



# HISTORIC TOWN OF EATONVILLE, FLORIDA

## COUNCIL WORKSHOP AGENDA

Tuesday, February 06, 2024, at 6:30 PM

Town Hall - 307 E Kennedy Blvd

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Please note that the HTML versions of the agenda and agenda packet may not reflect changes or amendments made to the agenda.

**I. CALL TO ORDER**

**II. CITIZEN PARTICIPATION (Three minutes strictly enforced)**

**III. PRESENTATIONS**

**1. PRESENTATION- Kennedy Blvd Widening Presentation**

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**IV. **LATE ITEM FOR CONSIDERATION** \*\*To Be Considered \*\***

**2. PRESENTATION/DISCUSS – The Water Supply System Action Plan and 10-Year Water Supply System (Public Works)**

**V. COMMENTS**

**3. Staff Comments**

**VI. ADJOURNMENT**

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**\*\*PUBLIC NOTICE\*\***

*This is a Public Meeting, and the public is invited to attend. This Agenda is subject to change. Please be advised that one (1) or more Members of any of the Town's Advisory Boards/Committees may attend this Meeting and may participate in discussions. Any person who desires to appeal any decision made at this meeting will need a verbatim record of the proceedings and for this purpose may need to ensure that a verbatim record of the proceedings is made which includes the testimony and evidence upon which the appeal is to be based – per Section 286.0105 Florida Statutes. Persons with disabilities needing assistance to participate in any of these proceedings should contact the Town of Eatonville at (407) 623-8910 "at least 48 hours prior to the meeting, a written request by a physically handicapped person to attend the meeting, directed to the chairperson or director of such board, commission, agency, or authority" - per Section 286.26*



# HISTORIC TOWN OF EATONVILLE, FLORIDA

## TOWN COUNCIL WORKSHOP

### FEBRUARY 6 AT 6:30 PM

### Cover Sheet

**\*\*NOTE\*\*** Please do not change the formatting of this document (font style, size, paragraph spacing etc.)

**ITEM TITLE:** PRESENTATION- Kennedy Blvd Widening Presentation

**TOWN COUNCIL ACTION:**

<b>PROCLAMATIONS, AWARDS, AND PRESENTATIONS</b>	YES	<b>Department: PUBLIC WORKS DEPARTMENT</b>
<b>INTRODUCTIONS</b>		<b>Exhibits:</b> <ul style="list-style-type: none"> <li>PDF Handout for Presentation - Orange County Public Works will be presenting the Kennedy Blvd Widening Project</li> </ul>
<b>CONSENT AGENDA</b>		
<b>COUNCIL DISCUSSION</b>		
<b>ADMINISTRATIVE</b>		

**REQUEST:** Request for Town Council to hear updates on the Kennedy Blvd Widening Project.

**SUMMARY:** Orange County Public Works will be presenting updates of the Kennedy Blvd Widening Project. The presentation will provide information on Interim Improvements, Project Need/Limits, Roadway Improvements, and Project Schedule. The Phase 1 start date will be October 2024. The Phase 2 start date is estimated to be October 2026. Prior to the start of work, land acquisition will need to be completed. This will have an impact on Town residents and businesses. The Water and Sewer Utilities improvements must coincide with roadway work.

**Orange County Contact:**  
•Ms. Hadil Jardaneh  
Orange County Engineering  
Phone: (407) 836-8083

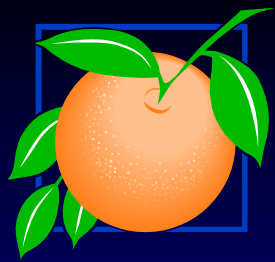
**RECOMMENDATION:** Staff recommend Town Council to hear updates on the Kennedy Blvd Widening Project.

**FISCAL & EFFICIENCY DATA:** N/A

***Presentation to The Town of Eatonville***

**Kennedy Boulevard  
Roadway Widening  
(West of Forest City Road to East Wymore Road)**

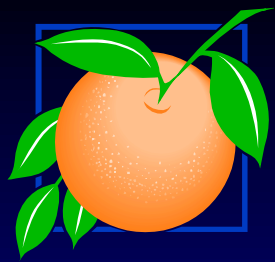
**February 6, 2024**



# Presentation Outline

- Interim Improvements
- Project Need
- Roadway Improvements
- Project Schedule

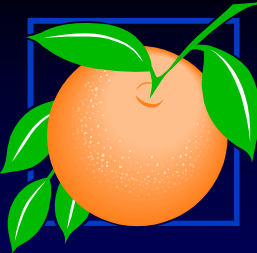




# Presentation Outline

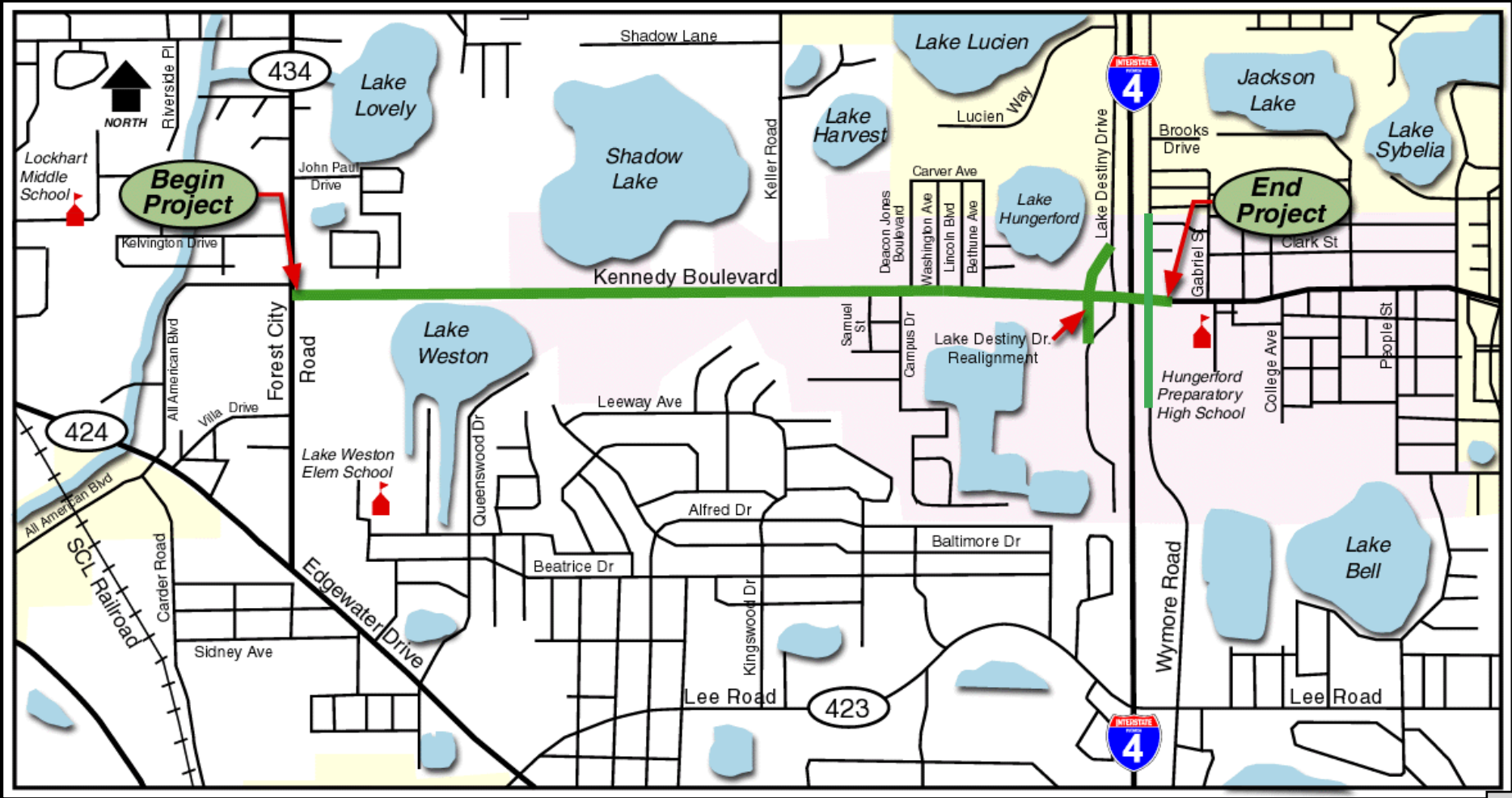
- Interim Improvements
- Project Need
- Roadway Improvements
- Project Schedule

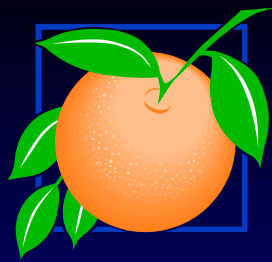




# Interim Improvements

## Project limits

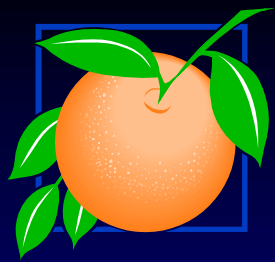




# Interim Improvements

- Interim improvements
  - Lake Destiny Drive realignment 2003
  - Deacon Jones Boulevard mid-block pedestrian crossing 2015
    - Rapid flashing beacon added 2018
  - Keller Road traffic signal 2016
  - I-4 Bridge/Wymore Road intersection 2022



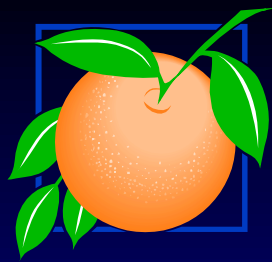


# Presentation Outline

- Interim Improvements
- **Project Need**
- Roadway Improvements
- Project Schedule







# Project Need

- Traffic congestion
- Safety improvements

**Pedestrian Access Under I-4**

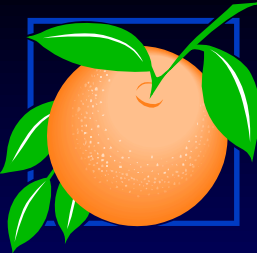


**Traffic on Kennedy Boulevard West of I-4**



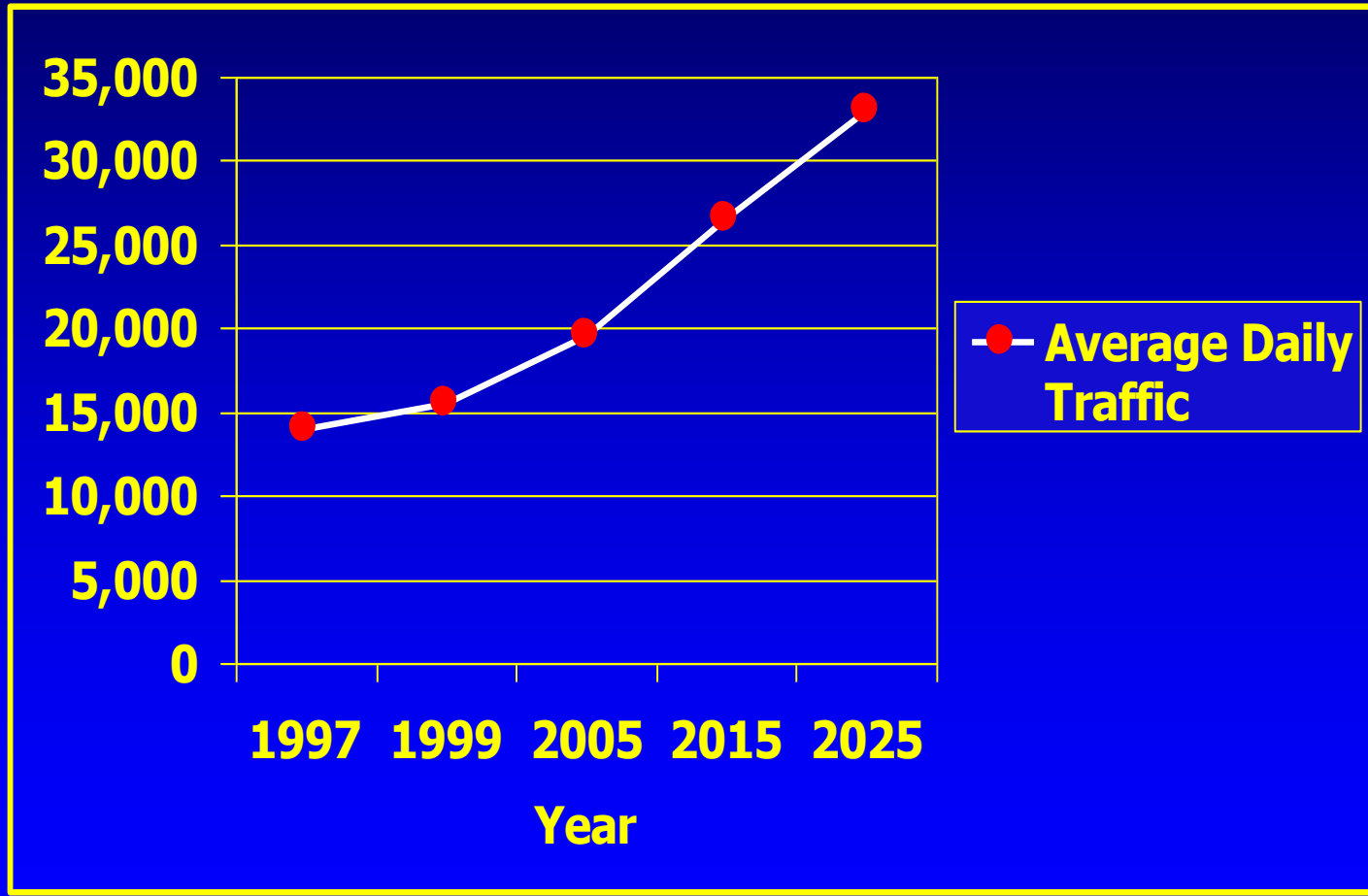
**Kennedy Boulevard at Forest City Road**

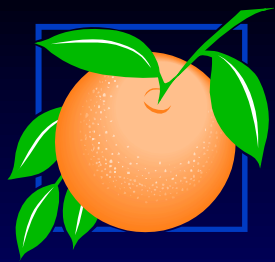




# Project Need

## ▪ Traffic Projection

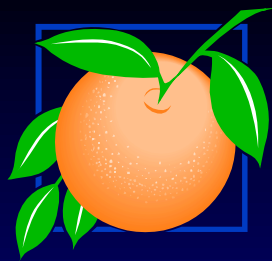




# Presentation Outline

- Interim Improvements
- Project Need
- Roadway Improvements
- Project Schedule

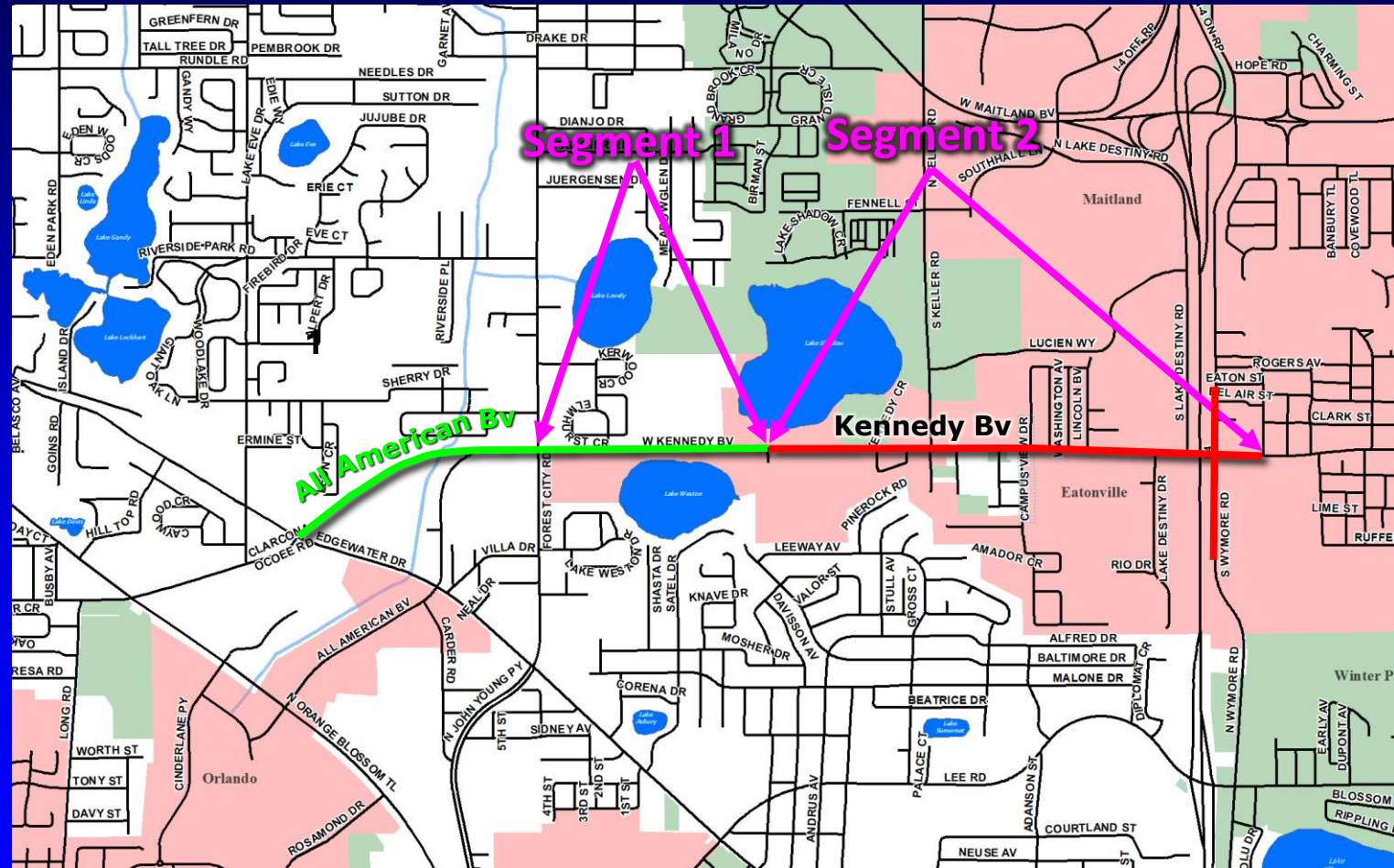


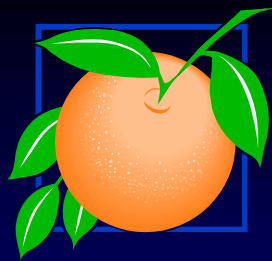


# Roadway Improvements

## Construction Segments

- Segment 1
  - West of Forest City Road to Kingston Court
- Segment 2
  - Kingston Court to Gabriel Street

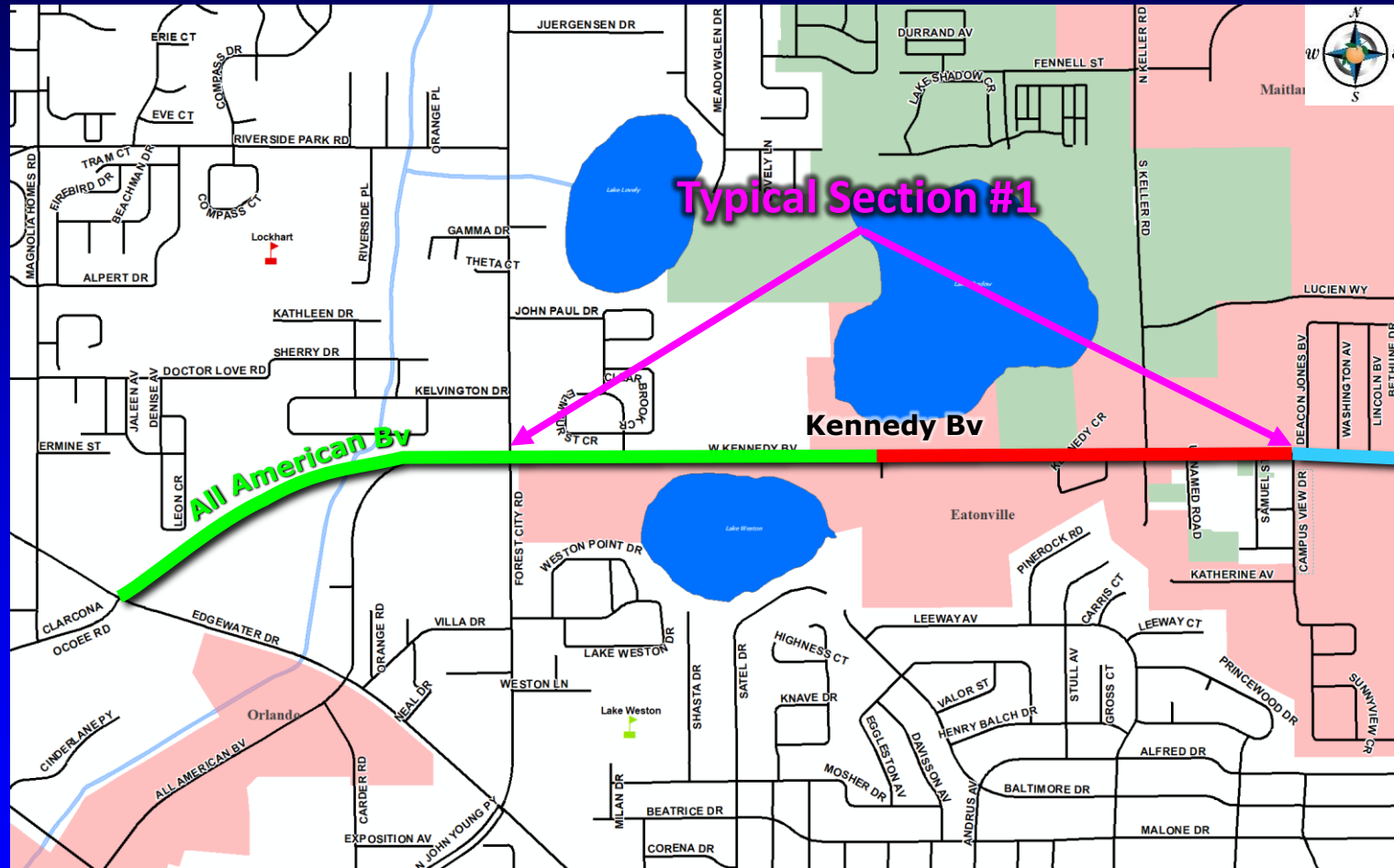


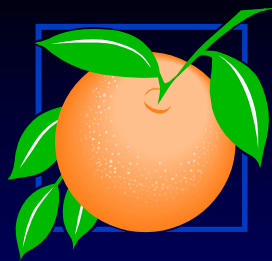


# Roadway Improvements

## Typical Section #1

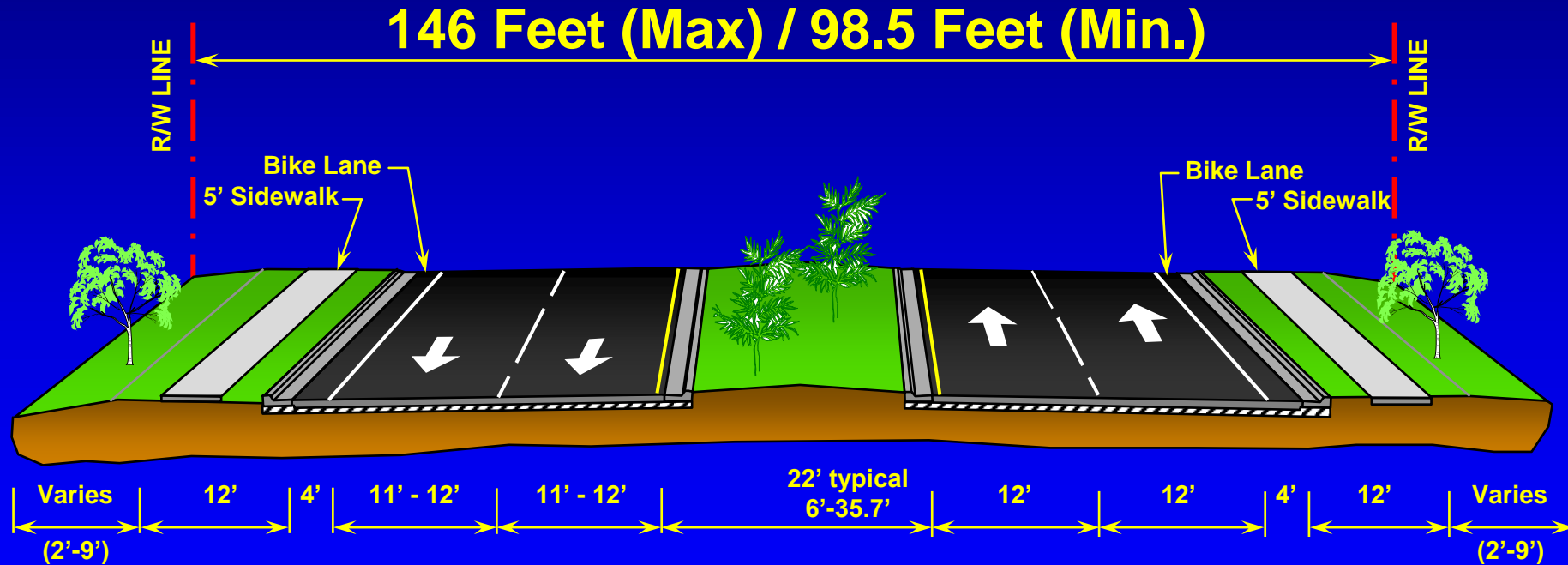
- West of Forest City Road to Campus View Drive

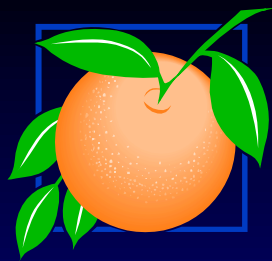




# Roadway Improvements

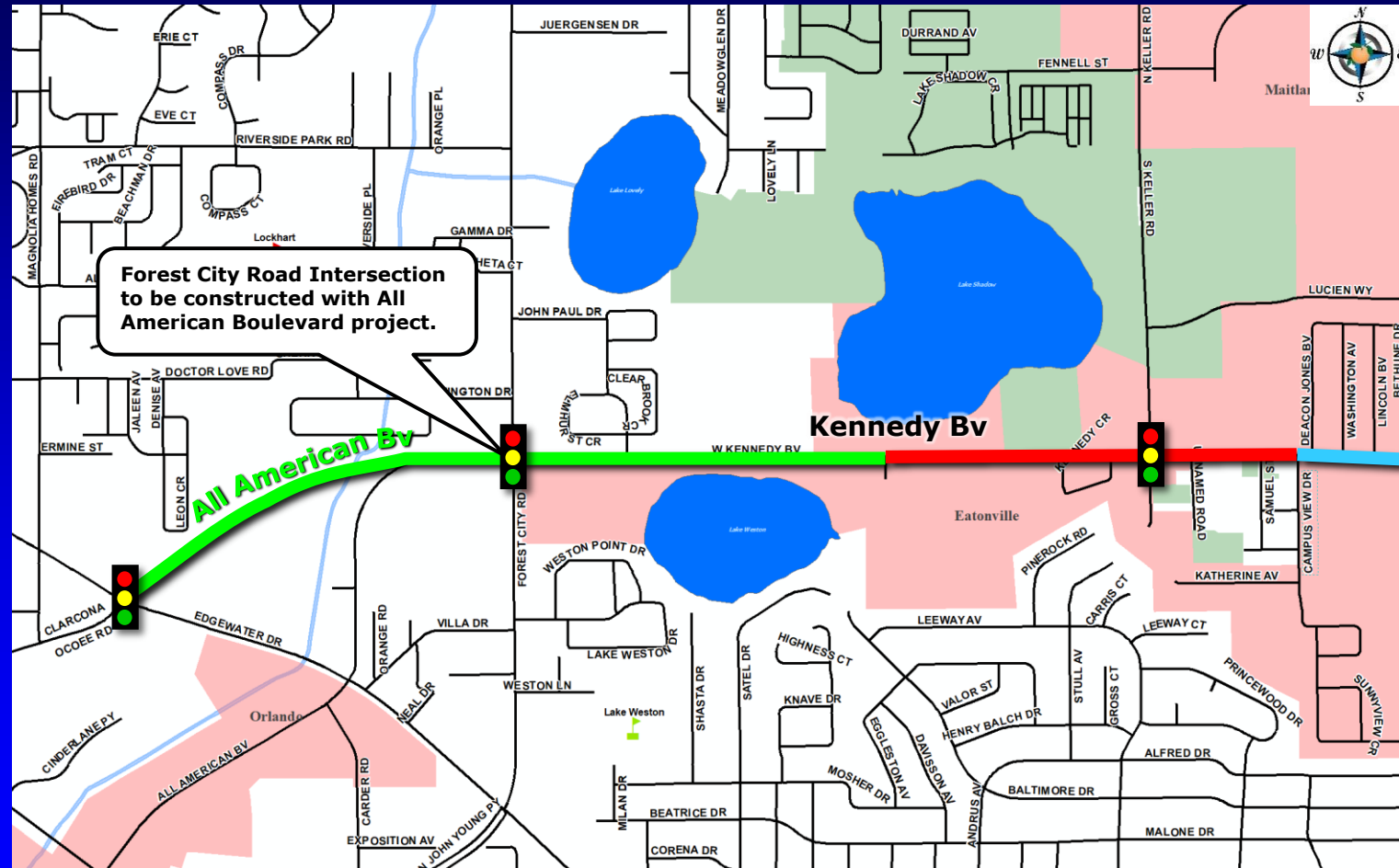
## Typical Section #1

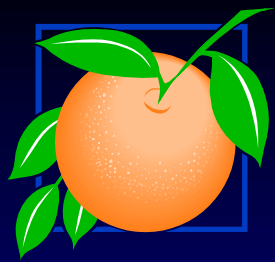




# Roadway Improvements

- Traffic signals
  - All signalized intersections will include mast arms
  - Upgraded control technology and ADA improvements

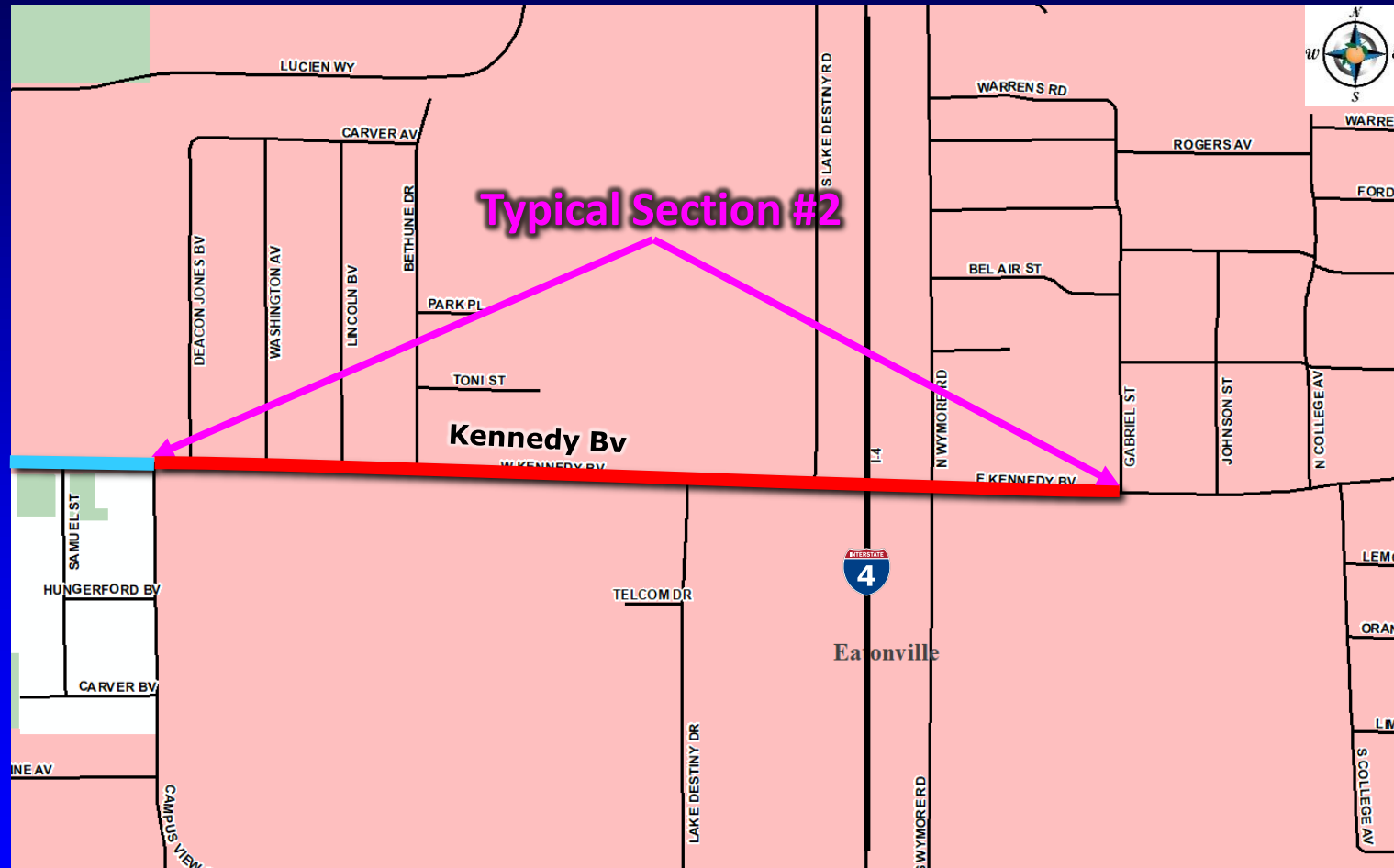




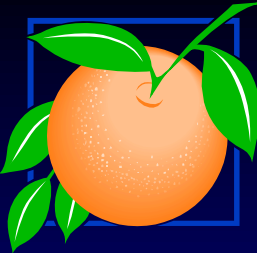
# Roadway Improvements

## ▪ Typical Section #2

- West of Campus View Drive to Gabriel Street

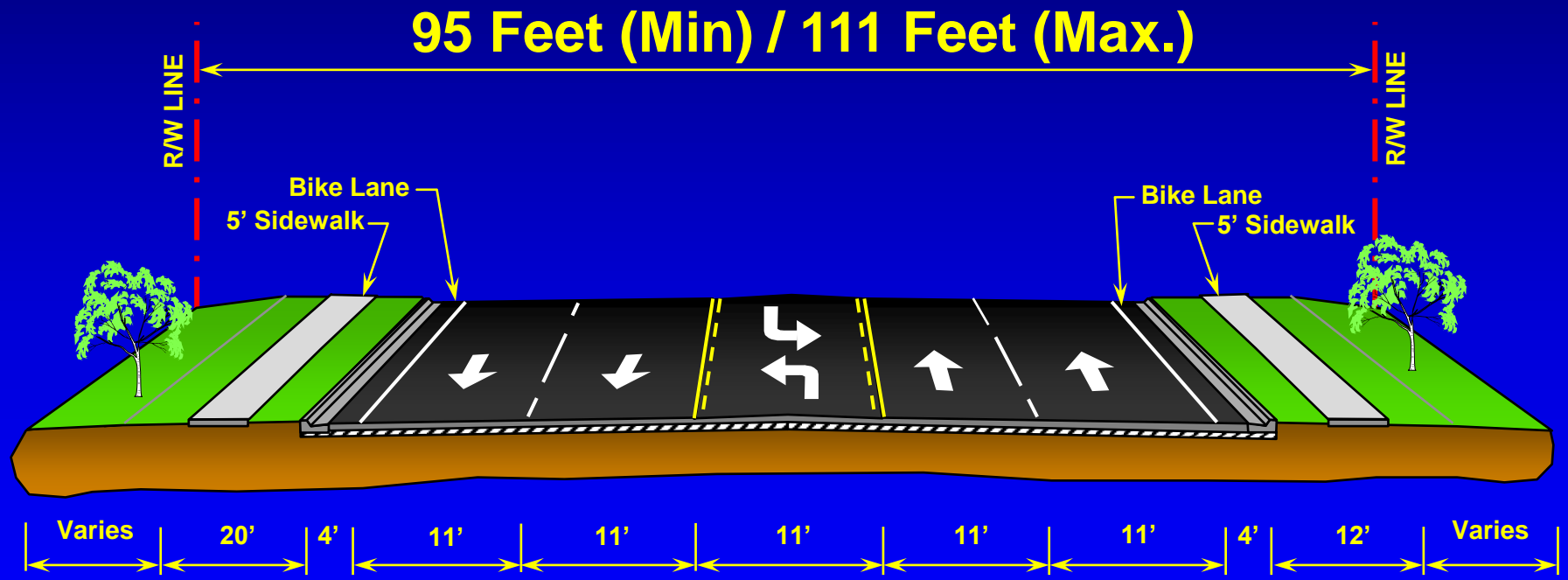


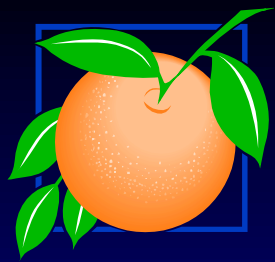




# Roadway Improvements

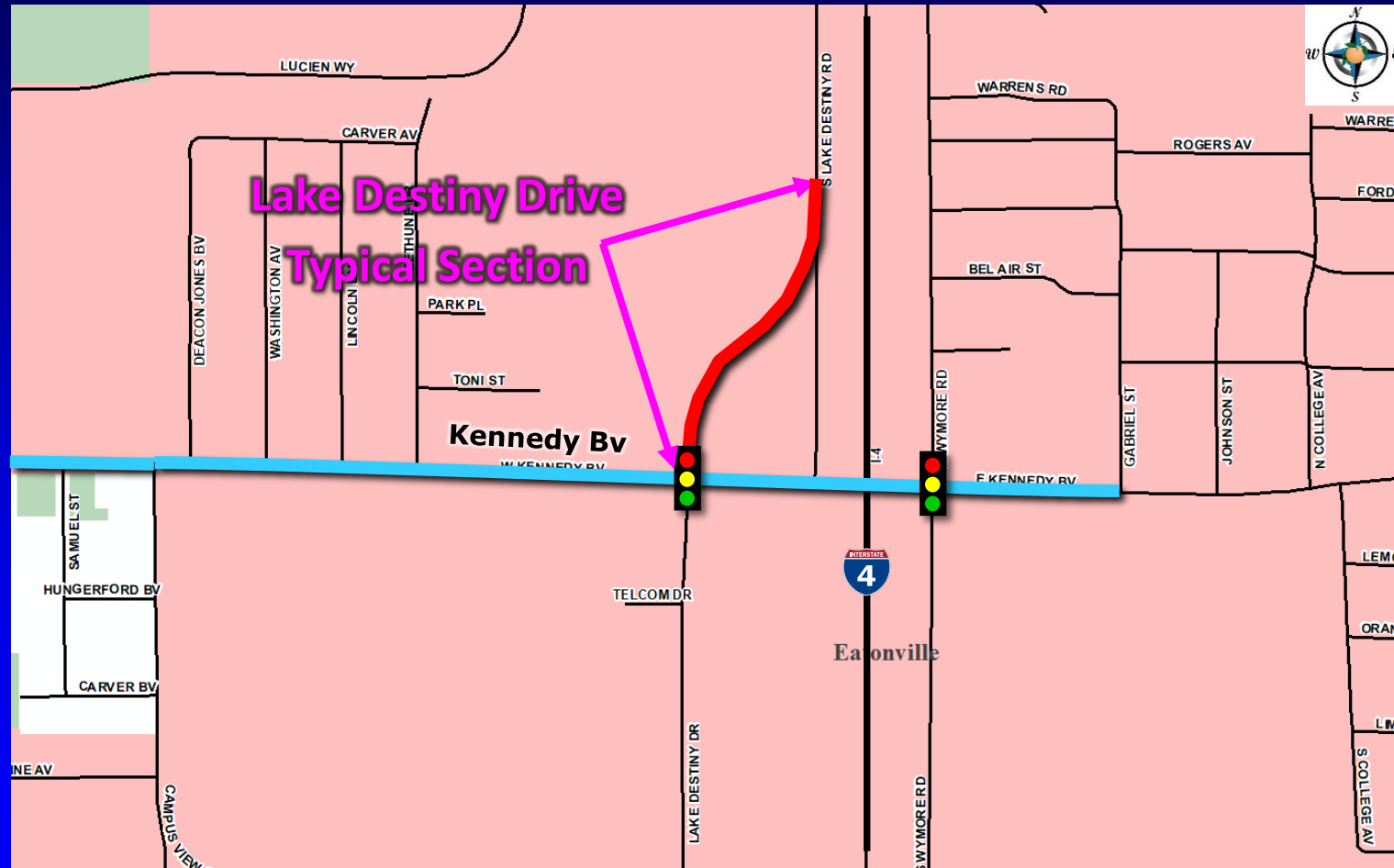
## Typical Section #2

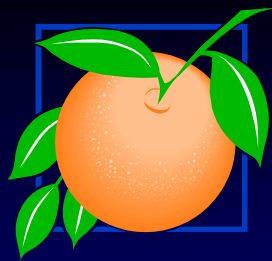




# Roadway Improvements

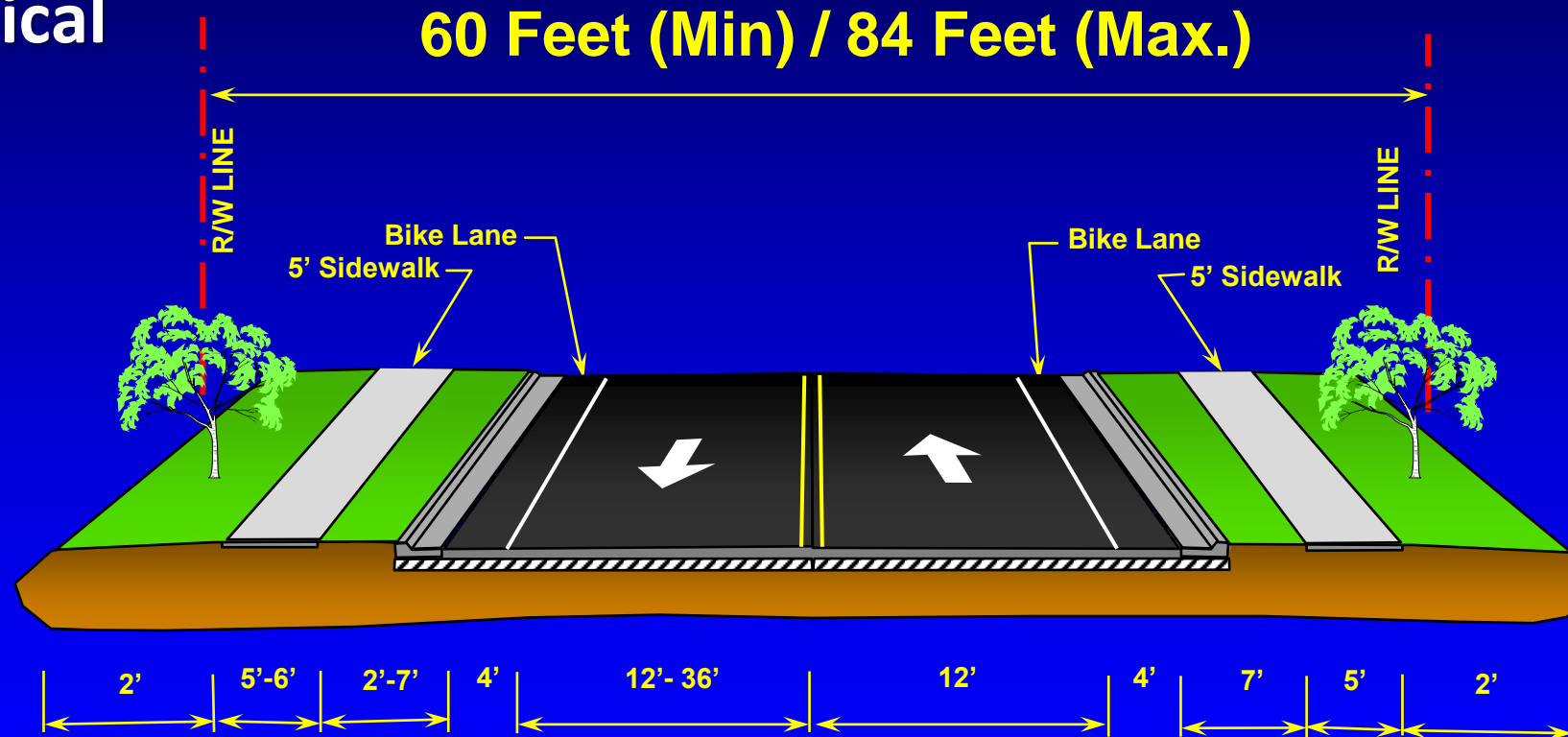
- Lake Destiny Drive typical section
  - Northern realignment

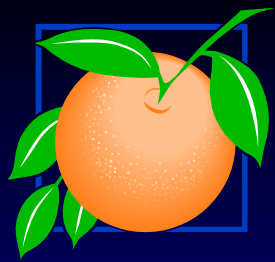




# Roadway Improvements

- Lake Destiny Drive Typical Section

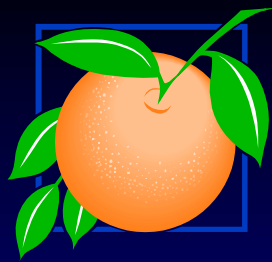




# Presentation Outline

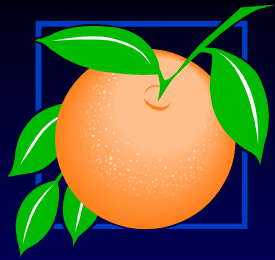
- Interim Improvements
- Project Need
- Roadway Improvements
- Project Schedule





# Project Schedule

- **All American Boulevard**
  - **Kennedy Boulevard Segment 1**
  - **Estimated construction start Fall/Winter 2024**
  - **24-month construction**
  
- **Kennedy Boulevard Segment 2**
  - **Estimated construction start Winter 2026**
  - **24-month construction**



## Project Contact

- **Ms. Hadil Jardaneh**  
**Orange County Engineering**  
**Phone: (407) 836-8083**

***Presentation to The Town of Eatonville***

**Kennedy Boulevard  
Roadway Widening  
(West of Forest City Road to East Wymore Road)**

**February 6, 2024**



**HISTORIC TOWN OF EATONVILLE,  
FLORIDA**

**TOWN COUNCIL WORKSHOP**

**FEBRUARY 6 AT 6:30 PM**

**Cover Sheet**

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**\*\*NOTE\*\* Please do not change the formatting of this document (font style, size, paragraph spacing etc.)**

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**TITLE: LATE ITEM SUBMITTED FOR CONSIDERATION**

**ITEMS: Presentation/Discussion of The Water Supply System Action Plan  
and 10-Year Water Supply System (Public Works)**

**For Town Council Workshop**

**LATE SUBMITTALS**

Any Town staff or official desiring to place an item on the agenda after the deadline, such individual shall email the Town Clerk with the agenda item and any supporting materials, who shall then distribute the item(s) and materials, noting them as a late submission for the agenda. The Town Council/Board may then, at the meeting, vote whether to add the late-submitted matter to the agenda if otherwise in compliance with Florida law.





# HISTORIC TOWN OF EATONVILLE, FLORIDA

## TOWN COUNCIL WORKSHOP

### FEBRUARY 6 AT 6:30 PM

### Cover Sheet

**\*\*NOTE\*\*** Please do not change the formatting of this document (font style, size, paragraph spacing etc.)

**ITEM TITLE:** PRESENTATION/DISCUSS – The Water Supply System Action Plan and 10-Year Water Supply System (Public Works) – **LATE**

**TOWN COUNCIL ACTION:**

<b>PROCLAMATIONS, AWARDS, AND PRESENTATIONS</b>	YES	<b>Department:</b> PUBLIC WORKS DEPARTMENT
<b>INTRODUCTIONS</b>		<b>Exhibits: N/A</b> <ul style="list-style-type: none"> <li>• Water Supply System Action Plan</li> <li>• 10-year water supply system</li> </ul>
<b>CONSENT AGENDA</b>		
<b>COUNCIL DISCUSSION</b>		
<b>ADMINISTRATIVE</b>		

**REQUEST:** Request that Council hear and discuss the Water Supply System Action Plan and the 10-Year Water Supply System. **\*\*Late Submittal for consideration and discussion on the workshop agenda.\*\***

**SUMMARY:** The 10-year water supply has been completed and a presentation of the improvements will be made at the Council workshop. Resolution by Council is needed to accept the 10-year Water Supply Facilities Work Plan. The Water Supply Action Plan includes upcoming maintenance activities, grant requests and awards, along with proposed capital improvements. The council will be asked to approve the 10-year plan by resolution. Staff would like to discuss the recommended Water Supply System Action Plan and the 10-Year Water Supply System. Resolution 2024-2 will be reserved for the Council to consider approving the adoption of the 10-year Water Supply Facilities Work Plan.

**RECOMMENDATION:** Staff is recommending Council hear and discuss the Water Supply System Action Plan and the 10-Year Water Supply System

**FISCAL & EFFICIENCY DATA:** N/A



**Town of Eatonville**  
**Public Works Department**

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**Water Supply System**

**Action Plan**

**including**

**Water Treatment Plant Building Replacement,  
Water Main Replacement, Water Tower  
Maintenance**

**&**

**Kennedy Blvd. Widening Project Schedule**

1/30/2024

Prepared by:

Valerie W. Mundy, P.E. – Public Works Director

**Purpose**

The purpose of this report is to identify the status of the Water Supply System for the Town of Eatonville and to present the 10-Year Water Supply Facilities Work Plan (WSFWP) and its relationship with the Kennedy Blvd. Widening Project. The WSFWP, as prepared by CPH, is detailed in a separate document.

It is required is for the Town Council to adopt this 10-yr WSFWP into the Town’s Comprehensive Plan by reference through a resolution.

This report also documents the status of the Consent Order OGS Case No. 22-2847.

The existing CDBG MIT Grant and special SRF Funding for Hurricane Ian (DW SRF) has been sought to implement all water supply infrastructure improvements discussed in this report.

**Summary of Improvements**

Item	Description	Date	Cost	Funding Source	Comment
O&M #1	Exercise Valves	1/2024	\$25,000	O&M	Complete
O&M #2	Maintenance of 200,000 Gallon Elevated Tank	2/2024	\$418,030 funded over 5 years	O&M	Under contract.
CIP #1	Design PVC water main along Kennedy Blvd. from Lake Weston to Keller Rd. Figure 9-1	8/2024	TBD	DW SRF or CDBG MIT grant	Required before Phase 1 Kennedy Blvd. widening project
CIP #2	Replace old A/C pipe with new 16” WM Figure 9-1	12/2024	TBD	DW SRF or CDBG MIT grant	Required before Phase 2 Kennedy Blvd. widening project
CIP #3	Modify Consumptive Use Permit (CUP) to meet potable water demands.	TBD	TBD		
CIP #4	Increase well pumping rate capacity from 1000 gpm to 2300 gpm	TBD	TBD	DW SRF or CDBG MIT grant	
CIP #5	Design/Construct new WTP to refurbish/replace existing WTP	4/2025	\$3M	CDBG MIT grant	

CIP #6	Upsize pipes to improve fireflow reliability.	2025	TBD	DW SRF or CDBG MIT grant	\$14.5 M submitted
CIP #7	Design/Construct/Test Lower Floridan Aquifer (LFA) to meet demands beyond 2025	2025	TBD	DW SRF	\$14.5 M submitted
CIP #8	Emergency interconnect with Maitland	2026	TBD	DW SRF	\$14.5 M submitted

**ACTION: CLOSE OUT FDEP CONSENT ORDER OGS CASE NO. 22-2847**

The Town has met all compliance requirements of the consent order case, including the P-2 In-kind project, accepted by FDEP on October 4, 2023. This in-kind project was accepted in lieu of the \$13,125 in civil penalties. Final documentation is in progress and will be submitted to FDEP on on 2/5/2024 for final closeout.

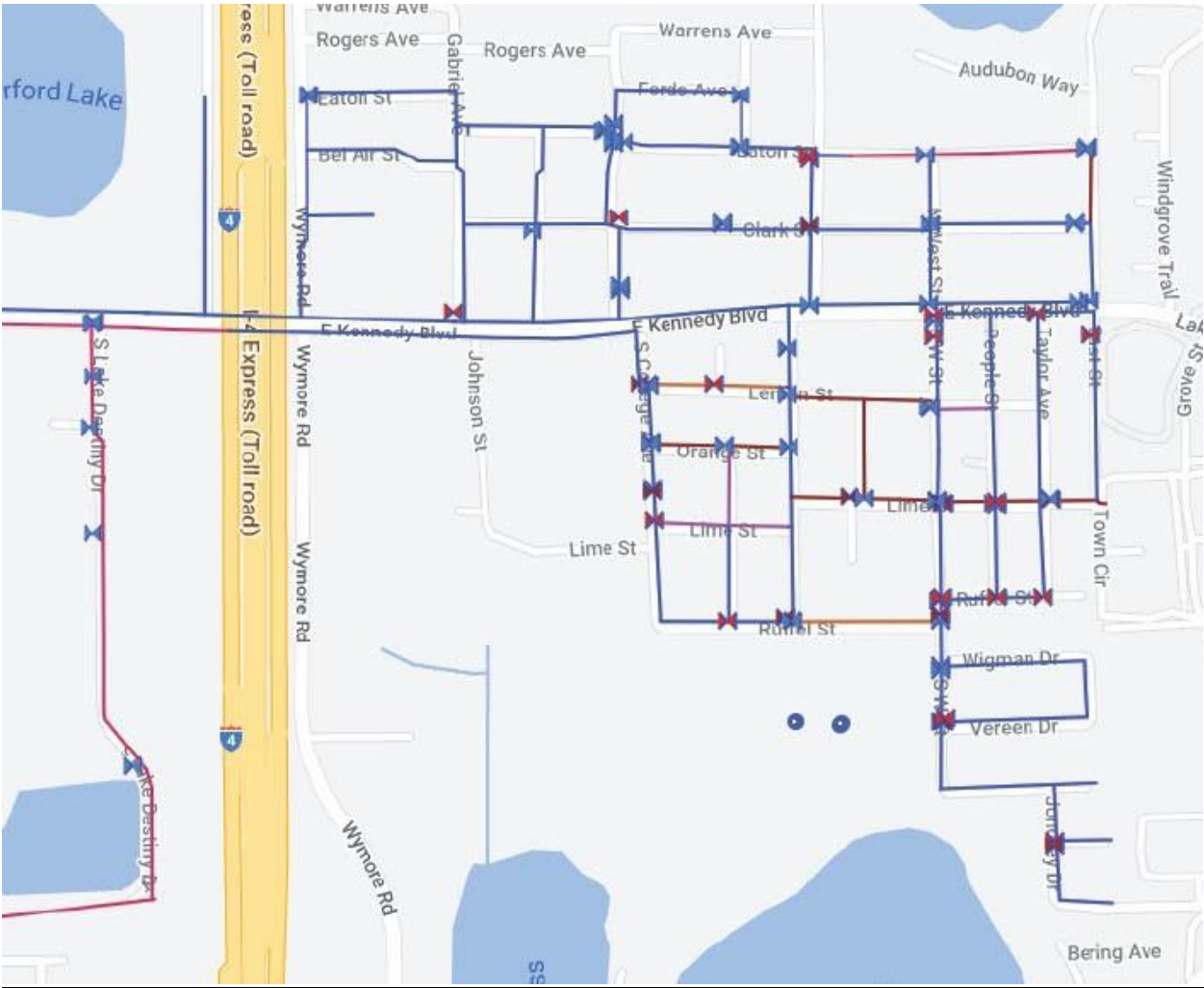
The project used for the P2 In-kind is the generator refurbishment and relocation project for the Vereen and Campusview lift stations, started in September 2023. All generators have been relocated and refurbished by vendor Detroit Diesel along with electrical and general contractors Scott Electrical Contractors and Stephenson Construction. All lift stations have back up emergency power to ensure the lift stations will operate in the event of a power shutdown.

# ACTION: OPERATION AND MAINTENANCE PROJECTS

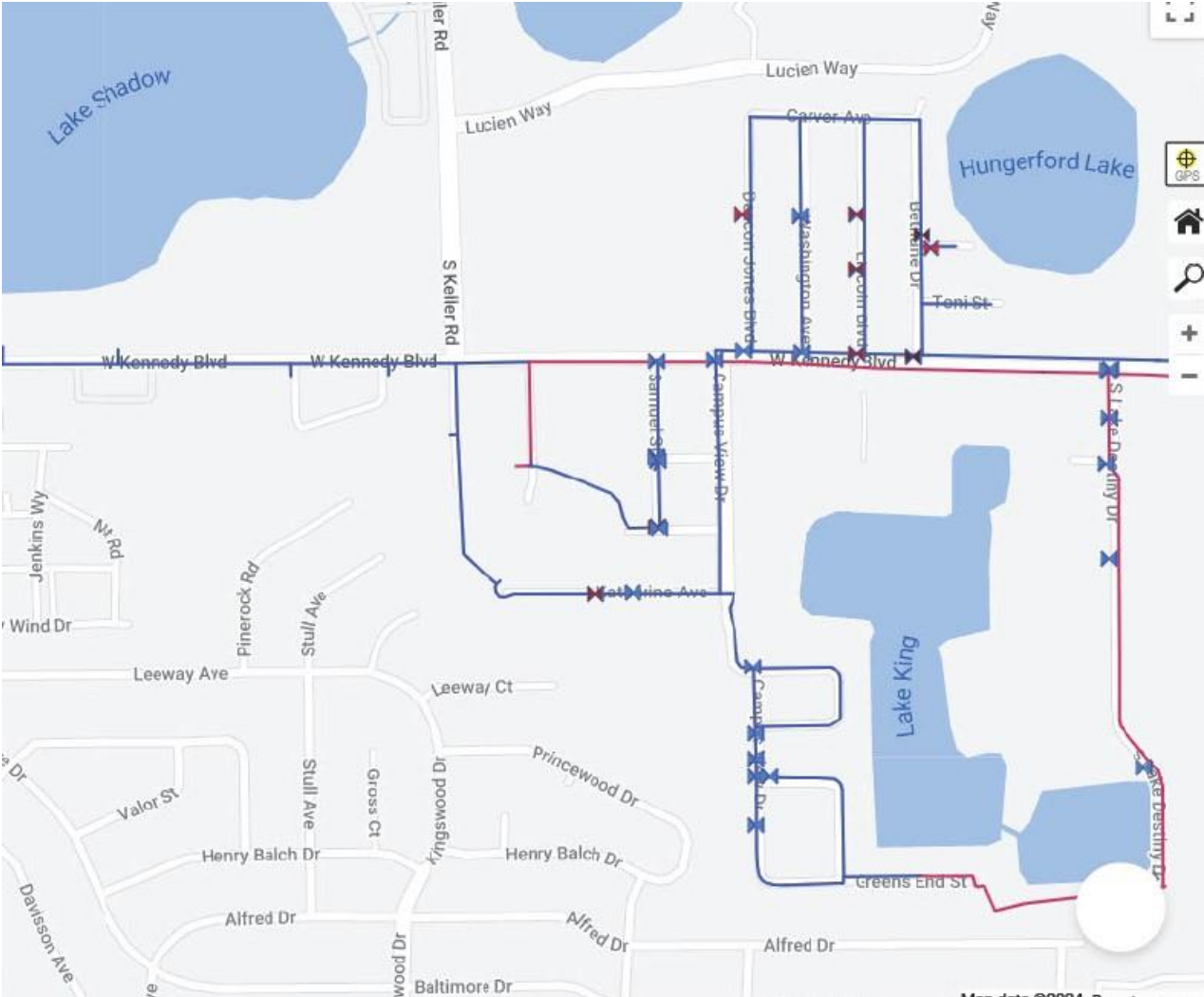
## Operations and Maintenance Project #1 – Valve Exercise Program

A valve exercising program was performed on the Town’s water distribution system during the month of December by Hydromax. By exercising valves, we were able to identify the valves that were inoperable and require replacement. Many of the valves at critical locations shown in the exhibit below in red, were found to be inoperable. These valves requiring replacement will be scheduled with future pipe replacement capital improvements.

### East Valves



West Valves



According to the National Environmental Services Center, it is recommended that water systems exercise their valves at least once every two years, if not annually. However, some valves may need to be exercised more or less frequently depending on their location or unusual operating conditions .

Valve exercising is an industry-standard recommendation to help maintain the valves' useful life, safety, and operation . Regular valve exercising can help ensure that the valves will operate when they're needed for a repair on that section of line, to turn off the water to a broken line . Not being able to shut down a section of pipe only hinders the repairs.

## Inoperable Valves (partial list)

ValveID	Inspector	InspectDate	Street Name	Operating ConditionID	Surface CoverID
WATERVALVE_SE_009	Nick Oliver	1/11/2024 12:46	College Ave S	Inoperable	Asphalt
P1-HF12	Nick Oliver	1/11/2024 14:12	Lemon St	Inoperable	Concrete
WATERVALVE_SE_074	Nick Oliver	1/12/2024 19:42	Lime St	Inoperable	Asphalt
WATERVALVE_SE_112	Nick Oliver	1/12/2024 18:37	Berthann Ln	Inoperable	Asphalt
WATERVALVE_SE_104	Nick Oliver	1/12/2024 18:23	Ruffell St	Inoperable	Concrete
WATERVALVE_SE_012	Nick Oliver	1/12/2024 13:49	S College Ave	Inoperable	Concrete
P1-HF14	Nick Oliver	1/12/2024 19:42	Lime St	Inoperable	Asphalt
P1-HF17	Nick Oliver	1/12/2024 16:02	Lime St	Inoperable	Concrete
P1-HF18	Nick Oliver	1/12/2024 16:14	Lime St	Inoperable	Concrete
WATERVALVE_SE_071	Nick Oliver	1/16/2024 13:20	People St	Inoperable	Concrete
WATERVALVE_NE_081	Nick Oliver	1/16/2024 19:16	N E St	Inoperable	Concrete
WATERVALVE_NE_035	Nick Oliver	1/16/2024 15:25	Clark St	Inoperable	Concrete
WATERVALVE_SE_085	Nick Oliver	1/16/2024 14:15	S E St	Inoperable	Concrete
WATERVALVE_NE_017	Nick Oliver	1/16/2024 15:12	Clark St	Inoperable	Concrete
WATERVALVE_NE_078	Nick Oliver	1/16/2024 14:37	N E St	Inoperable	Asphalt
WATERVALVE_SE_089	Nick Oliver	1/16/2024 13:50	People St	Inoperable	Brick
P1-HF20	Nick Oliver	1/16/2024 16:16	Gabriel Ave	Inoperable	Concrete
P1-HF25	Nick Oliver	1/16/2024 13:44	People St	Inoperable	Concrete

## **Operations and Maintenance Project #2 – West Water Tower Maintenance**



The contract for the West Water Tower maintenance was executed on February 15, 2022. The work engaged Utility Service, Inc. and the contract was later assigned to USG, Inc. This work was for the repair and maintenance of the 200,000 gallon elevated water storage tank.

### **Condition of Existing West Elevated Water Storage Tower**

### **Proposed improvements to the existing West Elevated Water Storage Tower**





## West Elevated Water Storage Tower Schedule

- A. Preliminary coordination activities with vendors including Biometrics, Process Control, Inc., CPH Engineers and USG, Inc (Tank Contractors) - **(December 1 – January 29, 2023)**
  - 1. Ensure all systems at water plant are functioning
  - 2. Exercise valves
  - 3. Conduct fireflow demonstrations to meet fireflow demands and pressures
  - 4. Coordinate with Lake Weston Apartments maintenance personnel
  - 5. Update SCADA programming to ensure monitoring of water system is functioning
  
- B. Westside Storage Tank Refurbish & Repair **(February 12- May 3, 2024)**
  - a. Town issues Notice to Proceed – **(February 12-19, 2024)**
  - b. Drain Water Tower
  - c. Interior Repairs, Blasting and Priming
  - d. Interior Stripe Coating
  - e. Interior Finish Coating
  - f. Exterior Blast & Priming
  - g. Exterior Stripe
  - h. Exterior Finish Coat
  - i. Exterior Logo
  - j. Disinfection & Closeout
  - k. Fill and Reconnect storage tank to system **(May 3, 2024)**

**Note: During the maintenance process, the Tower will be covered in a curtain for protection of the environment. See photos below:**



## Capital Improvements Recommendations:

The 10-yr Water Supply Study shown in a separate document, summarizes major capital improvements necessary to develop, treat, and distribute water for the period of 10 years. The proposed capital improvements are based on the projected demands to supply source water and meet treatment, storage and pumping needs to 2040.

### 4.1 Major Capital Improvements in CIP Budget

The total probable project cost to implement the proposed projects is approximately \$30 Mil over the next 10 years.

Major improvements in the current CIP budget identified in this WSFWP to meet future demands include the following:

### Capital Improvements Projects

#### CIP #1 – Figure 9-1

Design and replace pvc pipe on West Kennedy from Lake Weston Apartments to Keller Rd.

#### CIP #2 - Figure 9-1

Design and Replace A/C pipe along Kennedy Blvd from East Street to Deacon Jones. \$2.0 Mil

#### CIP #3 - Figure 9-2

Modify Consumptive Use Permit to meet future potable water demands

#### CIP #4 – Figure 9-2

Increase existing well pumping rated capacity by at least 1,300 gpm (from 1,000 gpm to 2,300 gpm).

- a. Conduct well pump yield step drawdown test. \$25,000 each = \$50,000
- b. Upsize well pump and motors. \$75,000 each = \$150,000

#### CIP #5 – Figure 9-2

Design/Construct New WTP to refurbish/Replace Existing WTP.

- a. Design/Construct new HSP Building (Includes new HSPs, chemical feed systems and diesel generator). \$4.6 Mil
- b. Design/Construct new 0.5-MG GST. \$1.0 Mil

Prototype: City of Orlando Downtown Lift Station #1. This building was designed to blend in with the residential environment.

The Town of Eatonville's new water treatment plant building will make the building habitable for operators and other personnel maintaining the plant.

Sample Photos:



CIP #6 – Figures 9-3/9-4

Upsize lines to provide fire flow reliability – Eatonville East

CIP #7 – Figure 9-3

Modify CUP limit to 0.420-mgd AADD relative to the CFWI 2025 UFA limitations.

- a. Permit LFA well to meet future demands. Includes Extended Period Simulation (EPS) hydrogeologic modeling impact evaluation. \$75,000
- b. Design/Construct/Test LFA well to meet demands beyond 2025. \$2.0 Mil

CIP #8A/B – Figure 9-4

Explore opportunity to provide an emergency interconnect with the City of Maitland

**ACTION: State Revolving Fund Hurricane Ian – Request for Inclusion Grant Application**

Application was made on December 31, 2023 for the Florida Department of Environmental Protection, Request for Inclusion in the Drinking Water Priority List. This was a special funding issue for municipalities impacted by Hurricane Ian. The amount requested is \$14.5 Million.

Additional technical assistance for this application was provided by SERCAP.

**ACTION: Kennedy Blvd. Widening Project**

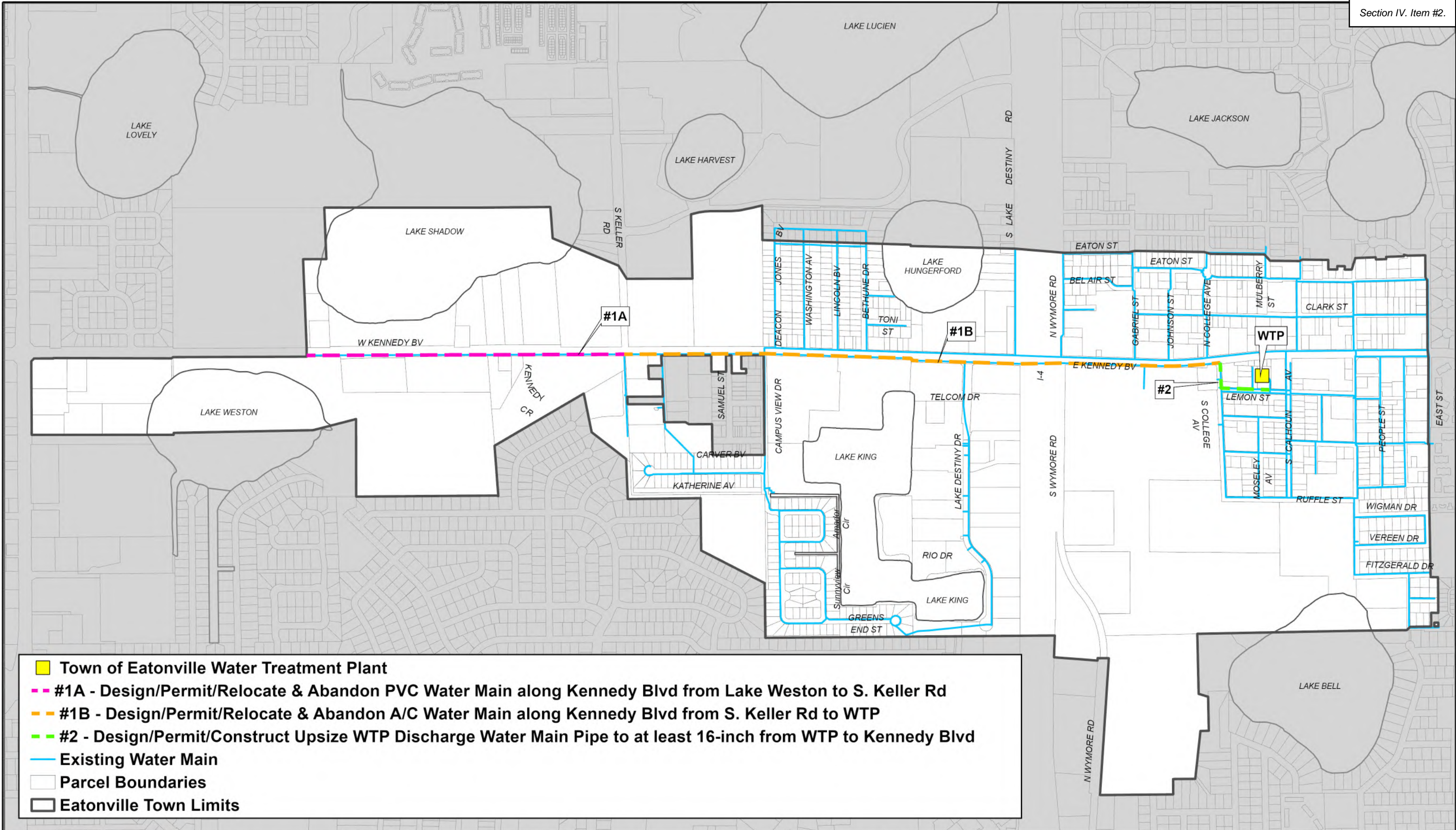
Through our communications with Orange County Public Works Department, we were notified that the design plans are complete, and construction is planned as follows:

**Kennedy Blvd. Widening Construction**

Phase	Limits	Construction Start	Construction End
Phase 1	All American Blvd to west of Keller Blvd	October 2024	October 2026
Phase 2	West of Keller Rd. to Wymore	October 2026	October 2028

Note: Dates are estimated and are a function of acquisition and bidding activity.

Note: All watermain replacement within the limits of the Kennedy Blvd. Phase 1 widening project, should be currently scheduled for improvement and funded during the 2024 calendar year.



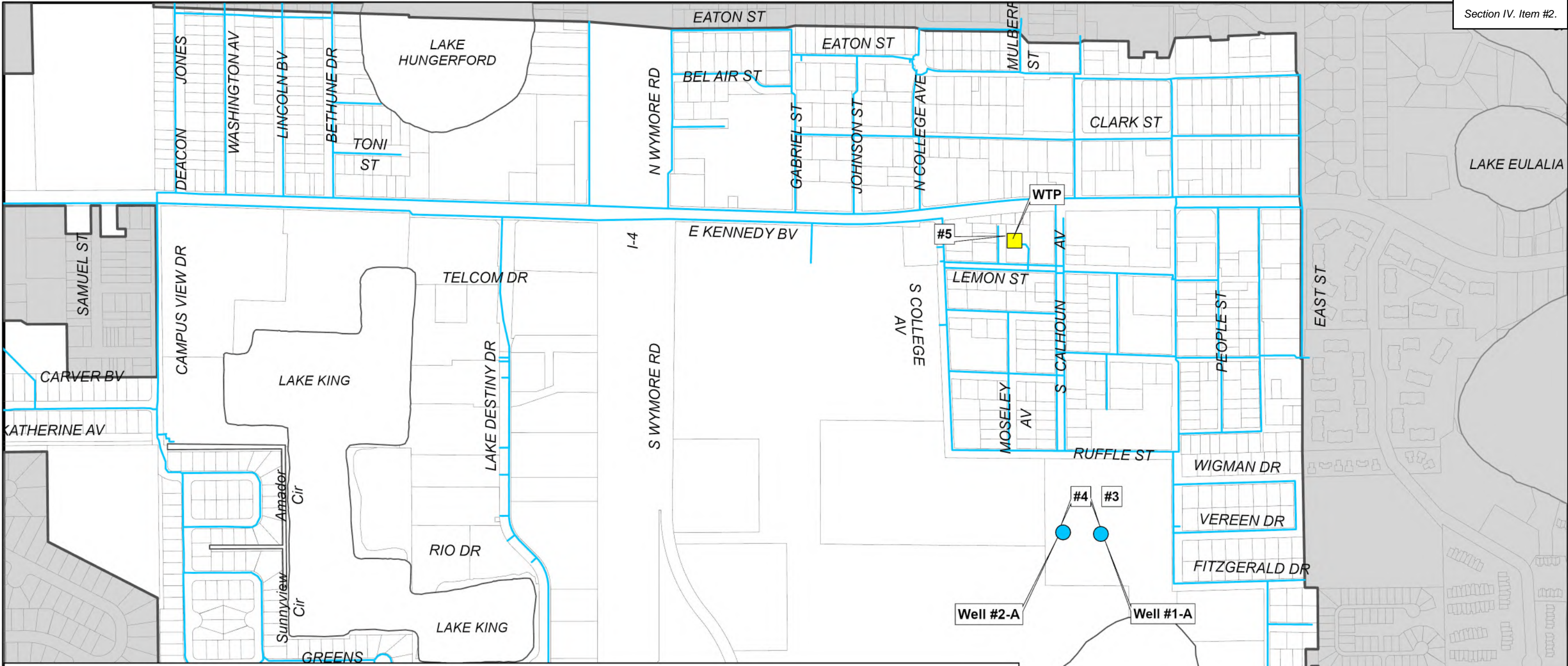
- Town of Eatonville Water Treatment Plant
- - - #1A - Design/Permit/Relocate & Abandon PVC Water Main along Kennedy Blvd from Lake Weston to S. Keller Rd
- - - #1B - Design/Permit/Relocate & Abandon A/C Water Main along Kennedy Blvd from S. Keller Rd to WTP
- - - #2 - Design/Permit/Construct Upsize WTP Discharge Water Main Pipe to at least 16-inch from WTP to Kennedy Blvd
- Existing Water Main
- Parcel Boundaries
- Eatonville Town Limits

Scale: 1 inch = 800 feet
Date: 1/26/2024
Photo Date: N/A
Project No. E6614
GIS: LEC



TOWN OF EATONVILLE POTABLE WATER SYSTEM RECOMMENDATIONS - PHASE 1

TOWN OF EATONVILLE  
ORANGE COUNTY, FLORIDA



**#3: Modify CUP to meet future potable water demands.**

- #4:**
- Increase existing well pumping rated capacity from 1,000 gpm to 2,300 gpm.
  - Conduct well pump yield step drawdown test.
  - Upsize well pump and motors.

- #5:**
- Design/Construct NEW WTP to Refurbish/Replace Existing WTP.
  - Design/Construct NEW HSP Building (Includes NEW HSPs, chemical feed systems and diesel generator).
  - Design/Construct NEW 0.5-MG GST.

<span style="color: yellow;">■</span>	Town of Eatonville Water Treatment Plant
<span style="color: blue;">●</span>	Town of Eatonville Well Locations
<span style="color: blue;">—</span>	Existing Water Main
<span style="border: 1px solid black;"> </span>	Parcel Boundaries
<span style="border: 2px solid black;"> </span>	Eatonville Town Limits



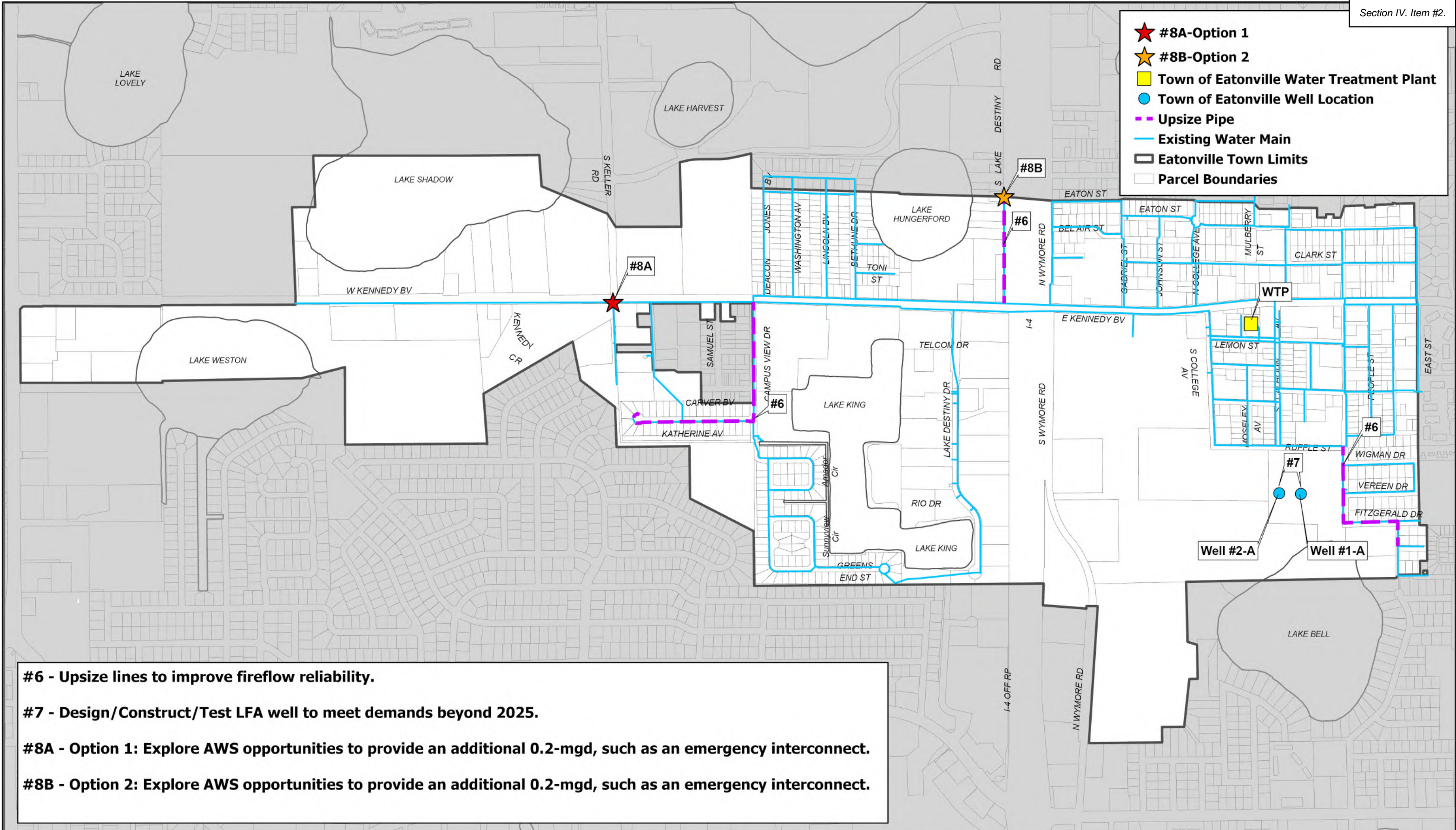
Scale: 1 inch = 500 feet  
 Date: 1/26/2024  
 Photo Date: N/A  
 Project No. E6614  
 GIS: LEC



TOWN OF EATONVILLE POTABLE WATER SYSTEM RECOMMENDATIONS - PHASE 2

TOWN OF EATONVILLE  
 ORANGE COUNTY, FLORIDA

- ★ #8A-Option 1
- ★ #8B-Option 2
- Town of Eatonville Water Treatment Plant
- Town of Eatonville Well Location
- - - Upsize Pipe
- Existing Water Main
- Eatonville Town Limits
- Parcel Boundaries



- #6 - Upsize lines to improve fireflow reliability.**
- #7 - Design/Construct/Test LFA well to meet demands beyond 2025.**
- #8A - Option 1: Explore AWS opportunities to provide an additional 0.2-mgd, such as an emergency interconnect.**
- #8B - Option 2: Explore AWS opportunities to provide an additional 0.2-mgd, such as an emergency interconnect.**



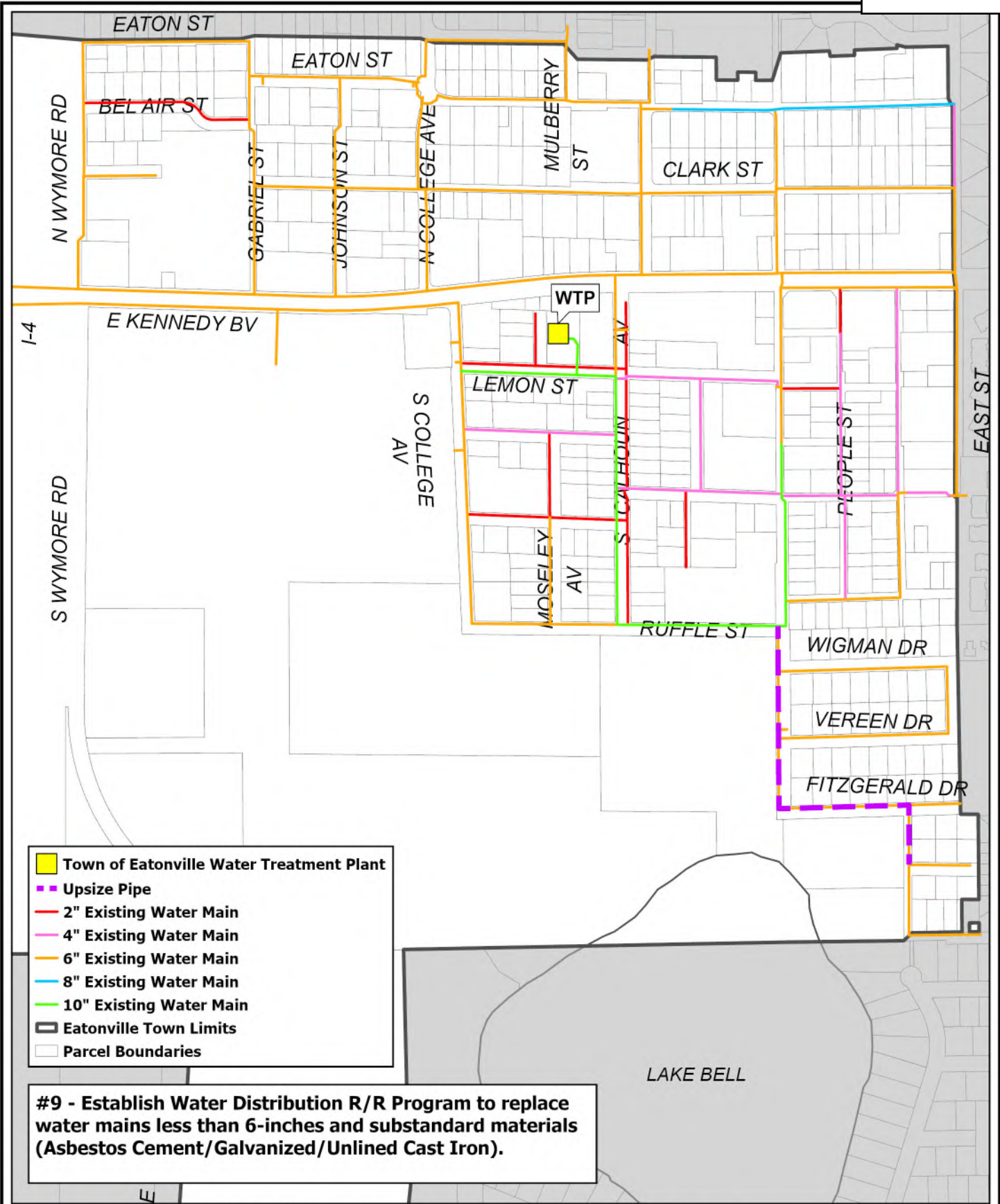
Scale: 1 inch = 800 feet  
 Date: 1/26/2024  
 Photo Date: N/A  
 Project No. E6614  
 GIS: LEC



TOWN OF EATONVILLE POTABLE WATER SYSTEM RECOMMENDATIONS - PHASE 3

TOWN OF EATONVILLE  
 ORANGE COUNTY, FLORIDA

**FIGURE 9-3**



- Town of Eatonville Water Treatment Plant
- Upsize Pipe
- 2" Existing Water Main
- 4" Existing Water Main
- 6" Existing Water Main
- 8" Existing Water Main
- 10" Existing Water Main
- Eatonville Town Limits
- Parcel Boundaries

**#9 - Establish Water Distribution R/R Program to replace water mains less than 6-inches and substandard materials (Asbestos Cement/Galvanized/Unlined Cast Iron).**



Scale: 1 inch = 500 feet  
 Date: 1/26/2024  
 Photo Date: N/A  
 Project No. E6614  
 GIS: LEC



TOWN OF EATONVILLE  
 SMALL LINE REPLACEMENT PROGRAM

TOWN OF EATONVILLE  
 ORANGE COUNTY, FLORIDA

**FIGURE 9-4**





# Florida Department of Environmental Protection

## REQUEST FOR INCLUSION ON THE DRINKING WATER PRIORITY LIST

Drinking Water State Revolving Fund Program  
Douglas Building, 3900 Commonwealth Blvd, Tallahassee, Florida 32399-3000

The information in this Request for Inclusion (RFI) application is used to determine project eligibility and priority scoring. The priority score is used to rank projects for placement on the State Revolving Fund (SRF) priority list. Only projects placed on the fundable portion of the priority list receive consideration for a loan. Please note that costs incurred before the adoption of the project on the fundable or waiting portion of the priority list are not eligible for reimbursement.

### 1. Applicant's Name and Address.

Project Sponsor: Town of Eatonville Contact Person: Valerie Mundy, P.E. Title: Public Works Director  
307 E Kennedy Blvd.

(street address)

Eatonville

(city)

407 576-2642

(telephone)

(ext.)

Orange

(county)

32751

(zip code)

vmundy@townofeatonville.org

(e-mail)

Contact Person Address (if different):

(street address)

(city)

(state) (zip code)

### 2. Name and Address of Applicant's Consultant (if any).

Firm: SERCAP Contact Person: Amanda Giorgio Title: TAP  
2222 NW 40th Terrace A

(street address)

Gainesville

(city)

289 572-3564

(telephone)

(ext.)

32605

(zip code)

agiorgio@sercap.org

(e-mail)

### 3. Type of Loan Requested in this Application. (select only one loan category and project type)

Planning Loan <input type="checkbox"/>	Design Loan <input type="checkbox"/>	Planning and Design Loan <input checked="" type="checkbox"/>	Construction Loan <input checked="" type="checkbox"/>
--	--------------------------------------	--	---

Project Type: Design/Bid/Build  Design/Build (D/B)  Construction Manager at Risk (CMR)

Note: Procurement of professional services must meet the requirements of the Consultants' Competitive Negotiation Act, Section 287.055, F.S.

**Eligibility for a Loan.** In order to be considered for a priority listing, the following conditions must be met:

- The respondent to this solicitation must qualify as a "project sponsor" as defined in subsection 62-552.200(27), F.A.C.
- The minimum construction loan amount is \$75,000.
- The project sponsor must agree to submit biddable plans and specifications within 1-year after execution of the loan agreement to qualify for a combined planning and design loan.
- The project is part of a public water system as defined in subsection 62-552.200(28), F.A.C., and may include drinking water supply, storage, transmission, treatment, disinfection, distribution, residuals management, and appurtenant facilities.

# REQUEST FOR INCLUSION ON THE DRINKING WATER PRIORITY LIST

Section IV. Item #2.

## 4. Median Household Income, Population and Principal Forgiveness Percentage (PF%). (complete a. through e. below)

- a. Median household income (MHI): \$29,667 (current U.S. Census data or verifiable estimates)
- b. State median household income (SMHI): \$61,777 (current U.S. Census data)
- c. Population (P) served 2690 = number of service connections 1076 times 2.5 persons per connection to include proposed connections.
- d. Is the project sponsor applying for a planning and/or design loan with principal forgiveness? Yes  No . If yes, then PF is 50%. *Only a sponsor that qualifies as a financially disadvantaged small community is eligible for a planning/ design loan with PF.*
- e. Is the project sponsor applying for a construction loan with principal forgiveness? Yes  No . If yes, then PF% is calculated using the formula:  $PF\% = 1760/9 - 160 \times (MHI/SMHI) - 7/4500 \times P$ .

Calculate PF% for a construction loan using the above formula: 90 (minimum 20% and maximum 90%).  
If the sponsor is connecting a financially disadvantaged small community as defined below, a maximum 50% PF is available.

Please note that the calculated PF% is an estimate and the actual percentage will be determined by the Department. The amount of loan available with principal forgiveness for a project is dependent upon the amount of funds allocated for the fiscal year.

**Eligibility for a loan with principal forgiveness.** In order to be considered for a loan with principal forgiveness, the following conditions must be met:

- The project sponsor must qualify as a financially disadvantaged small community public water system as defined in Rule 62-552.200, F.A.C., unless the sponsor is specifically exempted from this requirement.
- The median household income (MHI) of the sponsor's service area must be less than the state median household income (SMHI) as reported from the current U.S. Census data or from verifiable estimates, unless the sponsor is specifically exempted from this requirement.
- The population (P) of the sponsor's service area must be less than 10,000 (to include the population from the project's proposed future connections), unless the sponsor is specifically exempted from this requirement.
- The project sponsor is allowed only one open loan with principal forgiveness. A loan is deemed open until the final disbursement of the project has been paid by the department.
- A project sponsor is eligible for a construction loan with principal forgiveness (maximum 50%) if connecting a community with less than 250 residential wells; an existing public water system with less than 250 service connections; or a separate, non-interconnected public water system owned by the sponsor. The project area must qualify as a financially disadvantaged small community.
- A financially disadvantaged community with a population of 10,000 or more is eligible for a construction loan with 20% principal forgiveness if dollars are available after funding all eligible financially disadvantaged small communities.
- A project sponsor that is a for-profit entity is not eligible for principal forgiveness.
- A construction project for a financially disadvantaged small community that uses a Construction Manager at Risk delivery method is ineligible for principal forgiveness.

## 5. Interest Rate Percentage.

The interest rate for a loan with the Department is determined using the following formula:

$$\% \text{ of MR} = 40 \times (MHI/SMHI) + 15 \qquad \% \text{ of MR} = \text{Percentage of Market Rate.}$$

Calculate and enter the % of MR below:

$$\% \text{ of MR for a loan: } \underline{35} \qquad (35\% \leq \% \text{ of MR} \leq 75\%)$$

Please note that the calculated % of MR is an estimate and the actual interest rate will be determined by the Department. The interest rate for a loan shall not be less than 0.2 percent.

## 6. Base Priority Score. Each project shall receive a base priority score (BPS) dependent on the weighted average of its components. The BPS shall be determined using the below formula where CPS means the component priority score and CCC means component construction cost.

$$BPS = [CPS_1 \times CCC_1 + \dots + CPS_n \times CCC_n] / \text{Total Construction Cost}$$

Select each component and component score in Table 1 below that apply to the project, enter the estimated construction costs, and calculate the base priority score.

- Component priority scores that are based on contaminant levels must be justified by sample analytical data (see exception in notes at bottom of Table 1). The date of sample collection must be less than 24-months from the submittal date of the Request for Inclusion.
- The project sponsor must provide documentation demonstrating that contaminant levels (e.g. disinfection byproducts) cannot be reduced by adjusting system operations, if applicable.

# REQUEST FOR INCLUSION ON THE DRINKING WATER PRIORITY

Section IV. Item #2.

- A compliance-1 category component score of 400 points, if selected in Table 1, must be supported by documentation demonstrating the need for the project; otherwise, a component score of 300 points shall be assigned.

*Table 1*

<u>Project Component (select all components that apply)</u>	<u>Component Priority Score</u>	<u>Component Construction Cost</u>
<b>Acute Public Health Risk</b>		
<input type="checkbox"/> <b>1a. E-Coli or Fecal Coliform Exceed MCL (62-550.310(5), F.A.C.)</b>	800 points <input type="checkbox"/>	_____
<input type="checkbox"/> <b>1b. Nitrate, Nitrite, or Total Nitrogen Exceed MCL (62-550.310(1), F.A.C., Table 1)</b>		
<input type="checkbox"/> <b>1c. Lead or Copper Exceed Action Level (62-550.800, F.A.C.)</b>		
<input type="checkbox"/> <b>1d. Surface Water Filtration/Disinfection Noncompliance (62-550.817(2), F.A.C.)</b>		
<b>Potential Acute Public Health Risk</b>		
<input type="checkbox"/> <b>2a. Nitrate, Nitrite, or Total Nitrogen 50% of MCL (62-550.310(1), F.A.C., Table 1)</b>	700 points <input type="checkbox"/>	_____
<input type="checkbox"/> <b>2b. Microbiologicals Exceed MCL (62-550.310(5), F.A.C.)</b>		
<input type="checkbox"/> <b>2c. Surface Water Enhanced Filtration/Disinfection Noncompliance (62-550.817(3), F.A.C.)</b>		
<input type="checkbox"/> <b>2d. State Health Certification of Acute Health Risk, Unregulated Microbiological Contaminant</b>		
<input type="checkbox"/> <b>2e. Violation of Disinfection Requirements (62-555.320(12), F.A.C.)</b>		
<b>Chronic Public Health Risk</b>		
<input type="checkbox"/> <b>3a. Inorganic/Organic Contaminant Exceed MCL (62-550.310(1) &amp; (4), F.A.C., Tables 1,4,5)</b>	600 points <input checked="" type="checkbox"/>	_____
<input checked="" type="checkbox"/> <b>3b. Disinfection Byproducts Exceed MCL (62-550.310(3), F.A.C., Table 3)</b>		
<input type="checkbox"/> <b>3c. Radionuclides Exceed MCL (62-550.310(6), F.A.C.)</b>		
<b>Potential Chronic Public Health Risk</b>		
<input type="checkbox"/> <b>4a. Inorganic/Organic Contaminant 50% of MCL (62-550.310(1) &amp; (4), F.A.C., Tables 1,4,5)</b>	500 points <input type="checkbox"/>	_____
<input type="checkbox"/> <b>4b. Disinfection Byproducts 80% of MCL (62-550.310(3), F.A.C., Table 3)</b>		
<input type="checkbox"/> <b>4c. State Health Certification of Chronic Health Risk, Unregulated Chemical Contaminant</b>		
<b>Compliance-1 Projects (documentation must be attached or default to Compliance-2 score)</b>		
<input checked="" type="checkbox"/> <b>5a. Infrastructure upgrades to facilities undersized, exceed useful life, or with equipment failures</b>	400 points <input checked="" type="checkbox"/>	14,565,300
<input type="checkbox"/> <b>5b. Insufficient water supply source, treatment capacity, or storage</b>		
<input type="checkbox"/> <b>5c. Water distribution system pressure less than 20 psi</b>		
<input type="checkbox"/> <b>5d. Eliminate dead ends and provide adequate looping in a distribution system</b>		
<input type="checkbox"/> <b>5e. Replace distribution mains to correct continual leaks, pipe breaks, and water outages</b>		
<input type="checkbox"/> <b>5f. New water system or extension of existing system to replace contaminated or low yield wells</b>		
<input type="checkbox"/> <b>5g. Lack of significant safety measures (e.g. chemical containment)</b>		
<input type="checkbox"/> <b>5h. Secondary Contaminant MCL Exceedance (62-550.320, F.A.C.)</b>		
<input type="checkbox"/> <b>5i. Drinking water supply project as defined in 403.8532(9)(a), F.S.</b>		
<b>Compliance-2 Projects</b>		
<input type="checkbox"/> <b>6a. Treatment, Storage, Power, and Distribution Requirements (62-555.320, F.A.C.)</b>	300 points <input type="checkbox"/>	_____
<input type="checkbox"/> <b>6b. Minimum Required Number of Wells (62-555.315(2), F.A.C.)</b>		
<input type="checkbox"/> <b>6c. Well Set-back and Construction Requirements (62-555.312 and 62-555.315, F.A.C.)</b>		
<input type="checkbox"/> <b>6d. Cross-Connection Control Requirements (62-555.360, F.A.C.)</b>		
<input type="checkbox"/> <b>6e. Physical Security Project Documented in a Vulnerability Analysis</b>		
<input type="checkbox"/> <b>6f. Consolidation or regionalization of public water systems</b>		
<input type="checkbox"/> <b>6g. Water or Energy Conservation Project</b>		
<input type="checkbox"/> <b>7. All Other Projects (including land or public water system acquisition projects)</b>	100 points <input type="checkbox"/>	_____

**Note:** Item 2d. and 4c. of Table 1 requires a State Health Officer to complete the form "Certification of a Public Health Risk". If 50% or more of wells meet contaminant levels from Table 1 above, then select the appropriate health risk category in Table 1. Flooded wells and wells under the direct influence of surface water are considered an unregulated microbiological potential acute public health risk and require documentation of occurrence in lieu of sampling data.

**7. Affordability Score.** The extent of affordability existing in a small community to be served by the project shall be reflected in the priority score. Points shall be awarded based upon two affordability criteria: median household income (MHI) and population (P) served. These points are to be added to the base priority score. Calculate the affordability score using the following formulas:

$$\text{Affordability Score} = (\text{MHI Score} + \text{Population Score})$$

$$\text{MHI Score} = 100 \times (1.00 - \text{MHI}/\text{SMHI}), \text{ zero} \leq \text{MHI score} \leq 75, \text{ rounded to nearest whole number}$$

$$\text{Population Score} = 50.0 - (P/200), \text{ population score} \geq \text{zero, rounded to nearest whole number}$$

# REQUEST FOR INCLUSION ON THE DRINKING WATER PRIORITY

Section IV. Item #2.

**8. Water Conservation Score.** A project sponsor with a qualifying water conservation project is eligible to receive an additional 100 points added to their base priority score if the sponsor provides a water conservation plan in accordance with EPA's Water Conservation Plan Guidelines document number EPA-832-D-98-001, August 6, 1998.

**9. Total Priority Score.** Total priority score equals the base priority score plus the affordability score. (complete a. through d. below)

- a. Base priority score: 1000 points.
- b. Affordability score: 89 points (> zero).
- c. Water Conservation score: \_\_\_\_\_ points.
- d. Total priority score: 1089 points (sum of items a. and c.)

**10. Estimated Project Cost.** (complete a. through i. below)  
(enter \$0 if activity is not applicable)

<u>Project Activity</u>	<u>Cost</u>
a. Planning.	_____
b. Design (not applicable if a D/B project).	_____
c. Eligible land (necessary land divided by total land times purchase price).	_____
d. Constr., equip., material, demo. & related procurement (include design if D/B project).	<u>12,623,000</u>
e. Construction contingency (10% of 'd', only applicable for Design/Bid/Build projects).	<u>1,262,300</u>
f. Technical services during construction and after bid opening.	<u>500,000</u>
g. Asset management plan per 62-552.700(7), F.A.C.	<u>180,000</u>
h. <u>Total project costs</u> (sum of a. through g.).	<u>14,565,300</u>
i. <u>Loan amount requested</u> by the sponsor in this RFI (assume no principal forgiveness).	<u>14,565,300</u>

List all funding sources (including grants for this project): \_\_\_\_\_

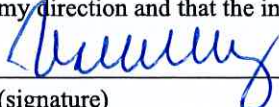
**11. Project Schedule.** (complete a. through d. below)

<u>Project Activity</u>	<u>(M/D/YY)</u>
a. Submit planning documents.	<u>3/1/24</u>
b. Submit design/bid documents or RFQ/RFP for CMR & D/B projects.	<u>10/1/24</u>
c. Start construction.	<u>11/1/24</u>
d. Complete construction.	<u>10/1/26</u>

**12. Project Information.** Provide the following information, if applicable.  
(select all items below that are attached to this RFI)

- Project description, location with lat/long (degrees), water system PWS ID, and project need (*this is a required attachment*).
- Map of city and county limits, existing and proposed service area, and project area (*this is a required attachment*).
- Lab data, lab data with operational records, or substantiated documentation in lieu of lab data for public health risk projects.
- Certification of a Public Health Risk form completed by a State Health Officer.
- Supporting documentation for projects identified under the Compliance-1 project categories from Table 1 above.
- Project schedule showing plans and specs completion within 1-year of the execution date of a planning/design loan.
- Supporting documentation if MHI not taken from current U.S. Census data.
- Water Conservation Plan in accordance with EPA guidelines.

**13. Certification by an Authorized Representative.** I certify that this form and attachments have been completed by me or at my direction and that the information presented herein is, to the best of my knowledge, accurate and true.

<p><u></u> (signature)</p> <p><u>Valerie Mundy</u> (print name)</p>	<p><u>12/26/23</u> (date)</p>	<p><u>vmundy@townofeatonville.org</u> (e-mail)</p> <p><u>Public Works Director</u> (print title)</p>
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Email the completed RFI form with attachments to [SRFRFI@FloridaDEP.gov](mailto:SRFRFI@FloridaDEP.gov) or mail to the Florida Department of Environmental Protection, State Revolving Fund Program, 3900 Commonwealth Blvd, Tallahassee, Florida 32399-3000.

# PROJECT DESCRIPTION

**Town of Eatonville, Florida**

**Request for Inclusion on the 2024 FDEP Drinking Water Priority List**

**Project Description**

Project Sponsor	Town of Eatonville
PWS ID	3480327
Location	Latitude 28.61472000 Longitude -81.38062000
Map	Attached
Description	Project funding is requested to design and construct hardened water wells, well pumps and piping to supply the City’s residents with potable water that is reliable during and immediately after storm events as well as addressing the DBP compliance consent order.
Amount Requested	\$14,565,300

**Background**

The Town of Eatonville is a historically black community, established by formerly enslaved people ten years after the Emancipation Proclamation, in Central Florida. The town owns the public drinking and wastewater system, as well as stormwater infrastructure including Lake King, which serves as both a recreational area and a stormwater basin. Eatonville’s median household income is \$27,917, which is less than half of the state median household income, and this limited access to resources has exacerbated the long-term impacts of hurricanes and other natural disasters for residents.

Eatonville was hit by hurricanes and tropical storms in the years before Hurricane Ian, including by Hurricane Irma and Tropical Storm Cristobal. Impacts from these storms included wind damage to homes, power outages, downed trees, flooding that made roads impassable, and broken water mains.

Hurricane Ian had all of the above impacts, with the addition of even greater flooding of roads, the likely incursion of stormwater into waste water lines, the flooding and overflow of Lake King and other stormwater basins and swales in the area, and residential household flooding. During and directly after the storm, the roads to the drinking water well generator were rendered impassable, so when we lost power, we were not able to refuel the emergency generator for the water supply wells.

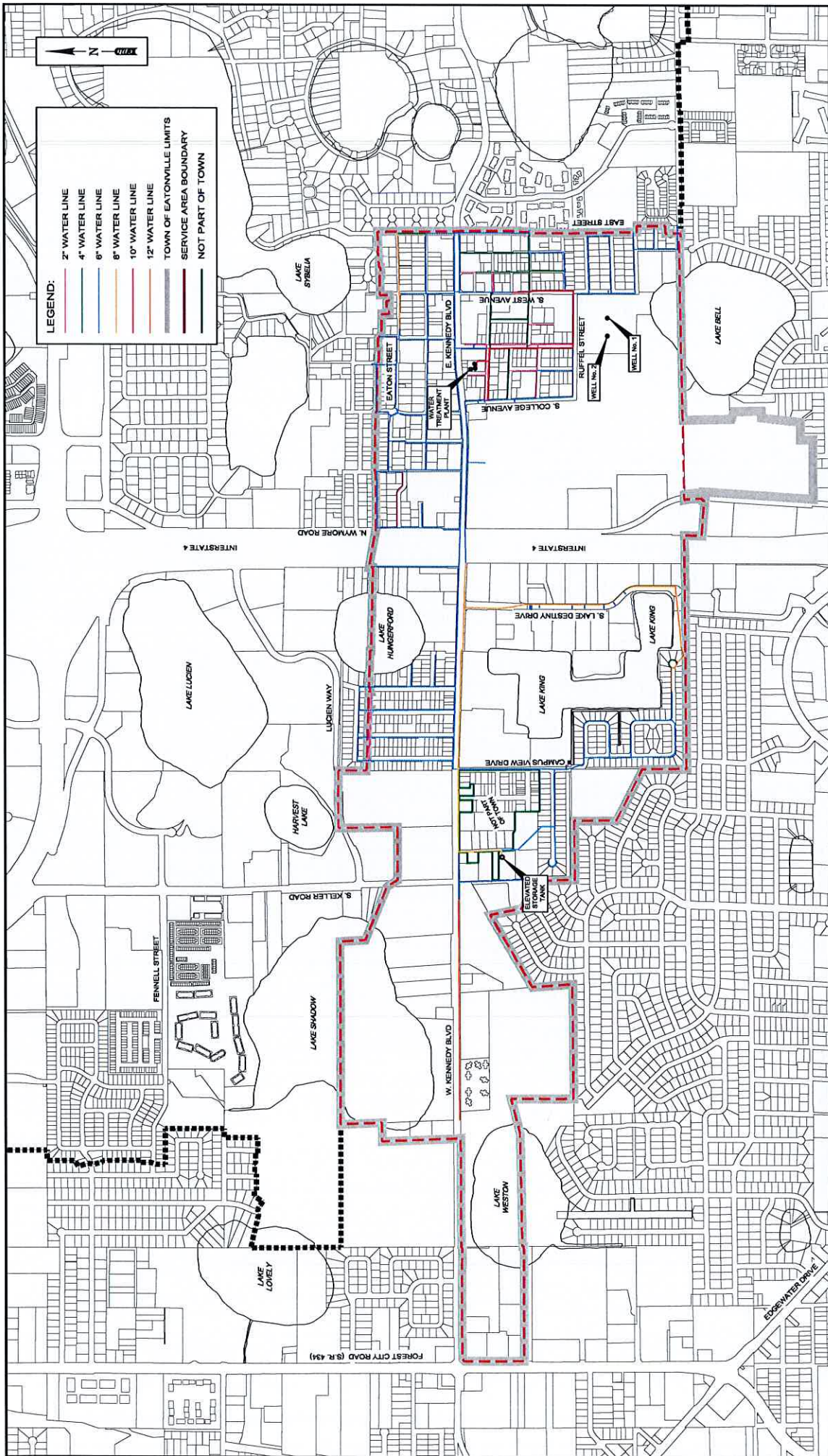
The damages and impacts described above are typical for storm-related events in Central Florida, and due to the frequency of these events, the water facilities need to be easily accessible for servicing or repairs in the direct aftermath of flooding. This is hampered, however by the location of the town’s wells

and pumps in a low-lying flood-prone area adjacent to a 100-year floodplain. Additionally, the water treatment facility does not meet current building code requirements for hurricane resiliency. The ability of the town's water system to provide continuous service for drinking water and firefighting water during and after another hurricane of the same or greater magnitude as Ian is not guaranteed, and is in fact likely to be impaired entirely.

In order to remedy this vulnerability, and make the Eatonville's drinking water system reliably resilient against hurricane damage in the future, this project has two components. First, to either move the well pump generator, or to regrade the road to and from the generator, so that even in flood conditions, it can be refueled. The second is to rebuild the water treatment plant building up to contemporary hurricane hardening standards, and to include in this rebuild any necessary flood prevention elements. Both of these projects require design and construction components, but as you can see from the timeline included, both construction elements can be undertaken within the year.

# MAP





**LEGEND:**

- 2" WATER LINE
- 4" WATER LINE
- 6" WATER LINE
- 8" WATER LINE
- 10" WATER LINE
- 12" WATER LINE
- TOWN OF EATONVILLE LIMITS
- SERVICE AREA BOUNDARY
- NOT PART OF TOWN

**TOWN OF EATONVILLE**  
**WATER DISTRIBUTION SYSTEM**  
**WATER SUPPLY FACILITIES WORK PLAN**

**Building Better  
 Communities Together**  
 1117 East Robinson Street  
 Orlando, FL 32801  
 PH: 407.425.0452



Designed by:	X
Drawn by:	GCM
Checked by:	MEI
Approved by:	X
Scale:	1" = XX'

Date: 6/19/23  
 Job No. E6613  
 File: Distribution  
 © 2023

# **SUPPORTING DOCUMENTATION FOR PROJECTS**

## Request for Inclusion on the 2024 Drinking Water Priority List

#	Activity	Estimated Start Date	Budget
1	<b>Modify CUP Limit to .420-mgd AADD relative to the CFWI 2025 UFA limitations</b>		
1a	Permit LFA well to meet future demands. Includes Extended Period Simulation (EPS) hydrogeologic modeling impact evaluation		\$ 75,000.00
1b	Design/Construct /Test LFA well to meet demands beyond 2025		\$ 2,000,000.00
2	<b>Increase well pumping rated capacity by at least 1,300 gpm (from 1,000 gpm to 2,300 gpm)</b>		
2a	Conduct well pump yield step drawdown test.		\$ 50,000.00
2b	Upsize well pump and motors		\$ 150,000.00
3	<b>Design/Construct New WTP to refurbish/Replace existing WTP.</b>		
3a	Design/Construct new HSP Building (Includes new HSPs, chemical feed systems and diesel generator)		\$ 4,800,000.00
3b	Design/Construct new 0.5-MG GST		\$ 1,200,000.00
4	<b>Design/Construct/Upsize WTP discharge water main pipe from WTP to Kennedy Blvd including 16-inch from WTP to Lemon St. , 12-inch along Lemon St., 10-inch along College Avd.</b>		\$ 213,000.00
5	<b>Design and replace A/C pipe along Kennedy Blvd. from East St. to Eacon Jones</b>		\$ 2,500,000.00
6	<b>Prepare PDR for upsizing to 8-inch along selected roadways</b>		\$ 35,000.00
7	<b>Establish Water distribution R/R program to replace water mains less than 6-inches an substandard materials (Asbestos Cement/Galvanized/Unlined Cast Iron)</b>		\$ 500,000.00
8	<b>Conduct Impact Fee and Rate Study to establish impact fees for new development and a tiered rate structure for high water users</b>		\$ 25,000.00
9	<b>Regrade road around wells to ensure access for fuel delivery to wells during flood conditions.</b>		\$ 325,000.00
10	<b>Additional Perimeter Hardening and Electronic Security of WTP and Wells</b>		\$ 750,000.00
			\$ 12,623,000.00
	Construction Contingency @ 10%		\$ 1,262,300.00
	Technical Services during construction and after bid opening		\$ 500,000.00
	Asset Management Plan		\$ 180,000.00
<b>Total Project Costs</b>			<b>\$ 14,565,300.00</b>



# Town of Eatonville 10-Year Water Supply Facilities Work Plan (WSFWP) (2022-2032 Planning Period) FDEP PWS No. 3480327 SJRWMD CUP No. 3407-4

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**Prepared For:**

**Town of Eatonville**

Chief Administrative Officer      Demetris Pressley

Public Works Director              Valerie Mundy, P.E.

**Prepared By:**

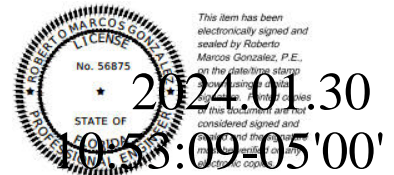
**CPH, LLC**

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CPH Job No.: E6613

**January 2024**



*Roberto M. Gonzalez*

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FL 56875



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# 1. Introduction

The Town of Eatonville (Town) authorized CPH, LLC (CPH) to prepare a 10-Year Water Supply Facilities Work Plan (WSFWP) in response to St. John's River Water Management District's (SJRWMD) requirement to adopt an updated WSFWP into the Town's Comprehensive Plan within 18 months of governing board approval of the 2020 Central Florida Water Initiative Regional Water Supply Plan (CFWI RWSP). **Town Council is required to adopt this 10-yr WSFWP into the Town's Comprehensive Plan by reference through a resolution.**

Town limits and water service area are located within the governing boards water management district's 2020 CFWI Planning Area. **Figure 1-1** presents the location of the Town relative to the CFWI Planning Area. **Figure 1-2** presents a map of the potable water service area inside and outside of town limits. In 2022, the Town provided 0.262 mgd- AADD of potable groundwater to approximately 800 connections. Future planned development is projected to increase demand to approximately 0.659 mgd to serve approximately 1,700 connections by 2040.

The 2020 CFWI RWSP contains an assessment of projected water demands and potential sources of water to meet regional water supply demands through 2040. The Town's updated WSFWP must address the following:

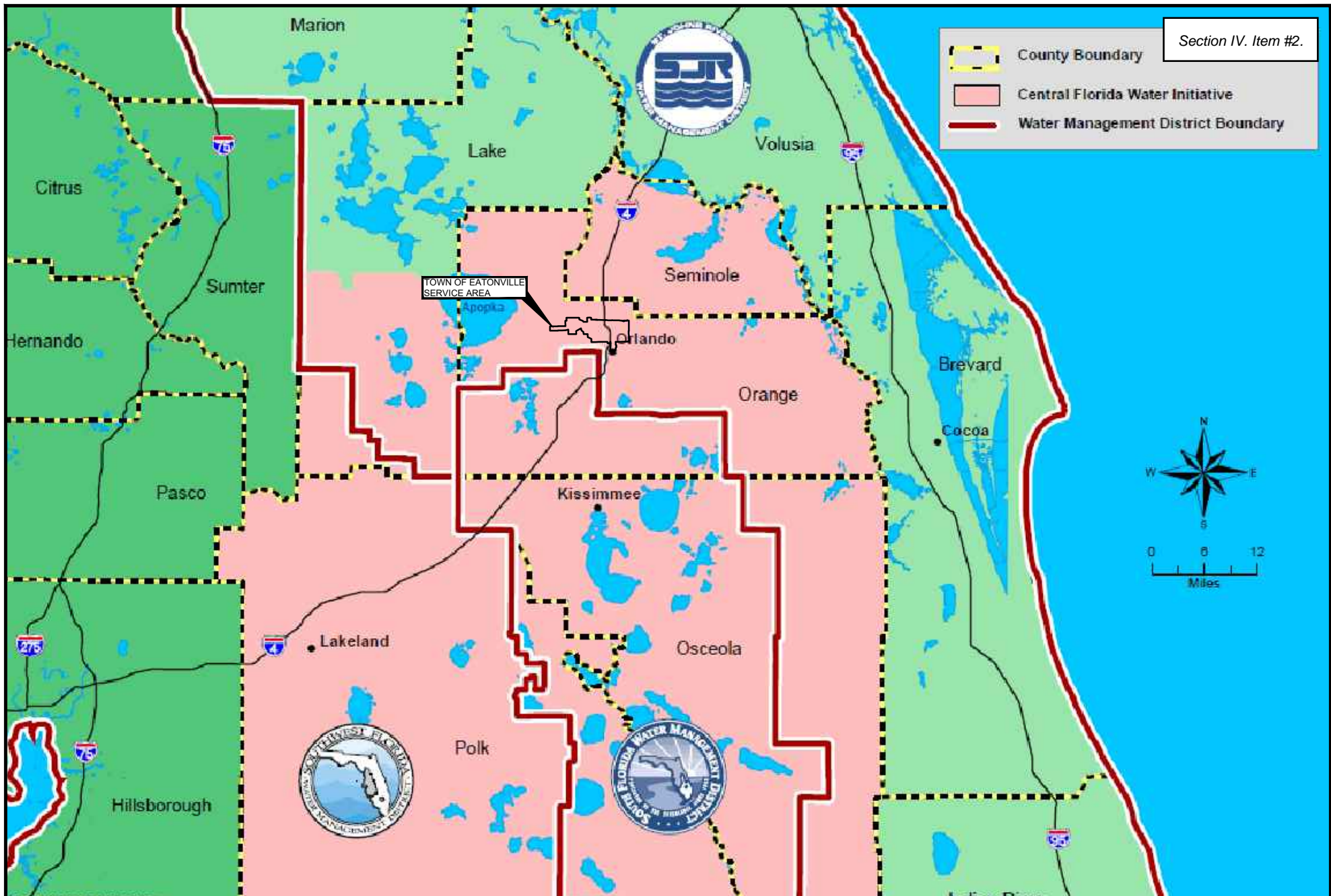
- Provide a projection of the Town's needs for at least a ten (10) year period;
- Identify and prioritize both alternative and traditional water supply facilities and sources of water required to meet future demands;
- Identify conservation and reuse measures need to meet projected future demands;
- Develop Capital Projects required to meet the projected demands for a five (5) year period also known as a five (5) year Capital Improvements Program (CIP) Plan.

## 1.1 Water Supply Strategy

**The Town's approach to meeting projected water demand over the next 20 years is by optimizing use of potable groundwater through conservation measures.** The water source is based on Consumptive Use Permit No. **Reclaimed water supply is not feasible for the Town at this time. Instead, the Town transmits collected wastewater to the City of Altamonte Springs for treatment and use as reclaimed water.**

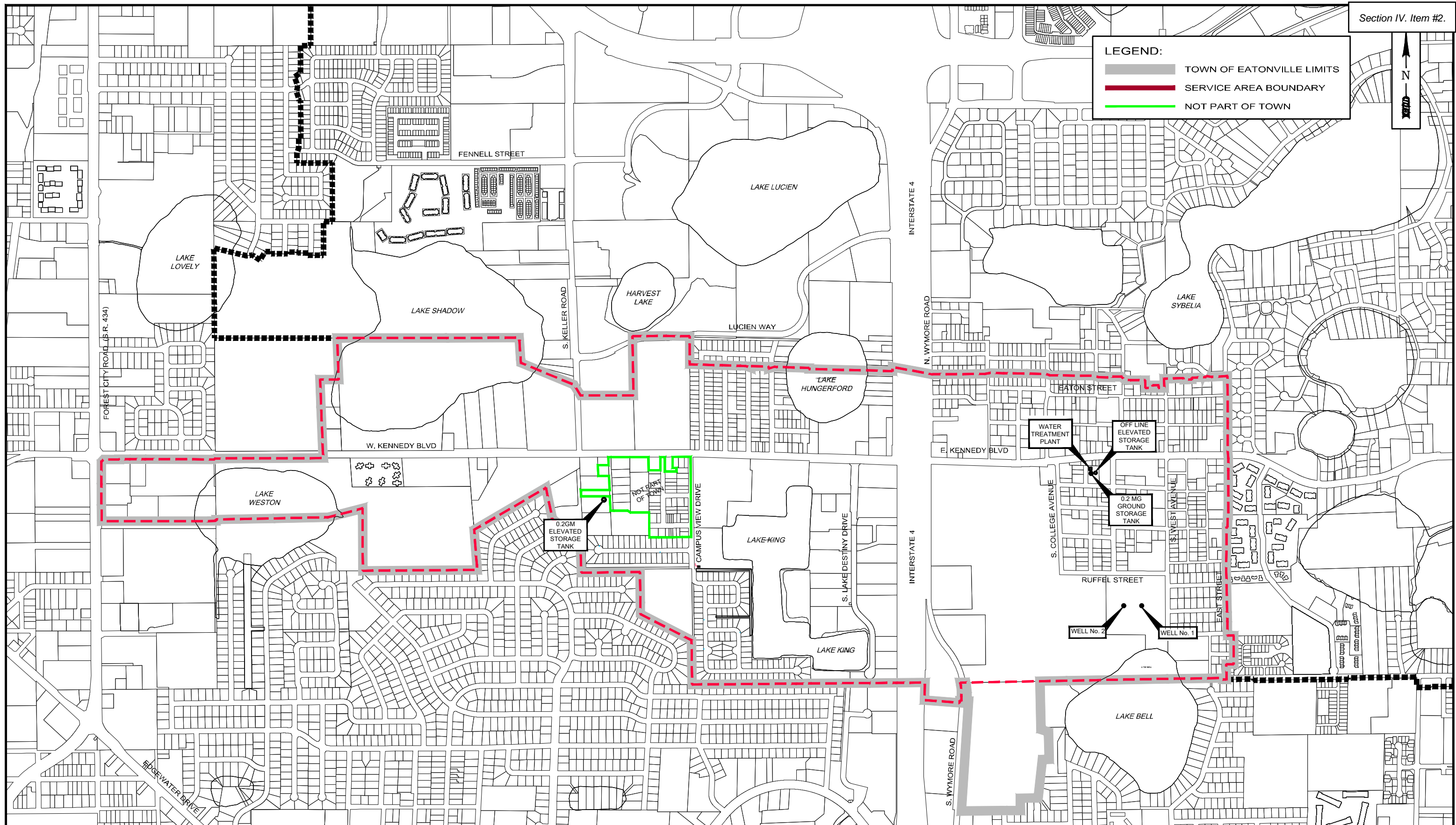
The Upper Floridan Aquifer (UFA) groundwater source is currently the only potable water source for the Town. Groundwater is also the most economical potable water source of all the available and proposed water sources in the area, and the infrastructure for treatment and distribution is already in place for the groundwater supply.





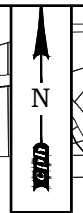
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**LOCATION OF TOWN OF EATONVILLE SERVICE AREA  
RELATIVE TO CENTRAL FLORIDA  
WATER INITIATIVE PLANNING AREA**



**LEGEND:**

- TOWN OF EATONVILLE LIMITS
- SERVICE AREA BOUNDARY
- NOT PART OF TOWN



Designed by:	RMG	Date: 6/19/23
Drawn by:	GCM	Job No. E6613
Checked by:	MEI	File: Supply
Approved by:	RMG	
Scale:	1" = 1000'	© 2023



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## TOWN OF EATONVILLE SERVICE AREA MAP

### WATER SUPPLY FACILITIES WORK PLAN

The water supply strategy is based on the following basic principles:

1. Optimize the use of the existing groundwater resources in an environmentally effective manner.
2. Continue implementation of water conservation initiatives. Evaluate effectiveness of measures and adjust if necessary.
3. Review and modify land development regulations to affect reduction in potable water use patterns.
4. Evaluate effect of long-term reduction in per capita water use by water conservation.
5. Continue to evaluate Alternative Water Supplies (AWS) and/or augmentation sources.
6. Support regional water supply initiatives, if economically, technically and environmentally feasible.
7. Seek funding assistance on AWS programs to reduce burden on existing customer base.
8. Request a modification of the existing CUP.

On a priority basis, the Town will continue the following:

- Continue to implement water conservation programs; such as require installation of water conservation devices; promote water-conserving landscaping practices; and establish tiered water rate fees.

## 1.2 Background

The 2002 Legislature expanded the local government Comprehensive Plan requirements to strengthen coordination of water supply planning and local land use planning. One of the most significant new requirements was a Long-Range WSFWP identifying needed water supply facilities for at least a 10-year planning period.

A WSFWP identifies and plans for the water supply sources and facilities needed to serve existing and new developments within the Town's jurisdiction. Within 18 months of the district approving an updated Regional Water Supply Plan (RWSP), each local government within that region must prepare and adopt a WSFWP that will become part of its Comprehensive Plan.

In November 2020, the respective governing boards of the SJRWMD, South Florida Water Management District (SFWMD) and Southwest Florida Water Management District (SWFWMD) approved the 2020 CFWI RWSP, containing an assessment of projected water demands and potential sources of water to meet regional water supply demands through 2040.

In January 2021, the SJRWMD e-mailed the Town as a reminder about the requirement to adopt an updated WSFWP by May 2022. The Town's water supply is governed by SJRWMD and is required to update the WSFWP within 18 months of issuance of the current 2020 CFWI RWSP. In an effort to standardize work plan information, SJRWMD provided a guide and format to prepare the updated WSFWP.

## 1.3 Purpose

The purpose of the WSFWP is to strengthen coordination between the Town's existing and future land use planning responsibilities to provide sustainable growth of essential infrastructure services as defined in the Town's 2018 Comprehensive Plan Amendment. The WSFWP also strengthens local water supply facilities planning activities with regional water resource development responsibilities relative to the approved water management district's 2020 CFWI RWSP planning efforts.

## 1.4 Goals and Objectives

The goal is to develop an updated WSFWP, covering a 10-year planning period, for possible construction of water supply facilities, including the development of AWS, conservation and reuse projects that could be necessary to serve existing and new development within the Town's Water Service Area.

The objective of the WSFWP is to identify capital improvements needed to develop, treat, and deliver traditional and AWS source waters that are necessary to serve existing and new development for a 10-year planning period. The WSFWP also includes conservation measures and reuse supplies that can be used to off-set demand for new water. The capital improvements needed in the first five years of the WSFWP must be included in the Town's 5-year CIP schedule.

The WSFWP addresses facilities for which the Town is responsible. The WSFWP is intended to strengthen coordination between local government land use planning responsibilities, water supply facilities planning activities and water resource development responsibilities of the SJRWMD.

## 1.5 Description of the Water System

The Town is located in north Orange County. The Public Works Department is responsible for the treatment and distribution of potable water, collection of wastewater, and operation and maintenance of the water facilities.

The Town of Eatonville provides leadership, direction, rate and fee development, long term planning, and assistance to the Town's potable water system; as well as, provides coordination with local, state, and federal regulatory agencies, including the United States Environmental Protection Agency (USEPA), the Florida Department of Environmental Protection (FDEP) and the SJRWMD.

### 1.5.1 Potable Water

Potable water is provided to the Town's residents. The Town owns, operates and maintains the water facility and distribution system. The Town's potable water treatment system is identified by FDEP as Public Water System (PWS) No. 3480327.

Potable drinking water is produced at the Water Treatment Plant (WTP). The WTP produces high quality water that meets all state and federal drinking water standards.

The Town's potable water service area encompasses approximately 1 square mile and consists of a mix of commercial, multi-family and single-family residential users. Potable water is provided to Town's customers via retail service connections.

In 2022, the Town's potable water system provided 0.262-mgd annual average daily demand (AADD) of groundwater to a population of approximately 2,988. The Town currently pumps to approximately 870 metered connections from two (2) UFA groundwater wells.

The Public Works Department is responsible for the maintenance and repair of:

- Approximately 12.5 miles of water mains ranging in diameter from 2-inch to 10-inch
- Approximately 118 isolation valves
- Approximately 71 fire hydrants
- Approximately 870 active potable water meters and service lines throughout the distribution system

## 1.6 Water Management District Legislative Background

Water management districts (WMDs) in the CFWI planning area have determined that portions of each respective district will have insufficient supplies of water from traditional sources (groundwater) over the next 20 years to meet the demands of both their growing population and the environment.

In order to ensure adequate water supplies, the Legislature has established a coordinated planning process between regional water supply plans prepared by the water management districts pursuant to Chapter 373, Florida Statutes (F.S.), and comprehensive plans prepared by local governments pursuant to Chapter 163, Part II, F.S. Under these laws, local governments must address in their comprehensive plans the water supply sources necessary to meet and achieve existing and projected water use demand for the established planning period, considering the applicable regional water supply plan prepared pursuant Section 373.709, F.S. [Section163.3167(9), F.S.]

As a result, the Legislature established a coordinated planning process between local level land use planning and WMD's regional water supply planning by necessitating the incorporation of enhanced water supply planning requirements into local government comprehensive plans. Section 163.3177(6)(c)3, F.S., requires local governments within areas projected to have insufficient supplies of water from traditional sources to amend their comprehensive plan to:

1. Incorporate the alternative water supply project or projects selected by the local government from those identified in the regional water supply plan pursuant to s. 373.709(2)(a) or proposed by the local government under s. 373.709(8)(b); and
2. Adopt a work plan, covering at least a 10-year planning period, for building public, private, and regional water supply facilities, including the development of alternative water supply projects and conservation and reuse, which are necessary to serve existing and new development.

Once adopted, the work plan must be updated within 18 months after the water management district updates the regional water supply plan, which typically occurs every five years.

**Local governments are required to amend their comprehensive plans to include a 10-year WSFWP (adopted as an exhibit).** The WSFWP should include updated data and analysis documentation, proposed/ revised comprehensive plan policies, and local government’s capital improvements program (CIP) projects related to the WSFWP.

The WSFWP should articulate the local government’s program to implement a combination of traditional and alternative water supply (AWS) project(s), reuse water, and water conservation practices/projects that are necessary to meet the local government’s future water demands. Existing and proposed comprehensive plan policies should be referenced in the WSFWP; as well as the local government’s CIP.

Section 373.036 F.S. requires that each WMD develop a 20-year water supply plan. Then within 18 months of the districts approving an updated RWSP, local governments that fall within a regional water supply planning area are required to develop a 10-Year WSFWP to ensure that adequate water supplies will be available to meet future demands, pursuant to Section 163.3177(6)(c) F.S. Local governments required to adopt a water supply work plan must comply with the following statutory requirements for water supply and facility planning:

1. Coordinate appropriate aspects of their comprehensive plan with the appropriate water management district's regional water supply plan. [Section 163.3177(4)(a), F.S.] – **Town 2018 Comprehensive Plan Amendment is compliant**
2. Revise the Potable Water Sub-Element to adopt a water supply facilities work plan covering at least a 10-year planning period to meet existing and projected demand. The work plan should address those water supply facilities for which the local government has responsibility and include the facilities needed to develop alternative water supplies. The work plan should also identify conservation and reuse measures to meet future needs. [Section 163.3177(6)(c), F.S.] - **Town 2018 Comprehensive Plan Amendment is compliant**
3. Revise the Conservation Element to assess current and projected water needs and sources for at least a 10-year planning period. The analysis must consider existing levels of water conservation, use, and protection and the applicable policies of the water management district, and the district’s approved RWSP. In the absence of an approved RWSP, the analysis must consider the district’s approved water management plan. [Section 163.3177(6)(d)3, F.S.] – **Town 2018 Comprehensive Plan Amendment is compliant**

4. Revise the Capital Improvements Element to identify capital improvements projects to be implemented in the first 5 years of the work plan for which the local government is responsible, including both publicly and privately funded water supply projects necessary to achieve and maintain adopted level of service standards; and adopt a 5-year schedule of capital improvements to include those projects as either funded or unfunded, and if unfunded, given a level of priority for funding. [163.3177(3)(a)4, F.S.] - **Town 2018 Comprehensive Plan Amendment is compliant**
5. Revise the Intergovernmental Coordination Element to adopt principles and guidelines to be used to coordinate the comprehensive plan with the regional water supply authority and with the applicable regional water supply plan. [163.3177(6)(h)1, F.S.] - **Town 2018 Comprehensive Plan Amendment is compliant**
6. During the Evaluation and Appraisal review (EAR), determine if comprehensive plan amendments are necessary to reflect statutory changes related to water supply and facilities planning since the last update to the comprehensive plan. If necessary, transmit the amendments to incorporate the statutory changes as appropriate. [Section 163.3191(1) and (2), F.S.] – **In 2018, the Town’s Comprehensive Plan was amended based on the EAR. Currently, the 2018 Comprehensive Plan Amendment is being reviewed for concurrence with water supply and facility planning.**

## 1.7 Coordination with SJRWMD

The current CUP No. 3407-4 was issued on December 17, 2012 and expires December 17, 2032. Per Condition No. 24, the Town is authorized to withdraw groundwater up to 146 MGY (0.40 mgd average) from 2012 to 2032.

The Town’s water service area is located in the CFWI planning area. The 2020 CFWI RWSP projects a groundwater demand of 0.35-mgd to serve a population of 2,702 to the Town of Eatonville by 2040. **CFWI rule making proposed to limit UFA groundwater withdrawals to 0.35-mgd based on CFWI projected 2025 demands. Whereas, future planned development in the Town projects a 0.42-mgd demand in 2025.** As a result of the CFWI rule making, several central Florida utilities issued a lawsuit to the CFWI. A summary of the CFWI settlement is provided in **Appendix A**.

In 2022, the Town provided 0.262 mgd AADD of potable groundwater to a population of approximately 2,988 customers. Future planned development plus infill of vacant parcels is projected to increase demand to approximately 0.659 mgd to serve a population of approximately 6,648 by 2040.

**Therefore, the Town needs to coordinate with the SJRWMD to revise CFWI RWSP population and water demand projections for any future RWSPs; as well as, when the Town pursues a modified or new CUP. Section 2.1**



presents population and water demand projections based on planned development identified by the Town's Planning Department plus infill of available vacant parcels.

## 1.8 Coordination with Other Suppliers

Per Section 163.3177(6)(c), F.S., the local governments are encouraged to cooperatively plan for multijurisdictional water supply facilities that are sufficient to meet projected demands for established planning period, including the developed AWSs to supplement traditional sources of groundwater and surface water suppliers. The Town is the sole supplier of potable water to retail customers within the service area with limited exceptions.

### 1.8.1 Consecutive Systems with Other Suppliers

The Town **does not provide potable water to consecutive systems with other suppliers**, at this time.

### 1.8.2 Interconnections with Other Suppliers

The Town **does not have any emergency interconnects with other suppliers**, at this time.

### 1.8.3 Reclaimed Water with Other Suppliers

The Town **does not have a reclaimed water system installed for landscape irrigation**. Instead, the Town transmits collected wastewater to the City of Altamonte Springs for treatment and use as reclaimed water. **Appendix B** presents the Eatonville/Altamonte Springs sewage treatment agreement

### 1.8.4 Regional Water Supply Projects with Other Suppliers

The Town **does not currently have any AWS projects identified in the 2020 CFWI RWSP**.

## 1.9 Extent of Responsibility

The Town is responsible for planning, financing, construction, and operation of water supply and sanitary sewer collection within the Town's service area. The Town has control of withdrawal, treatment, and distribution of potable water.

Projected water demand is based on permanent population that is expected to increase over the next 10 years due to future redevelopment, densification and vertical construction planned within the Town's service area. The Town plans to continue conservation efforts to reduce demand by installation of water conservation devices; promote water-conserving landscaping practices; and establish tiered water rate fees.

### 1.10 Planning Period

The planning period for this 10-yr WSFWP is from FY 2022 to FY 2032. Water demand projections developed for the recently updated 2025 Comprehensive Plan Update to 2045 will serve as the basis to meet water supply needs. **Table 1-1** presents historical dates relative to updating and adopting the 10-yr WSFWP into the 2018 Comprehensive Plan Amendment.

**TABLE 1-1: Town of Eatonville 2021 WSFWP Status**

Item	Description	Date	Status
1	2018 Comprehensive Plan Amendment (2018 to 2023)	December 2018	Complete
2	2020 CFWI RWSP	November 2020	Approved
3	SJRWMD Requested Updated WSFWP	January 2021	Acknowledged
4	CPH Authorized to Update 10-yr WSFWP	February 2023	Complete
5	FINAL 2022 Updated 10-yr WSFWP submitted to Town to Adopt into 2018 Comprehensive Plan Amendment by resolution	September 2023	Complete
6	FINAL 2022 10-yr WSFWP adopted into 2018 Comprehensive Plan Amendment by resolution	January 2024	In Progress

## 1.11 Scope

The following tasks were completed to update the WSFWP for the Town in accordance with FDEP guidelines (*A Guide to the Preparation of the Water Supply Facilities Work Plan, 2012*).

1. **Coordination with SJRWMD:** Coordinated with the SJRWMD regarding the 2020 CFWI RWSP to develop population and water demand projections, areas to be served, availability of traditional and alternative water supplies, bulk sale agreements, and water conservation and reuse strategies necessary to meet projected demand. Adjusted SJRWMD approved CUP No. 3407 allocated groundwater withdrawal limits for the Town's water supply for up to a 20-year planning period based on Town's Planning Department planned development.
2. **Coordination with Other Water Suppliers:** Investigated projects involving coordination with other water utilities to supply water to the Town's water service area.
3. **Define Extent of Responsibility:** Defined the extent of Town's responsibility in the planning, financing, construction and operation of the water supply facilities that serves the Town's water service area.
4. **Existing System Water Supply Facilities Data and Analysis:** Determined the ability of facilities to serve existing and future customers in the water service area. Presented data and analysis for the following:
  - a. **Population and Water Demand Projections** - Projected water demand for a planning period based on the Town's existing and future service area boundary. The 10-year WSFWP also projected an additional 10 years to a 20-year planning horizon to concur with the 2020 CFWI RWSP timeframe. Prepared projections for a 20-year planning timeframe in five-year increments (2025, 2030, 2035, and 2040).
  - b. **Service Area Boundary** - Prepared Map(s) showing the existing and future service area boundaries.
  - c. **Existing Water Supply and Facilities** - Prepared an inventory and capacity analysis of the components of the existing water supply sources and facilities. Evaluated existing water supply and facilities for the following:
    - i. Water sources (traditional and alternative), including groundwater, surface water, aquifer storage and retrieval, conservation, desalination, and bulk purchase agreements.

- ii. Map(s) showing the general location of water sources.
  - iii. Design capacity of the production facilities, such as wells and storage reservoirs.
  - iv. Current permitted consumptive use by water source.
  - v. Design capacity of the treatment facilities and map(s) showing the general location of facilities.
  - vi. Design capacity of storage facilities and map(s) showing the general location of facilities.
  - vii. Design capacity of reuse facilities and areas served (not applicable at this time).
  - viii. Major components of the water distribution facilities.
- d. **Future Need** - Determined whether additional water supplies and facilities are needed to meet future demand over the 10-year planning period.
5. **Water Conservation and Water Reuse:** Identified current and future water conservation and water reuse programs and measures that the Town is promoting.
- a. Identified programs or projects for the Town to consider which included the following:
    - i. Efficient irrigation measures, such as soil moisture and rain sensor devices.
    - ii. Landscaping/Xeriscaping regulations and guidelines.
    - iii. Low impact development techniques.
    - iv. Plumbing fixtures requirements, such as low-flow showerheads.
    - v. Water meter management (Advanced Metering Infrastructure being installed).
    - vi. Water conservation rate structure.
    - vii. Leak detection program/Regular audits of water transmission and storage facilities.
    - viii. Determination of the feasibility of reuse/reclaimed water programs and projects.
    - ix. Water conservation and reuse education programs and community outreach.
  - b. Identified strategies for construction, extension, increase in capacity, and cost/funding of reuse and reclaimed water facilities.
  - c. Identified intergovernmental coordination mechanisms necessary for implementing regional water conservation and reuse programs.

- d. Assessed how much of future demand would be reduced as a result of water conservation and reuse programs to offset projected potable water demand.
6. **Capital Improvements:** Identified capital improvements needed to develop, treat, and deliver traditional and AWS sources to serve existing and new development for a 10-year planning period, including conservation measures and reuse supplies that can be used to offset potable water demand. Recommended revisions to the Comprehensive Plan Capital Improvements Element 5-year Capital Improvements Program (5-yr CIP). Recommended revisions are intended for capital improvements needed during the first five years of the planning period (FY-2022 to FY-2027).
7. **Amend Comprehensive Plan Goals, Objectives and Policies:** Provided a 10-year WSFWP for the Town to adopt into the Current Comprehensive Plan. Recommended revisions to the Town's Comprehensive Plan were reviewed by the Town Staff to identify the text, goals, objectives and policies that would be used to adopt the WSFWP into the Comprehensive Plan. Revisions are intended to show how the Town will meet water supply demands while reflecting consideration of the CFWI RWSP. If needed, Town Staff is required to implement the selected goals, objectives and policies element for adoption to the Comprehensive Plan.

## 2. Existing System Water Supply Facilities Data and Analysis

The Town owns and operates the WTP which has two (2) active public supply wells, cascade tray aerator for hydrogen sulfide treatment, one (1) Ground Storage Tank (GST), one (1) on-site Elevated Storage Tank (EST) off-line, one (1) off-site EST on-line , and three (3) high service pumps that pump into the distribution system.

In 2022, the Town provided 0.262 mgd- AADD of potable groundwater to approximately 2,988 customers. Future planned development plus vacant land infill is projected to increase demand to approximately 0.659 mgd to serve a population of approximately 6,648 by 2040.

This section will analyze the Town's existing system water supply facilities data to determine the extent of responsibility in planning, financing, constructing and operating of the water supply facilities that will serve the community. The following will be analyzed:

- Population and Water Demand Projections – 20-year Horizon (**Section 2.1**)
- Service Area (**Section 2.2**)
- Existing Water Supply and Facilities (**Section 2.3**)
- Future Needs (**Section 2.4**)

### 2.1 Population and Water Demand Projections (20-Year Horizon)

Based on the Town Planning Department known development plus infill of vacant parcels, the Town should plan for an increase in population over the next 20 years. As a result of planned development population increase, the projected potable water demands within the Town's service area are expected to increase. **Therefore, the Town will need to modify the CUP.**

The Town limits are unlikely to expand over the next twenty (20) years, however the infill, densification and vertical development is occurring within the service area. The 2020 US Census for the Town estimated 3.89 person per household (pphh). Therefore, the Town's population is expected to increase by 122% (from 2,988 in 2020 to 6,648 in 2040).

**Table 2-1** presents the future population and potable water demands projected based on future development plus infill of vacant parcels. The projected future developments will increase the Town's projected potable water demand by approximately 146% (from 0.268 mgd in 2020 to 0.659 mgd in 2040). **Appendix C** presents the population and water demand projections for the next 20 years.

**TABLE 2-1: Population and Potable Water Demand Projections**

PARAMETERS		Population Projection		Annual Average Daily Demand Projections		Permitted CUP Withdrawal Allocation <sup>(a)</sup>	% CUP Limit	Overall Per Capita  (per Town Projections)
Year (5-year increments)		2020 CFWI RWSP <sup>(b)</sup>	Town Projections <sup>(c)</sup>	2020 CFWI RWSP <sup>(d)</sup>	Town Projections			
HISTORICAL	2015	2,324	2,669	0.33	0.33	0.40	82%	123
	2016	---	2,696	---	0.31	0.40	78%	116
	2017	---	2,723	---	0.33	0.40	82%	120
	2018	---	2,777	---	0.32	0.40	79%	114
	2019	---	2,832	---	0.32	0.40	79%	111
	2020	2,501	2,886	0.33	0.27	0.40	67%	93
	2021	---	2,941	---	0.26	0.40	66%	90
	2022	---	2,988	---	0.26	0.40	66%	88
PROJECTED	2025	2,658	4,641	0.35	0.46	0.40	115%	99
	2030	2,701	6,201	0.35	0.61	0.40	154%	99
	2035	2,702	6,648	0.35	0.66	0.40	165%	99
	2040	2,702	6,648	0.35	0.66	0.40	165%	99
<b>Increase from 2020</b>		+201	+3,762	+0.02	+0.39			
<b>% Increase from 2020</b>		+8%	+122%	+6%	+146%			

- a. Source: CUP No. 3407, issued 2012, expires 2032.  
b. Source: CFWI Appendix A Table A-5a.  
c. Source: 2020 US Census = 3.89 pph  
d. Source: CFWI Appendix A Table A-5b.

**Graph 2-2** and **Graph 2-3** present the trends of population growth and potable water demand projections, respectively. The following projections are shown:

1. 2020 CFWI RWSP Projections; and
2. Projections based on Town Planning Department known development.

**The Town's population projections do not concur with 2020 CFWI RWSP projections. Therefore, the Town should coordinate with the SJRWMD to adjust future CFWI projections.**

## 2.2 Potable Water Service Area

**Figure 2-1** presents the location map of the Town's treatment facility, the potable water distribution system, and the location of water supply sources throughout the Town service area. The Town is located in Central Florida in Orange County. The Town is contiguous to the City of Winter Park (Winter Park) to the south; the City of Maitland (Maitland) to the north and east; and unincorporated Orange County to the west and south. The Town's potable water service area encompasses approximately 1 square mile and consists of a light commercial, multi-family and single-family residential users. Potable water is provided to Town's customers via retail service connections.

## 2.3 Existing Potable Water Supply and Facilities

Withdrawal of ground and surface waters as a source of raw supply water for treatment is governed and permitted by the SJRWMD under CUP No. 3407-4. The permitted annual average groundwater withdrawal allocation is 0.40-mgd. CUP No. 3407-4 was issued on December 17, 2012 and expires December 17, 2032.

The Town's potable water treatment system is identified by the FDEP as PWS No. 3480327. The FDEP max-day design rated capacity is 1.44-mgd for PWS No. 3480327. Currently, the WTP operate at 0.72-mgd maximum daily demand, which is approximately 50% of the max-day design capacity.

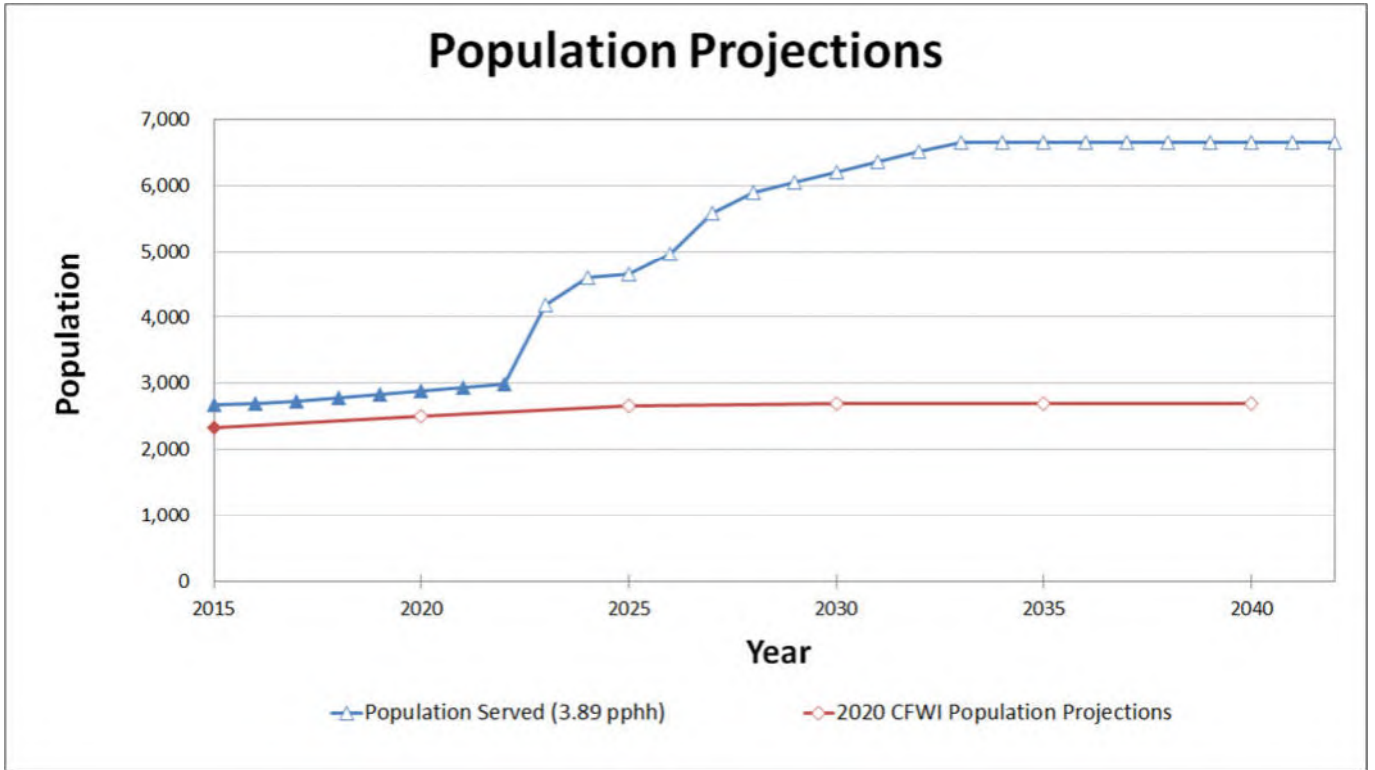
### 2.3.1 Potable Water Supply

As shown in **Figure 2-1** the raw water from the public supply wells is treated at the WTP for use as potable water. **Table 2-2** presents a summary of the raw groundwater well characteristics that are currently in service (active). Both UFA wells are active, each with an installed rated capacity of 500 gpm.

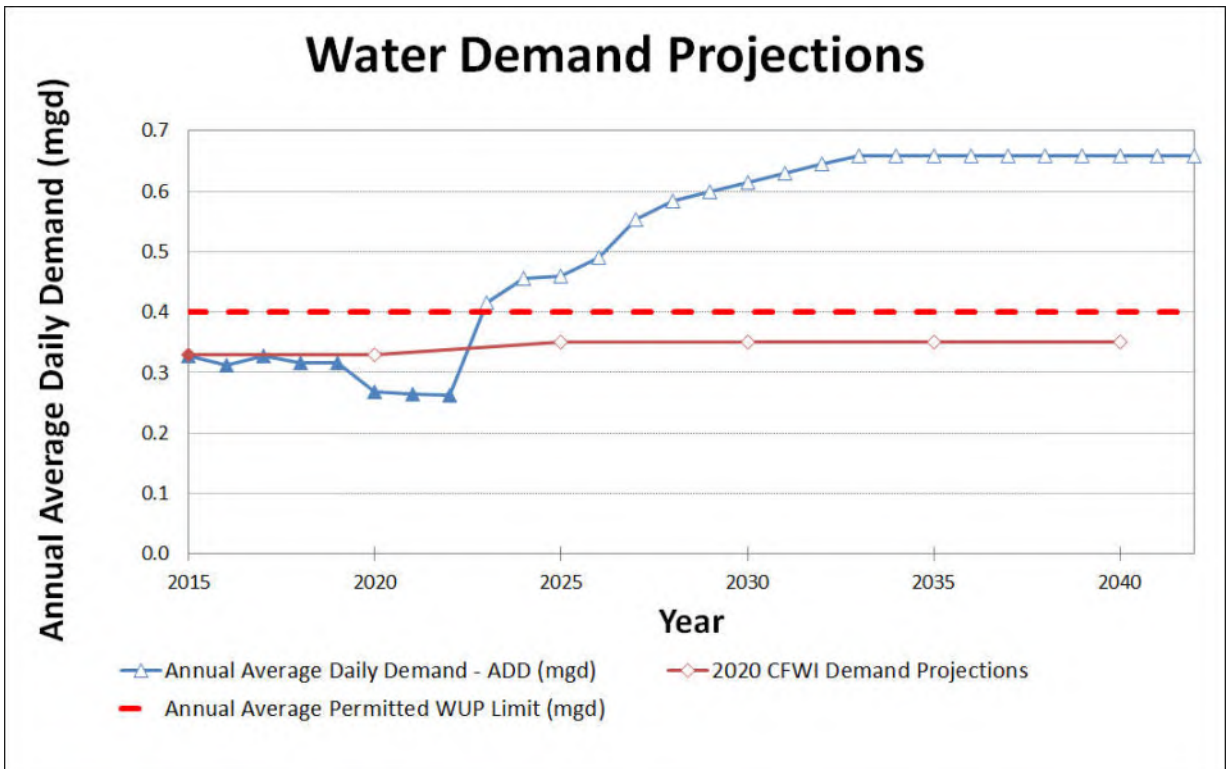
**Table 2-3** presents the annual average daily demand from the potable supply from January 2015 to December 2022 from the UFA wells tabulated based on SJRWMD Water Use Pump Reports (EN-50s). At this time, approximately 100% of the public water supply is derived from the UFA.



**GRAPH 2-2: Potable Water Service Population Growth Projections**



**GRAPH 2-3: Potable Water Demand Projections**



**TABLE 2-2: Summary of Public Supply Source Characteristics <sup>(a)</sup>**

Florida Unique Well ID	Well ID	Casing Diameter (in.)	Casing Depth (ft.)	Total Depth (ft.)	Pump Capacity <sup>(b)</sup>	Source Name <sup>(c)</sup>	Status
					Rated (gpm)		
AAI5812	Well #1 - East	12	205	601	677	UFA	Active
AAI5809	Well #2 - West	12	207	601	667	UFA	Active
<b>Total Well Capacity</b>					<b>1,344</b>		
<b>Firm Well Capacity (largest well off-line)</b>					<b>667</b>		

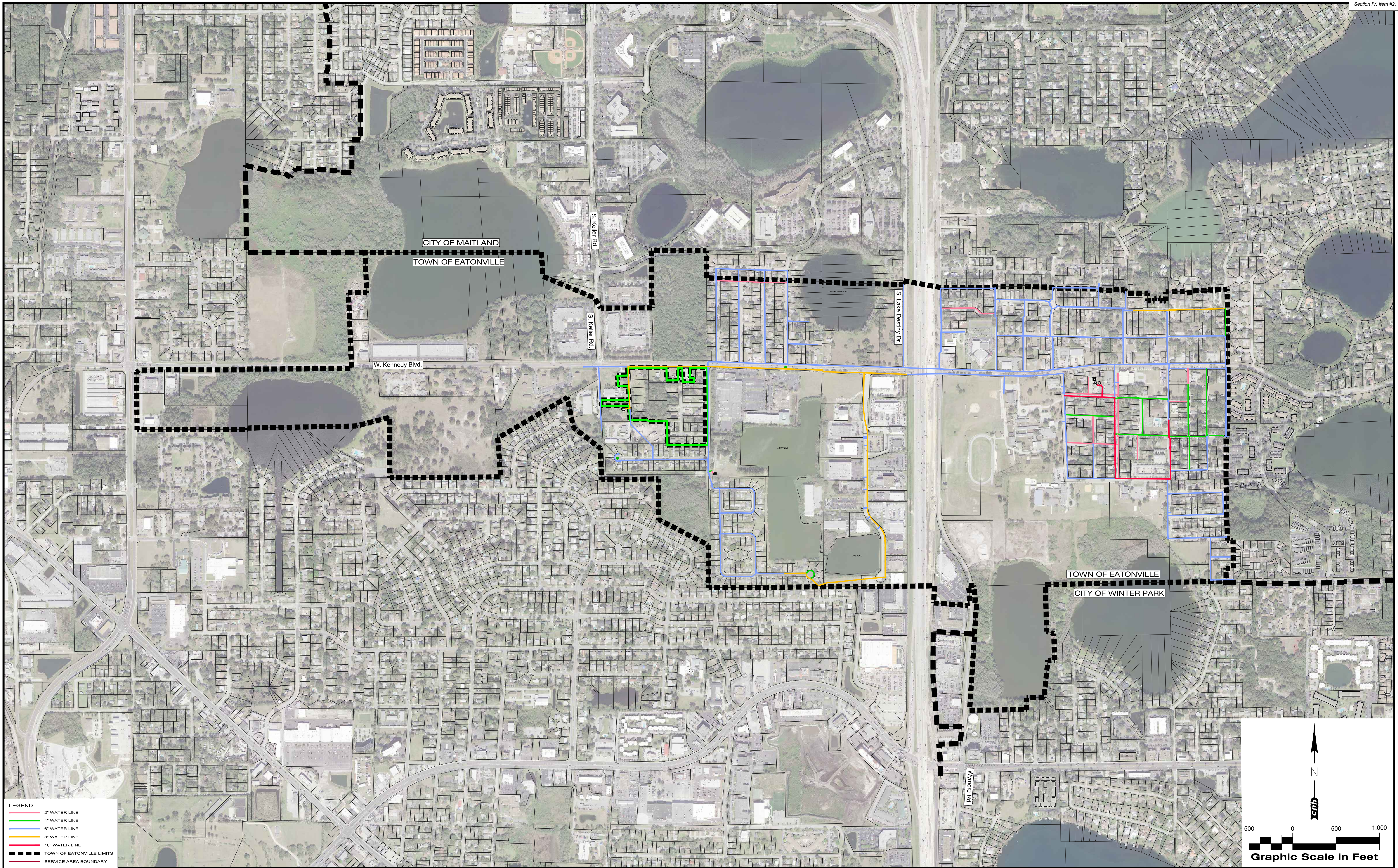
(a) Source: FDEP 2017 Sanitary Sewer Survey

(b) Based on FRWA calibration report – June 6, 2023

(c) UFA = Upper Floridan Aquifer

**TABLE 2-3: Potable Supply Annual Average Daily Demand  
(2015 to 2020)**

Parameter	WTP No. 1		TOTAL		CUP Allocations	
	Well No. 3	Well No. 4	Annual Average Daily Demand	Peak Month	Annual Average Daily Limit	Annual Average Daily Limit
Year	(mgd)	(mgd)	(mgd)	(mgd)	(mgd)	(%)
<b>Average (5-yr) 2018-2022</b>	<b>0.143</b>	<b>0.143</b>	<b>0.286</b>	<b>0.381</b>	<b>0.400</b>	<b>71%</b>
<b>Percent</b>	<b>50%</b>	<b>50%</b>	<b>100%</b>			
<b>2015</b>	0.164	0.164	<b>0.328</b>	<b>0.412</b>	<b>0.400</b>	<b>82%</b>
<b>2016</b>	0.156	0.156	<b>0.312</b>	<b>0.364</b>	<b>0.400</b>	<b>78%</b>
<b>2017</b>	0.163	0.163	<b>0.326</b>	<b>0.459</b>	<b>0.400</b>	<b>81%</b>
<b>2018</b>	0.149	0.149	<b>0.297</b>	<b>0.372</b>	<b>0.400</b>	<b>74%</b>
<b>2019</b>	0.158	0.158	<b>0.316</b>	<b>0.403</b>	<b>0.400</b>	<b>79%</b>
<b>2020</b>	0.134	0.134	<b>0.267</b>	<b>0.331</b>	<b>0.400</b>	<b>67%</b>
<b>2021</b>	0.139	0.139	<b>0.279</b>	<b>0.452</b>	<b>0.400</b>	<b>70%</b>
<b>2022</b>	0.134	0.134	<b>0.268</b>	<b>0.347</b>	<b>0.400</b>	<b>67%</b>



**LEGEND:**

<span style="color: red;">—</span>	2" WATER LINE
<span style="color: green;">—</span>	4" WATER LINE
<span style="color: blue;">—</span>	6" WATER LINE
<span style="color: yellow;">—</span>	8" WATER LINE
<span style="color: orange;">—</span>	10" WATER LINE
<span style="border-top: 2px dashed black;"> </span>	TOWN OF EATONVILLE LIMITS
<span style="border-top: 2px solid black;"> </span>	SERVICE AREA BOUNDARY

Designed by:	-	Date:	6/20/2023
Drawn by:	GCM	Job No.:	E6613
Checked by:	MEI	File:	water.dwg
Approved by:	-		
Scale:	AS SHOWN	©	2023



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TOWN OF EATONVILLE

WATER SERVICE AREA

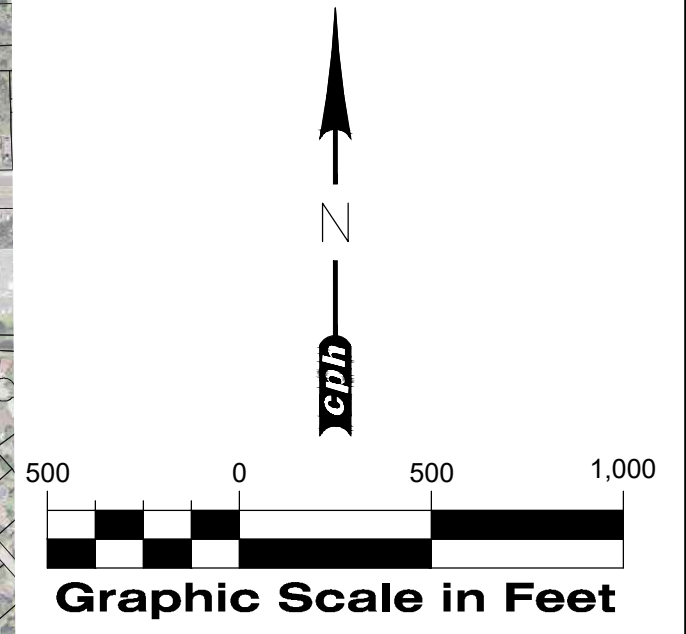


Exhibit No.

**2-1**

### 2.3.2 Potable Water Treatment, Storage and Pumping

**Table 2-4** presents the potable water system water supply, pumping and storage facilities capacities for PWS No. 3480327. **Table 2-5** presents a summary of the required capacity needs to meet future demands compared to rated component capacities at the WTP.

The WTP provides the following treatment processes:

- Aeration for hydrogen sulfide (H<sub>2</sub>S) removal
- Disinfection with free chlorine using 12% liquid chlorine (NaOCl)

Treated water is stored on-site in a ground storage tank (GST) at the WTP and pumped into the distribution system to the off-site elevated storage tank (EST) to maintain a target pressure of 75 psi to serve potable water demands.

### 2.3.3 Auxiliary Power

The two (2) off-site wells have auxiliary power supplied by a 60-kW diesel generator. **The generator has sufficient power to serve electrical demands of only one (1) well pump motor at a time.** The well pump motors each are 40 hp for a total 80 hp.

The WTP has stand-by power supplied by an on-site 150 KW diesel generator with sufficient capacity to power the WTP's electrical demands for the treatment equipment and high service pumps (HSPs) (approximately 120 hp). The generator is equipped with automatic transfer switches (ATS) that call for automatic generator start-up in the event of power loss to the facility.

## 2.4 Water Reclamation

The Town of Eatonville does not currently have water reclamation facilities to convert wastewater to reclaimed water for irrigation purposes. Instead, the Town has a sanitary sewer wastewater collection and transmission system which conveys wastewater to Altamonte Springs (see **Figure 2-2**). Per the 2023 Wastewater Master Plan, the Town has plans to reduce inflow and infiltration (I/I) and update an existing lift station to current requirements as follows:

- Lake Lovely Service Area - Lining/Point Repair/Partial Replacement.
- Eastern Service Area - Lining/Point Repair/Partial Replacement.
- Vereen Lift Station – Upsize capacity/Provide auxiliary power/Update to current design standards.

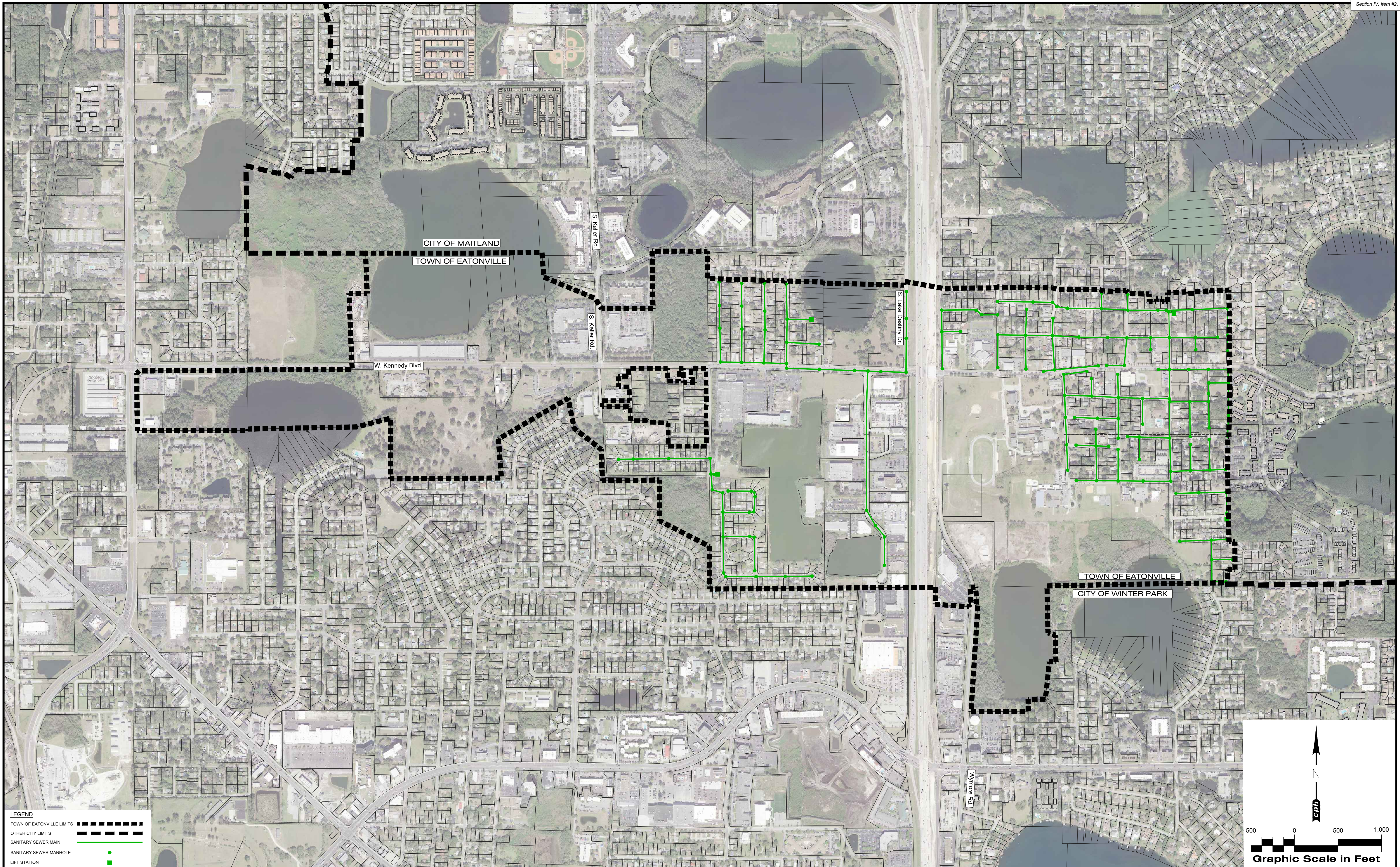
Once complete with I/I improvements the Town should consider planning for a new wastewater treatment plant.

**TABLE 2-4: Town of Eatonville Potable Water System  
Water Supply, Treatment, Pumping, and Storage Facility Rated Capacities**

PARAMETER	Value	COMMENT
<b>SJRWMD Withdrawal Allocation</b>		
CUP Limit	0.40-mgd	Source: SJRWMD CUP No. 3407
<b>FDEP Rated Capacity</b>		
Max-Day Design Capacity	1.44-mgd	Source: 2017 FDEP Sanitary Survey PWS No. 3480327
<b>Well Production Capacity</b>		
Well #1-East	677 gpm	2023 Meter Calibration Report
Well #2-West	667 gpm	2023 Meter Calibration Report
<b>Total</b>	<b>1,344 gpm</b>	Requirement: MDD + FF
	<b>1.94 mgd</b>	
<b>Firm (Largest Well Off-Line)</b>	<b>667 gpm</b>	Requirement: MDD or ADD
	<b>0.96 mgd</b>	
<b>Aeration</b>		
On-Site GST Cascade Tray Aerator	1,000 gpm	Rated Capacity
<b>Total</b>	<b>1,344 gpm</b>	Requirement: MDD + FF
	<b>1.44 mgd</b>	
<b>Storage Capacity</b>		
On-Site GST	0.2-MG	Rated Capacity – 2017 Sanitary Survey
On-Site EST	Off-line	---
Off-Site EST	0.2-MG	Rated Capacity – 2017 Sanitary Survey
<b>Total</b>	<b>0.4-MG</b>	Requirement: 25% MDD
	<b>1.6-mgd</b>	
<b>High Service Pumping Capacity</b>		
HSP 1-East	500 gpm	Rated Capacity – 2017 Sanitary Survey
HSP 1-West	500 gpm	Rated Capacity – 2017 Sanitary Survey
HSP 1-South	800 gpm	Rated Capacity – 2017 Sanitary Survey
Off-Site EST	833 gpm	
<b>Total</b>	<b>2.633 gpm</b>	Requirement PHD
	<b>3.79 mgd</b>	
<b>Firm (Largest HSP or EST Off-Line)</b>	<b>1,800 gpm</b>	Requirement MDD + FF
	<b>2.59 mgd</b>	

**TABLE 2-5: Summary of Required Component Capacities to Meet Future Demands**

PARAMETER	2015	2020	2025	2030	2035	2040	COMMENTS
	<b>Potable Water Use</b>						
Total # of Active Service Water Connections	686	742	1,193	1,594	1,709	1,709	
Service Connections per Year	---	14	12	40	0	0	
Future Cumulative Dwelling Units			425	826	941	941	Plans for New Developments
Persons per Household (pphh) - Connection	3.89	3.89	3.89	3.89	3.89	3.89	2020 US Census = 3.89 persons per household
Per Capita Usage (gpcd)	123	93	99	99	99	99	Town of Eatonville LOS 350 gpd per ERU
Population Served (3.89 ppph)	2,669	2,886	4,641	6,201	6,648	6,648	
Annual Average Daily Demand - ADD (mgd)	0.33	0.27	0.46	0.61	0.66	0.66	
Max Day Demand - MDD (mgd)	0.68	0.81	1.29	1.72	1.85	1.85	
MDD/ADD Peaking Factor	2.07	3.01	2.81	2.81	2.81	2.81	Average 2018 to 2022
PHD/ADD Peaking Factor	4.14	6.03	5.61	5.61	5.61	5.61	2 * MDD/ADD peaking factor
PHD (gpm)	940	1,122	1,792	2,394	2,567	2,567	
2020 CFWI Population Projections	2,324	2,501	2,658	2,701	2,702	2,702	
2020 CFWI Demand Projections	0.33	0.33	0.35	0.35	0.35	0.35	
CFWI 2025 Limit	0.35	0.35	0.35	0.35	0.35	0.35	
2025 UFA Adjusted AADD	0.33	0.27	0.46	0.46	0.46	0.46	
AWS Need Beyond 2025	0.00	0.00	0.00	0.15	0.20	0.20	
Proposed Adjusted CUP Limit to 2025 Demands	0.46	0.46	0.46	0.46	0.46	0.46	Based on CWFI UFA Withdrawal Limits
<b>Permitted Groundwater Withdrawal Allocation</b>							
Annual Average Permitted WUP Limit (mgd)	0.40	0.40	0.40	0.40	0.40	0.40	
ADD (mgd)	0.33	0.27	0.46	0.61	0.66	0.66	
ADD WUP Surplus/Deficit (mgd)	0.07	0.13	(0.06)	(0.21)	(0.26)	(0.26)	
Percent WUP Allocation (%)	82%	67%	115%	154%	165%	165%	Begin Planning @ 90%
<b>Rated Maximum-Day Design Capacity</b>							
Max Day Design Capacity (mgd)	1.44	1.44	1.44	1.44	1.44	1.44	FDEP PWS No. 6530431
MDD (mgd)	0.68	0.81	1.29	1.72	1.85	1.85	
Design Surplus/Deficit (mgd)	0.76	0.63	0.15	(0.28)	(0.41)	(0.41)	
Percent Design Capacity (%)	47%	56%	90%	120%	128%	128%	Begin Planning @ 75% Capacity
<b>Well Production Capacity (TOTAL)</b>							
Total Well Capacity (gpm)	1,344	1,344	1,344	1,344	1,344	1,344	FGUA Meter Calibration 6/6/2023
MDD + FF (gpm)	1,470	1,561	1,896	2,197	2,283	2,283	FDEP 62-555-315(3) -> Total > MDD + FF
Total Well Surplus/Deficit (gpm)	(126)	(217)	(552)	(853)	(939)	(939)	
Percent Total Well Capacity (%)	109%	116%	141%	163%	170%	170%	Begin Planning @ 75% Capacity
<b>Well Production Capacity (FIRM - Largest Well Off-Line)</b>							
Firm Well Capacity (gpm)	667	667	667	667	667	667	Largest Well Off-line - FGUA Meter Calibration 6/6/2023
MDD (gpm)	470	561	896	1,197	1,283	1,283	FDEP 62-555-315(3) -> Firm > ADD (preferably MDD)
Firm Well Surplus/Deficit (mgd)	197	106	(229)	(530)	(616)	(616)	
Percent Firm Well Capacity (%)	70%	84%	134%	179%	192%	192%	Begin Planning @ 75% Capacity
<b>Storage</b>							
On-Site GST (MG)	0.20	0.20	0.20	0.20	0.20	0.20	2021 Sanitary Survey
On-Site EST (MG)	0.00	0.00	0.00	0.00	0.00	0.00	Off-Line (200,000 gal)
Off-Site EST (MG)	0.20	0.20	0.20	0.20	0.20	0.20	
Total Storage Available (MG)	0.40	0.40	0.40	0.40	0.40	0.40	
Equivalent MDD Available Storage (mgd)	1.60	1.60	1.60	1.60	1.60	1.60	FDEP 62-555-320(a) -> MG = 25%MDD (mgd)
Required 25% MDD Storage (MG)	0.17	0.20	0.32	0.43	0.46	0.46	
Required Fire Flow Storage (MG)	0.12	0.12	0.12	0.12	0.12	0.12	FF = 1,000 gpm for 2 hours
Required 4-Log CT Storage (MG)	0.01	0.01	0.01	0.01	0.01	0.01	0.5 mg/L @ CT = 4 mg/L-min
Total Storage Required (MG)	0.30	0.34	0.46	0.57	0.60	0.60	
Storage Capacity Surplus/Deficit (MG)	0.10	0.06	(0.06)	(0.17)	(0.20)	(0.20)	
Percent Storage Capacity (%)	76%	84%	114%	141%	149%	149%	Begin Planning @ 75% Capacity
<b>High Service Pumping (TOTAL)</b>							
Installed HSP Capacity (gpm)	1,800	1,800	1,800	1,800	1,800	1,800	2021 Sanitary Survey
Equivalent EST Capacity (gpm)	833	833	833	833	833	833	Per Hydraulic Model
Required Capacity - PHD (gpm)	940	1,122	1,792	2,394	2,567	2,567	
Installed HSP Surplus/Deficit (gpm)	1,693	1,511	841	239	66	66	
Percent HSP Capacity (%)	36%	43%	68%	91%	97%	97%	Begin Planning @ 75% Capacity
<b>High Service Pumping (FIRM)</b>							
Firm HSP Capacity (gpm)	1,000	1,000	1,000	1,000	1,000	1,000	2021 Sanitary Survey
Equivalent EST Capacity (gpm)	833	833	833	833	833	833	Per Hydraulic Model
Required Capacity = MDD + FF (gpm)	1,470	1,561	1,896	2,197	2,283	2,283	Largest HSP Off-Line at each WTP
Firm HSP Surplus/Deficit (gpm)	363	272	(63)	(364)	(450)	(450)	
Percent HSP Capacity (%)	80%	85%	103%	120%	125%	125%	Begin Planning @ 75% Capacity



**LEGEND**

TOWN OF EATONVILLE LIMITS	
OTHER CITY LIMITS	
SANITARY SEWER MAIN	
SANITARY SEWER MANHOLE	
LIFT STATION	

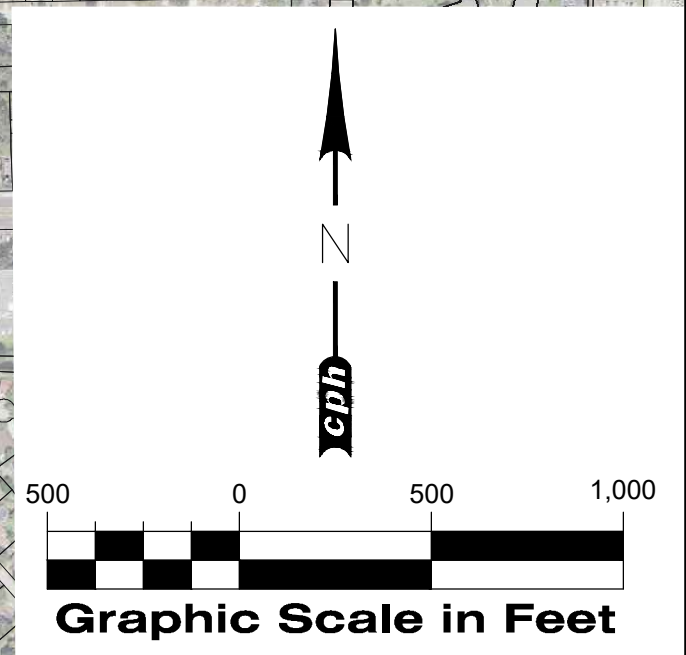
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Checked by:	-	File:	sewer.dwg
Approved by:	-		
Scale:	AS SHOWN	©	2023



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## 2.5 Future Needs

**Graph 2-4** presents the projected potable water demand needs to the 2040 horizon. Impacts to the existing SJRWMD permitted groundwater supply and FDEP rated design capacities of the WTP were explored using the projected potable water projections. An additional AWS supply will need to be explored by the Town to support projected future growth and limitations from the CFWI beyond 2025.

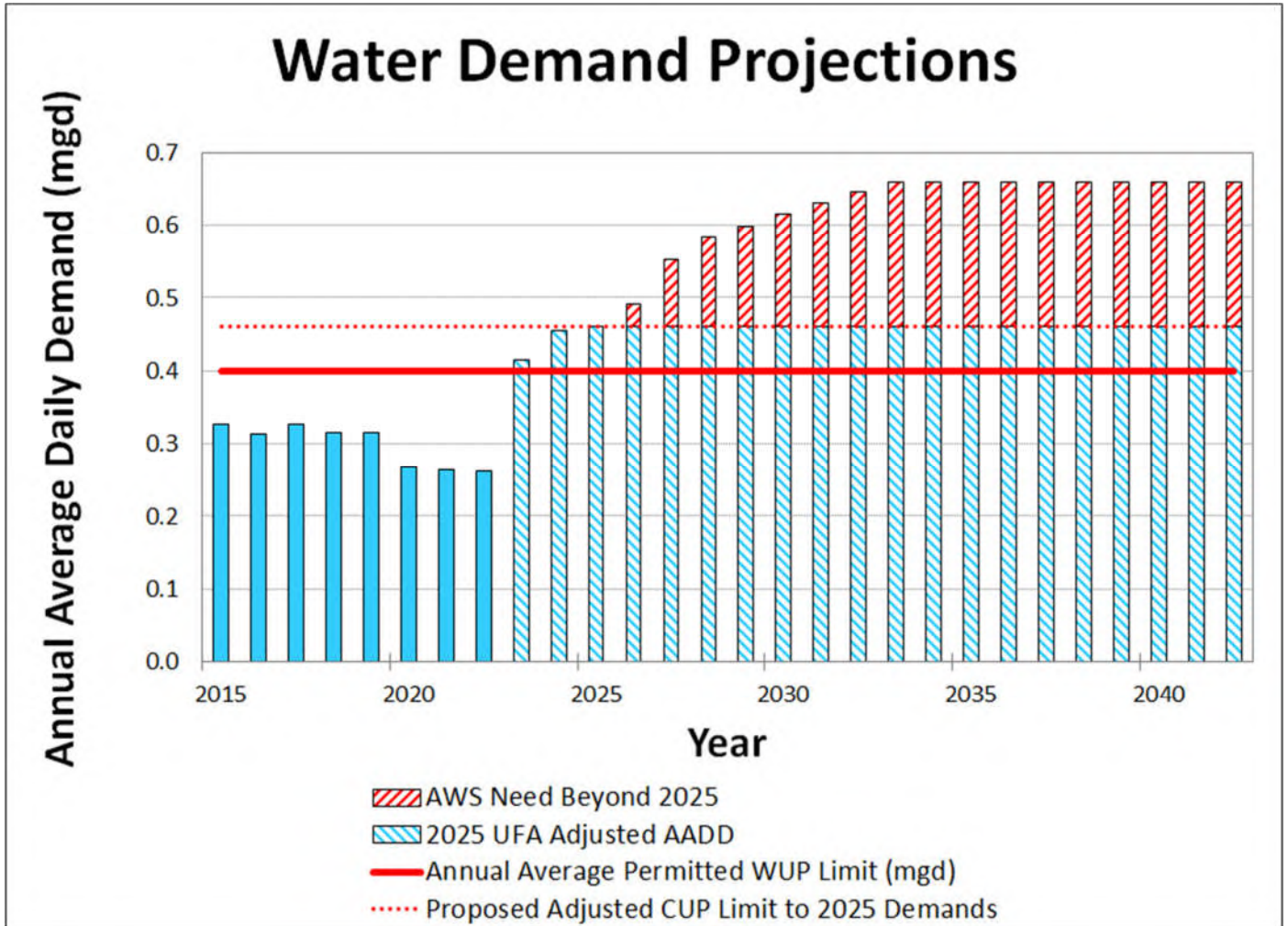
Historical data should be compared to the planning assumptions of the 2018 Comprehensive Plan Amendment. *Note: Adjustments to the projections may be necessary to plan facility upsizing and master planning during design and permitting activities.*

Adjusted potable water demand, is projected to increase to the 2040 horizon. Future needs for the water system are noted as follows:

1. Modify CUP limit to 0.420-mgd AADD relative to the CFWI 2025 UFA limitations.
2. Increase well pumping capacity by at least 1,000 gpm (from 1,344 gpm to 2,300 gpm).
3. Add additional GST to increase storage capacity by at least 200,000 gallons (from 400,000 gal to 600,000 gal).
4. Increase HSP capacity by at least 500 gpm (from 1,800 gpm to 2,300 gpm), providing the off-site EST remains in service.
5. Rerated WTP by at least 0.41-mgd (from 1.44 mgd to 1.85 mgd).
6. Explore AWS opportunities to provide an additional 0.2-mgd such:
  - Optimize conservation efforts,
  - Install an interconnect with Maitland, or
  - Install a Lower Floridan Aquifer Well
7. Repair and replace gravity main system in Lake Lovely and Eastern Service Areas to reduce I&I.
8. Update existing lift stations to current requirements.
9. Explore opportunity to permit, design, and construct new wastewater treatment facility for use as reclaimed water.



GRAPH 2-4: Projected Potable Water Demand Relative to CFWI UFA Limit of 0.420-mgd



### 3. Water Conservation and Water Reuse

The Town shall provide cost effective water service to accommodate existing and future development. The Town will also continue to participate in SJRWMD outreach programs and implement applicable District Water Supply Plan (DWSP) policies. Water conservation will be promoted via the monitoring of wells found on undeveloped property, wetland conservation, and preservation of the 100-year floodplain.

The Town will enforce more effective stormwater management policies to abate surface water pollution and deterioration of the Floridian aquifer. This includes coordination with SJRWMD in order to recapture water supply through aquifer recharge, storage, and recovery. The Town will also encourage the use of draught tolerant vegetation.

Wastewater is sent to the City of Altamonte Springs for treatment and reuse. The Town has no significantly large lands to warrant the implementation of a reuse program; therefore, the Town is planning to continue the agreement with the City of Altamonte Springs.

#### 3.1 Existing Water Conservation Policies

The Town's Current Water Conservation Policies are as follows:

- Potable Water Element
  - Policy 7.1.1 – Coordination with SJRWMD and more effective stormwater management
  - Policy 7.3.2 – Intergovernmental coordination to protect water resources
  - Policy 7.6.1 – Develop water conservation program
  - Policy 7.6.2 – Require installation of water conservation devices
  - Policy 7.6.5 – Coordination with SJRWMD regarding the Town's work plan and the SJRWMD's Water Supply Plan
  - Policy 7.6.6 – Monitor the drilling of new wells and enforce emergency conservation of groundwater
  - Policy 7.6.8 – Drought resistant vegetation
- Natural Groundwater and Aquifer Recharge Element
  - Policy 8.2.1 – Needs and sources inventory
  - Policy 8.2.2 – Monitoring and elimination of adverse impacts of septic tanks
  - Policy 8.2.5 – Development of a water conservation awareness plan highlighting the importance of groundwater resources

- Policy 8.2.12 – Increase gray water systems usage
- Policy 8.3.2 – Eliminate detected contamination sources impacting local water quality
- Policy 8.3.4 – Enforcement of proper disposal of hazardous waste
- Policy 8.4.1 – Protect highly effective aquifer recharge areas
- Conservation Element
  - Policy 9.2.1 – Adopt water quality standards for surface water bodies
  - Policy 9.2.2 – Report all water pollution sources to the Orange County Environmental Protection Department
  - Policy 9.2.3 – Monitoring of water quality and identification of pollution sources
  - Policy 9.3.2 – Protect against groundwater pollution
  - Policy 9.3.4 – Protection of water quality through restricting the development of environmentally sensitive lands
  - Policy 9.3.5 – Wellfield protection program
  - Policy 9.8.1 – Concurrency management system to track potable water availability
  - Policy 9.8.5 – Promote water-conserving landscaping practices
  - Policy 9.10.1 – Acquisition of environmentally sensitive land

### 3.2 Suggested Water Conservation Policies

**The Town's main strategy to meet future water demand is to optimize water use through the following:**

- **Conservation efforts such as installation of water conservation devices;**
- **Promote water-conserving landscaping practices; and**
- **Establish tiered water rate fees.**

Other strategies; such as converting septic tanks/drainfields to a central system, stormwater capture harvesting for irrigation and installation of reclaimed water for irrigation are not economically feasible, at this time. Also, the Town does not plan or consider to pursue any regional AWS, at this time.

## 4. Capital Improvements

This section of the WSFWP summarizes major capital improvements necessary to develop, treat, and distribute water for the period of 10 years. The proposed capital improvements are based on the projected demands to supply source water and meet treatment, storage and pumping needs to 2040.

### 4.1 Major Capital Improvements in CIP Budget

**Table 4-1** summarizes the cost for identified capital improvements to meet the Town's current and future utility needs. The total probable project cost to implement the proposed projects is approximately **\$52 Mil over the next 10 years.** The Town's Current CIP projects are presented in **Appendix D.**

The Town will continue to evaluate capacity and infrastructure needs to meet projected water demands of future growth; and coordinate capacity and facility expansions with the Future Land Use Map from the Town Development Services Department as guidance to prioritize expansion and upgrade the facilities. Major improvements in the current CIP budget identified in this WSFWP to meet future demands include the following:

1. Relocate potable water main along Kennedy Blvd. to accommodate plans by Orange County to widen Kennedy Blvd. from Forrest City Road to Wymore Rd.
  - a. Investigate Relocation of PVC pipe from Lake Weston to S. Keller Rd. If needed, Design/Permit relocation.
  - b. Design/Permit Relocation and Abandonment of A/C pipe from S. Keller Rd. to WTP.
2. Upsize Water Treatment Plant No. 1 discharge water main pipe to at least 16-inch PVC from WTP to Kennedy Blvd.
3. Modify SJRWMD Consumptive Use Permit (CUP) to meet future potable water demands.
  - a. Increase CUP limit to 0.420-mgd to meet the Central Florida Water Initiative (CFWI) 2025 Upper Floridan Aquifer (UFA) limitations.
  - b. Permit Lower Floridan Aquifer (LFA) well to meet future demands. Includes Extended Period Simulation (EPS) hydrogeologic modeling impact evaluation.
4. Explore options to increase well field pumping capacity.
  - a. Conduct well pump yield step drawdown test.
  - b. Upsize well pump and motors.

5. Design/Permit/Construct New WTP to replace Existing WTP
  - a. Construct new WTP operations building to include new HSPs, chemical feed systems and diesel generator.
  - b. Construct new 500,000-gallon Ground Storage Tank (GST) to meet fire storage requirements. Include demonstration of 4-log virus inactivation CT disinfection calculations to increase consumer confidence.
6. Upsize selected water mains to at least 8-inch PVC to meet fireflow reliability.
7. Design/Permit/Construct/Test LFA well to serve as Alternative Water Source (AWS) to meet demands beyond 2025.
8. Coordinate with City of Maitland to establish emergency interconnections.
  - a. Option 1 – Interconnect at S. Keller & Kennedy
  - b. Option 2 – Intersection of S. Lake Destiny Rd. & Kennedy Blvd
9. Establish water distribution (R/R) program to replace water mains less than 6-inches, substandard materials (Asbestos Cement/Galvanized/Unlined Cast Iron), and inoperable isolation valves.
10. Design and Construct I&I Improvements
  - a. Lake Lovely Service Area - Lining/Point Repair/Partial Replacement.
  - b. Eastern Service Area - Lining/Point Repair/Partial Replacement.
11. Refurbish Vereen LS to current requirements.
12. Explore opportunities to permit design and construct a new Wastewater Treatment Plant for Public Access Reuse (PAR).

## 4.2 Additional Water System Recommendations

The Town is actively working on or should consider budgeting the CIP with the following projects:

1. Develop and implement a Preventive Maintenance Program (PMP) with asset management database for scheduling preventative maintenance inspections to optimize asset management. PMP will inventory and determine conditions of existing assets to maintain reliability and reduce operations and maintenance (O&M) costs. **\$25,000**
2. Update Potable Water and Wastewater Master Plan every 5 years to reflect conditions that may change within the Town's service area. Periodic hydraulic modeling of the overall system should be performed to optimize distribution system piping and the Town's provision to service customers with improved water pressure, improved water quality, increased reliability and increased consumer confidence. **\$40,000 each = \$80,000**
3. Investigate improvements to optimize, monitor and control actual well pump yield capacities. Items to consider for the well pump and well head assemblies include the following:
  - a. Add well level sensors to optimize well production. **\$10,000**
  - b. Add conductivity meter to monitor well field production water quality. **\$5,000**

**Town of Eatonville  
Water Supply Plan  
TABLE 4-1 Suggested 5-yr CIP**

CIP #	PARAMETER	Priority	Length	Upgrade/Size	LOS Impact	Funded (Yes/No)	Funding Source	Status	Original Funding Request	Project Costs	Fiscal Year						
											FY2023/24 Requested	FY2024/25 Proposed	FY2025/26 Proposed	FY2026/27 Proposed	FY2027/28 Proposed	FY2028 to 2033 Proposed	
<b>POTABLE WATER (PW)</b>																	
PW-1A	Design/Permit/Relocation of PVC pipe from Lake Weston to S. Keller.	1	2,700	12-inch	Improve System Reliability	No	Repair/Replacement		N/A	\$ 932,000	\$ 122,000	\$ 810,000					
PW-1B	Design/Permit/Relocation and Abandonment of A/C pipe from S. Keller to WTP.	1	5,850	12-inch	Improve System Reliability	No	DEO Grant	Pending	\$ 2,504,701	\$ 2,019,000	\$ 264,000	\$ 1,755,000					
PW-2	Upsize WTP discharge water main pipe to at least 16-inch PVC from WTP to Kennedy Blvd.	1	710	16-inch	Improve System Reliability	No	Impact Fees		N/A	\$ 213,000			213,000				
PW-3	Modify CUP to meet future potable water demands.	2			Increase Capacity	No	DEO Grant	Pending	\$ 125,757	\$ 75,000		\$ 75,000					
PW-4A	Conduct well pump yield step drawdown test.	2			Increase Capacity	No	DEO Grant	Pending	\$ 261,472	\$ 50,000		\$ 50,000					
PW-4B	Upsize well pump and motors.	2			Increase Capacity	No	DEO Grant	Pending	\$ 200,000	\$ 150,000		\$ 150,000					
PW-5A	Construct new 500,000-gallon GST to meet fire storage requirements. Include demonstration of 4-log virus inactivation CT disinfection calculations to increase consumer confidence.	2		0.5-MG	Increase Capacity	No	DEO Grant	Pending	\$ 1,465,334	\$ 1,150,000		\$ 150,000	\$ 1,000,000				
PW-5B	Construct new WTP operations building to include new HSPs, chemical feed systems and diesel generator.	2			Improve System Reliability	No	DEO Grant	Pending	\$ 1,224,655	\$ 4,650,000	\$ 25,000	\$ 25,000	\$ 600,000	\$ 4,000,000			
PW-6	Upsize selected water mains to at least 8-inch PVC to meet fireflow reliability.	3	4,400	8-inch	Improve System Reliability	No	Repair/Replacement		N/A	\$ 1,518,000		\$ 198,000	\$ 1,320,000				
PW-7	Design/Permit/Construct/Test LFA well to serve as AWS to meet demands beyond 2025.	3	1,000	1500 gpm	Increase Capacity	No	Impact Fees		N/A	\$ 2,000,000						\$ 2,000,000	
PW-8	Coordinate with City of Maitland to establish emergency interconnections.	3			Improve System Reliability	No	Impact Fees		N/A	\$ 25,000						\$ 25,000	
PW-9	Establish water distribution R/R program to replace water mains less than 6-inch and substandard materials (Asbestos Cement/Galvanized/Unlined Cast Iron).	4			Improve System Reliability	No	Repair/Replacement		N/A	\$ 1,000,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	
<b>SUBTOTAL - Potable Water</b>										<b>\$ 5,781,919</b>	<b>\$ 13,782,000</b>	<b>\$ 511,000</b>	<b>\$ 2,690,000</b>	<b>\$ 936,000</b>	<b>\$ 3,020,000</b>	<b>\$ 4,100,000</b>	<b>\$ 2,525,000</b>
<b>WASTEWATER</b>																	
WW-01	Upgrade Vereen Lift Station	1			Improve System Reliability	No	Stag Grant	Pending NEPA	\$ 665,000	\$ 759,000	\$ 94,000	\$ 332,500	\$ 332,500				
WW-02	Survey/Design/Construct Lining/Point Repair/Partial Replacement - Lake Lovely Service Area	2			Reduce I&I	No	SRF Grant 90% Forgiveness	Pending FDEP Revised WW Facilities Plan	N/A	\$ 3,560,000	\$ 222,000	\$ 1,669,000	\$ 1,669,000				
WW-03	Survey/Design/Construct Lining/Point Repair/Partial Replacement - Eastern Service Area	3			Reduce I&I	No	SRF Grant 90% Forgiveness	Pending FDEP Revised WW Facilities Plan	N/A	\$ 13,658,000		\$ 854,000	\$ 4,268,000	\$ 4,268,000	\$ 4,268,000		
WW-04	Permit/Design/Construct New Wastewater Treatment Facility for Public Access Reuse	3		0.4-MGD	Improve System Reliability	No	Impact Fees		N/A	\$ 18,400,000					\$ 2,400,000	\$ 16,000,000	
<b>SUBTOTAL - Wastewater</b>										<b>\$ 665,000</b>	<b>\$ 36,377,000</b>	<b>\$ 316,000</b>	<b>\$ 2,855,500</b>	<b>\$ 6,269,500</b>	<b>\$ 4,268,000</b>	<b>\$ 6,668,000</b>	<b>\$ 16,000,000</b>
<b>MISCELLANEOUS (MS)</b>																	
MS-01	Renewal & Replacement	0			Improved Service	No	Repair/Replacement		N/A	\$ 1,000,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	
MS-02	Conduct Water/Wastewater Impact Fee & Rate Study	0				Yes	FRWA		N/A	\$ 25,000	\$ 25,000						
MS-03	Refurbish Existing 0.2-MG EST	1				Yes	Repair/Replacement	Agreement Issued Feb 15, 2022	N/A	\$ 429,667	\$ 83,606	\$ 83,606	\$ 83,606	\$ 83,606	\$ 83,606	\$ 11,637	
<b>SUBTOTAL - Miscellaneous</b>										<b>\$ -</b>	<b>\$ 1,454,667</b>	<b>\$ 208,606</b>	<b>\$ 183,606</b>	<b>\$ 183,606</b>	<b>\$ 183,606</b>	<b>\$ 183,606</b>	<b>\$ 511,637</b>
<b>Capital Outlay (CO)</b>																	
CO-01	Vehicle Replacement/Repair	0				Yes	Repair/Replacement		N/A	\$ 400,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000	
CO-02	Install New AMI Water Meters @ Commercial Properties	0				Yes	Repair/Replacement	Agreement Issued _____	N/A	\$ 133,000	\$ 133,000					\$ -	
<b>SUBTOTAL - Capital Outlay</b>										<b>\$ -</b>	<b>\$ 533,000</b>	<b>\$ 173,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 40,000</b>	<b>\$ 200,000</b>
<b>FISCAL YEAR TOTALS</b>										<b>\$ 6,446,919</b>	<b>\$ 52,146,667</b>	<b>\$ 1,208,606</b>	<b>\$ 5,769,106</b>	<b>\$ 7,429,106</b>	<b>\$ 7,511,606</b>	<b>\$ 10,991,606</b>	<b>\$ 19,236,637</b>
		<b>Priority</b>															
		0 In Progress 0 - 1 yrs.															
		1 Immediate 1 - 3 yrs.															
		2 Near-Term 3 - 5 yrs.															
		3 Long-Term Beyond 5 yrs.															

### 4.3 Cost Estimate Assumptions

Estimated cost for identified improvements should be considered a budgetary planning guide. As the Town considers moving forward with proposed projects, costs should be updated to reflect changes that may have occurred and to account for inflationary effects. CIP costs presented in this section were updated based on the following parameters:

- Assumptions for suggested improvements based on the Town's 2018 Master Plan
- Town provided updated CIP costs
- Vendor Costs
- Similar Project costs
- Continuing contract costs
- Town Available funds
- All costs presented are referenced to 2023 dollars.

The cost assumptions should include cost allocations for the contractor's general conditions, overhead & profit (OH&P) and engineering and contingency as follows:

- General conditions are typically 10% of the construction value before Contractor OH&P. General conditions include the contractor's costs for mobilization and demobilization, bonds and insurance, salaries for the project manager and project superintendent and temporary facilities.
- Contractor's OH&P are typically 15% of the construction value.
- Contingency are typically assumed to be 30% of the construction value which is a Class 3 Budget Authorization Control Cost Estimate.
- Engineering services are typically assumed to be 15% of the construction value. Engineering services include, design, permitting, bid and construction administration services.

### 4.4 Other Costs

Other costs the Town should factor into its financial planning include land, legal, costs associated with financing, lobbying fees and other non-engineering professional fees.

### 4.5 Cost Updates

The probable construction costs included in WSFWP are expressed in 2023 dollars. The Engineering News Record Construction Cost Index may be used for updating costs in the future.



## 5. Goals, Objectives, and Policies

In November 2020, the WMDs in the CFWI planning area approved the 2020 RWSP, which requires the local governments within the respective water supply planning region to adopt a new or updated WSFWP into their comprehensive plans by May 2022 (18 months).

Once the Town updates the WSFWP, the Town Council must adopt the WSFWP to the 2018 Comprehensive Plan Amendment by reference. Currently, the 2018 Comprehensive Plan Amendment has provisions to adopt the WSFWP. However, if additional revisions to the 2018 Comprehensive Plan Amendment need to be adopted, an Evaluation and Appraisal Review (EAR) process would need to be conducted.

Florida Statutes require local governments to address enhanced water supply planning requirements in their comprehensive plans. As of 2005, each local government in Florida must update its comprehensive plan in order to meet water supply and water facilities planning requirements. Comprehensive Plans must be amended to address the following:

1. Develop a policy enabling water supply and facility concurrency. **COMPLIANT**
2. Develop a policy enabling coordination of the comprehensive plan with the appropriate water management district's regional water supply plan. **COMPLIANT**
3. Provide an update of the Conservation Element to identify current and projected water needs and sources for a minimum 10-year period. **COMPLIANT**
4. Provide a 5-year schedule of capital improvements that includes water supply development components, if needed. **COMPLIANT**

### 5.1 Status of Comprehensive Plan

The Town updated their Comprehensive Development Plan in April 2018. **In compliance with the statutory requirements and based upon data and analysis, the Town's 2018 Comprehensive Plan Amendment was updated to include goals, objectives and policies to adopt the 10-year WSFWP by reference.** The WSFWP reflects the community's long-term vision and sets for the framework for the Town's Land Development Code, the regulatory document which implements the vision.

In order to meet water supply-related legislative requirements, the Town's Comprehensive Plan should be reviewed periodically. **Appendix E** presents examples of policies provided by the SJRWMD that may be included or updated into the **2018 Comprehensive Plan Amendment.**

## Appendices

APPENDIX A: FDEP Final Notice of Proposed Rule .....	A-1
APPENDIX B: Eatonville/ Altamonte Springs Sewer Agreement.....	B-1
APPENDIX C: Adjusted Population and Water Demand Projections (2023 – 2043).....	C-1
APPENDIX D: Town of Oviedo Capital Improvements Program (CIP) Plan.....	D-1
APPENDIX E: Examples of Policies included in Comprehensive Developemnt Plans .....	E-1

# APPENDIX A: FDEP Final Notice of Proposed Rule

## CFWI SETTLEMENT SUMMARY

The CFWI Rule is the product of a 10-year water supply planning/regulatory initiative intended to provide consistency by which the water resources of the CFWI Area are regulated by SJRWMD, SFWMD and SWFWMD. In December 2016, FDEP commenced development of the CFWI Rule. The final rule was proposed for adoption on November 19, 2021. The key elements of the rule are 1) limiting public water suppliers' Upper Floridan Aquifer (UFA) groundwater allocations to their demonstrated 2025 demand; and 2) setting a conservation goal for public water suppliers that restricts gross per capita consumption to 115 gallons per capita day (gpcd) from all water sources, phased in gradually by the mid 2040's. The impact of these provisions would have been devastating on public water suppliers and their customers.

So on March 1, 2021 10 public water supply petitioners, filed petitions challenging the rule. The matter was referred to DOAH for a hearing. They were joined by 5 intervenors. The case was scheduled for hearing starting March 29 and ending on April 30. Since that time, the petitioners/intervenors have engaged settlement in discussions with FDEP and the Districts. A settlement agreement was reached on March 19. Key elements of this settlement include:

- Nothing in the CFWI Rule shall create a presumption with regards to modification of existing public water suppliers' consumptive use permits (CUPs)
- No limitation to demonstrated 2025 UFA demand, unless District demonstrates impact on water resources, either individually or cumulatively
- New groundwater withdrawals can be granted if there are demonstrated offsets
- For projects completed by a public water supplier prior to December 31, 2015, but not fully utilized, the District may authorize permittee to retain some/all of allocation
- A public water supplier will only be required to address its relative contribution of detriment to other water users or to the water resources, when seeking new or increased UFA allocations through offsets
- If harm associated with withdrawal from UFA has been or will be mitigated, allocation will not be reduced to 2025 demand
- Temporary groundwater allocations can be granted to a public water supplier, if that permittee participate in a single phase (up to 7 years) or multi-phase (20 years or greater) Alternative Water Supply Project
- Temporary groundwater allocations can be granted to a public water supplier, if a plan to develop a project designed to mitigate impacts to achieve an MFL or MFL Implementation Strategy is submitted and approved by the District
- Public water suppliers that have 30% or more commercial use, an Annual Conservation Goal Implementation Plan must be developed and submitted to the District
- Public water suppliers that have less than 30% commercial use, must:
  - By July 1, 2024 permittees must submit plan to achieve conservation goal
  - By December 31, 2033, permittees must demonstrate that they have achieved the midpoint to the conservation goal, or document why the midpoint was not achieved
  - By December 31, 2043, permittees must demonstrate that they have achieved the conservation goal, or document why the conservation goal was not achieved.

Once the settlement agreement is approved by the petitioners and certain intervenors, the FDEP will publish a Notice of Change on March 26. Shortly, thereafter the petitioners will withdraw their petitions. There will be a 20-day period ending April 15 to challenge the Notice. Once this time passes and the rule, as amended, is ratified by the Legislature, it will become law.

## APPENDIX B: Eatonville/Altamonte Springs Sewer Agreements

- Town of Eatonville and City of Altamonte Springs Sewer Service Agreement (January 7, 1982)
- Sewer Service Inflow and Infiltration Notice ( August 31, 1984)
- Sewer Service Amendment – Local Limits (February 16, 1999)

A G R E E M E N T

THIS AGREEMENT made this 7th. day of January, 1982  
by and between the CITY OF EATONVILLE, State of Florida, herein-  
after referred to as "Customer" and the CITY OF ALTAMONTE SPRINGS,  
a municipal corporation organized and existing under the laws  
of the State of Florida hereinafter referred to as "City",

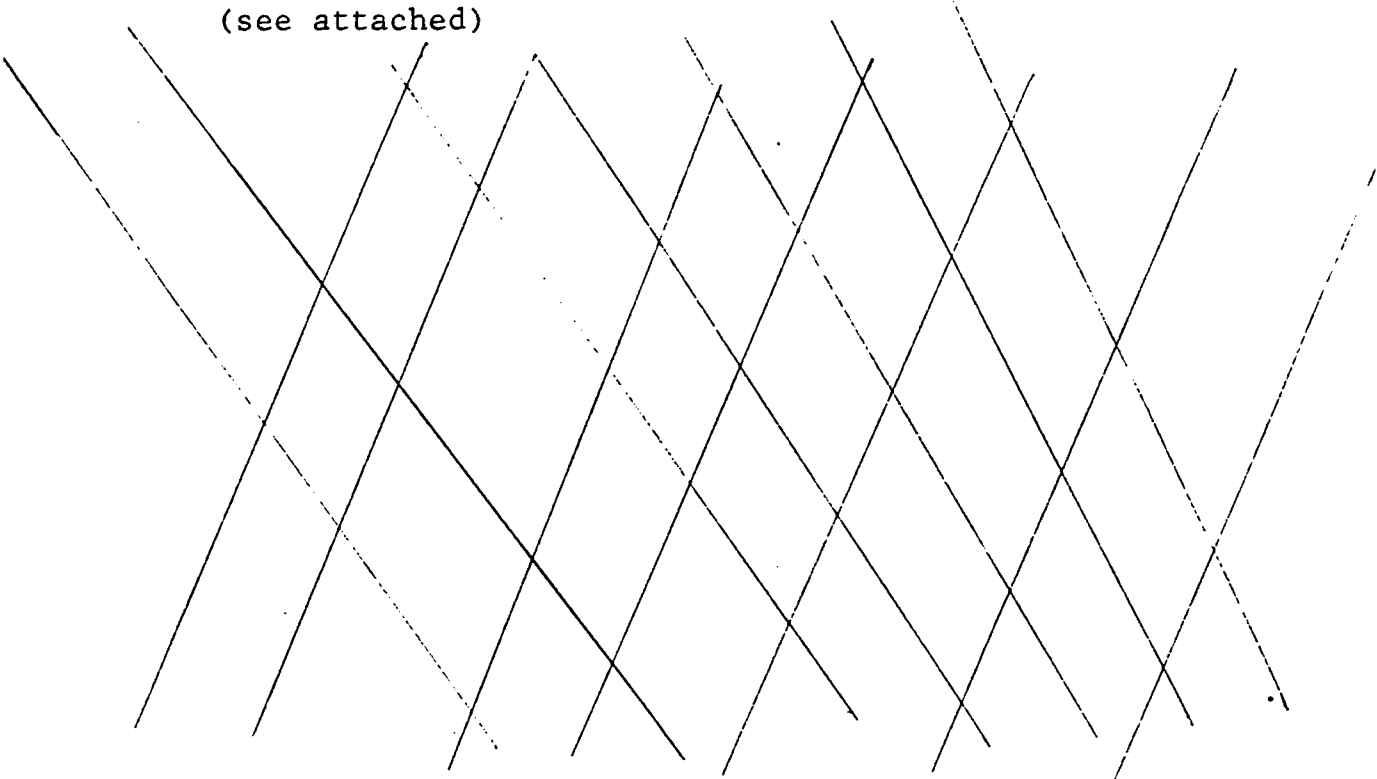
WITNESSETH:

WHEREAS, the City operates and maintains a sewer system  
with sewage treatment facilities located in Seminole County,  
Florida; and

WHEREAS, the Customer desires to use said sewage treatment  
facilities for the disposal of the sewage waste  
collected by Customer from the users of its system; and

WHEREAS, the Customer desires to provide sewage service to a  
portion of the Customers in the incorporated area described as  
follows:

(see attached)



WHEREAS, the City has agreed to treat the sewage waste  
of Customer for considerations set forth hereafter and according  
to the terms and conditions set forth hereafter,

NOW THEREFORE, in consideration of the premises hereof and  
the covenants of each party for the benefit of the other  
set forth below, the parties hereto agree as follows:

1. TREATMENT: The City agrees to treat and dispose of the sewage wastes of the Customer generated in the aforescribed service area, a map showing the location of same being attached hereto, for the charges as established in accordance with the ordinances of the City as presently set forth in Chapter 26 of the Code of Ordinances of the City of Altamonte Springs, Florida, ad as amended from time to time, for Class C users at the presently existing sewage treatment plant. For the purposes of this Agreement all users in the Customers below described service area, shall be deemed to consist of a single Class C user. The City shall be reimbursed upon total metered sewage flow within the service area.

2. CHARGES FOR ACCEPTANCE AND TREATMENT OF SEWAGE:

A) All charges as provided for in Paragraph 1 shall be paid by the Customer within 30 days, based upon the monthly metered sewage flow readings at the Customer's master sewer lift station. On the tenth (10th) day or the next working day should the 10th fall on a weekend or holiday of every month (twelve times per calendar year) the Customer and the City shall read the sewage meter to determine the sewage flow for the period since the last meter reading.

The Customer shall remit to the City, within 20 days from the date of the joint meter reading or 20 days from the tenth (10th) of the month, whichever is earlier, the charges for sewage treatment as shall be computed in accordance with this Agreement and Chapter 26 of the Altamonte Springs City Code, as it may be amended from time to time at the sole discretion of the City Commission.

B) In the event the Customer does not properly maintain the sewage meter so as to cast doubt upon the accuracy of the billing to be rendered hereunder then at the discretion of the City the monthly charge shall be computed by multiplying the total number of residential users by the maximum residential charge and adding thereto an amount estimated by the City Director of Public Works as being attributable to all non-residential users.

3. TERM: Term of this Agreement shall be for a period of five (5) years beginning from July 1, 1981. Customer shall have the option to renegotiate this Agreement in successive five year periods. In order to renegotiate this Agreement the Customer shall provide the City with written notice of its intent no less than 120 days nor more than 365 days prior to expiration. Time is acknowledged to be of the essence.

4. CONNECTION CONSTRUCTION: Customer, shall at its cost and expense, construct such additional facilities as are necessary to properly convey the sanitary sewage from the afore-described "Service Area" to a connection point designated and acceptable to the City, for transmission to the existing sewage treatment plant of the City. The Customer shall pay all costs associated with the connection to include the cost of supervision, inspection and approval by the City's engineer or engineering consultant. The Customer will construct and operate these facilities so as to provide proper design and operation in conjunction with the operation of the City's system, without regard to identity of owner. The Customer further agrees that if required by the City for cause, its pumping facilities shall be designed, operated and constructed for variable pressure operation to eliminate sustained surges and excessive rates of flow, which would preempt a disproportionate share of the system peak flow capacity. Alterations and additions to equipment of the City's system regardless of location which may be required by the City to enable to facilitate the extension or connection by the Customer to the system, shall be performed at the cost and expense of the Customer, including any repaving, repair of streets, and appurtenant items of work and materials, provided, however, that where such alterations and additions are greater in degree of kind than would be required by the Customer's extensions or connections, then the City shall be liable for those costs in excess of the costs that would be incurred solely as a result of the Customer's extensions or connections. Design of the Customer's



pumping or gravity facilities and appurtenant items shall be submitted to the City for review and the City's approval shall be required as a condition precedent to authorization by the City to connect reconnect or continue existing connections to the City's system. Alterations of the City's system resulting from the cumulative effect of extensions or connections of the Customer's system shall be the responsibility of the Customer, approval of individual extensions or connections by the City notwithstanding.

5. METERING: For the purposes of billing the Customer shall install or utilize a sewage meter at Customer's master lift station which will measure all sewage provided by the Customer to the City's sewage system. The meter shall be of a design acceptable to the City meeting the standards for construction commonly accepted for wastewater applications. and accuracy ~~of the American Water Works Association~~. The meter shall be of standard make and type, installed in a readily accessible location, with checking or calibration devices, and the installations shall indicate flow with an error not to exceed plus or minus two percent (2%) of full scale reading, suitable for billing purposes. The Customer shall employ the services of a reputable meter service Company to calibrate the meter no less than annually and shall provide the City with a copy of the annual calibration.

6. LIMITATION OF SOURCE:

A) Customer acknowledges and agrees that this Agreement pertains only to sewage and wastewater generated by users or developments lying wholly within its previously described area and delivered to the present existing sewage treatment plant. The Customer expressly agrees that it will not deliver to the City hereunder, either directly or indirectly, any sewage or wastewater generated by users or developments which are not located within the Customer's previously described service area.

B) In the event the Customer desires to provide sewer service to areas lying without its previously described area, the Customer agrees to apply to the appropriate governmental authorities for permission to serve such areas, if required, and to simultaneously make written request to the City to permit Customer to transmit sewage from said area to the City under the terms and conditions of this Agreement, and not to transmit such sewage to the City unless and until the City agrees thereto; provided, however, that in no event shall the City be required to accept sewage, directly or indirectly, from any utility company or wholesaler other than Customer.

C) Customer shall comply with and enforce all the provisions of Chapter 26, of the Altamonte Springs City Code to specifically include but not be limited to those provisions relating to prohibited discharges. These provisions are incorporated herein by reference as they now exist and as they may be amended in the sole discretion of the City. Customer shall enforce the aforesaid provisions by appropriate ordinance or regulation through Customer's service area. Customer shall accept into Customer's system no industrial or commercial user reasonably capable of generating abnormal strength without the prior written consent of the City and the payment of such surcharge(s) as may be requested by the City.

7. COLLECTION SYSTEM MAINTENANCE: Customer shall maintain, at its cost and expense, the collection system, the pumping stations, and any and all other system facilities required to convey the sanitary sewage to the designated connection points for transmission to the wastewater treatment plant in accordance with the rules and regulations of the governing agencies having jurisdictional authority thereof. The City shall have the right to inspect the Customer's system at all reasonable times and at any time in the event of an emergency.

8. COLLECTION SYSTEM DRAWINGS: Customer shall, upon request, or as soon thereafter as same is available, submit to the City a copy of the Engineering drawings showing the existing

or proposed collection system and other facilities in the Customer's system to be connected to the designated connection points for transmission to the wastewater treatment plant of the City and otherwise needed to collect and convey the sanitary sewage to the designated connection points, including pumping stations, force mains, sewer laterals and appurtenances, and shall revise said drawings from time to time when expansions are proposed as herein provided and submit copies of revisions to the City. As detailed plans are prepared for sewage facilities proposed to be constructed for sanitary sewage service, Customer shall submit copies thereof to the City and the governmental agencies having jurisdiction over such proposed construction for review and approval prior to construction.

9. RECORDS INSPECTION: Customer shall submit to the City monthly, or at such other times as it and the City Hall shall agree, reports showing the volume of sewage in gallons recorded by the meter. The City is hereby given the right of access at all times to observe and inspect all meters and calibration reports thereof and the City is further given the right to inspect at reasonable times, all books, records, and other information of whatsoever nature relating to the sewage flow (including infiltration/inflow) from the Customer's systems connected to the designated connection point for transmission to the existing City wastewater treatment plant. The Customer shall also be given the right to inspect at reasonable times, all books, records, and other information of whatsoever nature relating to sewage and/or water flow and costs thereto related within the City system.

10. INFILTRATION/INFLOW: Customer warrants that the infiltration/inflow from the system being connected is within limits applicable to the City (presently 250 gallons per inch diameter per mile per day), or, if it is not, Customer will, at its expense, reduce the infiltration/inflow to limits applicable to the City.

11. USER CHARGES: Customer shall be solely responsible for the collection of the fee it charges each residential unit or business being served within the Customer's system for transmission to the City, and the failure to collect said service charge or fee shall not relieve Customer from paying to the City the charge as provided for in this Agreement, or as they may be established by the City in the future. Customer shall establish its charges by ordinance or other by appropriate authority.

12. CONNECTION FEE: Customer shall pay to the City a connection fee and wastewater facility charges as established by the City in its sole discretion for each equivalent residential unit to be connected to the Customer's system for transmission to the City's wastewater treatment plant. The Customer shall provide the City with a written report of all connections on a monthly basis. These fees and charges shall be paid to the City by the Customer prior to the connection of each unit. These fees and charges shall be adjusted from time to time by the City in its sole discretion and the Customer agrees to pay such fee as adjusted together with any other fees, charges, surcharges, assessments or other charges of whatever nature incident to connection or use of the City's system.

13. NOTICE: Any notice to be given Customer or the City by other shall be sent by registered or certified mail to the addresses shown below, which addresses may be changed by either party giving proper written notice to the other as provided herein:

City of Altamonte Springs  
City Hall, 225 Newburyport Ave.  
Altamonte Springs, Fl 32701  
Attention: Director of Utilities

City of Eatonville  
Town Hall  
301 Kennedy Ave  
P.O. Box 2163  
Eatonville, FL

14. CAPACITY RESERVATION: The City agrees to accept sewage from the Customer as capacity is available in the existing treatment plant and shall not restrict available capacity arbitrarily. The Customer will have equal status with all entities served for available capacity; provided, however, that the City reserves the absolute right to reserve capacity in the existing

sewage treatment plant so as to be able to at all times to provide sewer service to property within the City. Such reservation of right to serve City property relates to future users not currently connected to the City system or not currently developed, and such amount of reserve capacity as the City might elect to reserve for City property shall be in the sole discretion of the City, even though the exercise of such discretion may result in the Customer having to deny service to applicants while capacity remains unused in the City's system.

15. NON-ASSIGNABILITY: The Customer shall not assign, pledge or otherwise convey or hypothecate its rights hereunder without the prior written consent of the City.

16. INTEREST: The Customer hereby agrees to pay interest at the prevailing prime rate per annum of all charges pursuant to paragraph two, "CHARGES FOR ACCEPTANCE AND TREATMENT OF SEWAGE", which charges are not paid within thirty (30) days as is required by said paragraphs. The Customer further agrees to pay interest at the prevailing prime rate per annum for charges pursuant to paragraph 12, "CONNECTION CHARGES" where the user connects to the Customer's sewage system without prior payment to the City of the required connection or other charge; said interest to accrue from the date of connection.

17. TEMPORARY STOPPAGE: Any temporary cessation of treatment or disposal of sewage through the City's system caused by an act of God, fire, strike, civil or military authority, State, County or Federal regulatory authority, insurrection or riot, labor unrest, or other action not the result of gross negligence of the City or its agents or employees, shall not constitute a breach of this Agreement on

the part of the City, and the City shall not be liable to the Customer or its users for any damage resulting from such cessation of treatment or disposal.

18. EFFECT OF SEWER RESTRICTIONS: If during the term of this agreement the City shall come under any order of any cognizant County, State or Federal Agency which requires the City to limit or restrict construction or sewage connections because of conditions or operations at such plant, the Customer agrees to enforce and abide by such limitation or restrictions within the area which the Customer serves, as long as the same shall be binding upon the City. The City agrees to take all steps reasonable, the City's determination, to cure any defect resulting in the limitation or restriction.

19. DEFAULT: Upon non-payment of any monthly invoice, or other default by the Customer of any other provision hereof, the City shall have the right to terminate this Agreement and its service hereunder, and to disconnect or block the connecting sewer if such non-payment or other default shall not have been cured by the Customer within ninety (90) days following the Customer's receipt of written notice of such non-payment or default. It is further provided, however, that Customer shall have the right to pay to the City any disputed amounts without relinquishing its rights to dispute or litigate any such said amounts which are paid in dispute. Repeated and frequent defaults, although subsequently cured within the ninety (90) day period, shall, in the City's sole discretion, constitute a non-curable default. The remedies indicated by this paragraph shall be in addition to any other remedy in law or in equity, which the City might have. Customer is responsible for the payment of any cost or expense, to include attorney's fees, incurred by the City, whether or not said default is ultimately cured.

20. OPTION IN EVENT OF DEFAULT:

a) In the event of a default by Customer, not cured within ninety (90) days, the City may elect not to proceed

according to paragraph 19 of this Agreement, but to conti  
to furnish sewer service to user of the Customer. Should the  
City so elect, the Customer hereby agrees, promptly on request of  
the City, to assign to the City, all of the Customer's rights  
to collect charges and to enforce such collections, for providing  
sewer service to the Customer's users. The assignment shall  
continue so long as the City continues, at its election, to  
serve the Customer's users. The Customer expressly agrees to  
make available all books and records reasonably necessary  
to allow the City to bill the Customer's users directly,  
should the City so desire. No excess of amount collected  
from the Customer's users over the amount which would be  
billed under paragraph 12, hereof, shall be returned to the  
Customer, but rather such excess shall be an additional charge  
by the City to the Customer.

b) The City shall have the right, but not the duty, to cure  
any default by Customer and to add the cost of such action to the  
amount due City from Customer. Said right to cure defaults shall  
include but not be limited to the right to inspect and seal sewer  
lines, maintain the system, replace meters or take such other  
action as the City deems proper.

IN WITNESS WHEREOF, the parties hereto have caused this  
Agreement to be duly executed in several counterparts, each  
of which counter-part shall be considered an original executed  
copy of this Agreement, all of which has been duly authorized  
by their respective governing bodies.

Approved as to form  
and Legality:

CITY OF ALTAMONTE SPRINGS, FLORIDA

Michael A. Bandy  
Asst. City Attorney

Raymond M. Calusey  
Mayor

Signed, sealed and delivered  
in the presence of:

Denny Conahan

Attest: [Signature]  
City Clerk

[Signature]

CITY OF EATONVILLE, FLORIDA

Millie J. Cooper

Abraham Gordon  
Mayor

For A.O. [Signature]

Attest: Ruby Thomas  
City Clerk



**DARYL GANUNG & ASSOCIATES**

INCORPORATED

PROFESSIONAL LAND SURVEYORS

SUITE 312 - ALTAMONTE SQUARE

303 ALTAMONTE DRIVE - ALTAMONTE SPRINGS, FLORIDA 32701

**TOWN OF EATONVILLE, FLORIDA  
CORPORATE LIMITS**

Beginning nine hundred and ninety-one and eleven hundredths (991.11) feet north of the southwest corner of the northwest quarter of Section Thirty-five (35), Township Twenty-one (21) south, Range Twenty-nine (29) East; run thence south a distance of 1924.51 feet; thence run west a distance of 466.70 feet; thence run north a distance of 20.00 feet; thence run west a distance of 421.48 feet; thence run north 2 15'40" west, a distance of 438.23 feet to the SE corner of the Ben Hill Property; thence run west a distance of 320.77 feet to the west line of the NE 1/4 of the SE 1/4 of Section 34, Township 21 South, Range 29 East; thence run South 2 14'40" east a distance of 438.41 feet to the NW corner of Catalina Park Subdivision; thence run south 1 48' 14" east a distance of 373.60 feet; thence run south 89 39'16" east a distance of 1196.78 feet to the southeast corner of the NE 1/4 of the SE 1/4 of said Section 34; thence run south 00 01'57" east a distance of 1289.6 feet to the southeast corner of said Section 34, Township 21 South, range 29 east; thence run east along the south line of Section 35; thence east a distance of 660 feet along the south line of Section 36, Township 21 South, Range 29 East; thence run north a distance of 3631.11 feet to a point 662 feet east of the east line of said Section 35; thence run west to the point of beginning.

ALSO, the north 247.8 feet of the west 200 feet of the northeast 1/4 of the Southeast 1/4 ( less north 40 feet for road) Section 34, Township 21 South, Range 29 East.

ALSO: Begin 200 feet east of the NW corner of the NE 1/4 of the SE 1/4 of Section 34, Township 21 South, Range 29 East, and run south on the east line of a tract of land conveyed by grantors to Henry S. Crosby, single, on June 12, 1956, as shown on Public Records of Orange County, Florida, in Official Records Book 110, page 358, --130 feet to a stake; thence east parallel with the north line of said Section, 120 feet to a stake; thence north, parallel with the east line of said tract conveyed to Henry S. Crosby, single, 130 feet to a stake in the north line of said SE 1/4 of Section 34; thence west 120 feet to the NE corner of said tract conveyed to Henry S. Crosby, and the point of beginning. Less the north 30 feet for road.

ALSO: Begin 485.48 feet north of the SE corner of Section 34, Township 21 South, Range 29 East; run North 62 degrees west, 652.13 feet; North 498.14 feet; East to the east line of Section 34; South along said east line of section 34 to the point of beginning.

ALSO: The NW 1/4 of the SE 1/4 lying South of the road and the South 1/2 of vacated road on the north (less Kingswood Manor 7th Add.) Section 34, Township 21 South, Range 29 East.

ALSO: The NW 1/4 of the SE 1/4 north of the road ( less the North 40 feet) Section 34, Township 21 South, Range 29 East.

TOWN OF EATONVILLE, FLORIDA  
CORPORATE LIMITS cont.

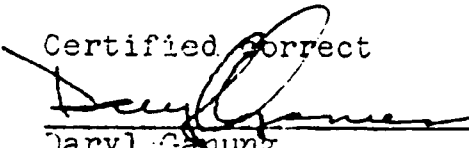
ALSO: Begin 543 feet south of the NE corner of the SW  $\frac{1}{4}$  of the NE  $\frac{1}{4}$  of Section 34, Township 21 South, Range 29 East; run thence south 725.34 feet; thence N. 87 50' 30" W., 577.97 feet; thence N 01 52' 04" W., 990.36 feet; thence S. 64 51' 17" E., 673.70 feet to the point of beginning, less right of way for County Road on the east.

ALSO: Beginning at the southeast corner of the NE  $\frac{1}{4}$  of the SW  $\frac{1}{4}$  of Section 34, Township 21 South, Range 29 East; thence north 957 feet; thence west 1320 feet; thence north 363 feet; thence west 1320 feet; thence south 1320 feet; thence east to the point of beginning, LESS a tract described as follows: Beginning at the SW corner of the NW  $\frac{1}{4}$  of the SW  $\frac{1}{4}$  of Section 34, Township 21 South, Range 29 East; thence east 1635 feet; thence north 01 30' east, 695 feet; thence south 75 31' west, 342 feet; thence west to the west line of said section 34; thence south to the point of beginning.

ALSO: The South  $\frac{1}{2}$  of the West  $\frac{1}{2}$  of the SE  $\frac{1}{4}$  of the NE  $\frac{1}{4}$  of Section 34, Township 21 South, Range 29 East, less road right of way on the west and south.

ALSO: The East  $\frac{1}{2}$  of the SE  $\frac{1}{4}$  of the NE  $\frac{1}{4}$  of Section 34, Township 21 South, Range 29 East, all in Orange County, Florida.

Certified Correct

  
Daryl Ganung  
Registered Florida Land Surveyor #926

Descriptions from information furnished by the Town of Eatonville, Fla.

FORM 101

PROMISSORY NOTE

\$ 53,704.30 Altamonte Springs , Florida January 7 19 82

FOR VALUE RECEIVED, the undersigned jointly and severally promise (s) to pay to the order of  
The City of Altamonte Springs, Florida

at 225 Newburyport Ave., Altamonte Springs, Fla., 32701  
or at such place as the holder(s) of this note may designate in writing the principal sum of FIFTY THREE

THOUSAND SEVEN HUNDRED FOUR AND 30/100 ----- DOLLARS

together with interest thereon from October 1, 1981 at the rate of 12 % per annum on the  
unpaid balance until paid.

The said principal and interest shall be paid in monthly  
installments of TWO THOUSAND ONE HUNDRED AND NO/100 (\$2,100.00)  
DOLLARS, commencing on the 25th day of January, 1982, and the  
25th day of each month thereafter until the 30th day of  
September, 1982, at which time said note shall be paid  
in full in the amount of \$42,664.30.

THIS IS A BALLOON NOTE AND THE FINAL PAYMENT OR THE BALANCE DUE  
UPON MATURITY IS \$42,664.30 TOGETHER WITH ACCRUED INTEREST, IF  
ANY.

If default be made in the payment of any installment under this note, and if such default is not made  
good within 10 days the entire principal sum and accrued  
interest shall at once become due and payable without notice at the option of the holder(s) of this note. Failure  
to exercise this option shall not constitute a waiver of the right to exercise the same at a later time for the same  
default or for any subsequent default. In the event of defaults in the payment of this note, and if the same is  
placed in the hands of an attorney at law for collection, the undersigned hereby agree(s) to pay all costs of collec-  
tion including a reasonable attorney's fee. Presentment, protest and notice are hereby waived.

\_\_\_\_\_  
City of Eatonville, Florida (SEAL)  
By: *Abraham Gordon* (SEAL)  
*Ruby Thomas* (SEAL)  
\_\_\_\_\_  
(SEAL)

MIDSTATE LEGAL SUPPLY CO. - ORLANDO, FLORIDA



# Town of Eatonville

Abraham Gordon  
MAYOR

POST OFFICE BOX 2163  
EATONVILLE, FLORIDA 32751  
305 / 647-0061

September 6, 1984

Mr. Phillip D. Penland, City Manager  
City of Altamonte Springs  
225 Newburyport Avenue  
Altamonte Springs, Florida 32701

Re: Sewage Treatment

Dear Sir:

Please find enclosed your August 28, 1984 letter of agreement signed by Mayor Abraham Gordon.

Thank you for your cooperation in this matter.

Sincerely,

TOWN OF EATONVILLE

Ronald O. Rogers  
Administrative Assistant

cc: Mayor Abraham Gordon  
A.E. O'Neill, Town Engineer  
Joseph Morrell, Town Attorney, Town of Eatonville  
Donald F. Newham, Public Works Director, City of Altamonte Springs  
James A. Fowler, City Attorney, City of Altamonte Springs



# CITY OF ALTAMONTE SPRINGS

225 NEWBURYPORT AVENUE

ALTAMONTE SPRINGS, FLORIDA 32701

August 28, 1984

Mayor Abraham Gordon  
City of Eatonville  
P. O. Box 2163  
Eatonville, Florida 32751

Subject: Sewage Treatment

Dear Mayor Gordon:

As you know, we are operating under a wholesale sewage treatment agreement dated January 7, 1982, in which there are certain provisions relating to infiltration as well as sewage metering. As you are also aware, there has been a problem with the Eatonville lines in that there has been or appears to be a substantial amount of infiltration. It is my understanding from our conversation with Ron Rogers that you have acted to resolve this matter and have authorized Orange Paving to make such repairs as would be necessary to stem this substantial inflow.

With regard to sewage metering, it would appear that the sewage meter that you have attempted to utilize is just not functioning properly. Accordingly, I was pleased to be able to work out an acceptable alternative with Mr. Rogers.

As agreed, Mr. Newnham, the Director of Public Works for the City of Altamonte Springs, and Bert O'Neill, who is the consulting engineer for the City of Eatonville, will conduct a seven (7) day monitoring of your sewage pump running times in order to determine the amount of sewage generated by the City of Eatonville for treatment by the City of Altamonte Springs. This amount will then be utilized to develop a ratio with the amount of water produced by the Eatonville plant. Once we have determined the ratio of sewage to water, we can in the future, bill you based upon that ratio as applied to your water generation which is much more accurately metered.

If at any time either party wishes to re-examine the ratio by conducting a further or more exhaustive monitoring of the amount of sewage actually transmitted to the City of Altamonte Springs for treatment, both parties will agree to such further and extended monitoring as would be reasonable given the circumstances. Both parties shall bear their own expenses in connection with the monitoring.

Mayor Abraham Gordon  
Sewage Treatment  
August 28, 1984  
Page 2

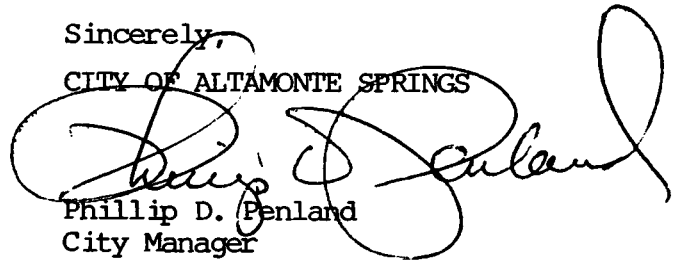
I am pleased that we were able to resolve these problems on such an amicable basis as the City of Altamonte Springs has been quite concerned that, not only was there a substantial amount of infiltration requiring treatment, but that the sewage meter was inaccurately recording the amount of sewage transmitted to Altamonte Springs for treatment, thereby resulting in an inaccurate bill being rendered to the City of Eatonville.

Requests for connection to the system tributary to the City of Altamonte Springs' treatment plant and the execution of the appropriate DER permits can now be considered without regard to your infiltration and inflow or the metering problems. You will need to ensure that Eatonville remains current in the payment of its statements for treatment as well as connection fees in order to continue submitting permits for additional connections.

As you know, we are rapidly approaching the point in time when we will have no further capacity in the existing plant. As you are aware, we are in the process of substantially expanding the plant; however, the capacity from that expansion will probably not be available for approximately another three (3) years. As a consequence of this, there may be a period of time prior to the expansion coming onstream in which we will be required to deny further connections to the system due to a lack of capacity. Any such denials will be temporary until such time as the expansion is completed and it is hoped that if such should occur, it will not unduly inconvenience either the City of Eatonville or its developers.

If you find the terms which I have outlined in this letter to be acceptable and consistent to what we agreed upon at our referenced meeting, I would appreciate your executing the original of this letter and returning the same to me, keeping a copy which I have enclosed for your files.

Sincerely,  
CITY OF ALTAMONTE SPRINGS




Phillip D. Penland  
City Manager

Accepted and agreed to this 31st day of August, 1984.

CITY OF EATONVILLE

cc: Donald F. Newnham, P.E.  
Director, Public Works  
City of Altamonte Springs

James A. Fowler, Esquire  
City Attorney

By:   
Abraham Gordon, Mayor

PDP:pw  
Enclosure

AMENDMENT TO AGREEMENT

THIS AMENDMENT amends that Agreement dated the 7th day of January 1982, by and between the City of Eatonville, hereinafter referred to as "Customer" and the City of Altamonte Springs, Florida, hereinafter referred to as "City" as to the following items:

**RECITALS**

WHEREAS, the City owns and operates a wastewater treatment system; and

WHEREAS, the Customer currently utilizes this wastewater treatment system; and

WHEREAS, the Facilities located in the Customer's jurisdiction currently contribute wastewater which includes or may include industrial waste. These Facilities are hereinafter referred to as industrial users; and

WHEREAS, the City must implement and enforce a pretreatment program to control discharges from all industrial users of its wastewater treatment system pursuant to requirements set out in 40 CFR Part 403 and Florida Department of Environmental Protection (FDEP) Regulation 62-625. In this Amendment to Agreement, Customer agrees to adopt a sewer use ordinance which includes pretreatment requirements that are no less stringent than the City's requirements, as set forth at Chapter 26 of the Code of Ordinances of the City of Altamonte Springs, Florida, that subjects the industrial users within its boundaries to the necessary pretreatment controls, and to implement and enforce that sewer use ordinance.

NOW, THEREFORE, in consideration of the premises and the covenants of each party for the benefit of the other set forth herein, the parties agree as follows:

1. Customer agrees to adopt and diligently enforce a sewer use ordinance which is no less stringent and is as comprehensive as Chapter 26 of the Code of Ordinances of the City of Altamonte Springs, Florida. Customer agrees to forward to City for review a draft of its proposed sewer use ordinance within 60 days of the date of this Agreement. Customer agrees to adopt its sewer use ordinance within 60 days of receiving suggested revisions and/or acceptance from City of its content.
2. Whenever City revises its sewer use ordinance, City agrees to forward a copy of the revisions to Customer. Customer agrees to adopt revisions to Customer's sewer use ordinance that are at least as stringent and comprehensive as those adopted by the City. Customer agrees to forward to City for City review Customer's proposed revisions within 60 days of receipt of the City's revisions. Customer agrees to adopt its revisions within 60 days of receiving suggested revisions and/or acceptance from City of its content.
3. Customer agrees to adopt and diligently enforce pollutant specific local limits which comply at a minimum with the pollutant parameters adopted by the City in Chapter 26 of the Code of Ordinances and the loading limitations established by City for Customer, including limits on the nature, quality and volume of the Customer's wastewater at the point where it discharges to the City's POTW. As of the date of this Amendment to Agreement, the City's local limits are as follows:

COD	400 ppm(max.)
Five-day BOD	250 ppm(max.)
Chlorine demand (15 min.)	6 ppm (max.)
Suspended solids	250 ppm (max.)
Hydrogen ion (pH)	5.5 to 9.5
Grease	100 ppm (max.)
Temperature	150 degrees F (max.)
Total nitrogen	25 ppm (max.)
Total phosphates	10 ppm (max.)

<u>Parameter</u>	<u>Conc. (Mg/l)</u>
Arsenic	0.46
Cadmium	0.28
Copper	2.00
Lead	0.40
Mercury	0.001
Molybdenum	4.50
Nickel	1.00
Selenium	0.50
Silver	0.90
Zinc	4.00

If the City makes any revision or additions to its local limits, it agrees to forward to the Customer a copy of such revisions or additions within 30 days of enactment thereof. Customer agrees to adopt any such revisions or additions within 90 days of receipt thereof.

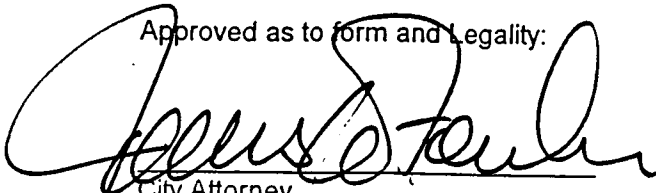
4. Customer agrees to take all actions necessary to ensure that industrial users within its boundaries comply with an approved pretreatment program pursuant to 40CFR 403.8 and FDEP 62-625.500, including the performance of all technical and administrative duties necessary to implement and enforce the sewer use ordinance against industrial users located in its jurisdiction. Customer agrees to: (1) update the industrial waste survey; (2) issue permits to all industrial users required to obtain a permit; (3) conduct inspections, sampling, and analysis; (4) perform enforcement activities; and (5) perform any other technical or administrative duties the Parties deem appropriate. In addition, Customer agrees to take emergency action to stop or prevent any discharge which presents or may present an imminent danger to the health or welfare of humans, which reasonably appears to threaten the environment, or which threatens to cause interference, pass through, or sludge contamination.
5. Customer will maintain current information on industrial users in accordance with FDEP 62-625.500(2)(b)1.&2 F.A.C. located in its jurisdiction discharging through Customer's territory of the City. Customer will update the industrial waste survey on September 1 of each year for industrial users located in its jurisdiction as required in FDEP 62-625.500(2)(e) F.A.C., and following the definition of significant industrial user provided in FDEP 62-625.200(20) F.A.C.. Customer will forward a copy of this survey and analysis to the City.
6. Whenever a new industrial user begins operations in Customer's territory, or any time an existing industrial user increases its discharge by 30% or changes its discharge pursuant to FDEP 62-625.600.(9)F.A.C., or any time it is requested by City, Customer will require that such industrial user respond to an industrial user questionnaire supplied by the City. Customer will forward a copy of the completed questionnaire to City for review.
7. Customer agrees to provide to City access to all records or documents relevant to the pretreatment program for any industrial user located in the Customer's territory or discharging through Customers territory to the City.
8. Customer agrees to monitor, inspect and sample the discharges of all industrial users located in its jurisdiction, at least on an annual basis, or more often as required by EPA, FDEP, and/or the City. Customer agrees to ensure City access to users facilities and to submit written notice of scheduled inspections to the City, providing the opportunity for the City to attend all inspections. If an inspection is in response to an emergency situation and such notice is not possible, Customer agrees to make every effort to informally notify City of the impending inspections so the City may attend. Customer agrees to forward copies of all inspection reports to the City within 30 days of the inspection. Customer agrees to submit to City its procedures for sampling, and analyses, including all procedures in place for quality assurance and quality control. All procedures will conform to those set out in 40 CFR 136, except as otherwise required by the U.S. Environmental Protection Agency. All laboratory analyses will be conducted by a laboratory certified by the State of Florida.



9. Customer agrees to adopt and enforce requirements that provide that City may, with notice to Customer, conduct inspections and sampling at any industrial user's facility located within Customer's territory, as it deems necessary.
10. Customer agrees to issue and enforce permits to all industrial users required to be permitted under its sewer use ordinance located in its jurisdiction. Permits must be issued prior to any discharge. Permits shall contain, at a minimum, appropriate effluent limitations, monitoring and reporting requirements, a statement of duration, a statement of limitations, monitoring and reporting requirements, a statement of duration, a statement of nontransferability, a statement of applicable civil and criminal penalties, and any other conditions required to be included in the permit by the City. After Customer drafts a permit, Customer agrees to forward a copy thereof to City for City's review and comment at least 90 days prior to the expected date of issuance. Within 30 days of receipt of the proposed permit, City will either object, accept the permit, or request Customer to make additions, deletions, or changes. Customer agrees that it shall not issue a permit if the City objects to same.
11. Customer agrees to submit a monthly report to City on the compliance status of each significant industrial user, as that term is defined by Chapter 26 of the Code of Ordinances of the City of Altamonte Springs, and any enforcement response taken or anticipated. Such report is to include the time frames for initial enforcement actions, as well as any subsequent enforcement actions.
12. Customer agrees to enforce the provisions of its sewer use ordinance and permits. Customer further agrees to include in its ordinance and permits a provision that, in the event Customer fails to take adequate enforcement action against noncompliant users in Customer territory on a timely basis, City shall be authorized to take enforcement action directly against user, on behalf of and as agent for Customer, and that City shall be entitled to recover damages and all attorneys fees and costs in having to take such action and/or correct violations.
13. City and Customer agree that City may take emergency action, whenever it deems necessary, to stop or prevent any discharge which presents, or in the City's opinion may present, an imminent danger to the health, safety or welfare, or which reasonably appears to threaten the environment, or which threatens to cause interference, pass through, or sludge contamination. City agrees to make every effort to provide informal notice to the user and Customer of its intent to take emergency action prior to taking action. The opportunity to respond, however, may be limited to a hearing after the emergency powers of City have been exercised.
14. City and Customer agree that, as a condition precedent to, and prior to any industrial user located outside the jurisdictional boundaries of Customer discharging into the Customer's sewer system, Customer and City shall enter into an agreement with the jurisdiction in which such industrial user is located. Such agreement shall be substantially equivalent to this Amendment to Agreement, and must be fully secured prior to a discharge from any industrial user outside the jurisdiction. Such agreement shall also be updated and meet all the requirements of this Amendment to Agreement, and the underlying Agreement between Customer and City.
15. Customer agrees to indemnify and hold the City harmless for all damages, fines and costs incurred as a result of industrial waste discharges from Customer or its clients or failure of Customer to comply with this Amendment to Agreement.
16. City and Customer agree that if any term of this Amendment to Agreement is held to be invalid in any judicial action, the remaining terms of this Agreement will remain unaffected.
17. City and Customer agree to review and revise this Amendment to Agreement to ensure compliance with the Federal Clean Water Act (42U.S.C. §1251 et seq.) and the rules and regulations issued thereunder, as necessary, but at least every 5 years from the anniversary date of this Amendment to Agreement.

- 18. City and Customer agree that the City may terminate this Agreement by providing 180 days written notice to the Customer. All benefits and obligations under this Agreement will cease following 180 days from receipt of such notice.
- 19. All other provisions of the Agreement entered into between the Parties dated 2-16-99, shall remain in full force and effect unless superseded by inconsistent provisions of the Amendment to Agreement.

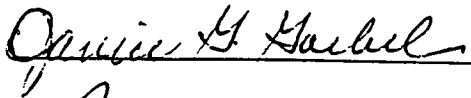

Approved as to form and Legality:

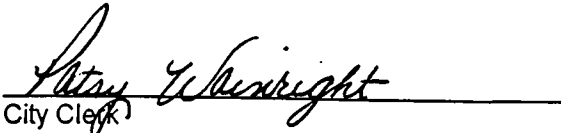
  
 \_\_\_\_\_  
 City Attorney

CITY OF ALTAMONTE SPRINGS, FLORIDA  
(City)

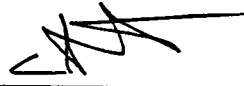
  
 \_\_\_\_\_  
 Mayor

Signed, sealed and delivered  
in the presence of:

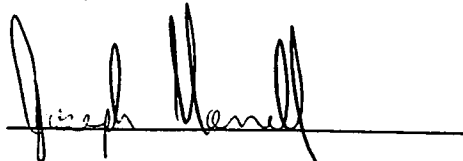
  
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Attest:   
 \_\_\_\_\_  
 City Clerk

EATONVILLE, FLORIDA

  
 \_\_\_\_\_  
 Mayor

Signed, sealed and delivered  
in the presence of:

  
 \_\_\_\_\_  
 \_\_\_\_\_

Attest:   
 \_\_\_\_\_  
 City Clerk



# City of Altamonte Springs

## MEMORANDUM

**DATE:** February 15, 1999

**TO:** Pat Wainright, City Clerk

**THROUGH:** Glenn E. Forrest, Director of Public Works *GF 2-15-99*

**FROM:** Rick Hosier, Ass't. Dir. PW/Water Reclamation *RH*

**SUBJECT:** Documents for Mayor's Signature

Attached, please find copies of three Amendments to the City's Wholesale Agreements for Eatonville, Maitland and Winter Park. The changes to the agreements are mandated by the state in accordance with the pretreatment rule, 62-625 F.A.C. These mandatory revisions are a result of comparing the Environmental Protection Agency (EPA) Multijurisdictional Pretreatment Programs Guidance Manual (EPA 833-B-94-005) with the existing agreements.

The amendments were approved by our City Commission on October 20, 1998, for execution by the Mayor upon adoption by our wholesale sewer customers. The amendments have been adopted by the respective municipalities. The amendment for Winter Park was modified to delete items 8 and 11. The modifications were reviewed with the City Attorney's office and determined to be acceptable. In accordance with the Florida Department of Environmental Protection (FDEP) requirements, the amendments must be submitted to the FDEP once they have been adopted by both the City and the customers.

**RECOMMENDATION:**

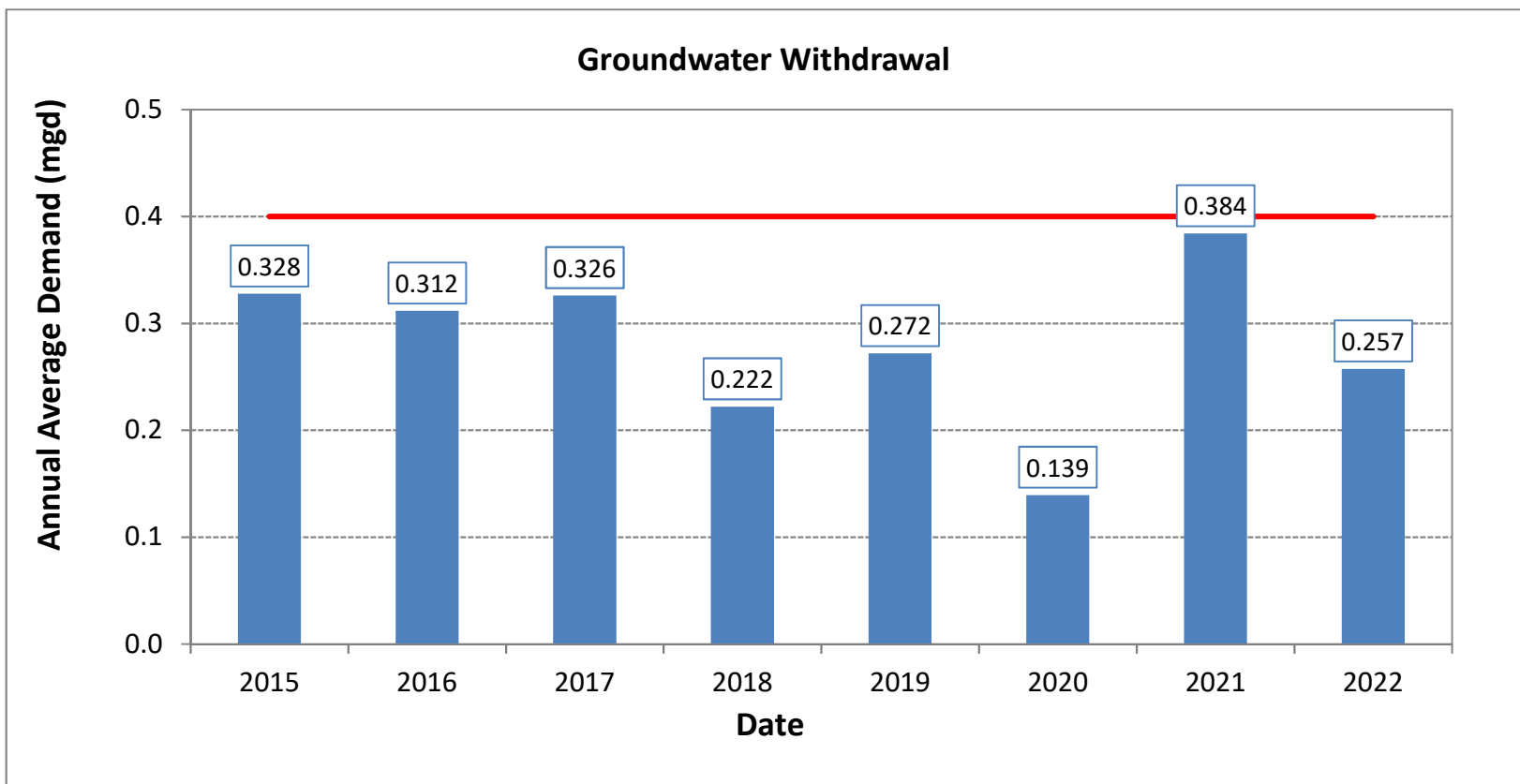
I recommend that the Mayor be requested to execute the attached documents. Upon execution of the documents, please retain one (1) original for your records and return the other to me for further processing.

*returned to R. Hosier  
2/24/99 KB - via  
inner office mail.*

## **APPENDIX C: Adjusted Population and Water Demand Projections (2023 to 2043)**

	A	B	C	D	E	F	G	H	I
1	<b>WTP No. 1</b>								
2	<b>EN-50 Verified Values</b>		<b>Well No. 3</b>	<b>Well No. 4</b>	<b>Total</b>	<b>Average Day Demand</b>	<b>CUP Limit</b>	<b>% CUP Capacity</b>	
3			<b>38634</b>	<b>38635</b>					
4		<b>Date</b>			<b>(gallons)</b>	<b>(MGD)</b>	<b>(MGD)</b>	<b>(%)</b>	
5		2015	Jan-15	4,774,500	4,774,500	9,549,000	0.308	0.4	77%
6	Feb-15		4,134,500	4,134,500	8,269,000	0.295	0.4	74%	
7	Mar-15		4,863,000	4,863,000	9,726,000	0.314	0.4	78%	
8	Apr-15		4,610,500	4,610,500	9,221,000	0.307	0.4	77%	
9	May-15		5,357,500	5,357,500	10,715,000	0.346	0.4	86%	
10	Jun-15		5,462,500	5,462,500	10,925,000	0.364	0.4	91%	
11	Jul-15		6,181,450	6,181,450	12,362,900	0.399	0.4	100%	
12	Aug-15		5,432,000	5,432,000	10,864,000	0.350	0.4	88%	
13	Sep-15		4,747,500	4,747,500	9,495,000	0.317	0.4	79%	
14	Oct-15		4,919,000	4,919,000	9,838,000	0.317	0.4	79%	
15	Nov-15		4,641,000	4,641,000	9,282,000	0.309	0.4	77%	
16	Dec-15		4,649,000	4,649,000	9,298,000	0.300	0.4	75%	
17	2016	Jan-16	4,382,050	4,382,050	8,764,100	0.283	0.4	71%	
18		Feb-16	5,461,750	5,461,750	10,923,500	0.377	0.4	94%	
19		Mar-16	5,293,795	5,293,795	10,587,590	0.342	0.4	85%	
20		Apr-16	4,708,500	4,708,500	9,417,000	0.314	0.4	78%	
21		May-16	4,580,450	4,580,450	9,160,900	0.296	0.4	74%	
22		Jun-16	4,274,000	4,274,000	8,548,000	0.285	0.4	71%	
23		Jul-16	4,965,000	4,965,000	9,930,000	0.320	0.4	80%	
24		Aug-16	4,571,000	4,571,000	9,142,000	0.295	0.4	74%	
25		Sep-16	4,869,500	4,869,500	9,739,000	0.325	0.4	81%	
26		Oct-16	4,767,500	4,767,500	9,535,000	0.308	0.4	77%	
27		Nov-16	4,210,000	4,210,000	8,420,000	0.281	0.4	70%	
28		Dec-16	4,929,000	4,929,000	9,858,000	0.318	0.4	80%	
29	2017	Jan-17	9,146,000	0	9,146,000	0.295	0.4	74%	38635 - missing 2017-01 report
30		Feb-17	13,776,000	0	13,776,000	0.492	0.4	123%	Well #4 Off-line?
31		Mar-17	10,552,000	0	10,552,000	0.340	0.4	85%	Well #4 Off-line?
32		Apr-17	10,717,000	0	10,717,000	0.357	0.4	89%	Well #4 Off-line?
33		May-17	12,022,000	0	12,022,000	0.388	0.4	97%	Well #4 Off-line?
34		Jun-17	10,509,000	0	10,509,000	0.350	0.4	88%	Well #4 Off-line?
35		Jul-17	5,197,000	5,197,000	10,394,000	0.335	0.4	84%	
36		Aug-17	4,548,300	4,548,300	9,096,600	0.293	0.4	73%	
37		Sep-17	4,181,500	4,181,500	8,363,000	0.279	0.4	70%	
38		Oct-17	4,131,500	4,131,500	8,263,000	0.267	0.4	67%	
39		Nov-17	4,205,000	4,204,000	8,409,000	0.280	0.4	70%	
40		Dec-17	3,862,850	3,862,850	7,725,700	0.249	0.4	62%	
41	2018	Jan-18	4,170,000	4,170,000	8,340,000	0.269	0.4	67%	
42		Feb-18	3,739,000	3,739,000	7,478,000	0.267	0.4	67%	
43		Mar-18	4,283,500	4,283,500	8,567,000	0.276	0.4	69%	
44		Apr-18	4,468,000	4,468,000	8,936,000	0.298	0.4	74%	
45		May-18	4,786,500	4,786,500	9,573,000	0.309	0.4	77%	
46		Jun-18	4,591,000	4,591,000	9,182,000	0.306	0.4	77%	
47		Jul-18	5,135,500	5,135,500	10,271,000	0.331	0.4	83%	
48		Aug-18	5,021,000	5,021,000	10,042,000	0.324	0.4	81%	
49		Sep-18	2,776,300	2,776,300	5,552,600	0.185	0.4	46%	
50		Oct-18	490,850	490,850	981,700	0.032	0.4	8%	
51		Nov-18	481,600	481,600	963,200	0.032	0.4	8%	
52		Dec-18	557,500	557,500	1,115,000	0.036	0.4	9%	
53	2019	Jan-19	991,000	991,000	1,982,000	0.064	0.4	16%	
54		Feb-19	8,087,700	8,087,700	16,175,400	0.578	0.4	144%	
55		Mar-19	8,505,000	8,505,000	17,010,000	0.549	0.4	137%	
56		Apr-19	8,578,000	8,278,000	16,856,000	0.562	0.4	140%	
57		May-19	11,921,600	11,921,600	23,843,200	0.769	0.4	192%	
58		Jun-19	11,660,000	11,660,000	23,320,000	0.777	0.4	194%	
59		Jul-19	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
60		Aug-19	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
61		Sep-19	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
62		Oct-19	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
63		Nov-19	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
64		Dec-19	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
65	2020	Jan-20	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
66		Feb-20	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
67		Mar-20	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
68		Apr-20	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
69		May-20	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
70		Jun-20	0	0	0	0.000	0.4	0%	EN-50 reported 0, Meter Broken?
71		Jul-20	4,589,500	4,589,500	9,179,000	0.296	0.4	74%	
72		Aug-20	4,730,750	4,730,750	9,461,500	0.305	0.4	76%	
73		Sep-20	3,704,000	3,704,000	7,408,000	0.247	0.4	62%	
74		Oct-20	4,958,700	4,958,700	9,917,400	0.320	0.4	80%	
75		Nov-20	3,652,500	3,652,500	7,305,000	0.244	0.4	61%	
76		Dec-20	3,850,000	3,850,000	7,700,000	0.248	0.4	62%	
77	2021	Jan-21	4,325,250	4,325,250	8,650,500	0.279	0.4	70%	
78		Feb-21	3,480,750	3,480,750	6,961,500	0.249	0.4	62%	
79		Mar-21	4,021,500	4,021,500	8,043,000	0.259	0.4	65%	
80		Apr-21	3,840,500	3,840,500	7,681,000	0.256	0.4	64%	
81		May-21	4,646,350	4,646,350	9,292,700	0.300	0.4	75%	
82		Jun-21	4,439,000	4,439,000	8,878,000	0.296	0.4	74%	
83		Jul-21	6,855,000	6,855,000	13,710,000	0.442	0.4	111%	
84		Aug-21	6,612,000	6,612,000	13,224,000	0.427	0.4	107%	
85		Sep-21	7,400,000	7,400,000	14,800,000	0.493	0.4	123%	
86		Oct-21	7,436,000	7,436,000	14,872,000	0.480	0.4	120%	
87		Nov-21	8,598,000	8,598,000	17,196,000	0.573	0.4	143%	
88		Dec-21	8,403,000	8,403,000	16,806,000	0.542	0.4	136%	
89	2022	Jan-22	8,487,000	8,487,000	16,974,000	0.548	0.4	137%	
90		Feb-22	6,612,000	6,612,000	13,224,000	0.472	0.4	118%	
91		Mar-22	7,436,000	7,436,000	14,872,000	0.480	0.4	120%	
92		Apr-22	7,436,000	7,436,000	14,872,000	0.496	0.4	124%	
93		May-22	8,598,000	8,598,000	17,196,000	0.555	0.4	139%	
94		Jun-22	8,403,000	8,403,000	16,806,000	0.560	0.4	140%	
95		Jul-22			0	0.000	0.4	0%	July-December reports not available
96		Aug-22			0	0.000	0.4	0%	
97		Sep-22			0	0.000	0.4	0%	
98		Oct-22			0	0.000	0.4	0%	
99		Nov-22			0	0.000	0.4	0%	
100		Dec-22			0	0.000	0.4	0%	
101									
102									
103		Source: SJRWMD Reports							

	A	B	C	D	E	F	G	H
1		Parameter	WTP No. 1		TOTAL		CUP Allocations	
2			Well No. 3	Well No. 4	Annual Average Daily Demand	Peak Month	Annual Average Daily Limit	Annual Average Daily Limit
3	Year		(mgd)	(mgd)	(mgd)	(mgd)	(mgd)	(%)
4		Average (5-yr) 2018-2022	0.128	0.127	0.255	0.523	0.400	64%
5		Percent	50%	50%	100%			
6		2015	0.164	0.164	0.328	0.412	0.400	82%
7		2016	0.156	0.156	0.312	0.364	0.400	78%
8		2017	0.254	0.072	0.326	0.459	0.400	81%
9		2018	0.111	0.111	0.222	0.342	0.400	55%
10		2019	0.136	0.135	0.272	0.795	0.400	68%
11		2020	0.070	0.070	0.139	0.331	0.400	35%
12		2021	0.192	0.192	0.384	0.573	0.400	96%
13		2022	0.129	0.129	0.257	0.573	0.400	64%



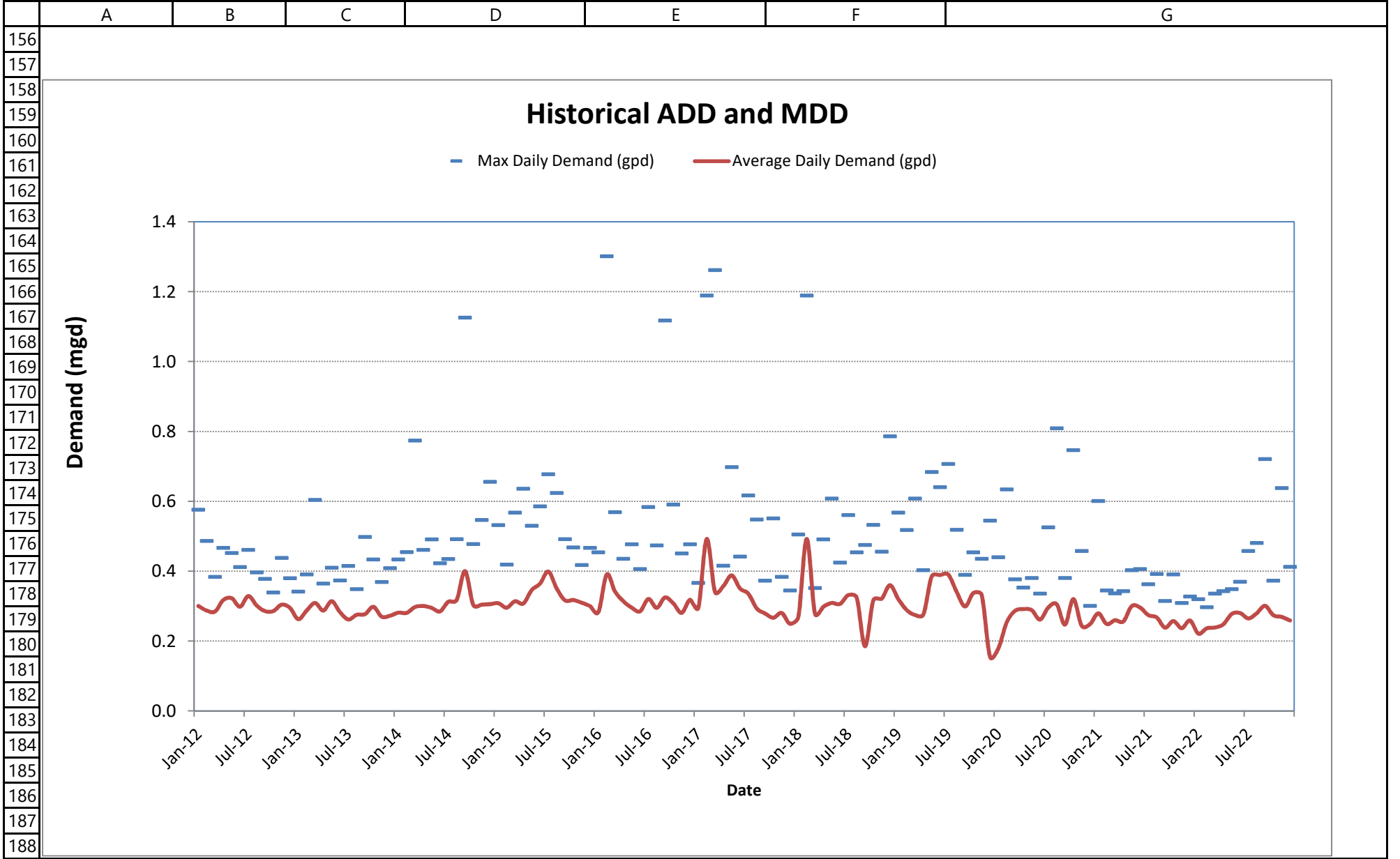
Town of Eatonville  
Water Supply Facilities Work Plan  
MORs

	A	B	C	D	E	F	G
1	PARAMETER	WTP No. 1					
2	Date						
3	(Month-Year)	Average Daily Demand (gpd)	Max Daily Demand (gpd)	MDD/ADD Peaking Factor	Rated Max Day Design Capacity	% Max Day Design Capacity	Comments
4	Column1	Column2	Column3	Column4	Column5	Column6	Column7
5	Jan-12	300,161	575,000	1.92	1,440,000	40%	
6	Feb-12	287,207	486,000	1.69	1,440,000	34%	
7	Mar-12	284,419	383,000	1.35	1,440,000	27%	
8	Apr-12	317,333	466,000	1.47	1,440,000	32%	
9	May-12	322,548	451,000	1.40	1,440,000	31%	
10	Jun-12	298,133	411,000	1.38	1,440,000	29%	
11	Jul-12	328,710	460,000	1.40	1,440,000	32%	
12	Aug-12	301,677	396,000	1.31	1,440,000	28%	
13	Sep-12	285,567	377,000	1.32	1,440,000	26%	
14	Oct-12	285,774	338,000	1.18	1,440,000	23%	
15	Nov-12	304,067	437,000	1.44	1,440,000	30%	
16	Dec-12	294,675	379,000	1.29	1,440,000	26%	
17	Jan-13	262,387	341,000	1.30	1,440,000	24%	
18	Feb-13	287,143	390,000	1.36	1,440,000	27%	
19	Mar-13	308,871	603,000	1.95	1,440,000	42%	
20	Apr-13	287,033	364,000	1.27	1,440,000	25%	
21	May-13	314,000	409,000	1.30	1,440,000	28%	
22	Jun-13	282,567	373,000	1.32	1,440,000	26%	
23	Jul-13	261,581	414,000	1.58	1,440,000	29%	
24	Aug-13	274,935	348,000	1.27	1,440,000	24%	
25	Sep-13	276,900	497,000	1.79	1,440,000	35%	
26	Oct-13	297,871	433,000	1.45	1,440,000	30%	
27	Nov-13	269,667	368,000	1.36	1,440,000	26%	
28	Dec-13	272,323	408,000	1.50	1,440,000	28%	
29	Jan-14	281,194	433,000	1.54	1,440,000	30%	
30	Feb-14	280,571	454,000	1.62	1,440,000	32%	
31	Mar-14	297,226	773,000	2.60	1,440,000	54%	
32	Apr-14	300,100	460,000	1.53	1,440,000	32%	
33	May-14	294,645	490,000	1.66	1,440,000	34%	
34	Jun-14	284,700	422,000	1.48	1,440,000	29%	
35	Jul-14	312,484	434,000	1.39	1,440,000	30%	
36	Aug-14	317,571	491,000	1.55	1,440,000	34%	
37	Sep-14	399,933	1,125,000	2.81	1,440,000	78%	
38	Oct-14	302,745	477,000	1.58	1,440,000	33%	
39	Nov-14	303,933	546,000	1.80	1,440,000	38%	
40	Dec-14	305,484	655,000	2.14	1,440,000	45%	
41	Jan-15	308,032	531,000	1.72	1,440,000	37%	
42	Feb-15	295,321	418,000	1.42	1,440,000	29%	
43	Mar-15	313,742	567,000	1.81	1,440,000	39%	
44	Apr-15	307,367	635,000	2.07	1,440,000	44%	
45	May-15	345,645	529,000	1.53	1,440,000	37%	
46	Jun-15	364,167	585,000	1.61	1,440,000	41%	
47	Jul-15	398,803	677,000	1.70	1,440,000	47%	
48	Aug-15	350,452	623,000	1.78	1,440,000	43%	
49	Sep-15	316,500	491,000	1.55	1,440,000	34%	
50	Oct-15	317,355	467,000	1.47	1,440,000	32%	
51	Nov-15	309,400	417,000	1.35	1,440,000	29%	
52	Dec-15	299,935	466,000	1.55	1,440,000	32%	
53	Jan-16	282,713	453,000	1.60	1,440,000	31%	
54	Feb-16	390,125	1,301,000	3.33	1,440,000	90%	WM Break
55	Mar-16	341,535	568,000	1.66	1,440,000	39%	
56	Apr-16	313,900	435,000	1.39	1,440,000	30%	
57	May-16	295,513	476,000	1.61	1,440,000	33%	
58	Jun-16	284,933	405,000	1.42	1,440,000	28%	
59	Jul-16	320,323	583,000	1.82	1,440,000	40%	
60	Aug-16	294,903	473,000	1.60	1,440,000	33%	
61	Sep-16	324,633	1,117,000	3.44	1,440,000	78%	
62	Oct-16	307,581	590,000	1.92	1,440,000	41%	
63	Nov-16	280,667	450,000	1.60	1,440,000	31%	
64	Dec-16	318,000	476,000	1.50	1,440,000	33%	
65	Jan-17	295,032	366,000	1.24	1,440,000	25%	
66	Feb-17	492,000	1,188,000	2.41	1,440,000	83%	
67	Mar-17	340,387	1,261,000	3.70	1,440,000	88%	
68	Apr-17	357,233	415,000	1.16	1,440,000	29%	
69	May-17	387,806	697,000	1.80	1,440,000	48%	
70	Jun-17	350,300	441,000	1.26	1,440,000	31%	
71	Jul-17	335,290	616,000	1.84	1,440,000	43%	
72	Aug-17	293,439	547,000	1.86	1,440,000	38%	
73	Sep-17	278,767	372,000	1.33	1,440,000	26%	
74	Oct-17	266,548	550,000	2.06	1,440,000	38%	
75	Nov-17	280,267	383,000	1.37	1,440,000	27%	
76	Dec-17	249,216	344,000	1.38	1,440,000	24%	

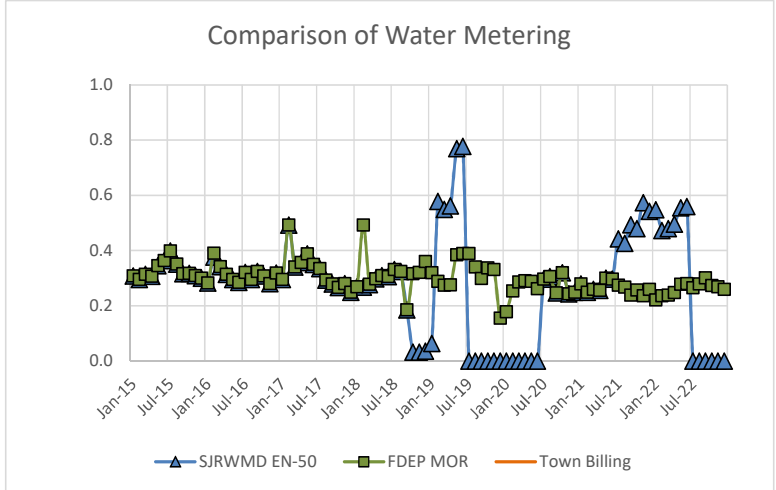
Town of Eatonville  
Water Supply Facilities Work Plan  
MORs

	A	B	C	D	E	F	G
77	Jan-18	269,032	504,000	1.87	1,440,000	35%	
78	Feb-18	492,000	1,188,000	2.41	1,440,000	83%	
79	Mar-18	277,533	351,000	1.26	1,440,000	24%	
80	Apr-18	297,867	490,000	1.65	1,440,000	34%	
81	May-18	308,806	607,000	1.97	1,440,000	42%	
82	Jun-18	306,067	424,000	1.39	1,440,000	29%	
83	Jul-18	331,323	560,000	1.69	1,440,000	39%	
84	Aug-18	323,935	453,000	1.40	1,440,000	31%	
85	Sep-18	185,087	474,000	2.56	1,440,000	33%	
86	Oct-18	316,680	532,000	#REF!	1,440,000	37%	added 0 at end
87	Nov-18	321,070	455,000	#REF!	1,440,000	32%	added 0 at end
88	Dec-18	359,680	785,000	#REF!	1,440,000	55%	added 0 at end
89	Jan-19	319,680	567,000	1.77	1,440,000	39%	added 0 at end
90	Feb-19	288,821	517,000	1.79	1,440,000	36%	
91	Mar-19	274,355	607,000	2.21	1,440,000	42%	
92	Apr-19	275,933	402,000	1.46	1,440,000	28%	
93	May-19	384,568	683,000	1.78	1,440,000	47%	
94	Jun-19	388,667	640,000	1.65	1,440,000	44%	
95	Jul-19	389,710	706,000	1.81	1,440,000	49%	
96	Aug-19	340,286	518,000	1.52	1,440,000	36%	
97	Sep-19	298,813	389,000	1.30	1,440,000	27%	
98	Oct-19	337,484	453,000	1.34	1,440,000	31%	
99	Nov-19	331,667	435,000	1.31	1,440,000	30%	
100	Dec-19	155,042	544,000	3.51	1,440,000	38%	
101	Jan-20	178,677	439,000	2.46	1,440,000	30%	
102	Feb-20	253,348	633,000	2.50	1,440,000	44%	
103	Mar-20	286,226	376,000	1.31	1,440,000	26%	
104	Apr-20	291,167	352,000	1.21	1,440,000	24%	
105	May-20	288,387	380,000	1.32	1,440,000	26%	
106	Jun-20	261,321	335,000	1.28	1,440,000	23%	
107	Jul-20	296,097	525,000	1.77	1,440,000	36%	
108	Aug-20	305,210	808,500	2.65	1,440,000	56%	
109	Sep-20	246,933	380,000	1.54	1,440,000	26%	
110	Oct-20	319,916	746,000	2.33	1,440,000	52%	
111	Nov-20	243,500	457,000	1.88	1,440,000	32%	
112	Dec-20	248,387	300,000	1.21	1,440,000	21%	
113	Jan-21	279,048	600,000	2.15	1,440,000	42%	
114	Feb-21	248,625	344,000	1.38	1,440,000	24%	
115	Mar-21	259,452	336,000	1.30	1,440,000	23%	
116	Apr-21	256,033	342,000	1.34	1,440,000	24%	
117	May-21	299,765	402,000	1.34	1,440,000	28%	
118	Jun-21	295,933	405,000	1.37	1,440,000	28%	
119	Jul-21	274,000	362,000	1.32	1,440,000	25%	
120	Aug-21	267,355	391,000	1.46	1,440,000	27%	adjusted average and max to not include outlier
121	Sep-21	238,167	314,000	1.32	1,440,000	22%	
122	Oct-21	257,129	390,000	1.52	1,440,000	27%	
123	Nov-21	236,533	308,000	1.30	1,440,000	21%	
124	Dec-21	258,806	327,000	1.26	1,440,000	23%	
125	Jan-22	221,129	319,000	1.44	1,440,000	22%	
126	Feb-22	236,143	296,000	1.25	1,440,000	21%	
127	Mar-22	238,710	335,000	1.40	1,440,000	23%	
128	Apr-22	247,867	342,000	1.38	1,440,000	24%	
129	May-22	277,355	348,000	1.25	1,440,000	24%	
130	Jun-22	280,100	369,000	1.32	1,440,000	26%	
131	Jul-22	264,677	457,000	1.73	1,440,000	32%	adjusted average and max to not include outlier
132	Aug-22	279,323	480,000	1.72	1,440,000	33%	
133	Sep-22	300,800	720,000	2.39	1,440,000	50%	
134	Oct-22	273,774	372,000	1.36	1,440,000	26%	
135	Nov-22	269,003	637,000	2.37	1,440,000	44%	
136	Dec-22	258,871	412,000	1.59	1,440,000	29%	
137							
138	<b>PARAMETER</b>	<b>WTP No. 1</b>					
139	<b>Date</b>	<b>Town of Eatonville</b>					
140	<b>(Year)</b>	<b>ADD (MGD)</b>	<b>MDD (MGD)</b>	<b>MDD/ADD</b>	<i>Rated Max Day Design Capacity</i>	<b>% Max Day Design Capacity</b>	
141	2012	0.301	0.575	1.91	1.44	30%	
142	2013	0.283	0.603	2.13	1.44	29%	
143	2014	0.307	1.125	3.67	1.44	28%	
144	2015	0.327	0.677	2.07	1.44	29%	
145	2016	0.313	1.301	4.16	1.44	29%	
146	2017	0.327	1.261	3.85	1.44	28%	
147	2018	0.316	1.188	3.76	1.44	28%	
148	2019	0.315	0.706	2.24	1.44	28%	
149	2020	0.268	0.809	3.01	1.44	28%	
150	2021	0.264	0.600	2.27	1.44	28%	
151	2022	0.262	0.720	2.74	1.44	29%	
152	<b>Average (5-yr)</b>	<b>0.285</b>	<b>0.805</b>	<b>2.81</b>	<b>1.44</b>	<b>28%</b>	
153							
154							
155							





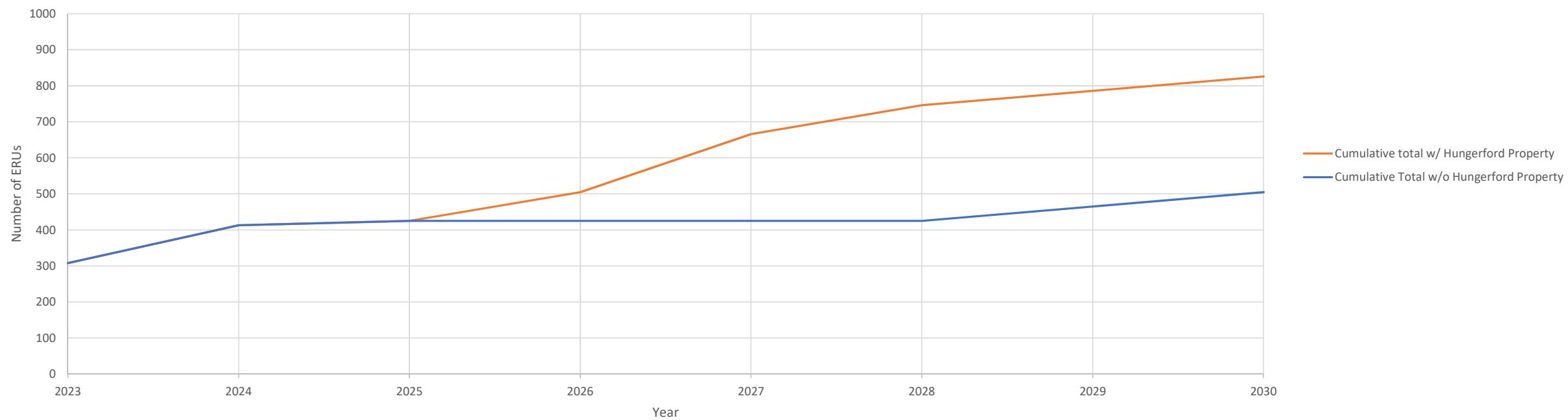
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	PARAMETER	Date	SJRWMD EN-50	FDEP MOR	WTP Use	Town Billing	Loss								
2	2015	Jan-15	0.308	0.308	0.000		0.308								
3		Feb-15	0.295	0.295	0.000		0.295								
4		Mar-15	0.314	0.314	(0.000)		0.314								
5		Apr-15	0.307	0.307	(0.000)		0.307								
6		May-15	0.346	0.346	0.000		0.346								
7		Jun-15	0.364	0.364	(0.000)		0.364								
8		Jul-15	0.399	0.399	0.000		0.399								
9		Aug-15	0.350	0.350	(0.000)		0.350								
10		Sep-15	0.317	0.317	-		0.317								
11		Oct-15	0.317	0.317	(0.000)		0.317								
12		Nov-15	0.309	0.309	-		0.309								
13		Dec-15	0.300	0.300	0.000		0.300								
14	2016	Jan-16	0.283	0.283	(0.000)		0.283								
15		Feb-16	0.377	0.390	(0.013)		0.390								
16		Mar-16	0.342	0.342	0.000		0.342								
17		Apr-16	0.314	0.314	-		0.314								
18		May-16	0.296	0.296	(0.000)		0.296								
19		Jun-16	0.285	0.285	0.000		0.285								
20		Jul-16	0.320	0.320	(0.000)		0.320								
21		Aug-16	0.295	0.295	0.000		0.295								
22		Sep-16	0.325	0.325	0.000		0.325								
23		Oct-16	0.308	0.308	(0.000)		0.308								
24		Nov-16	0.281	0.281	(0.000)		0.281								
25		Dec-16	0.318	0.318	-		0.318								
26	2017	Jan-17	0.295	0.295	0.000		0.295								
27		Feb-17	0.492	0.492	-		0.492								
28		Mar-17	0.340	0.340	0.000		0.340								
29		Apr-17	0.357	0.357	0.000		0.357								
30		May-17	0.388	0.388	0.000		0.388								
31		Jun-17	0.350	0.350	-		0.350								
32		Jul-17	0.335	0.335	0.000		0.335								
33		Aug-17	0.293	0.293	(0.000)		0.293								
34		Sep-17	0.279	0.279	(0.000)		0.279								
35		Oct-17	0.267	0.267	0.000		0.267								
36		Nov-17	0.280	0.280	0.000		0.280								
37		Dec-17	0.249	0.249	0.000		0.249								
38	2018	Jan-18	0.269	0.269	0.000		0.269								
39		Feb-18	0.267	0.492	(0.225)		0.492								
40		Mar-18	0.276	0.278	(0.001)		0.278								
41		Apr-18	0.298	0.298	(0.000)		0.298								
42		May-18	0.309	0.309	0.000		0.309								
43		Jun-18	0.306	0.306	(0.000)		0.306								
44		Jul-18	0.331	0.331	(0.000)		0.331								
45		Aug-18	0.324	0.324	0.000		0.324								
46		Sep-18	0.185	0.185	(0.000)		0.185								
47		Oct-18	0.032	0.317	(0.285)		0.317								
48		Nov-18	0.032	0.321	(0.289)		0.321								
49		Dec-18	0.036	0.360	(0.324)		0.360								
50	2019	Jan-19	0.064	0.320	(0.256)		0.320								
51		Feb-19	0.578	0.289	0.289		0.289								
52		Mar-19	0.549	0.274	0.274		0.274								
53		Apr-19	0.562	0.276	0.286		0.276								
54		May-19	0.769	0.385	0.385		0.385								
55		Jun-19	0.777	0.389	0.389		0.389								
56		Jul-19	-	0.390	(0.390)		0.390								
57		Aug-19	-	0.340	(0.340)		0.340								
58		Sep-19	-	0.299	(0.299)		0.299								
59		Oct-19	-	0.337	(0.337)		0.337								
60		Nov-19	-	0.332	(0.332)		0.332								
61		Dec-19	-	0.155	(0.155)		0.155								
62	2020	Jan-20	-	0.179	(0.179)		0.179								
63		Feb-20	-	0.253	(0.253)		0.253								
64		Mar-20	-	0.286	(0.286)		0.286								
65		Apr-20	-	0.291	(0.291)		0.291								
66		May-20	-	0.288	(0.288)		0.288								
67		Jun-20	-	0.261	(0.261)		0.261								
68		Jul-20	0.296	0.296	(0.000)		0.296								
69		Aug-20	0.305	0.305	(0.000)		0.305								
70		Sep-20	0.247	0.247	0.000		0.247								
71		Oct-20	0.320	0.320	0.000		0.320								
72		Nov-20	0.244	0.244	-		0.244								
73		Dec-20	0.248	0.248	0.000		0.248								
74	2021	Jan-21	0.279	0.279	0.000		0.279								
75		Feb-21	0.249	0.249	-		0.249								
76		Mar-21	0.259	0.259	(0.000)		0.259								
77		Apr-21	0.256	0.256	0.000		0.256								
78		May-21	0.300	0.300	(0.000)		0.300								
79		Jun-21	0.296	0.296	0.000		0.296								
80		Jul-21	0.442	0.274	0.168		0.274								
81		Aug-21	0.427	0.267	0.159		0.267								
82		Sep-21	0.493	0.238	0.255		0.238								
83		Oct-21	0.480	0.257	0.223		0.257								
84		Nov-21	0.573	0.237	0.337		0.237								
85		Dec-21	0.542	0.259	0.283		0.259								
86	2022	Jan-22	0.548	0.221	0.326		0.221								
87		Feb-22	0.472	0.236	0.236		0.236								
88		Mar-22	0.480	0.239	0.241		0.239								
89		Apr-22	0.496	0.248	0.248		0.248								
90		May-22	0.555	0.277	0.277		0.277								
91		Jun-22	0.560	0.280	0.280		0.280								
92		Jul-22	-	0.265	(0.265)		0.265								
93		Aug-22	-	0.279	(0.279)		0.279								
94		Sep-22	-	0.301	(0.301)		0.301								
95		Oct-22	-	0.274	(0.274)		0.274								
96		Nov-22	-	0.269	(0.269)		0.269								
97		Dec-22	-	0.259	(0.259)		0.259								



Town of Eatonville  
Water Supply Facilities Work Plan  
Known New Developments

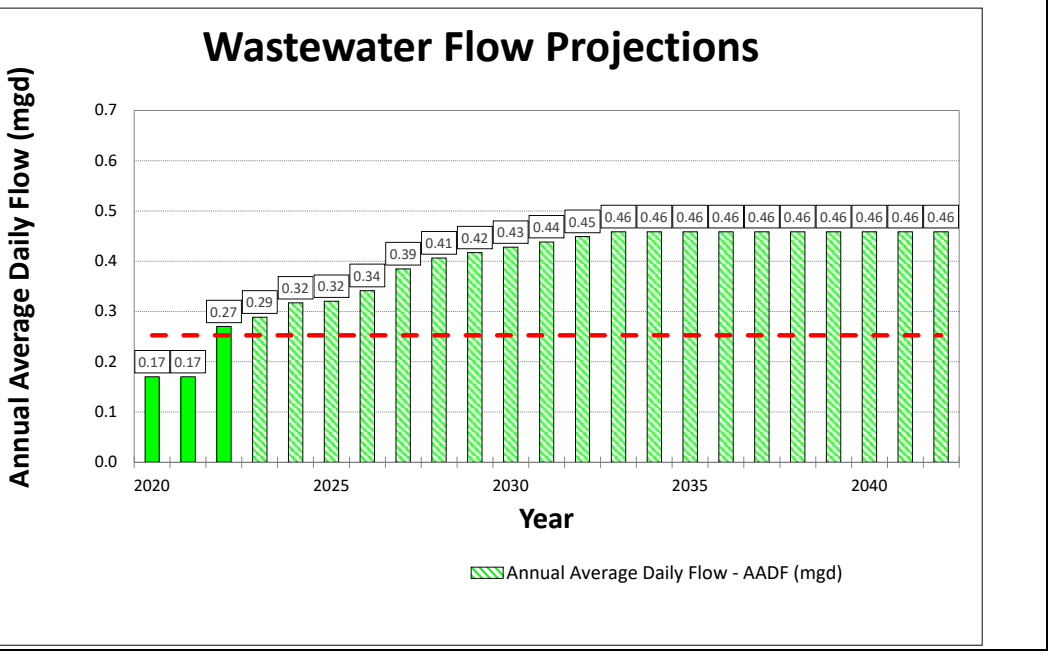
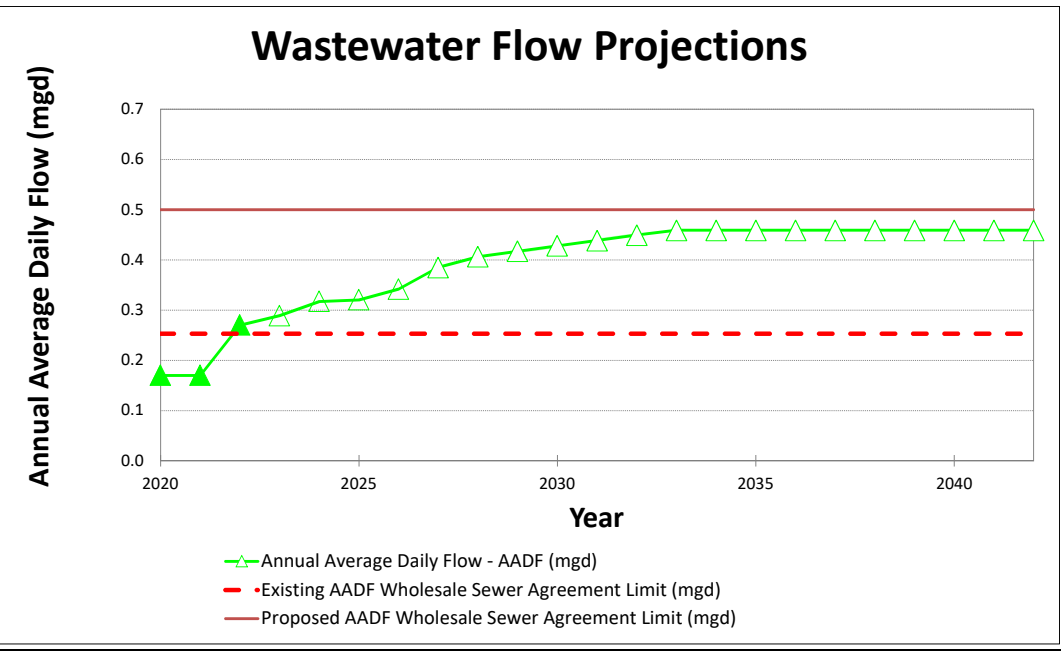
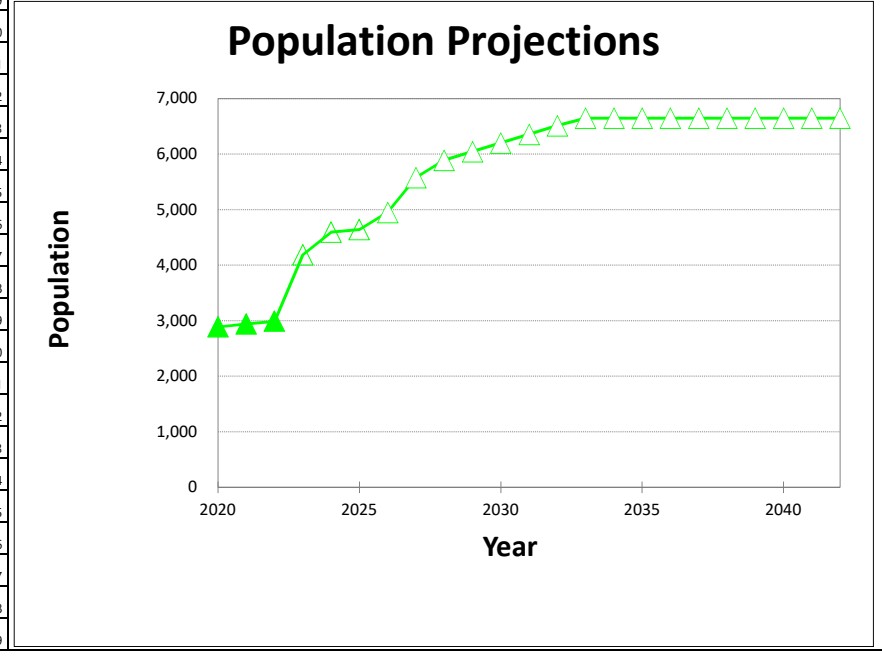
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	
1	Project ID	Name	Type	Status	Acres	# Lots/ ERU	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Comments	
2	1	Lake Weston Apartments	Multi Family	In Construction	49.5	308	308											107,552 AADF	
3	2	Enclave Apartments	Multi Family	In Construction	14.99	72		72										72 ERU	
4	3	Host Dime	Commercial	In Construction	5	33		33										11,235 AADF	
5	4	Commercial Property	Commercial	Concept Plan		12			12									Assumed 12 based on nearby property plans	
6	5	Hungerford Property	Mixed Use	Concept Plan	67.3	321				80	161	80						Assumed 321 connections from 2018 Master Plan	
7	6	Bing Property	C-1, C-3, R-2	Vacant	6.36	51							40	11				R-2 = 8 DU/acre	
8	7	Interstate Property	C-3, I-1	Vacant	3.7	16								16				*acres*1500 gpd/acre/350 gpd per ERU	
9	8	Orra Ventures LLC	I-1	Vacant	1.63	7								7				*acres*1500 gpd/acre/350 gpd per ERU	
10	9	339 Clark St	R-2	Vacant	1.6	13								6	7			R-2 = 8 DU/acre	
11	10	690 W Kennedy Blvd	C-3	Vacant	0.95	4									4			*acres*1500 gpd/acre/350 gpd per ERU	
12	11	W Kennedy	R-1	Vacant	1	5									5			R-1 = 5 du/acre	
13	12	BOCPS	C-3	Vacant - County Parks & Rec	17.61	75										24	40	11	*acres*1500 gpd/acre/350 gpd per ERU
14	13	DOT	C-2/M-U	Vacant - State Forest Parks & Rec	5.71	24												24	*acres*1500 gpd/acre/350 gpd per ERU
15																			
16																			
17	<b>TOTAL per Year</b>	-			175	942	308	105	12	80	161	80	40	40	40	40	35		
18	<b>w/o Hungerford</b>				108	621	308	105	12	0	0	0	40	40	40	40	35		
19	<b>Cumulative Total</b>						308	413	425	505	666	746	786	826	866	906	941		
20	<b>w/o Hungerford</b>						308	413	425	425	425	425	465	505	545	585	620		
21	<b>Difference</b>					321	0	0	0	80	241	321	321	321	321	321	321		

Eatonville Equivalent Residential Units (ERUs) per Year (2023-2040)



PARAMETER	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	COMMENTS
	<b>Potable Water Use</b>																												
Total # of Active Service Water Connections	686	693	700	714	728	742	756	768	1,076	1,181	1,193	1,273	1,434	1,514	1,554	1,594	1,634	1,674	1,709	1,709	1,709	1,709	1,709	1,709	1,709	1,709	1,709	1,709	
Service Connections per Year	---	---	7	14	14	14	14	12	308	105	12	80	161	80	40	40	40	40	35	0	0	0	0	0	0	0	0	0	
Future Cumulative Dwelling Units									308	413	425	505	666	746	786	826	866	906	941	941	941	941	941	941	941	941	941	941	Plans for New Developments
Persons per Household (pphh) - Connection	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	2020 US Census = 3.89 persons per household
Per Capita Usage (gpcd)	123	116	120	114	111	93	90	88	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	Town of Eatonville LOS 350 gpd per ERU
Population Served (3.89 pphh)	2,669	2,696	2,723	2,777	2,832	2,886	2,941	2,988	4,186	4,594	4,641	4,952	5,578	5,889	6,045	6,201	6,356	6,512	6,648	6,648	6,648	6,648	6,648	6,648	6,648	6,648	6,648	6,648	
Annual Average Daily Demand - ADD (mgd)	0.33	0.31	0.33	0.32	0.32	0.27	0.26	0.26	0.41	0.46	0.46	0.49	0.55	0.58	0.60	0.61	0.63	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
Max Day Demand - MDD (mgd)	0.68	1.30	1.26	1.19	0.71	0.81	0.60	0.72	1.16	1.28	1.29	1.38	1.55	1.64	1.68	1.72	1.77	1.81	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	
MDD/ADD Peaking Factor	2.07	4.16	3.85	3.76	2.24	3.01	2.27	2.74	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	Average 2018 to 2022
PHD/ADD Peaking Factor	4.14	8.32	7.71	7.52	4.48	6.03	4.54	5.49	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	* MDD/ADD peaking factor
PHD (gpm)	940	1,806	1,750	1,649	980	1,122	833	999	1,616	1,774	1,792	1,912	2,154	2,274	2,334	2,394	2,454	2,514	2,567	2,567	2,567	2,567	2,567	2,567	2,567	2,567	2,567	2,567	
2020 CFWI Population Projections	2,324					2,501					2,658					2,701						2,702					2,702		
2020 CFWI Demand Projections	0.33					0.33					0.35					0.35						0.35					0.35		
CFWI 2025 Limit	0.35					0.35					0.35					0.35						0.35					0.35		
2025 UFA Adjusted AADD	0.33	0.31	0.33	0.32	0.32	0.27	0.26	0.26	0.41	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	
AWS Need Beyond 2025	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09	0.12	0.14	0.15	0.17	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
Proposed Adjusted CUP Limit to 2025 Demands	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	Based on CFWI UFA Withdrawal Limits
<b>Permitted Groundwater Withdrawal Allocation</b>																													
Annual Average Permitted WUP Limit (mgd)	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	
ADD (mgd)	0.33	0.31	0.33	0.32	0.32	0.27	0.26	0.26	0.41	0.46	0.46	0.49	0.55	0.58	0.60	0.61	0.63	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	
ADD WUP Surplus/Deficit (mgd)	0.07	-0.09	0.07	0.08	0.08	0.13	0.14	0.14	(0.01)	(0.06)	(0.06)	(0.09)	(0.15)	(0.18)	(0.20)	(0.21)	(0.23)	(0.25)	(0.26)	(0.26)	(0.26)	(0.26)	(0.26)	(0.26)	(0.26)	(0.26)	(0.26)	(0.26)	
Percent WUP Allocation (%)	82%	78%	82%	79%	79%	67%	66%	66%	104%	114%	115%	123%	138%	146%	150%	154%	158%	161%	165%	165%	165%	165%	165%	165%	165%	165%	165%	165%	Begin Planning @ 90%
<b>Rated Maximum-Day Design Capacity</b>																													
Max Day Design Capacity (mgd)	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	FDEP PWS No. 6530431
MDD (mgd)	0.68	1.30	1.26	1.19	0.71	0.81	0.60	0.72	1.16	1.28	1.29	1.38	1.55	1.64	1.68	1.72	1.77	1.81	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85	
Design Surplus/Deficit (mgd)	0.76	0.14	0.18	0.25	0.73	0.63	0.84	0.72	(0.11)	(0.20)	(0.11)	(0.20)	(0.24)	(0.28)	(0.33)	(0.37)	(0.41)	(0.41)	(0.41)	(0.41)	(0.41)	(0.41)	(0.41)	(0.41)	(0.41)	(0.41)	(0.41)	(0.41)	
Percent Design Capacity (%)	47%	90%	88%	83%	49%	56%	42%	50%	81%	89%	90%	96%	108%	114%	117%	120%	123%	126%	128%	128%	128%	128%	128%	128%	128%	128%	128%	128%	Begin Planning @ 75% Capacity
<b>Well Production Capacity (TOTAL)</b>																													
Total Well Capacity (gpm)	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	1,344	FGUA Meter Calibration 6/6/2023
MDD + FF (gpm)	1,470	1,903	1,875	1,824	1,490	1,561	1,416	1,500	1,808	1,887	1,896	1,956	2,077	2,137	2,167	2,197	2,227	2,257	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	2,283	FDEP 62-555.315(3) => Total = MDD + FF
Total Well Surplus/Deficit (gpm)	(126)	(559)	(531)	(480)	(146)	(217)	(72)	(156)	(464)	(543)	(552)	(612)	(733)	(793)	(823)	(853)	(883)	(913)	(939)	(939)	(939)	(939)	(939)	(939)	(939)	(939)	(939)	(939)	
Percent Total Well Capacity (%)	109%	142%	140%	136%	111%	116%	105%	112%	135%	140%	141%	146%	155%	159%	161%	163%	166%	168%	170%	170%	170%	170%	170%	170%	170%	170%	170%	170%	Begin Planning @ 75% Capacity
<b>Well Production Capacity (FIRM - Largest Well Off-Line)</b>																													
Firm Well Capacity (gpm)	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	Largest Well Off-Line - FGUA Meter Calibration 6/6/2023
MDD (gpm)	470	903	875	824	490	561	416	500	808	887	896	956	1,077	1,137	1,167	1,197	1,227	1,257	1,283	1,283	1,283	1,283	1,283	1,283	1,283	1,283	1,283	1,283	FDEP 62-555.315(3) => Firm + ADD (preferably MDD)
Firm Well Surplus/Deficit (mgd)	197	(236)	(208)	(157)	177	106	251	167	(141)	(220)	(229)	(289)	(410)	(470)	(500)	(530)	(560)	(590)	(616)	(616)	(616)	(616)	(616)	(616)	(616)	(616)	(616)	(616)	
Percent Firm Well Capacity (%)	70%	135%	131%	124%	73%	84%	62%	75%	121%	133%	134%	143%	161%	170%	175%	179%	184%	188%	192%	192%	192%	192%	192%	192%	192%	192%	192%	192%	Begin Planning @ 75% Capacity
<b>Storage</b>																													
On-Site GST (MG)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	2021 Sanitary Survey
On-Site EST (MG)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Off-Line (200,000 gal)
Off-Site EST (MG)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
Total Storage Available (MG)	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	
Equivalent MDD Available Storage (mgd)	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	FDEP 62-555.320(a) => MG = 25%MDD (mgd)
Required 25% MDD Storage (MG)	0.17	0.33	0.32	0.30	0.18	0.20	0.15	0.18	0.29	0.32	0.32	0.34	0.39	0.41	0.42	0.43	0.44	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	
Required Fire Flow Storage (MG)	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	FF = 1,000 gpm for 2 hours
Required 4-Log CT Storage (MG)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.5 mg/L @ CT = 4 mg/L-min
Total Storage Required (MG)	0.30	0.46	0.45	0.43	0.31	0.34	0.28	0.31	0.43	0.45	0.46	0.48	0.52	0.54	0.55	0.57	0.58	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	
Storage Capacity Surplus/Deficit (MG)	0.10	(0.06)	(0.05)	(0.03)	0.09	0.06	0.12	0.09	(0.03)	(0.05)	(0.06)	(0.08)	(0.12)	(0.14)	(0.15)	(0.17)	(0.18)	(0.19)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)	(0.20)	
Percent Storage Capacity (%)	76%	115%	112%	108%	78%	84%	71%	79%	106%	113%	114%	120%	131%	136%	139%	141%	144%	147%	149%	149%	1								

PARAMETER	Year																								COMMENTS
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042		
<b>Wastewater Use</b>																									
Total # of Active Service Water Connections	742	756	768	1,076	1,181	1,193	1,273	1,434	1,514	1,554	1,594	1,634	1,674	1,709	1,709	1,709	1,709	1,709	1,709	1,709	1,709	1,709	1,709	1,709	
Service Connections per Year	0	14	12	308	105	12	80	161	80	40	40	40	40	35	0	0	0	0	0	0	0	0	0	0	
Future Cumulative Dwelling Units			12	320	425	437	517	678	758	798	838	878	918	953	953	953	953	953	953	953	953	953	953	953	Plans for New Developments
Persons per Household (pphh) - Connection	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	2020 US Census = 3.89 persons per household
Per Capita Usage (gpcd)	59	58	90	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	
Flow per Connection	229	225	352	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	Town of Eatonville LOS 300 gpd per ERU
Population Served (3.89 pphh)	2,886	2,941	2,988	4,186	4,594	4,641	4,952	5,578	5,889	6,045	6,201	6,356	6,512	6,648	6,648	6,648	6,648	6,648	6,648	6,648	6,648	6,648	6,648	6,648	
Annual Average Daily Flow - AADF (mgd)	0.17	0.17	0.27	0.29	0.32	0.32	0.34	0.39	0.41	0.42	0.43	0.44	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	Based on meter at Master Lift Station (2022 skewed due to Hurricane Ian)
Max Day Flow - MDF (mgd)	0.34	0.34	0.54	0.58	0.63	0.64	0.68	0.77	0.81	0.83	0.86	0.88	0.90	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	MDF/ADF Peaking Factor = 2
Peak Hour Flow - PHF (gpm)	0.68	0.68	1.08	1.16	1.27	1.28	1.37	1.54	1.63	1.67	1.71	1.76	1.80	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	PHF/ADF Peaking Factor = 4
<b>Existing Service Agreement to Altamonte</b>																									
Existing AADF Wholesale Sewer Agreement Limit (mgd)	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	Existing Wholesale Agreement = 252,893 mgd AADF
AAADF (mgd)	0.17	0.17	0.27	0.29	0.32	0.32	0.34	0.39	0.41	0.42	0.43	0.44	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	
AAADF Agreement Surplus/Deficit (mgd)	0.08	0.08	(0.02)	(0.04)	(0.06)	(0.07)	(0.09)	(0.13)	(0.15)	(0.16)	(0.18)	(0.19)	(0.20)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	(0.21)	
Percent Agreement Allocation (%)	67%	67%	107%	114%	125%	127%	135%	152%	161%	165%	169%	173%	178%	181%	181%	181%	181%	181%	181%	181%	181%	181%	181%	181%	
<b>Proposed Service Agreement to Altamonte</b>																									
Proposed AADF Wholesale Sewer Agreement Limit (mgd)	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	Proposed Wholesale Agreement = 500,000 mgd AADF
AAADF (mgd)	0.17	0.17	0.27	0.29	0.32	0.32	0.34	0.39	0.41	0.42	0.43	0.44	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	
AAADF Agreement Surplus/Deficit (mgd)	0.33	0.33	0.23	0.21	0.18	0.18	0.16	0.11	0.09	0.08	0.07	0.06	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
Percent Agreement Allocation (%)	34%	34%	54%	58%	63%	64%	68%	77%	81%	83%	86%	88%	90%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%	
<b>Rated Capacity of Master Lift Station</b>																									
Design Capacity (gpm)	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	740	Per Park Master Lift Station Plans
MDF (gpm)	236	236	375	401	440	445	475	535	565	580	594	609	624	637	637	637	637	637	637	637	637	637	637	637	
Design Surplus/Deficit (mgd)	504	504	365	339	300	295	265	205	175	160	146	131	116	103	103	103	103	103	103	103	103	103	103	103	
Percent Design Capacity (%)	32%	32%	51%	54%	60%	60%	64%	72%	76%	78%	80%	82%	84%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%	Begin Planning at 75% Capacity



# APPENDIX D: Town of Eatonville 5-year Capital Improvements Program (CIP) Plan

Section IV. Item #2.

**TOWN OF EATONVILLE  
FISCAL YEAR (FY) 2022 - 2023  
APPROVED GENERAL FUND BUDGET**

	A	B	K	N
1				
2	<b>TOWN OF EATONVILLE</b>			
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>			
4	<b>APPROVED GENERAL FUND BUDGET</b>			
5				
6				
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>
11				
12				
13				
14				
15				
16				
17	<b>ESTIMATED REVENUES</b>			
18				
19	<b>GENERAL FUND</b>	<b>FUND -001</b>		
20	<b>REVENUES</b>			
21				
22	<b>AD VALOREM TAXES</b>			
23	Ad Valorem Taxes-Current	001-311.1000	\$1,727,356	\$1,765,817
24				
25	<b>TOTAL AD VALOREM TAXES</b>		<b>\$1,727,356</b>	<b>\$1,765,817</b>
26				
27	<b>SALES AND USES TAXES</b>			
28	Local Option Gas Tax	001-312.4100	\$66,780	\$68,595
29				
30	<b>TOTAL SALES AND USES TAXES</b>		<b>\$66,780</b>	<b>\$68,595</b>
31				
32	<b>FRANCHISE FEES:</b>			
33	Electric	001-323.4000	\$392,688	\$392,688
34	Solid Waste	001-323.7000	\$2,500	\$2,500
35				
36	<b>TOTAL FRANCHISE FEES</b>		<b>\$395,188</b>	<b>\$395,188</b>
37				
38	<b>UTILITY SERVICE TAXES</b>			
39	Electric	001-314.1000	\$410,000	\$410,000
40	Other Telecommunications	001-314.2000	\$86,611	\$86,611
41	Water Utility Tax	001-314.3000	\$60,000	\$60,000
42	Gas	001-314.4000	\$4,000	\$4,000
43				
44	<b>TOTAL UTILITY SERVICE TAXES</b>		<b>\$560,611</b>	<b>\$560,611</b>
45				
46	<b>LICENSES AND PERMITS (CITY)</b>			
47	Business Tax Licenses	001-316.0000	\$16,000	\$16,000
48	Building Permits	001-322.0000	\$40,000	\$180,000
49	Other Permits and Fees	001-329.0000	\$9,000	\$9,000
50	Fire Safety Inspection	001-342.5000	\$7,500	\$7,500
51	Linkage Fees			\$100,000
52				
53	<b>TOTAL LICENSES AND PERMITS</b>		<b>\$72,500</b>	<b>\$312,500</b>
54				
55	<b>STATE SHARED REVENUES</b>			
56	State Revenue Sharing	001-335.1200	\$103,717	\$99,360
57	Alcoholic Beverage Licenses	001-335.1500	\$500	\$500
58	Half Cent Sales Tax	001-335.1800	\$269,640	\$237,244
59	<b>TOTAL STATE SHARED REVENUES</b>		<b>\$373,857</b>	<b>\$337,104</b>

	A	B	K	N	
1					Section IV. Item #2.
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
60					
61	COUNTY SHARED REVENUES				
62	Occupational Licenses	001-316.2000	\$500	\$500	\$500
63					
64	<b>TOTAL COUNTY SHARED REVENUES</b>		<b>\$500</b>	<b>\$500</b>	<b>\$500</b>
65					
66	CHARGES FOR SERVICES				
67	Eatonville Post Office	001-345.9001	\$17,440	\$17,440	\$17,440
68	Recreation Program Fees	001-347.2100			
69	Other Gov't Charges & W/S Administrative Fees	001-341.9000	\$55,000	\$15,000	\$20,000
70	<b>TOTAL CHARGES FOR SERVICES</b>		<b>\$72,440</b>	<b>\$32,440</b>	<b>\$37,440</b>
71					
72	FINES AND FORFEITURES				
73	Court Fines	001-351.1000	\$8,000	\$8,000	\$8,000
76	Code Violation Penalties	001-354.1000	\$5,000	\$5,000	\$5,000
77	Parking Tickets	001-351.1100	\$200	\$200	\$200
78	Seized Tags	001-342.9000	\$200	\$300	\$300
79	Towing	001-342.9001	\$2,000	\$2,000	\$2,000
80	<b>TOTAL FINES AND FORFEITURES</b>		<b>\$15,400</b>	<b>\$15,500</b>	<b>\$15,500</b>
81					
82	MISCELLANEOUS REVENUES				
83	Summer Food Program	001-331.6200	\$50,000	\$50,000	\$45,000
84	Federal Grants	001-331.9000	\$10,000	\$10,000	\$30,000
85	Interest Earnings on Investment	001-361.0000	\$200	\$200	\$200
87	Rental Income/DJC	001-362.0000	\$2,000	\$2,000	\$10,000
88	Rental Income/Tower	001-362.1000	\$27,469	\$27,469	\$27,469
91	Other Miscellaneous Revenue	001-369.0000	\$3,000	\$3,000	\$3,000
93	Election Qualifying Fees	001-369.1000		\$3,000	
94	Police - Off Duty Detail	001-369.0003	\$10,000	\$8,000	\$8,000
95	Police Liaison-Orange County School	001-337.2001	\$61,250	\$61,250	\$70,000
96	Library Rental	001-366.0000	\$60,654	\$60,654	\$60,654
97	Martin Luther King Jr. -Event	001-361.1000			\$26,648
98	Robert Woods Johnson Foundation	001-361.2000			\$25,000
99	<b>TOTAL MISCELLANEOUS REVENUE</b>		<b>\$224,573</b>	<b>\$225,573</b>	<b>\$305,971</b>
100					
101	OTHER FINANCING SOURCES & USES				
102	Forward Balance/Transfer		\$342,406	\$342,406	\$446,929
103					
104	<b>TOTAL OTHER FINANCING SOURCES</b>		<b>\$342,406</b>	<b>\$342,406</b>	<b>\$446,929</b>
105					
106	<b>TOTAL OPERATING REVENUE</b>		<b>\$342,406</b>	<b>\$342,406</b>	<b>\$446,929</b>
107					
108					
109					
110	<b>TOTAL REVENUES</b>		<b>\$3,851,611</b>	<b>\$4,056,234</b>	<b>\$4,732,497</b>



A		B	K	N	Section IV. Item #2.
1	<b>TOWN OF EATONVILLE</b>				
2	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
3	<b>APPROVED GENERAL FUND BUDGET</b>				
4					
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
111					
112					
113					
114	<b>LEGISLATIVE - 511</b>				
115	<b>EXPENDITURES</b>				
116					
117	<b>PERSONAL SERVICES</b>				
118	Salaries & Wages Regular	001-0511-511.1100	\$39,564	\$103,064	\$94,564
119					
120					
121	<b>TOTAL SALARIES AND WAGES</b>		<b>\$39,564</b>	<b>\$103,064</b>	<b>\$94,564</b>
122					
123	FICA Taxes 7.65%	001-0511-511.2100	\$3,027	\$7,884	\$7,234
124	Retirement 5%	001-0511-511.2200		\$3,175	\$2,750
125	Health Insurance	001-0511-511.2300		\$7,232	\$9,333
126	Workers' Compensation	001-0511-511.2400	\$1,909	\$1,909	\$2,500
127					
128	<b>TOTAL FRINGE BENEFITS</b>		<b>\$4,936</b>	<b>\$20,200</b>	<b>\$21,817</b>
129					
130	<b>TOTAL PERSONAL SERVICES</b>		<b>\$44,500</b>	<b>\$123,264</b>	<b>\$116,381</b>
131					
132	<b>EXPENDITURES</b>				
133	Professional Services	001-0511-511.3100	\$5,000	\$5,000	\$5,000
134	Professional Services - Clerk	001-0511-511.3101			\$4,000
135	Contractual Svcs-	001-0511-511.3400			\$10,000
136	CRA-Town TIF Payment	001-0511-511.3410	\$190,000	\$224,190	\$224,190
137	Travel & Per Diem - Mayor	001-0511-511.4000	\$4,000	\$4,000	\$4,000
138	Travel & Per Diem - TC	001-0511-511.4001	\$6,000	\$6,000	\$12,000
139	Travel & Per Diem - Clerk	001-0511-511.4002			\$1,550
140	Communication Services	001-0511-511.4100	\$3,600	\$3,600	\$4,000
141	Communication Services - Clerk	001-0511-511.4101			\$500
142	Mail & Freight	001-0511-511.4200	\$700	\$700	\$700
143	Mail & Freight - Clerk	001-0511-511.4201			\$500
144	Rentals and Leases	001-0511-511.4700	\$300	\$300	\$500
145	Printing and Binding	001-0511-511.4700	\$2,000	\$2,000	\$2,000
146	Printing and Binding - Clerk	001-0511-511.4701			\$1,000
147	Promotional Activities	001-0511-511.4800	\$6,000	\$6,000	\$1,000
148	Community Event ( Veterans)	001-0511-511.4802	\$500	\$500	\$100
149	Legislative/Council Scholarship	001-0511-511.4801	\$5,000	\$5,000	\$5,000
150	Legal Advertisement - Clerk	001-0511-511.4900			\$10,000
151	Special Project - Council	001-0511-511.4902			
152	Office Supplies	001-0511-511.5100	\$1,000	\$1,000	\$1,000
153	Office Supplies - Clerk	001-0511-511.5101			\$1,500
154	Operating Supplies	001-0511-511.5210	\$1,000	\$1,000	\$1,000
157	Operating Supplies - Clerk	001-0511-511.5211			\$1,500
158	Books, Publications, Subscriptions -Mayor	001-0511-511.5400	\$1,500	\$1,500	\$1,500
159	Books, Publications, Subscriptions - TC	001-0511-511.5401	\$3,000	\$3,000	\$4,000
160	Books, Publications, Subscriptions - Clerk	001-0511-511.5403			\$1,900
161	Registration - Mayor	001-0511-511.5402	\$1,000	\$1,000	\$2,000
162	Registration - TC	001-0511-511.5403	\$5,000	\$5,000	\$8,000
163	Registration - Clerk	001-0511-511.5404			\$561
164	Contingency (Current Fiscal Year)	001-0511-511.5800	\$240,910	\$227,349	\$476,601
165	Miscellaneous Expenses	001-0511-511.5900			
166					
167	<b>TOTAL OPERATING EXPENSES</b>		<b>\$476,510</b>	<b>\$497,139</b>	<b>\$785,602</b>
168					
169	<b>CAPITAL OUTLAYS</b>				
170					
171	<b>TOTAL CAPITAL OUTLAYS</b>				

	A	B	K	N	
1					Section IV. Item #2.
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
172					
173	<b>TOTAL LEGISLATIVE EXPENDITURES</b>		<b>\$521,010</b>	<b>\$620,403</b>	<b>\$901,983</b>

Section IV. Item #2.

**TOWN OF EATONVILLE  
FISCAL YEAR (FY) 2022 - 2023  
APPROVED GENERAL FUND BUDGET**

	A	B	K	N
1				
2				
3				
4				
5				
6				
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>
174				
175				
219				
220	<b>EXECUTIVE/ADMIN.-512</b>			
221	<b>EXPENDITURES</b>			
222				
223	<b>PERSONAL SERVICES</b>			
224	Salaries	001-0512-512.1200	\$115,368	\$45,006
225	Wages - Part Time	001-0512-512.1300		
226	Overtime	001-0512-512.1400		
227	<b>TOTAL SALARIES AND WAGES</b>		<b>\$115,368</b>	<b>\$45,006</b>
228				
229	<b>FRINGE BENEFITS</b>			
230	FICA Taxes - 7.65%	001-0512-512.2100	\$8,858	\$3,443
231	Retirement 5%	001-0512-512.2200	\$4,923	\$5,147
232	Health & Life Insurance	001-0512-512.2300	\$21,696	\$14,464
233	Workers' Compensation	001-0512-512.2400	\$1,200	\$1,200
234	Unemployment Compensation	001-0512-512.2500	\$2,000	\$2,000
235				
236	<b>TOTAL FRINGE BENEFITS</b>		<b>\$38,677</b>	<b>\$26,254</b>
237				
238	<b>TOTAL PERSONAL SERVICES</b>		<b>\$154,045</b>	<b>\$71,260</b>
239				
240	<b>OPERATING EXPENSES</b>			
241	Professional Services	001-0512-512.3100	\$3,000	\$4,000
242	Contractual Services	001-0512-512.3400	\$3,000	\$3,000
243	Travel & Per Diem	001-0512-512.4000	\$1,500	\$1,500
244	Communication Services	001-0512-512.4100	\$3,000	\$3,000
245	Mail & Freight	001-0512-512.4200	\$1,200	\$1,000
246	Utility Services	001-0512-512.4300	\$16,000	\$14,000
247	Rentals & Leases	001-0512-512.4400	\$5,000	\$4,000
248	Insurance	001-0512-512.4500	\$150,000	\$150,000
251	Printing & Binding	001-0512-512.4700	\$1,200	\$1,000
252	Promotional Activities	001-0512-512.4800	\$1,000	\$1,000
253	Legal Ads.	001-0512-512.4900	\$13,000	\$15,000
254	Other Charges-ex. Election	001-0512-512.4915		\$8,000
255	Office Supplies	001-0512-512.5100	\$2,000	\$3,000
256	Operating Supplies	001-0512-512.5210	\$2,000	\$5,000
257	Gas & Oil	001-0512-512.5290	\$1,200	\$1,200
258	Books, Publications, Subscriptions	001-0512-512.5400	\$1,000	\$1,500
259				
260	<b>TOTAL OPERATING EXPENSES</b>		<b>\$204,100</b>	<b>\$216,200</b>
261				
262	<b>CAPITAL OUTLAYS</b>			
263				
267	<b>TOTAL CAPITAL OUTLAYS</b>			
268				
269	<b>TOTAL ADMINISTRATION EXPENDITURES</b>		<b>\$358,145</b>	<b>\$287,460</b>

	A	B	K	N	
1					Section IV. Item #2.
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
270					
271					
272	<b>FINANCE-513</b>				
273	<b>EXPENDITURES</b>				
274	<b>PERSONAL SERVICES</b>				
275	Salaries & Wages - Regular	001-0513-513.1200	<b>\$163,804</b>	<b>\$198,165</b>	<b>\$212,470</b>
276					
277					
278	<b>TOTAL SALARIES AND WAGES</b>		<b>\$163,804</b>	<b>\$198,165</b>	<b>\$212,470</b>
279					
280	<b>FRINGE BENEFITS</b>				
281	FICA Taxes- 7.65%	001-0513-513.2100	\$12,531	\$15,160	\$16,254
282	Retirement -5%	001-0513-513.2200	\$6,590	\$6,920	\$9,724
283	Health and Life Insurance	001-0513-513.2300	\$30,629	\$30,629	\$37,331
284	Workers' Compensation	001-0513-513.2400	\$865	\$865	\$1,200
285	Unemployment Compensation	001-0513-513.2500	\$2,000	\$2,000	\$2,000
286	<b>TOTAL FRINGE BENEFITS</b>		<b>\$52,615</b>	<b>\$55,574</b>	<b>\$66,508</b>
287					
288	<b>TOTAL PERSONAL SERVICES</b>		<b>\$216,419</b>	<b>\$253,739</b>	<b>\$278,978</b>
289					
290	<b>OPERATING EXPENSES</b>				
291	Professional Services	001-0513-513.3100	\$500	\$500	\$3,500
292	Accounting and Auditing	001-0513-513.3200	\$35,000	\$51,000	\$65,000
293	Contractual Service	001-0513-513.3400	\$30,000	\$30,000	\$45,000
294	Contractual Services-Payroll Services	001-0513-513.3411	\$9,560	\$10,000	\$10,000
295	Travel & Per Diem	001-0513-513.4000	\$1,000	\$1,000	\$3,000
296	Communication Services	001-0513-513.4100	\$2,600	\$2,600	\$2,600
297	Mail & Freight	001-0513-513.4200	\$1,500	\$1,500	\$1,500
298	Rentals & Leases	001-0513-513.4400	\$1,500	\$2,000	\$2,000
300	Printing & Binding	001-0513-513.4700	\$500	\$500	\$700
302	Bad Debt Expense	001-0513-513.4700			
303	Office Supplies	001-0513-513.5100	\$1,500	\$2,500	\$2,500
304	Operating Supplies	001-0513-513.5210	\$2,500	\$2,500	\$2,500
305	Books, Publications, Subscriptions, Regist.	001-0513-513.5400	\$1,000	\$1,000	\$2,500
306	Equipment	001-0513-513.6450			
307					
308	<b>TOTAL OPERATING EXPENSES</b>		<b>\$87,160</b>	<b>\$105,100</b>	<b>\$140,800</b>
309					
310	<b>CAPITAL OUTLAYS</b>				
311	New Technical (Wi-Fi, Computers/Conf. Systems)				\$10,000
312					
313	<b>TOTAL CAPITAL OUTLAYS</b>				<b>\$10,000</b>
314					
315	<b>TOTAL FINANCE EXPENDITURES</b>		<b>\$303,579</b>	<b>\$358,839</b>	<b>\$429,778</b>

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1					Section IV. Item #2.
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
316					
317	<b>LEGAL COUNSEL-514</b>				
318	<b>EXPENDITURES</b>				
319					
320	<b>OPERATING EXPENSES</b>				
321	Professional Services	001-0514-514.3100	\$40,000	\$50,000	\$100,000
322	Other Legal Services	001-0514-514.3400	\$14,000	\$14,000	\$20,000
323	Town Council - Other Legal service	001-0514-514.4000	\$8,000	\$6,000	
324	Books, Publications, Subscriptions				
325					
326	<b>TOTAL LEGAL EXPENDITURES</b>		<b>\$62,000</b>	<b>\$70,000</b>	<b>\$120,000</b>

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1					Section IV. Item #2.
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
327					
328	<b>PLANNING AND COMMUNITY DEVELOPMENT - 515</b>				
329	<b>EXPENDITURES</b>				
330	<b>PERSONAL SERVICES</b>				
331	Salaries & Wages-Regular	001-0515-515.1200	\$18,946	\$5,868	\$127,663
332					
333	<b>TOTAL SALARIES &amp; WAGES</b>		<b>\$18,946</b>	<b>\$5,868</b>	<b>\$127,663</b>
334					
335	<b>FRINGE BENEFITS</b>				
336	FICA Taxes - 7.65%	001-0515-515.2100	\$1,449	\$449	\$9,766
337	Retirement 5%	001-0515-515.2200	\$947	\$352	
338	Health & Life Insurance	001-0515-515.2300	\$15,315	\$3,252	\$18,665
339	Workers' Compensation	001-0515-515.2400	\$2,000	\$2,000	\$2,000
340	Unemployment Compensation	001-0515-515.2500			
341					
342	<b>TOTAL FRINGE BENEFITS</b>		<b>\$19,711</b>	<b>\$6,053</b>	<b>\$30,431</b>
343					
344	<b>TOTAL PERSONAL SERVICES</b>		<b>\$38,657</b>	<b>\$11,921</b>	<b>\$158,094</b>
345					
346	<b>OPERATING EXPENSES</b>				
347	Professional Services	001-0515-515.3100	\$8,000	\$8,000	\$40,000
348	Contractual Services	001-0515-515.3400	\$30,000	\$90,000	\$75,000
349	Florida Main Street - Contract	001-0515-515.3401	\$25,000	\$25,000	
350	Contractual Svcs - Code Compliance	001-0515-515.3402	\$40,800	\$40,800	
351	Contractual Svcs - Planner	001-0515-515.3403		\$55,692	
352	Travel & Per Diem	001-0515-515.4000	\$2,000	\$2,000	\$3,000
353	Communication Services	001-0515-515.4100	\$2,300	\$2,300	\$2,500
354	Mail & Freight	001-0515-515.4200	\$1,000	\$1,000	\$3,500
355	Rentals & Leases	001-0515-515.4400	\$4,000	\$4,000	\$4,000
356	Repair & Maintenance Auto	001-0515-515.4610	\$2,000	\$2,000	\$2,000
357	Printing & Binding	001-0515-515.4700	\$1,000	\$1,000	\$1,000
358	Legal Advertising	001-0515-515.4900	\$8,000	\$8,000	\$20,000
359	Office Supplies	001-0515-515.5100	\$500	\$500	\$2,500
360	Operating Supplies	001-0515-515.5210	\$880	\$880	\$2,000
361	Uniforms	001-0515-515.5220	\$500	\$500	\$2,000
362	Gas & Oil	001-0515-515.5290	\$1,500	\$1,500	\$5,000
363	Books, Publications, Subscriptions	001-0515-515.5400	\$1,150	\$1,150	\$2,300
364					
365	<b>TOTAL OPERATING EXPENSES</b>		<b>\$128,630</b>	<b>\$244,322</b>	<b>\$164,800</b>
366					
367					
368	<b>TOTAL COMM. DEVELOP. EXPEND.</b>		<b>\$167,287</b>	<b>\$256,243</b>	<b>\$322,894</b>

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1					Section IV. Item #2.
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
369					
370	<b>DEBT SERVICES EXPENDITURE - 517</b>				
371					
372	DEBT SERVICE-2000 Bond Issue				
373	Principal	001-0517-517.7100	\$55,000	\$50,000	\$55,000
374	Interest	001-0517-517.7200	\$25,000	\$30,750	\$32,000
375	Other Charges	001-0517-517.4915	\$3,000	\$5,000	\$5,000
376	<b>TOTAL DEBT SERVICE EXPENDITURE</b>		<b>\$83,000</b>	<b>\$85,750</b>	<b>\$92,000</b>

A		B	K	N	Section IV. Item #2.
1					
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
377					
378					
379					
380	<b>POLICE DEPARTMENT-521</b>				
381	<b>EXPENDITURES</b>				
382					
383	<b>PERSONAL SERVICES</b>				
384	Salaries & Wages - Regular	001-0521-521.1200	\$664,258	\$636,209	\$704,707
385	Wages Part-time	001-0521-521.1300	\$29,503	\$30,028	\$51,200
386	Wages Overtime	001-0521-521.1400	\$35,000	\$35,000	\$35,000
387	001-0521-521.1401	001-0521-521.1401			
388	Incentive Pay	001-0521-521.1500	\$7,800	\$7,800	\$7,800
389	Merit Incentive Pay	001-0521-521.1501			\$10,000
390					
391	<b>TOTAL SALARIES &amp; WAGES</b>		<b>\$736,561</b>	<b>\$709,037</b>	<b>\$808,707</b>
392					
393	<b>FRINGE BENEFITS</b>				
394	FICA Taxes - 7.65%	001-0521-521.2100	\$56,347	\$61,905	\$61,866
395	Retirement - Office Staff	001-0521-521.2200	\$2,880	\$4,002	\$4,365
396	Police Officers Retirement	001-0521-521.2201	\$20,000	\$20,000	\$20,000
397	Health & Life Insurance	001-0521-521.2300	\$115,616	\$115,616	\$139,990
398	Workers' Compensation	001-0521-521.2400	\$26,000	\$26,000	\$30,000
399	Unemployment Compensation	001-0521-521.2500	\$2,000	\$2,000	\$2,000
400	<b>TOTAL FRINGE BENEFITS</b>		<b>\$222,843</b>	<b>\$229,523</b>	<b>\$258,221</b>
401					
402	<b>TOTAL PERSONAL SERVICES</b>		<b>\$959,404</b>	<b>\$938,560</b>	<b>\$1,066,928</b>
403					
404	<b>OPERATING EXPENSES</b>				
405	Professional Services	001-0521-521.3100	\$10,000	\$10,000	\$10,000
406	Contractual Services	001-0521-521.3400	\$85,000	\$78,000	\$80,000
407	Travel & Per Diem	001-0521-521.4000	\$3,000	\$2,000	\$2,000
408	Communication	001-0521-521.4100	\$10,000	\$10,000	\$10,000
409	Mail & Freight	001-0521-521.4200	\$500	\$500	\$500
410	Utility Services	001-0521-521.4300	\$16,000	\$16,000	\$12,000
411	Rental & Leases	001-0521-521.4400	\$10,000	\$20,000	\$32,500
412	Repair & Maintenance-Auto	001-0521-521.4610	\$18,000	\$25,000	
413	Printing & Binding	001-0521-521.4700	\$600	\$600	\$600
415	Legal Ads	001-0521-521.4900	\$700	\$700	\$700
416	Alarm System Monitoring	001-0521-521.4910	\$700	\$700	\$700
417	Office Supplies	001-0521-521.5100	\$2,500	\$2,500	\$2,500
418	Operating Supplies	001-0521-521.5210	\$15,200	\$15,200	\$15,200
419	Uniforms & Shoes	001-0521-521.5220	\$5,300	\$5,300	\$5,300
420	Gas & Oil	001-0521-521.5290	\$25,000	\$30,500	\$40,000
421	Books, Publications, Subscriptions	001-0521-521.5400	\$1,000	\$1,000	\$1,000
422	Training	001-0521-521.5410	\$4,000	\$5,000	\$10,000
423	<b>TOTAL OPERATING EXPENSES</b>		<b>\$207,500</b>	<b>\$223,000</b>	<b>\$223,000</b>
424	<b>CAPITAL OUTLAY</b>				
426					
427	Improvements Other	001-0521-521.6300			
428	Vehicle	001-0521-521.6410			\$50,000
429	Equipment (Grant)	001-0521-521.6420	\$10,000	\$10,000	\$20,000
430	<b>TOTAL CAPITAL OUTLAYS</b>		<b>\$10,000</b>	<b>\$10,000</b>	<b>\$20,000</b>
431					
432	<b>TOTAL POLICE EXPENDITURES</b>		<b>\$1,176,904</b>	<b>\$1,171,560</b>	<b>\$1,309,928</b>



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1					Section IV. Item #2.
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
433					
434					
466					
467	<b>FIRE RESCUE-522</b>				
468	<b>EXPENDITURES</b>				
469					
470					
471	OPERATING EXPENSES				
472	Contractual Services	001-0522-522.3400	\$312,538	\$342,035	\$390,945
473	<b>TOTAL OPERATING EXPENSES</b>		<b>\$312,538</b>	<b>\$342,035</b>	<b>\$390,945</b>
474					
475					
476	<b>TOTAL FIRE EXPENDITURES</b>		<b>\$312,538</b>	<b>\$342,035</b>	<b>\$390,945</b>

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1					Section IV. Item #2.
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
477					
478					
479	<b>PUBLIC WORKS-541</b>				
480	<b>EXPENDITURES</b>				
481	<b>PERSONAL SERVICES</b>				
482	Salaries & Wages- Regular	001-0541-541.1200	\$26,696	\$30,368	\$36,236
483	Wages Part-time	001-0541-541.1300			
484	Wages Overtime	001-0541-541.1400			
485	Bonus			\$3,000	
486					
487	<b>TOTAL SALARIES &amp; WAGES</b>		<b>\$26,696</b>	<b>\$33,368</b>	<b>\$36,236</b>
488					
489	<b>FRINGE BENEFITS</b>				
490	FICA Taxes -7.65%	001-0541-541-2100	\$2,042	\$2,323	\$2,772
491	Retirement 5%	001-0541-541.2200	\$279	\$345	\$1,812
492	Health & Life Insurance	001-0541-541.2300	\$2,552	\$2,552	\$6,222
493	Workers' Compensation	001-0541-541.2400	\$822	\$822	\$1,000
494	Unemployment Compensation	001-0541-541.2500			
495					
496	<b>TOTAL FRINGE BENEFITS</b>		<b>\$5,695</b>	<b>\$6,042</b>	<b>\$11,806</b>
497					
498	<b>TOTAL PERSONAL SERVICES</b>		<b>\$32,391</b>	<b>\$39,410</b>	<b>\$48,042</b>
499					
500	<b>OPERATING EXPENSES</b>				
501	Professional Services	001-0541-541.3100	\$15,000	\$15,000	\$15,000
502	Contractual Services	001-0541-541.3400	\$20,000	\$20,000	\$20,000
503	Contractual Svcs Building Maintenance	001-0541-541.3402			\$25,000
504	Contractual Svc - (Town's ROW, Parks,Street)	001-0541-541.3403			\$35,000
505	Contractual Svcs (Maint. All town Vehicles)				\$38,000
506	Travel & Per Diem	001-0541-541.4000	\$500	\$500	\$500
507	Communication Services	001-0541-541.4100	\$2,200	\$2,200	\$2,200
508	Mail & Freight	001-0541-541.4200	\$1,000	\$1,000	\$1,000
509	Utility Services	001-0541-541.4300	\$105,000	\$105,000	\$105,000
510	Rental & Leases	001-0541-541.4400	\$7,500	\$7,500	\$7,500
511	Repair & Maintenance	001-0541-541.4610	\$3,000	\$3,000	\$3,000
512	Building repairs and Maintenance	001-0541-541.4611	\$11,000	\$11,000	\$11,000
513	Repair & Maintenance - Other	001-0541-541.4620			
514	Printing & Binding	001-0541-541.4700	\$500	\$500	\$500
515	Office Supplies	001-0541-541.5100	\$1,400	\$1,400	\$1,400
516	Operating Supplies	001-0541-541.5210	\$16,000	\$16,000	\$16,000
517	Uniforms & Shoes	001-0541-541.5220	\$750	\$750	\$1,000
518	Gas & Oil	001-0541-541.5290	\$1,500	\$1,500	\$1,500
519	Road Materials & Supplies	001-0541-541.5300	\$30,000	\$30,000	\$50,000
520	Books, Publications, Subscriptions	001-0541-541.5400	\$200	\$200	\$200
521	<b>TOTAL OPERATING SUPPLIES</b>		<b>\$215,550</b>	<b>\$215,550</b>	<b>\$333,800</b>
522					
523	<b>CAPITAL OUTLAYS</b>				
524	Building Improvements	001-0541-541.6200			
525	Improvements Other	001-0541-541.6300			
526	Vehicle	001-0541-541.6410	\$20,000		
527	Locate machine			\$20,000	\$20,000
528	Building Renovations			\$300,000	
529	Lawn Equipment(s)		\$15,000	\$15,000	\$15,000
530	<b>TOTAL CAPITAL OUTLAYS</b>		<b>\$35,000</b>	<b>\$335,000</b>	<b>\$35,000</b>
531					
532	<b>TOTAL PUB. WORKS EXPENDITURES</b>		<b>\$282,941</b>	<b>\$589,960</b>	<b>\$416,842</b>

Section IV. Item #2.

**TOWN OF EATONVILLE  
FISCAL YEAR (FY) 2022 - 2023  
APPROVED GENERAL FUND BUDGET**

	A	B	K	N
1				
2	<b>TOWN OF EATONVILLE</b>			
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>			
4	<b>APPROVED GENERAL FUND BUDGET</b>			
5				
6				
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>
533				
534	<b>POST OFFICE - 550</b>			
535	<b>EXPENDITURES</b>			
536	<b>PERSONAL SERVICES</b>			
537	Wages Full - time	001-0550-550.1200	\$18,398	\$19,318
538	Wages Part-time	001-0550-550.1300		
539	Overtime	001-0550.550.1400		
540	<b>TOTAL SALARIES AND WAGES</b>		<b>\$18,398</b>	<b>\$19,318</b>
541				
542	<b>FRINGE BENEFITS</b>			
543	FICA Taxes - 7.65%	001-0550-550.2100	\$1,407	\$1,478
544	Retirement 5%	001-0550-550.2200		
545	Health & Life Insurance	001-0550-550.2300		
546	Workers' Compensation	001-0550-550.2400	\$84	\$84
547	Unemployment Compensation	001-0550-550.2500		
548				
549	<b>TOTAL FRINGE BENEFITS</b>		<b>\$1,491</b>	<b>\$1,562</b>
550				
551	<b>TOTAL PERSONAL SERVICES</b>		<b>\$19,889</b>	<b>\$20,880</b>
552				
553	<b>OPERATING EXPENSES</b>			
554	Contractual Services	001-0550-550.3400	\$2,000	\$2,000
555	Communication	001-0550-550.4100	\$800	\$800
556	Utility Services	001-0550-550.4300	\$2,800	\$2,800
557	Rentals & Leases	001-0550-550.4400		
558	Repairs & Maintenance	001-0550-550.4600		
559	Office Supplies	001-0550-550.5100		
560	Promotional Activities	001-0550-550.4800		
561	Operating Supplies	001-0550-550.5210	\$1,500	\$2,000
562	<b>TOTAL OPERATING EXPENSES</b>		<b>\$7,100</b>	<b>\$7,600</b>
563				
564	<b>TOTAL POST OFFICE EXPENDITURES</b>		<b>\$26,989</b>	<b>\$28,480</b>

	A	B	K	N	
1					Section IV. Item #2.
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
565					
566					
567					
568	<b>SUMMER FOOD - 560</b>				
569	<b>EXPENDITURES</b>				
570	<b>PERSONAL SERVICES</b>				
571	Wages Part-time	001-0560-560.1300	\$16,860	\$16,860	\$16,860
572					
573	<b>TOTAL SALARIES AND WAGES</b>		<b>\$16,860</b>	<b>\$16,860</b>	<b>\$16,860</b>
574					
575	<b>FRINGE BENEFITS</b>				
576	FICA Taxes - 7.65%	001-0560-560.2100	\$1,319	\$1,319	\$1,319
577	Workers' Compensation	001-0560-560.2400	\$500	\$500	\$500
578					
579	<b>TOTAL FRINGE BENEFITS</b>		<b>\$1,819</b>	<b>\$1,819</b>	<b>\$1,819</b>
580					
581	<b>TOTAL PERSONAL SERVICES</b>		<b>\$18,679</b>	<b>\$18,679</b>	<b>\$18,679</b>
582					
583	<b>OPERATING EXPENSES</b>				
584	Operating Supplies	001-0560-560.5210	\$27,115	\$27,115	\$27,115
585	<b>TOTAL OPERATING EXPENSES</b>		<b>\$27,115</b>	<b>\$27,115</b>	<b>\$27,115</b>
586					
587	<b>TOTAL SUMMER FOOD EXPENDITURES</b>		<b>\$45,794</b>	<b>\$45,794</b>	<b>\$45,794</b>
588					

A		B	K	N	Section IV. Item #2.
1	<b>TOWN OF EATONVILLE</b>				
2	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
3	<b>APPROVED GENERAL FUND BUDGET</b>				
4					
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
589	<b>COMMUNITY &amp; YOUTH SVCS. DEPT. - 572</b>				
590	<b>EXPENDITURES</b>				
592	<b>PERSONAL SERVICES</b>				
593	Salaries & Wages - Regular	001-0572-572.1200	\$28,500	\$31,500	\$35,360
594	Wages Part-time	001-0572-572.1300	\$16,389	\$20,000	\$54,600
595					
596	<b>TOTAL SALARIES &amp; WAGES</b>		<b>\$44,889</b>	<b>\$51,500</b>	<b>\$89,960</b>
597					
598	<b>FRINGE BENEFITS</b>				
599	FICA Taxes - 7.65%	001-0572-572.2100	\$3,434	\$3,940	\$6,882
600	Retirement 5%	001-0572-572.2200	\$1,425		\$1,768
601	Health & Life Insurance	001-0572-572.2300	\$7,657	\$7,657	\$9,333
602	Workers' Compensation	001-0572-572.2400	\$5,374	\$5,374	\$6,000
603	Unemployment Compensation	001-0572-572.2500	\$1,000	\$1,000	\$1,000
604					
605	<b>TOTAL FRINGE BENEFITS</b>		<b>\$18,890</b>	<b>\$17,971</b>	<b>\$24,983</b>
606					
607	<b>TOTAL PERSONAL SERVICES</b>		<b>\$63,779</b>	<b>\$69,471</b>	<b>\$114,943</b>
608					
609					
610	<b>OPERATING SERVICES</b>				
611	Professional Services	001-0572-572.3100	\$2,100	\$2,100	\$7,000
612	Contractual Services	001-0572-572.3400	\$35,000	\$25,000	\$35,000
613	Contractual Services	001-0572-572.3402			
614	Travel & Per Diem	001-0572-572.4000	\$440	\$440	\$3,000
615	Communication Services	001-0572-572.4100	\$3,500	\$3,500	\$4,500
616	Mail & Freight	001-0572-572.4200	\$1,500	\$1,500	\$2,500
617	Utility Services	001-0572-572.4300	\$25,000	\$25,000	\$30,000
618	Rentals & Leases	001-0572-572.4400	\$7,000	\$7,000	\$10,000
619	Maintenance - Building	001-0572-572.4600	\$6,000	\$6,000	\$25,000
620	Repair & Maintenance -AUTO/OTHERS	001-0572-572.4610	\$2,000	\$2,000	\$4,000
621	Printing & Binding	001-0572-572.4700	\$1,000	\$1,000	\$2,000
622	Promotional Activities	001-0572-572.4800	\$5,000	\$5,000	\$7,500
623	Office Supplies	001-0572-572.5100	\$2,000	\$2,000	\$5,000
624	Operating Supplies	001-0572-572.5210	\$5,000	\$5,000	\$8,000
625	Uniforms	001-0572-572.5220	\$500	\$500	\$1,000
626	Gas & Oil	001-0572-572.5290	\$3,500	\$3,500	\$5,000
627	Books, Publications, Subscriptions	001-0572-572.5400	\$200	\$200	\$500
628	Senior Activities	001-0572-572.5600	\$5,500	\$5,500	\$7,000
629	Training	001-0572-572.5410			\$5,000
630	Youth Activities	001-0572-572.5601		\$10,000	\$12,000
631	Building Improvements	001-0572-572.6200			\$15,000
632	<b>TOTAL OPERATING EXPENSES</b>		<b>\$105,240</b>	<b>\$105,240</b>	<b>\$189,000</b>
633					
634	<b>CAPITAL OUTLAYS</b>				
635	Improvements Other	001-0572-572.6300			
636	Playground	001-0572-572.6450			
637					
638	<b>TOTAL CAPITAL OUTLAYS</b>				
639					
640	<b>TOTAL COMMUNITY &amp; YOUTH EXPEND.</b>		<b>\$169,019</b>	<b>\$174,711</b>	<b>\$303,943</b>

	A	B	K	N	
1					Section IV. Item #2.
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
641					
642	<b>SPECIAL EVENTS - 574 EXPENDITURES</b>				
643					
644	<b>OPERATING EXPENSES</b>				
645					
646	Other Miscellaneous expense - MLK	001-0574-574.4900			\$23,665
647	Other Miscellaneous expense - RWJF	001-0574-574.4901			\$25,000
648					
649	<b>TOTAL OPERATING EXPENSES</b>				
					<b>\$48,665</b>
650					
651					
652					
653					
654					
655					

	A	B	K	N	
1					Section IV. Item #2.
2	<b>TOWN OF EATONVILLE</b>				
3	<b>FISCAL YEAR (FY) 2022 - 2023</b>				
4	<b>APPROVED GENERAL FUND BUDGET</b>				
5					
6					
7		<b>ACCOUNT</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>
8	<b>ACCOUNT NAME</b>	<b>NUMBER</b>	<b>APPROVED</b>	<b>APPROVED</b>	<b>APPROVED</b>
9			<b>BUDGET</b>	<b>BUDGET</b>	<b>BUDGET</b>
10			<b>7.2938</b>	<b>7.2938</b>	<b>7.2938</b>
656					
657	<b>GENERAL FUND REVENUES</b>	<b>FYI ONLY</b>	<b>\$3,851,611</b>	<b>\$4,056,234</b>	<b>\$4,732,497</b>
658	<b>FUND BALANCE</b>				
659	<b>TOTAL GEN. FUND EXPENDITURES</b>		<b>\$3,509,205</b>	<b>\$4,031,234</b>	<b>\$4,732,497</b>
660					
661	<b>OVER/UNDER BUDGET GENERAL FUND</b>		<b>\$342,406</b>	<b>\$25,000</b>	<b>\$0</b>

## APPENDIX E: Examples of Policies included in Comprehensive Development Plans



**Table E-1: Examples of Policies included in Comprehensive Development Plan**

Example Policies	Similar Policies
<b>1. Availability of Water Supply and Water Supply Facilities</b>	
<p>a. Maintain adequate water treatment and distribution facilities, take steps to reduce demand for potable water, and secure sufficient funds to provide water to meet existing and future needs.</p>	<p>Future Land Use Element</p> <ul style="list-style-type: none"> <li>• Policy 1.2.2</li> <li>• Policy 1.8.5</li> </ul>
<p>b. Track current water demand and outstanding commitments in order to determine the availability of adequate water supply and facilities for existing and future developments.</p>	<p>Future Land Use Element</p> <ul style="list-style-type: none"> <li>• Policy 1.10.1</li> </ul> <p>Conservation Element</p> <ul style="list-style-type: none"> <li>• Policy 9.8.1</li> </ul>
<p>c. Ensure that adequate water supplies and facilities shall be in place and available to serve new development no later than the issuance of a certificate of occupancy or its functional equivalent.</p>	<p>Future Land Use Element</p> <ul style="list-style-type: none"> <li>• Policy 1.8.6</li> <li>• Policy 1.10.2</li> <li>• Policy 1.10.3</li> </ul> <p>Capital Improvement Element</p> <ul style="list-style-type: none"> <li>• Policy 12.6.1 (a)</li> </ul>
<p>d. Prior to approval of a building permit or its functional equivalent, consult with water suppliers to determine whether adequate water supplies will be available to serve the new development no later than the anticipated date of issuance of certificate of occupancy or its functional equivalent.</p>	<p>Future Land Use Element</p> <ul style="list-style-type: none"> <li>• Policy 1.8.6</li> <li>• Policy 1.10.2</li> <li>• Policy 1.10.3</li> </ul> <p>Capital Improvement Element</p> <ul style="list-style-type: none"> <li>• Policy 12.6.1 (a)</li> </ul>
<p>e. Participate in developing alternative water sources and alternative water supply facilities pursuant to guidance of the Water Management District.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.6.6</li> </ul>
<b>2. Water Conservation</b>	
<p>a. Reduce per capita water usage from the current xxx gallons per capita per day to xxx gallons per capita per day by year 20yy as indicated in the Water Supply Facilities Work Plan. The strategies to achieve this reduction will be implemented through water conservation measures, such as rate structure, aquifer storage and recovery, water reuse, and consumer education.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.1 (iii)</li> <li>• Policy 7.1.1 (iv) d</li> </ul> <p>Natural Groundwater and Aquifer Recharge Element</p> <ul style="list-style-type: none"> <li>• Policy 8.2.5</li> </ul> <p>Conservation Element</p> <ul style="list-style-type: none"> <li>• Policy 9.8.5</li> </ul>

**Table E-1: Examples of Policies included in Comprehensive Development Plan**

Example Policies	Similar Policies
<p>b. Require Water Wise vegetation for landscaping in all new developments and redevelopment projects; require the use of xeriscape landscaping techniques for all new developments and redevelopment; require all new development and redevelopment to utilize native drought tolerant landscaping.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.1 (iv. a)</li> <li>• Policy 7.6.8</li> </ul> <p>Natural Groundwater and Aquifer Recharge Element</p> <ul style="list-style-type: none"> <li>• Policy 8.1.5</li> </ul> <p>Conservation Element</p> <ul style="list-style-type: none"> <li>• Policy 9.8.2</li> <li>• Policy 9.8.5</li> </ul>
<p>c. Implement programs requiring or encouraging the use of water saving devices for irrigation systems and plumbing fixtures.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.1 (iv. c)</li> <li>• Policy 7.6.2</li> </ul> <p>Natural Groundwater and Aquifer Recharge Element</p> <ul style="list-style-type: none"> <li>• Policy 8.1.6</li> </ul> <p>Conservation Element</p> <ul style="list-style-type: none"> <li>• Policy 9.8.2</li> </ul>
<p>d. Conduct audits of water systems to determine areas that may be in need of repair and may be contributing to increased water consumption through leaking pipes, and prioritize needed improvements accordingly.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.2</li> </ul>
<p>e. Encourage conservation of water sources by the enforcement of water restrictions of customers, monitoring of excessive water uses and other active measures to ensure that water is conserved and non-compliance is corrected, maintaining and implementing a water-conservation educational program, adoption of watering restrictions, and requirement that reclaimed (non-potable) water be used by all customers when made available by the water utility provider.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.6.1</li> <li>• Policy 7.6.4</li> </ul>
<p>f. Investigate strategies to further conserve water, such as incentives for low-impact water-efficient design practices, including water efficient appliances, and utilization of a water system conservation rate schedule structure.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.6.1</li> </ul>
<p>g. Require each new development or substantial redevelopment project to construct an irrigation water distribution system and whenever feasible to connect to the City's existing reclaim water supply system. However, the City may accept an alternative supply for reclaim water</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.6.8</li> </ul>

**Table E-1: Examples of Policies included in Comprehensive Development Plan**

Example Policies	Similar Policies
augmentation and alternative irrigation water subject to review and approval by the City, including private systems.	
<p>h. Provide or expand public education program to encourage water conservation. At a minimum, the program will include:</p> <p>i. Water conservation messages in monthly utility bill and newsletter</p> <p>ii. Regular updates regarding water conservation on the City’s website</p> <p>iii. Provision of water conservation signs in employee and public restrooms</p> <p>iv. Provision of water conservation materials in City Hall and other City office buildings</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.6.4</li> </ul> <p>Natural Groundwater and Aquifer Recharge Element</p> <ul style="list-style-type: none"> <li>• Policy 8.2.5</li> </ul>
<p>i. Coordinate with public entities, such as the Conserve Florida Water Clearinghouse (University of Florida), to obtain technical assistance in the collection of measurable baseline data that can be used to establish a set of benchmarks from which the effectiveness of the water conservation measures will be evaluated in the future.</p>	<p>Natural Groundwater and Aquifer Recharge Element</p> <ul style="list-style-type: none"> <li>• Policy 8.2.8</li> <li>• Policy 8.2.9</li> </ul>
<p>j. Require the establishment of a water conservation plan for new subdivisions and planned unit developments. Each plan shall include at least one of the following: reuse of stormwater for irrigation or other non-potable water use, installation of low flow fixtures, installation of reuse dry lines, use of well water for irrigation, use of water-wise vegetation, annual water audits performed by a certified water auditor; or any other measure approved by the City.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.1 (iv. c)</li> </ul> <p>Natural Groundwater and Aquifer Recharge Element</p> <ul style="list-style-type: none"> <li>• Policy 8.1.6</li> </ul>
<b>3. Water Reuse</b>	
<p>a. Implement an incentive program to encourage replacement of potable water use with reclaimed water for irrigation purposes for at least xxx gallons per day by year 20yy.</p>	Not Applicable
<p>b. Expand existing reclaimed water system distribution network to serve additional large users and continue to reduce potable water usage for irrigation.</p>	Not Applicable
<p>c. Supply future water needs in addition to groundwater from a variety of alternative sources, including reclaimed water and surface water where permitted and available.</p>	<p>Natural Groundwater and Aquifer Recharge Element</p> <ul style="list-style-type: none"> <li>• Policy 8.2.12</li> </ul>

**Table E-1: Examples of Policies included in Comprehensive Development Plan**

Example Policies	Similar Policies
d. Support the Water Management District's water reuse projects and implementation of new regulations and programs designed to increase the volume of reclaimed water used.	Not Applicable
e. Implement a reuse dry-line program and require developers to install dry lines for reclaimed water when the availability of such facilities is imminent.	Not Applicable
<b>4. Coordination with the Water Management District</b>	
a. Coordinate with the Water Management District to assure the consistency of the Work Supply Facilities Work Plan with the District's Regional Water Supply Plan, including population projections and other water demand and distribution factors.	Potable Water Element <ul style="list-style-type: none"> <li>• Policy 7.1.1</li> <li>• Policy 7.2.1</li> <li>• Policy 7.6.3</li> </ul>
b. Coordinate with the Water Management District regarding the District's water shortage conservation plans and strategies.	Potable Water Element <ul style="list-style-type: none"> <li>• Policy 7.1.1 (iii)</li> <li>• Policy 7.1.1 (iv. d)</li> <li>• Policy 7.3.2</li> <li>• Policy 7.6.5</li> </ul> Conservation Element <ul style="list-style-type: none"> <li>• Policy 9.5.3</li> </ul>
c. Coordinate with the Water Management District regarding the availability of alternative water supply sources.	Potable Water Element <ul style="list-style-type: none"> <li>• Policy 7.6.6</li> </ul> Conservation Element <ul style="list-style-type: none"> <li>• Policy 9.8.3</li> <li>• Policy 9.8.4</li> </ul>
d. Participate in the development and updates to the Water Management District's Regional Water Supply Plan and water supply development-related initiatives.	Potable Water Element <ul style="list-style-type: none"> <li>• Policy 7.6.4</li> </ul>
e. Coordinate with the Water Management District on reuse projects and programs.	Not Applicable
<b>5. Coordination with Water Suppliers</b>	
a. Ensure that adequate water supplies and potable water facilities shall be in place and available to serve new development no later than the issuance of a certificate of occupancy or its functional equivalent.	Future Land Use Element <ul style="list-style-type: none"> <li>• Policy 1.8.6</li> <li>• Policy 1.10.2</li> <li>• Policy 1.10.3</li> </ul> Capital Improvement Element

**Table E-1: Examples of Policies included in Comprehensive Development Plan**

Example Policies	Similar Policies
<p>b. Prior to approval of a building permit or its functional equivalent, consult with water suppliers to determine whether adequate water supplies will be available to serve the new development no later than the anticipated date of issuance of certificate of occupancy or its functional equivalent</p>	<ul style="list-style-type: none"> <li>• Policy 12.6.1 (a)</li> </ul> <p>Future Land Use Element</p> <ul style="list-style-type: none"> <li>• Policy 1.8.6</li> <li>• Policy 1.10.2</li> <li>• Policy 1.10.3</li> </ul> <p>Capital Improvement Element</p> <ul style="list-style-type: none"> <li>• Policy 12.6.1 (a)</li> </ul>
<p>c. Negotiate or renew interlocal agreements with water supply providers ensuring contractual agreement of the adopted level service standards, service areas, population projections, and time period for services provided.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.2.4</li> </ul> <p>Conservation Element</p> <ul style="list-style-type: none"> <li>• Policy 9.8.3</li> </ul>
<p>d. Obtain from the water supplier a written statement regarding the current potable water demand, the availability of adequate water to meet the projected demand for the period covered by the Water Supply Facilities Work Plan, the amount of water withdrawals allowed and amount remaining through the consumptive use permit issued by the Water Management District, the capacity of available facilities.</p>	<p>Natural Groundwater and Aquifer Recharge Element</p> <ul style="list-style-type: none"> <li>• Policy 8.2.1</li> </ul>
<b>6. Implementation of the Water Supply Facilities Work Plan</b>	
<p>a. Implement the Water Supply Facilities Work Plan for at least a 10-year planning period addressing water supply facilities necessary to serve existing and future development. The Work Plan will be updated within 18 months following an update of the Regional Water Supply Plan. The Water Supply Facilities Work Plan is incorporated into the Comprehensive Plan by reference.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.1</li> <li>• Policy 7.2.3</li> </ul>
<p>b. Assess annually the performance and effectiveness of the 10-Year Water Supply Facilities Work Plan and update the status of project development and potential funding sources, consistent with the corresponding Water Management District's Regional Water Supply Plan and the policies of this Comprehensive Plan in order to maximize the use of existing facilities and provide for future needs</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.2</li> </ul>
<p>c. Utilize the Water Supply Facilities Work Plan to identify and plan for water supply sources and facilities needed to serve existing and new developments.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.2</li> <li>• Policy 7.1.3</li> </ul>
<p>d. Adopt by reference the Water Supply Facilities Work Plan (WSFWP), dated 2018 (see Attachment A of the Potable Water Sub-Element), for a</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.1</li> </ul>

**Table E-1: Examples of Policies included in Comprehensive Development Plan**

Example Policies	Similar Policies
<p>planning period of not less than 10 years. The WSFWP addresses issues that pertain to water supply facilities and requirements needed to serve current and future development within the City's water service area. The City shall review and update the WSFWP at least every 5 years. Any changes to occur within the first 5 years of the WSFWP shall be included in the annual Capital Improvements Plan update to ensure consistency between the Potable Water Sub-element and the Capital Improvements Element.</p>	<p>Capital Improvement Element</p> <ul style="list-style-type: none"> <li>• Policy 12.1.2</li> </ul>
<p>e. Use the Water Supply Facilities Work Plan to prioritize and coordinate the expansion and upgrade of facilities used to withdraw, transmit, treat, store and distribute potable water to meet future needs.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.2</li> <li>• Policy 7.1.3</li> <li>• Policy 7.2.1</li> </ul>
<p>f. Consult with water suppliers regarding the feasibility of developing or extending reclaimed water to the City to be utilized for irrigation and other non-potable water uses.</p>	<p>Natural Groundwater and Aquifer Recharge Element</p> <ul style="list-style-type: none"> <li>• Policy 8.2.12</li> </ul>
<p>g. Coordinate with wholesale customers to ensure compliance with the Water Supply Facilities Work Plan.</p>	<p>Not Currently Included</p>
<b>7. Capital Improvements</b>	
<p>a. Explore and utilize various revenue sources to meet water systems maintenance, extension and upgrade, including:</p> <p>i. Grants (federal, state and regional grants)</p> <p>ii. Loans</p> <p>iii. Appropriations</p> <p>iv. Impact fees/Development fees Other user fees and charges, such as retail user charges, service charges, hydrant rental, reclaimed water user charge, and connection fees</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.3.3</li> </ul> <p>Capital Improvement Element</p> <ul style="list-style-type: none"> <li>• Policy 12.1.1</li> <li>• Policy 12.4.2</li> <li>• Policy 12.4.5</li> </ul>
<p>b. Pursue grants for alternative water supply development.</p>	<p>Not Currently Included</p>
<p>c. Maintain an ongoing inventory of water supply facilities and a plan for improvements needed to support existing and future demand identified in the Water Supply Facilities Work Plan.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.1</li> <li>• Policy 7.1.2</li> <li>• Policy 7.1.3</li> <li>• Policy 7.2.1</li> </ul> <p>Capital Improvement Element</p> <ul style="list-style-type: none"> <li>• Policy 12.1.1</li> </ul>

**Table E-1: Examples of Policies included in Comprehensive Development Plan**

Example Policies	Similar Policies
<p>d. Review the Water Supply Facilities Work Plan annually together with the Capital Improvements Program to include the water related projects identified for the first 5 years of the Water Supply Facilities Work Plan.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.1.2</li> <li>• Policy 7.2.3</li> </ul> <p>Capital Improvement Element</p> <ul style="list-style-type: none"> <li>• Policy 12.1.11</li> <li>• Policy 12.1.13</li> </ul>
<p>e. Include capital projects scheduled in the first 5 years of the 10-Year Water Supply Facilities Work Plan in the Capital Improvements Element 5-Year Schedule of Capital Improvements. This schedule shall be updated annually, as necessary, to maintain consistency with the capital projects listed in the Water Supply Facilities Work Plan and within 18 months following an update to the Water Management District's Regional Water Supply Plan and subsequent revisions to the Water Supply Facilities Work Plan.</p>	<p>Potable Water Element</p> <ul style="list-style-type: none"> <li>• Policy 7.2.3</li> </ul> <p>Capital Improvement Element</p> <ul style="list-style-type: none"> <li>• Policy 12.1.2</li> <li>• Policy 12.2.13</li> </ul>

**RESOLUTION #2024-2**

A RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF EATONVILLE, FLORIDA, TO APPROVE THE 10-YEAR WATER SUPPLY FACILITIES WORK PLAN, PROVIDING FOR CONFLICTS, SEVERABILITY, AND AN EFFECTIVE DATE.

**WHEREAS** the Town Council wishes to adopt a 10-Year Water Supply Facilities Work Plan (WSFWP) in response to St. John’s River Water Management District’s (SJRWMD) requirement; and

**WHEREAS** the Town Council is required to adopt a 10-yr WSFWP into the Town’s Comprehensive Plan by reference through a resolution providing an updated WSFWP into the Town’s Comprehensive Plan within 18 months of governing board approval of the 2020 Central Florida Water Initiative Regional Water Supply Plan (CFWI RWSP); and

**NOW THEREFORE BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF EATONVILLE, FLORIDA THE FOLLOWING:**

**SECTION ONE:** The Town Council approves adoption of the required 10-Year Water Supply Facilities Work Plan (WSFWP) as required by the St. John’s River Water Management District’s (SJRWMD) requirement by resolution.

**SECTION TWO:** **CONFLICTS:** All Resolution or parts of Resolutions in conflict with any other Resolution or any of the provisions of this Resolution are hereby repealed.

**SECTION THREE:** **SEVERABILITY:** If any section or portion of a section of this Resolution is found to be invalid, unlawful, or unconstitutional it shall not be held to invalidate or impair the validity, force or effect of any other section or part of this Resolution.

**SECTION FOUR:** **EFFECTIVE DATE:** This Resolution shall become effective immediately upon its passage and adoption.

**PASSED AND ADOPTED** this 6<sup>TH</sup> day of February 2024.

ATTEST:

\_\_\_\_\_  
Angie Gardner, Mayor

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Veronica King, Town Clerk