2023	B	100 Deen Street (Boys & Girls Club)	Engine Display	22
4/28/2023	FM	1396 Shaw Road (Lyman Hall Elementary School)	Career Day	315
4/28/2023	B	2373 Rowe Street	Pool Fill	1
Total Contacts Made				1,407

Title	Total
Public Safety Education	1091
Smoke Detectors	1
Burn Permits	28
Car Seats	3
Pool Fills	3



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Councilmember Floyd's Report
Prepared by: Lia Jones
Presented by: Councilmember Floyd

ACTION ITEMS:

None

INFORMATIONAL ITEMS:

Monthly Business License Report
Monthly Birthdays
Liberty Transit Report



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Monthly Business License Report
Prepared by: Deridra Weeks
Presented by: Deridra Weeks

PURPOSE: To inform Mayor and Council of new license applications received for the month of April.

BACKGROUND: The attached list shows all business license applications processed in April 2023. The list includes businesses that have started and/or completed the process of obtaining a City of Hinesville business license. The report includes 14 new businesses and 0 change in ownership.

FUNDING: None

RECOMMENDATION: None

ATTACHMENTS:

1. 05-2023 Monthly Council BL Report

PREVIOUS COUNCIL DISCUSSION: None



Monthly Business License Report

Completed and/or Pending Business License Applications

APRIL 2023

From: 04/01/2023

To: 04/30/2023

Status	Start Date	Trade Name	BL Address	Nature of Business
C	4/04/2023	DONE RIGHT GARAGE DOORS LLC	460 THORPE BND	236118 - HANDYMAN
C	4/04/2023	MGM NAIL SUPPLY	219 GARDEN CIR	454111 - NAIL SUPPLY RETAILER
C	4/07/2023	777 PHOTOGRAPHY LLC	620 SLADE ST	541921 - PHOTOGRAPHY
P	4/07/2023	PARROT AND FROG A PUB	110 S COMMERCE ST	722410 - BEER WINE LIQUOR - CLASS III ON PREMISE CONSUMPTION VALID ONLY WITH A STATE LICENSE
C	4/07/2023	ART OF LIFE GALLERY	1263 PEACOCK TRAIL	327110 - ART GALLERY
C	4/10/2023	ELEGANCE & STYLE SCALP MICROPIGMENTATION	110 E M L KING JR DR	812199 - HAIRLOSS REPLACEMENT
P	4/10/2023	BELOVITH	445 ELMA G MILES PKWY	812990 - WEDDING CEREMONIES & JEWELRY SALES
C	4/12/2023	KBD VENDING	1285 EDDIE LN	454210 - VENDING MACHINE
C	4/19/2023	SOUTHEASTERN BANK LPO	313 N MAIN ST	522310 - LOAN PRODUCTION OFFICE
P	4/21/2023	CLAUDIA HOME DAYCARE	310 FLOYD ST	624410 IN HOME DAYCARE NO MORE THAN SIX CHILDREN
P	4/24/2023	HOME 2 SUITES	230 SANDY RUN DR	721110 - HOTEL
P	4/24/2023	SASS AND GRACE	229 GENERAL SCREVEN WAY	812112 - HAIR SALON
P	4/27/2023	DEVILS VAPE	449 W GENERAL SCREVEN WAY	452990 - TOBACCO & VAPE STORE
C	4/28/2023	ALL IN ENVIRONMENTAL LLC	110 POINTE S DR	561720 - JANITORIAL SERVICES

NEW	14	ACTIVE ACCOUNTS ENDING IN MARCH 2023	1461
CHANGE IN OWNERSHIP	0	TERMINATED ACCOUNTS IN APRIL 2023	11
TOTAL	14	ACCOUNTS ACTIVE APRIL 2023	1475



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Monthly Birthdays
Prepared by: Shamika Wilson
Presented by: Councilmember Floyd

PURPOSE: For Mayor and Council to Acknowledge Employee Birthdays for the month of May.

BACKGROUND: None

FUNDING: None

RECOMMENDATION: None

ATTACHMENTS:

1. May Birthdays

PREVIOUS COUNCIL DISCUSSION:

MAY BIRTHDAYS



**Councilmember
Karl Riles**

Admin

Deridra Weeks

Admin

Nelle John Baptiste

Water/Sewer

Debra Hulvey

Finance

Tylyn Tan

HR

Justin Lacole

IT

Elizabeth McGee

HDDA

Laqrissua Bolton

Police

Elpidio Fraticelli

Police

Michael Ramirez

Police

Wade Coetzee

Police

Gregory Lachowsky

Police

Eric Sink

Police

Matthew Merritt

Police

William Oberlander

Police

**David Tricoche-
Gonzalez**

Fire

Travis Braxton

Fire

Kevin Bechert

Fire

Robert Kitchings

Fire

Wesley Mason

Fire

Christopher Routh

Fire

Semmie McKenzie **GIS**



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Liberty Transit Monthly Report
Prepared by: Lia Jones
Presented by: Karen Randolph

PURPOSE: To Present for Mayor and Council Consideration, Monthly Transit Operation and Status Report.

BACKGROUND: On November 1, 2020 First Transit assumed Third Party Operator management services of the Liberty Transit Public Transportation System. As the new General Manager Karen Randolph is responsible for the day-to-day operations of Liberty Transit as well as managing the public transportation system's planning and public outreach efforts and providing monthly updates to Council.

FUNDING: None

RECOMMENDATION: None

ATTACHMENTS:

1. First Transit Presentation

PREVIOUS COUNCIL DISCUSSION: None



Staffing:

- Short 2 Operators

Staffing (10) FTE's

- (1) General Manager, CDL
- (1) Dispatcher/ Admin, CDL
- (1) Supervisor, CDL
- (5) Operators, CDL
- (1) Technician in charge, CDL, ASE
- (1) Service Employee / Fueler

Safety:

- **Safety meetings are conducted monthly**
October's Topic – Accountable for Performance – Every Decision Matters
November's Topic – Dedicated to Safety – Our Way of Life
December's Topic – Holiday Risks – Protect Your Joy This Season
- **Zero accidents or employee injuries** – October 1 – December 31, 2022

Maintenance:

- 7 preventive maintenance – Oct 1 – Dec 31 (every 6k miles schedule)
- Zero Road Calls – Oct 1 – Dec 31

Operations:

- Zero route deviations
- One complaint

Ridership:

Figure 1. Fixed Route Service

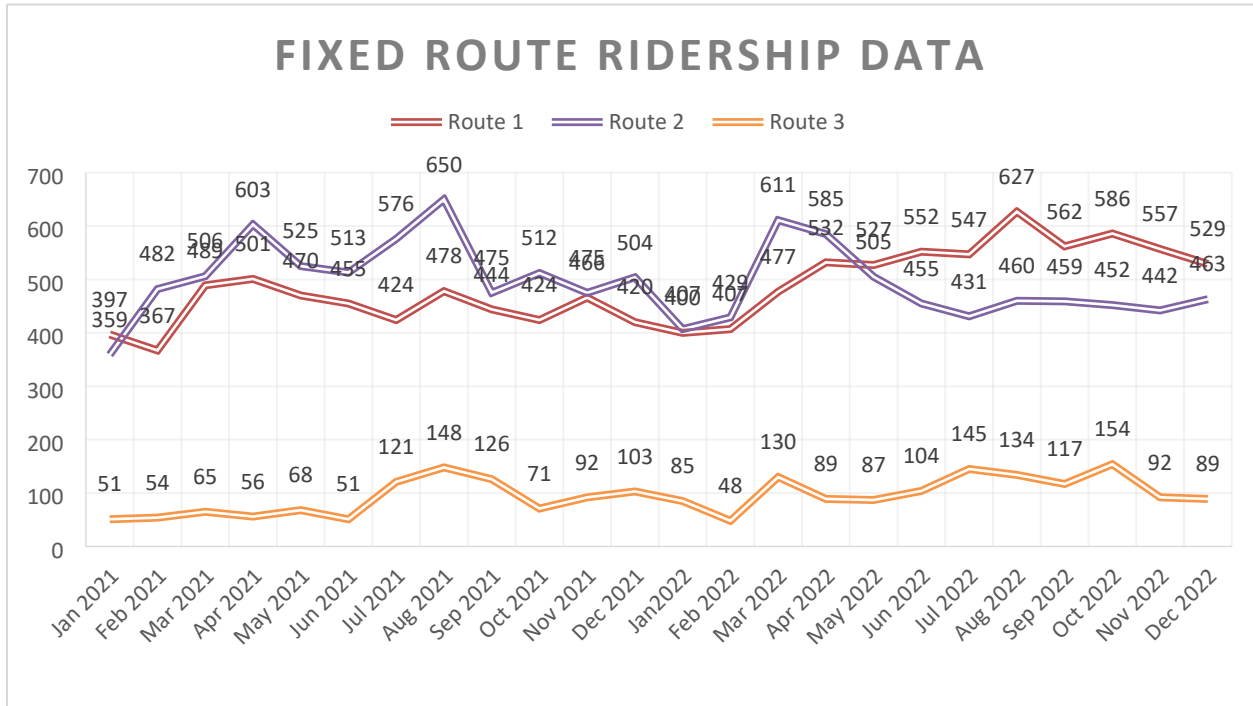
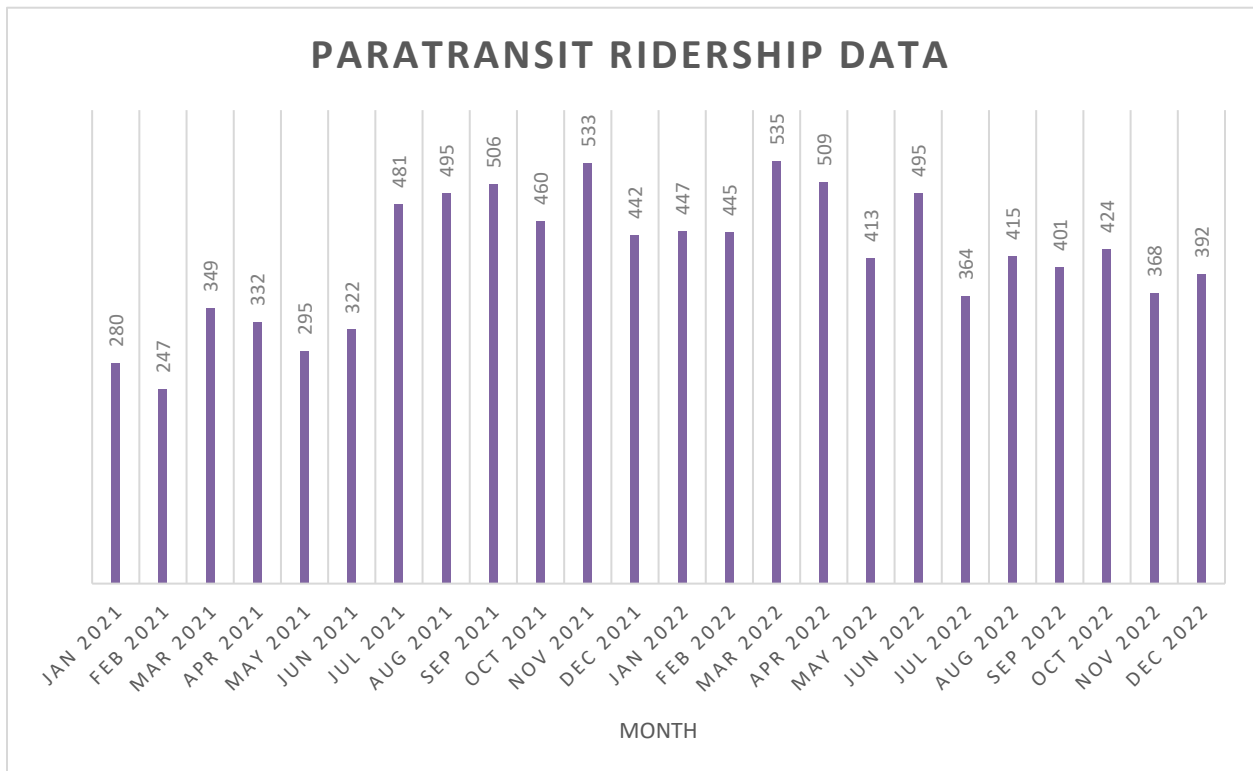


Figure 2. Para Transit Service





City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Councilmember Reid's Report
Prepared by: Darlene Parker
Presented by: Councilmember Reid

ACTION ITEMS:

None

INFORMATIONAL ITEMS:

Monthly ESG Operations and Status Report



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Monthly ESG Operation and Status Report
Prepared by: Darlene Parker
Presented by: Gary Gillard

PURPOSE: To discuss ESG Operations and Status Report for the month of...

BACKGROUND: None

FUNDING: None

RECOMMENDATION: None

ATTACHMENTS:

1. ESG Operations and Status Report April 2023

PREVIOUS COUNCIL DISCUSSION:



April 2023

TABLE OF CONTENTS

EXECUTIVE SUMMARY/ADMIN/SAFETY.....	3-5
PARKS/GROUNDS.....	6-7
VEHICLE MAINTENANCE.....	8
SANITATION.....	9
STREETS/DRAINAGE.....	10-15
COMPLIANCE.....	16
FSGM.....	17

DEPARTMENTAL SUMMARY***Executive Summary***

Below are departmental activity reports for ESG-Operations for the month of Apr '23

Administrative***March '23 Team Players of the Month:******Derek Miller (Sanitation)***

Safety Incident Reports

Apr '23

At Fault Motor Vehicle Incidents	3
Motor Vehicle Accidents	1
First Aid Cases	0
Collateral Damage Incidents	5
Occupational Injury Incidents	1
Safety Training Hours	131
Medical Treatment Cases	0
Restricted Duty Cases	0
Lost Time Incidents	0
Worksite Inspections	0
Near Miss Incidents	1

HINESVILLE SAFETY TRAINING

(Hours)

Jan '19	Feb '19	Mar '19	Apr '19	May '19	Jun '19	Jul '19	Aug '19	Sep '19	Oct '19	Nov '19	Dec '19	Total
104	127	136	148	117	123	150	137	114	105	103	123	1384

(Hours)

Jan '20	Feb '20	Mar '20	Apr '20	May '20	Jun '20	Jul '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20	Total
83	63	116	112	81	71	76	112	119	111	81	135	1079

(Hours)

Jan '21	Feb '21	Mar '21	Apr '21	May '21	Jun '21	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Total
122	137	174	187	172	169	213	178	155	246	263	142	2158

(Hours)

Jan '22	Feb '22	Mar '22	Apr '22	May '22	Jun '22	Jul '22	Aug '22	Sep '22	Oct '22	Nov '22	Dec '22	Total
160	154	168	197	254	199	198	205	152	125	105	138	2052

(Hours)

Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '22	Total
124	143	141	131									539

Parks and Grounds (Mosquito Control)

Apr '23 Mosquito Control Activity Report

Date	Activity
3-Apr-23	Inspected available lift stations and breeding sites for early trapping.
4-Apr-23	Reviewed quotes for adulticides and larvicides for this season
5-Apr-23	Inspected available lift stations and breeding sites for early trapping in district 4
6-Apr-23	Setup 3 CDC light traps and 1 Gravid traps at the following grid Coordinates W.O.140920 31.8501 -81.61461, W.O.140919 31.8127 -81.65431, W.O. 140912 31.83218 -81.63234
7-Apr-23	Conducted ulv treatment of WRF on JV road/Retrieved traps and prepared specimens for mosquito identification
10-Apr-23	Conducting mosquito identification with a dissecting microscope.
11-Apr-23	Conducting mosquito identification with a dissecting microscope.
12-Apr-23	Reviewed arbovirus report from Dr Kelly, State zoonotic Epidemiologists.
13-Apr-23	Inspected stormwater structures for District 3. Cross referenced with map book and GIS.
14-Apr-23	Inspected stormwater structures for District 3. Cross referenced with map book and GIS.
17-Apr-23	Inspected stormwater structures for District 3. Cross referenced with map book and GIS.
18-Apr-23	Inspected stormwater structures for District 3. Cross referenced with map book and GIS.
19-Apr-23	Inspected stormwater structures for District 4. Cross referenced with map book and GIS.
20-Apr-23	Inspected stormwater structures for District 4. Cross referenced with map book and GIS.
21-Apr-23	Inspected stormwater structures for District 4. Cross referenced with map book and GIS.
24-Apr-23	Inspected stormwater structures for District 4. Cross referenced with map book and GIS.
25-Apr-23	Inspected stormwater structures for District 3. Cross referenced with map book and GIS.
27-Apr-23	Inspected stormwater structures for District 3. Cross referenced with map book and GIS.
28-Apr-23	Inspected stormwater structures for District 3. Cross referenced with map book and GIS.

Parks and Grounds

14 Apr 23: Veteran's Memorial at Bryant Commons



Vehicle Maintenance

Below are the number of Corrective Maintenance (CM's) and Preventative Maintenance (PM's) work orders completed during the month of Apr '23.

Department	CM	PM	Total
Police	15	6	21
Fire	3	3	6
Stormwater	8	2	10
City Hall Admin	1	0	1
ESG Admin	1	0	1
Inspections	2	1	3
Sanitation	32	6	38
Streets/Drainage	10	4	14
Parks/Grounds	7	4	11
FSAB/HAAF	5	1	6
Vehicle Maint	4	1	5
Const Maint	4	1	5
Meter Reading	3	0	3
Water Lab	1	0	1
Lift Stations	5	1	6
WRF	2	1	3
WPCP	0	0	0
		Total	134

Sanitation

Listed below is a summary of the material picked up by the sanitation department since the beginning of our contract:

Tons of Garbage

YEAR	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL	AVG
2016/17	850	911	957	784	948	900	939	989	1006	956	980	918	11138	928.17
2017/18	947	899	889	865	1012	988	1065	1033	1069	1048	854	958	11627	968.92
2018/19	942	870	1063	819	955	975	995	980	1120	956	915	1112	11702	975.17
2019/20	894	1078	1053	879	1080	1323	782	1246	1253	1165	1174	1119	13046	1087.2
2020/21	1086	1246	1023	1023	1379	1242	1228	1284	1334	1222	1203	1086	14356	1196.3
2021/22	1184	1282	1660	1015	1307	1136	1170	1177	1129	1240	1180	1077	14557	1213.1
2022/23	1174	1168	1184	1078	1279	1111							6994	1165.7
2023/24													0	0

Cubic Yards of Yard Waste

YEAR	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL	AVG
2016/17	3275	1625	2200	2575	2850	2375	2150	1150	1625	1425	6750	1625	29625	2468.8
2017/18	1800	1700	1625	1850	2775	1825	2304	1350	2050	1950	1966	3175	24370	2030.8
2018/19	1200	1675	2575	1775	2275	1750	1925	1625	1575	725	1475	1325	19900	1658.3
2019/20	1100	1875	1925	1325	2475	3200	2425	2000	1575	2050	1775	2425	24150	2012.5
2020/21	1975	2600	2500	2225	3200	2450	2700	2550	2075	1475	1700	1750	27200	2266.7
2021/22	2125	2975	1725	2425	2350	2175	2000	1300	1050	1300	1300	2100	22825	2075
2022/23	1550	2675	2400	2750	3000	2050							14425	2404.2
2023/24													0	0

Streets

Apr '23: Sign Maintenance/Pothole Repairs

DATE	STREET	SIGN	POTHOLE
7-Apr-23	801 PEGGY SUE ST		FILLED 5 POTHOLE.
	810 N-MAIN ST		FILLED 1 POTHOLE.
	605 SAGEWOOD DR		FILLED 1 POTHOLE.
	203 S-MAIN ST	NEW 25MPH HPD REQUEST	
11-Apr-23	1000 MILES CROSSING		FILLED 1 POTHOLE.
	1001 MILES CROSSING		FILLED 3 POTHOLE.
	130 BARRY McCAFFERY		FILLED 6 POTHOLE.
	134 BARRY McCAFFERY		FILLED 4 POTHOLE.
	140 BARRY McCAFFERY		FILLED 1 POTHOLE.
	650 S-MAIN ST		FILLED 2 POTHOLE.
12-Apr-23	100 TREVOR ST		FILLED 1 POTHOLE
14-Apr-23	103 GLENN BRYANT RD		FILLED 1 POTHOLE
	1160 S-MAIN EXT		FILLED 4 POTHOLE.
	1164 S-MAIN EXT		FILLED 1 POTHOLE
	1166 S-MAIN EXT		FILLED 1 POTHOLE
	1160 S-MAIN EXT		FILLED 1 POTHOLE
	1237 S-MAIN EXT		FILLED 2 POTHOLE.
	1234 S-MAIN EXT		FILLED 1 POTHOLE
	1240 S-MAIN EXT		FILLED 2 POTHOLE.
	113 EUNICE RD	MOVED 30MPH SIGN FOR HPD	
17-Apr-23	110 MONTCLAIR DR	REPLACED 25MPH SIGN	
	1050 KACEY DR	REPLACED STOP SIGN	
18-Apr-23	708 FLIMING RD		FILLED 1 POTHOLE
	100 POPPLETON RD	REPLACED STOP SIGN.	
19-Apr-23	848 LYNSI LN	STRAIGHTEN STOP SIGN.	
	548 WILLOW BROOK DR		FILLED 1 POTHOLE.
	900 WILLOW BROOK DR		FILLED 2 POTHOLE
	957 GULF STREAM RD		FILLED 1 POTHOLE.
	890 LIBERTY MANNER		FILLED 1 POTHOLE.

	410 S-MAIN ST		FILLED 1 POTHOLE.
	602 TANGLEWOOD DR		FILLED 1 POTHOLE.
20-Apr-23	617 CAINES RD		FILLED 1 POTHOLE
	648 CAINES RD		FILLED 2 POTHOLE
	632 CAINES RD		FILLED 1 POTHOLE
	758 FLEMING RD		FILLED 1 POTHOLE
	708 FLEMING RD		FILLED 1 POTHOLE
	853 FOREST ST		FILLED 2 POTHOLE
	800 FOREST ST		FILLED 3 POTHOLE
	788 FOREST ST		FILLED 1 POTHOLE
	798 FOREST ST		FILLED 2 POTHOLE
	787 FOREST ST		FILLED 1 POTHOLE
21-Apr-23	870 FOREST ST		FILLED 1 POTHOLE
	1094 DESERT SHIELD		FILLED 1 POTHOLE
	708 OLIVE ST		FILLED 1 POTHOLE
	1076 BLUE STONE LOOP		FILLED 1 POTHOLE
	N-MAIN ST	STRAIGHTEN ROAD NAME SIGN	
25-Apr-23	BELMONT SOUTH		FILLED 1 POTHOLE
	976 LIVE OAK DR		FILLED 1 POTHOLE
26-Apr-23	937 LIVE OAK DR		FILLED 1 POTHOLE
	935 LIVE OAK DR		FILLED 2 POTHOLE
	921 LIVE OAK DR		FILLED 2 POTHOLE
	953 LIVE OAK DR		FILLED 1 POTHOLE
	971 LIVE OAK DR		FILLED 1 POTHOLE
	N- MAIN ST CROSSWALK		FILLED 2 POTHOLE
	958 LIVE OAK DR		FILLED 1 POTHOLE

Streets

3 Apr 23: James, Jr. pressure washes bus shelter at Liberty Regional Hospital



Drainage

Street Sweeping Monthly Total Miles

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
November	784	881	933	768	788	838	1103	
December	628	658	762	899	895	897	752	
January	783	871	774	815	789	828	778	
February	776	790	835	902	807	442	716	
March	833	826	908	1047	1052	991	920	
April	777	855	913	1036	1011	934	955	
May	876	1021	1029	841	798	828		
June	870	822	789	1005	1092	837		
July	813	940	997	1079	1047	532		
August	963	970	1004	961	923	871		
September	616	897	949	973	899	684		
October	899	1023	1019	837	847	670		
Total	9618	10554	10912	11163	10948	9352	5224	0

Compliance

There were no permit excursions for the month of April for JV Road or Fort Stewart WPCP. All permit-required documentation has been submitted to the state regulatory agencies in a timely manner.

Water Treatment

Water Production (million gallons)	112.862
Water Meters Read	13,797
Water/Sewer line locates	416
Sewer Main Cleaning Footage	25,027

Wastewater Treatment

WPCP

Hinesville Total Flow (million gallons)	108.79
Hinesville Average Flow (million gallons per day)	3.63
Ft. Stewart Total Flow (million gallons)	88.17
Ft. Stewart Average Flow (million gallons per day)	2.94
Combined Total Inf Flow (million gallons per day)	6.57
Combined Average Eff Flow (million gallons per day)	6.78

WRF

Influent flow (million gallons)	46.269
Influent flow Average (million gallons per day)	1.542
Discharge flow (million gallons)	33.103
Discharge flow Average (million gallons per day)	1.103
Re-use flow (million gallons)	9.437
Re-use flow Average (million gallons per day)	0.315
On-Site Storage (million gallons)	3.729

FSGM

Todd Cemetery



Community Engagement

20 Apr 23: Lunch at Button Gwinnett Elementary with Micah Ali Gilliard



Community Engagement

27 Apr 23: With the Brown Brothers and my brother at the Liberty County Hall of Fame Banquet



Community Engagement

29 Apr 23: Jerome Mikel on Flowers Drive helping with The Great American Clean-up





City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: City Manager's Report
Prepared by: Christy Deloach
Presented by: Kenneth Howard

ACTION ITEMS:

None

INFORMATIONAL ITEMS:

None



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: FY 2024 Proposed Budget Calendar
Prepared by: Kimberly Ryon
Presented by: Kenneth Howard

PURPOSE: To Present for Mayor and Council Consideration, Proposed Calendar for the Preparation, Presentation and Adoption of the City's Fiscal Year 2024 Budget.

BACKGROUND:

FUNDING:

RECOMMENDATION:

ATTACHMENTS:

1. Budget Calendar FY 2024

PREVIOUS COUNCIL DISCUSSION:

MAYOR
Allen Brown

CITY MANAGER
Kenneth K. Howard

CITY CLERK
Lia Jones

CITY ATTORNEY
Linnie L. Darden, III



Kimberly Ryon, Chief Financial Officer

MAYOR PRO TEM
Keith Jenkins

COUNCIL MEMBERS
Diana F. Reid
Jason Floyd
Vicky C. Nelson
Karl A. Riles

Memorandum

Date: May 11, 2023
To: Mayor & City Council Members
Department Heads
CC: Kenneth Howard, City Manager
From: Kimberly Ryon, CFO *KR*
RE: Proposed Calendar for FY 2024 Budget preparation

The following outlines the dates proposed to establish the budget for fiscal year ended October 31, 2024:

Tuesday, July 11, 2023	Deadline for departmental budgets to be input into the system.
July 13 – July 28, 2023	Departmental budget meetings (times for each department will be coordinated and scheduled)
August 2023	Follow up budget meetings (specific dates and times will be coordinated with each department)
September 2023	Budget workshop with Mayor and City Council. We need to coordinate 5-6 half day sessions to thoroughly review the budget.
Thursday, October 5, 2023	Budget hearing (during the City Council meeting)
Thursday, October 19, 2023	The budget will be presented to be adopted.

"Home for a Day or a Lifetime"

115 East M.L. King Jr. Drive, Hinesville, GA 31313 (912) 876-3564
www.cityofhinesville.org



City of Hinesville, Georgia, Council Meeting

Date: May 18, 2023
Agenda Item: Executive Session
Prepared by: Lia Jones
Presented by: Mayor Allen Brown

PURPOSE: To Hold an Executive Session to Discuss Real Estate Matters and Personnel.

BACKGROUND: None

FUNDING: None

RECOMMENDATION: None

ATTACHMENTS:

PREVIOUS COUNCIL DISCUSSION: None