



DEVELOPMENT WORKSHOP



Welcome and Introductions

Hai Vu

VP, Water & Wastewater Systems

Agenda

- Electric Services - Gerald Donskey
- Electric Development - Jeremy Williams
- Electric Development Inspections – Josh Gordon
- Real Estate - Brandon Traub
- SagesGov & W/WW Development – Deanna Davis
- W/WW Environmental – Justin Wright & Zack Waldroup
- W/WW Inspection – Wayne Pope
- W/WW Standards – Bill Kirk & Casey Nettles
- W/WW Pre-Service – Janie Smalley & Victor Blackshear
- W/WW Meter Services – Jody Godsey
- Galvanized Pipe Program – Justin Sencer



September 2021



Objective

To provide an opportunity to have open discussion and feedback with the development community on the new processes, policy changes, guidelines and standards that are planned for 2022.

To provide an updates and helpful information for SagesGov.

To review common issues that effect project & service timelines.

During the breakout sessions you will have an opportunity to visit with JEA staff to discuss any issues or concerns you have.



September 2021

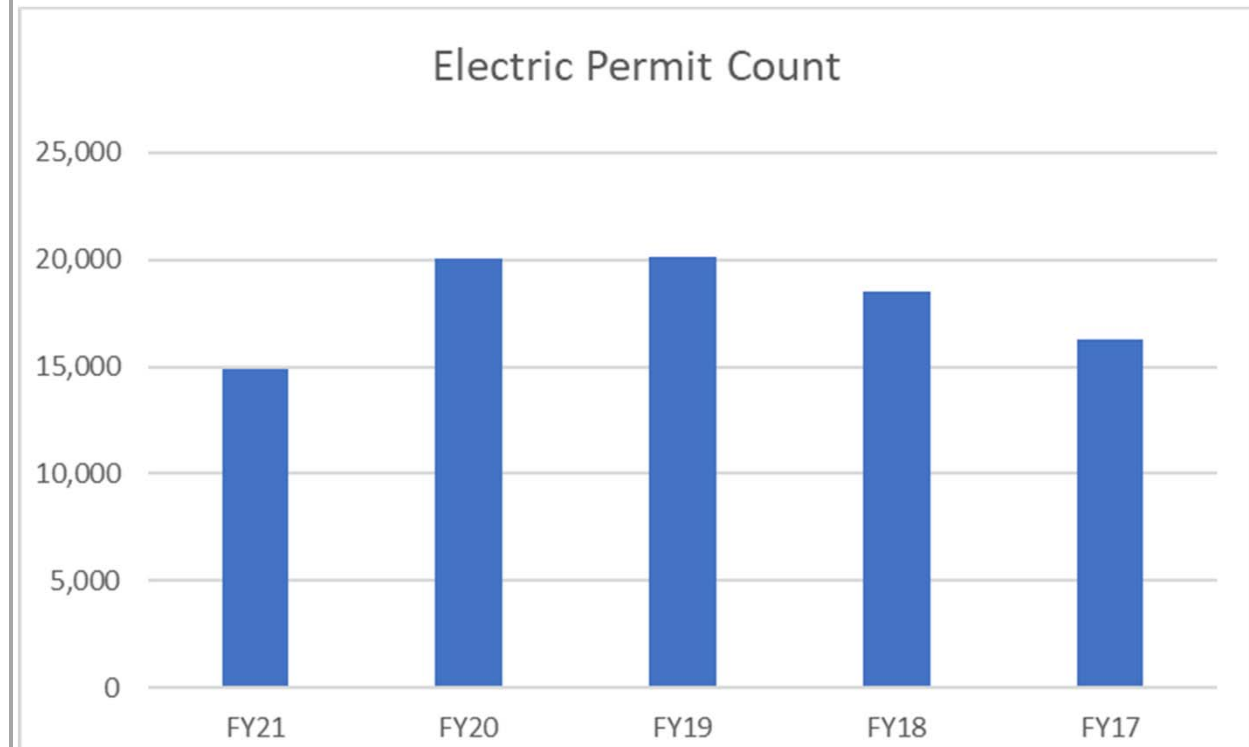


Electric Services

Gerald Donskey
Manager, Electric Services

Electric Service Permit Processing

Incoming Electric Service Permits



**Electric
Services**

**Gerald Donskey
Manager, Electric
Services**

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Electric Service Permit Processing

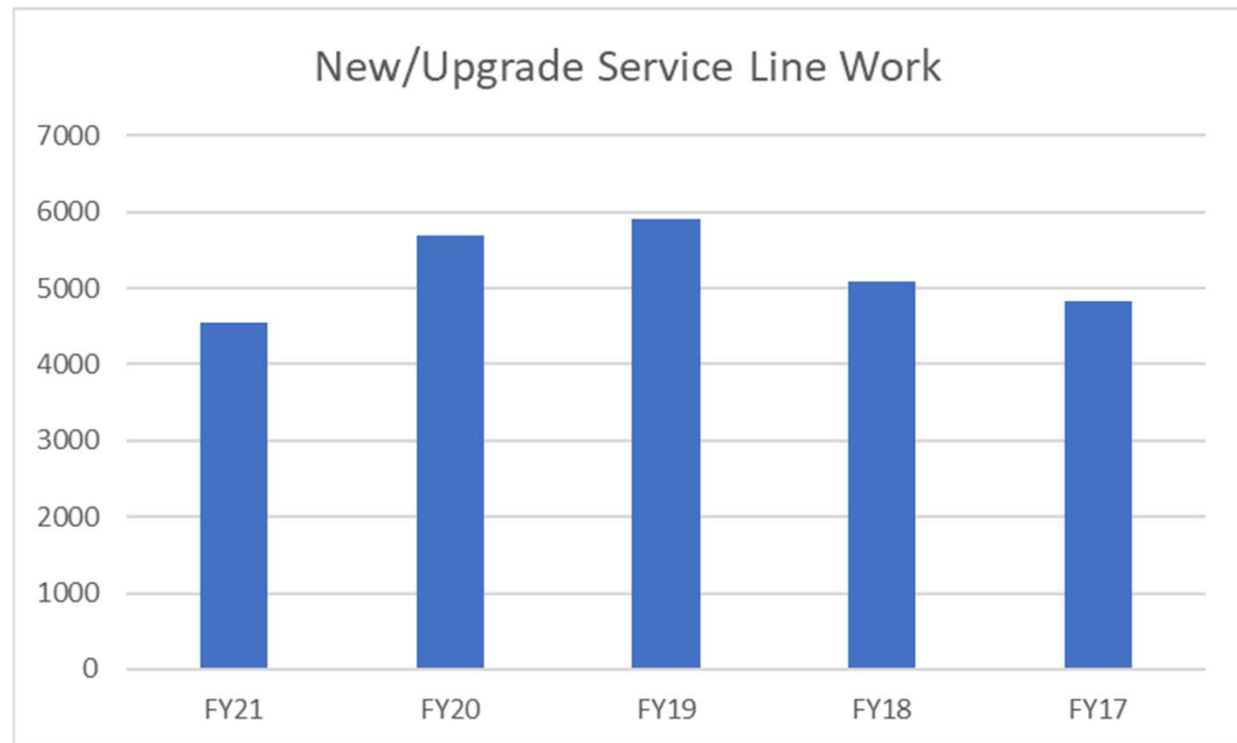
Permit Line Work Orders Issued



**Electric
Services**

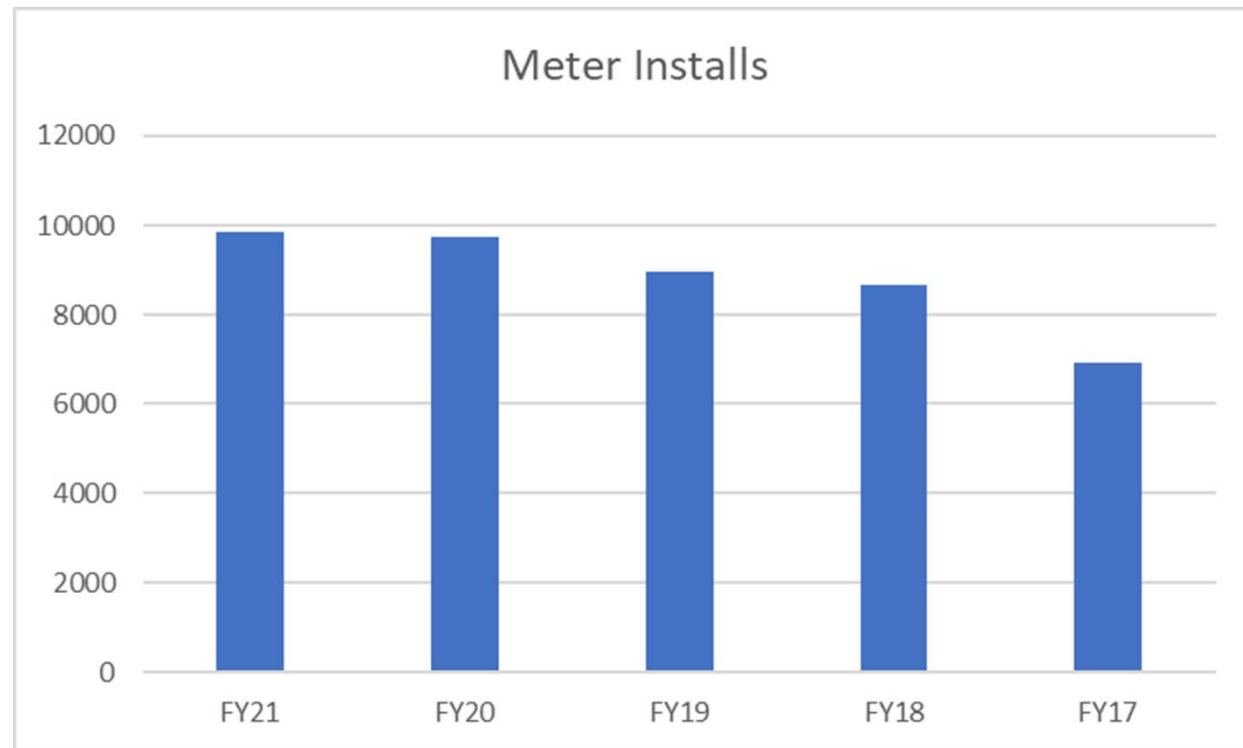
**Gerald Donskey
Manager, Electric
Services**

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Electric Service Permit Processing

Electric Meter Installs



**Electric
Services**

**Gerald Donskey
Manager, Electric
Services**

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Rules & Regulations for Electric Service

Services for Duplex Dwellings:

- Changed with January 2021 edition Rules & Regulations for Electric Service –new duplex dwellings can be classified as a URD for JEA maintained secondary.

Single Family Line Work

- Issues delaying service line work
 - No pull line installed in conduit or conduit not attached.

Multi Family Line Work

- Issues delaying service connection
 - No Un-Metered Main permit pulled (7+ units).
 - Meter pie plate covers, fifth jaw removed for 240 volt.



Gerald Donskey
Manager, Electric
Services

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Electric Development

Jeremy Williams
Manager, Energy & Development Projects

UG Development Team (URD/UAD/UCD)

Jeremy Williams– Manager, Energy & Development Projects

Jarrell Floyd– Staff Engineer

Lloyd Lesley– Associate Engineer

Jared Sirmans (New)– Associate Engineer

**Electric
Development**

**Jeremy Williams
Manager, Energy &
Development Projects**

SEPTEMBER 2021



UG Development Trends (FY21 vs FY20)

- ✓ Project Count up 25% (86 vs 69)
- ✓ URD Lots up 40% (3,820 vs 2,728)
- ✓ UAD Units up 58% (5,667 vs 3,591)
- ✓ UCD Length up 65% (24,285 ft vs 14,700 ft)

**Electric
Development**

**Jeremy Williams
Manager, Energy &
Development Projects**

SEPTEMBER 2021





Jeremy Williams
Manager, Energy &
Development Projects

SEPTEMBER 2021



Pre-Submittal Meeting

- New to JEA or No Projects within last 6 Months
- Scheduling: elecdev@jea.com

Project Submittal

- Electronic Inbox: elecdev@jea.com
- Review within 15 business days.
- Submittal Documents:
 - www.jea.com
 - Engineering and Construction
 - Electric Development



Jeremy Williams
Manager, Energy &
Development Projects

SEPTEMBER 2021
////////////////

Project Design

- Preliminary Design within 20 Business Days.

Developer Construction

- Pre-Construction Meeting
 - Design released for Electrical Contractor installation
 - Introduction of JEA Inspector
 - Construction/Standards Q&A
- Inspection
 - Electrical Contractor contacts Inspector with any questions and requests Final Inspection
 - Upon acceptance, Electrical Contractor submits As-built and Schedule of Values (SOV) form.

JEA Construction

- Project Engineer receives As-built/SOV from Inspector.
- Engineer delivers cable & street light package to Construction within 10 Business Days.
- Typical lead-time to energize a project is 4 to 6 weeks.



**Electric
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**Jeremy Williams
Manager, Energy &
Development Projects**

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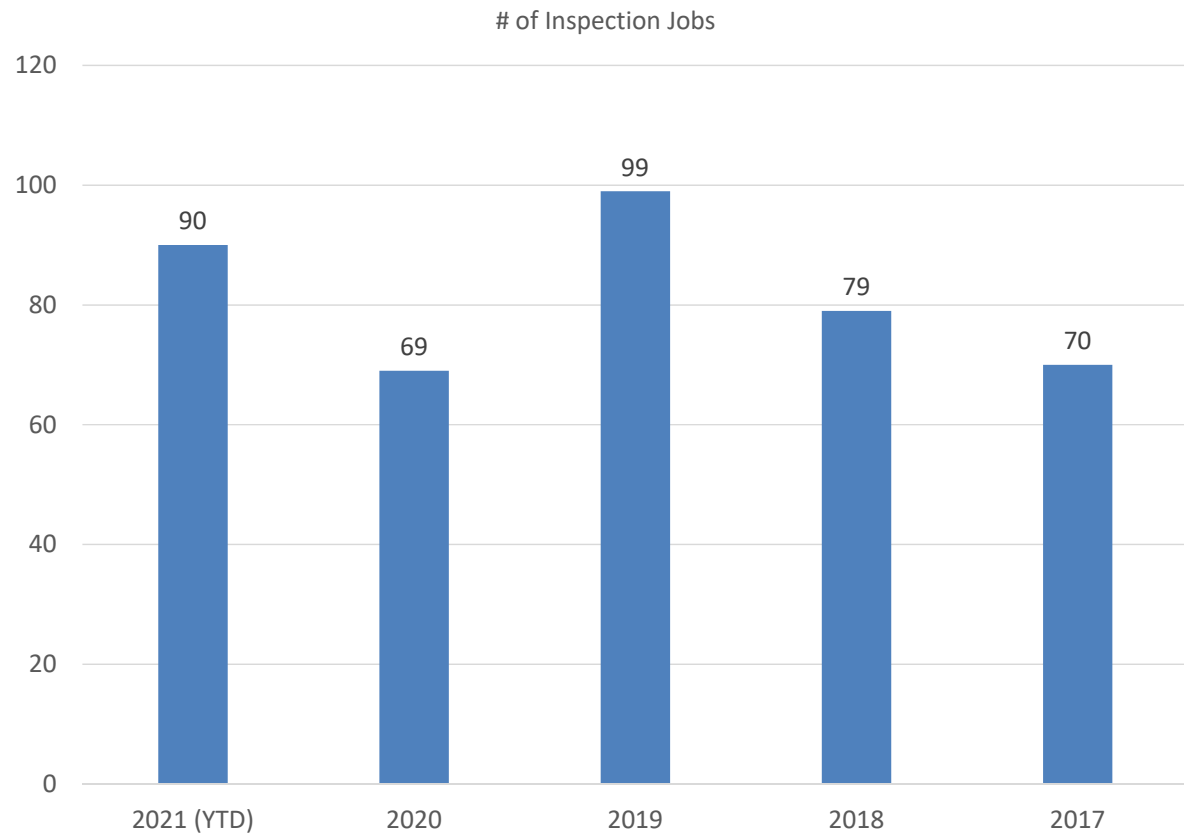




Electric Development Inspections

Josh Gordon
Manager, Contract Administration

Electric Development Inspections Jobs Per Year



**Electric
Dev Inspections**

**Josh Gordon
Manager, Contract
Administration**

SEPTEMBER 2021



Updated Electric Development Inspection Process



Josh Gordon
Manager, Contract
Administration

SEPTEMBER 2021



- Electrical contractor will send an email to the inspections mailbox (elecdevinspections@jea.com) to request inspection and copy developer
- Contract Admin manager will route the request to the appropriate inspector
- Inspector will reply all (engineer, developer, electrical contractor, inspections mailbox) with the scheduled time and date of inspection (within 5 business days)

Updated Electric Development Inspection Process



Josh Gordon
Manager, Contract
Administration

SEPTEMBER 2021



- Once inspection is complete, the inspector will reply all with notification that the as-built has been received or give an explanation of the defects that caused the inspection to fail (same day)
- If the inspection fails, the electrical contractor will make the corrections and then send another inspection request to the inspection mailbox and the process will start back at the top



Real Estate

Brandon Traub
Real Estate Coordinator



Brandon Traub,
Real Estate
Coordinator

September 2021



Real Estate Items

- Plats
- Easements
- Use & Hold Harmless
- Link to JEA Real Estate page on JEA W/WW Development, Reference Materials webpage



SagesGov & W/WW Development

Deanna Davis
Manager, W/WW Development

Setting Up New Accounts/Add Users

- Own account-No Sharing
- Multiple “Company Administrator” users
- Active/Inactive



Deanna Davis,
Manager W/WW
Development

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Edit User

First Name:	* <input type="text" value="Deanna"/>
Middle Name:	<input type="text"/>
Last Name:	* <input type="text" value="Davis"/>
Phone:	* <input type="text" value="(904) 599-3085"/>
Email:	* <input type="text" value="jeadevelopment@jea.com"/> ✓ Verified
Status:	<input checked="" type="radio"/> Active <input type="radio"/> Inactive
Role:	<div><input checked="" type="radio"/> Company Administrator <input type="radio"/> Company Owner <input type="radio"/> Foreman</div> <div><input type="radio"/> Project Manager <input type="radio"/> Permit Runner / Expediter <input type="radio"/> Professional Architect</div> <div><input type="radio"/> Readonly User <input type="radio"/> Superintendent <input type="radio"/> Professional Engineer</div>



SagesGov

Deanna Davis,
Manager W/WW
Development

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Help Menu

- Resources
- Contact Information

HELP TOPICS

[How-To Videos ▼](#)

[Infill Development Process ▼](#)

[JEA Water/Wastewater Development Resources ▼](#)

[Make a Payment to JEA Account for Applied for Services ▼](#)

[What "Step" do I select for my submittal? ▼](#)

[JEA Team Member Contact Information ▼](#)



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Manager W/WW
Development

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Verifying Project Number

- Before you submit a new process
- Enter your project number
- Project verification step

Service Availability Number (An exact match search occurs on this field)

	#	Project/Case Name	Status	Address	Parcel #	Submitted By	Submitted On
<input checked="" type="radio"/>	2019-0531 - Service Availability Request	Blackrock Cove	Review Cycle Approved		45-3N-28-0000-0001-0120	Gillette & Associates, Inc. - Tricia Bowen (Company Admin)	Mar 02, 2020

Note: The users who have access to the selected Service Availability Number will have read-only access to this submittal and any files that are being uploaded.

Submitted something under the incorrect project number?

- New submittal under the correct project number
- Contact JEA (applicable area) for them to withdraw your application.



Deanna Davis,
Manager W/WW
Development

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Resubmit a Rejected or Disapproved Item

- Don't go to the "Steps"
- Access from Worklist
- Resubmit Project/Case



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Manager W/WW
Development

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The screenshot displays the SagesGov application interface. On the left is a dark blue sidebar with icons for various functions. The main content area is titled 'Overview' and shows project details for 'Wilson Blvd.IV'. The status is 'Review Cycle Disapproved' and the county is 'Duval County'. Below this, there are four action links: 'RESUBMIT PROJECT / CASE' (highlighted with a red circle and a red arrow), 'VIEW APPLICATION', 'MANAGE COLLABORATORS', and 'VIEW DETAILS'. The 'GRAPHICAL OVERVIEW' section shows a progress bar for 'Reviews' and a red icon with a checkmark, indicating the 'Water/Wastewater Permit Review' status.



Deanna Davis,
Manager W/WW
Development

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Submitting Updated Files

- Do not “Select files to upload”-This is for new item uploads, not modifications to previously submitted documents
- Select “Revise” and add the file from there

RESUBMIT PROJECT / CASE > VIEW APPLICATION > MANAGE COLLABORATORS > VIEW DETAILS

1 Application Forms 2 Upload files 3 Confirm & Submit

Uploaded Files

File Type	File Name	File Size	Comment	Uploaded By/On	Action
Additional PDF File 1	Plans for FM replacement.pdf	3.7 MB		SYSTEM Aug 02, 2021 @ 02:30 PM	<input type="radio"/> No Changes <input checked="" type="radio"/> Revise <input type="radio"/> Delete <input type="button" value="Choose File"/> No file chosen <input type="button" value="Upload"/>
DEP/EQD Sewer Permit	FDEP Sewer Main Application.pdf	269.2 KB	Please, fill in the permit application. So, I can submit to EQD.	SYSTEM Aug 02, 2021 @ 02:30 PM	<input checked="" type="radio"/> No Changes <input type="radio"/> Revise <input type="radio"/> Delete

Upload NEW Files

(circled in red)

Mandatory files required for this submission:

- DEP/EQD Sewer Permit

Optional files: [view](#)

Adding a Collaborator - Fixes

- Problem: Can't add collaborator if case is Completed
 - Collaborators can now be added no matter the status of the Project/Case
- Problem: Have to add collaborator on each case for access
 - Anyone that is listed as a collaborator OR person/organization that submitted a process under the project number will have access to all details in the explorer-read only access



**Deanna Davis,
Manager W/WW
Development**

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Notifications

- Problem: Only notifications are going to the person that submitted the process
 - We can now add the notifications to go to the following:
 - Case Collaborator
 - Case Submitter
 - Case Coordinator
- We have not yet set up these rules so please come to the Sages breakout session and tell us what processes you want the notifications on



**Deanna Davis,
Manager W/WW
Development**

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Search Feature Expanded



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Manager W/WW
Development

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Search

Record Type

Projects

Project/Case #

Project/Case Name

Service Request Date

Current Status Date

--- Select ---

Last Activity Date

--- Select ---

Submission Date

--- Select ---

Intake Accepted On

--- Select ---

Cycle Approved On

--- Select ---

File Request Status

-- Select --

Submitted By

Select an option

Process

Select an option

Project/Case Status

Select an option

Address

Street #

Street Name

Street Type

-- Select --

City

Parcel Number

Location Details

☐ Show me only those records that belong to me or my company

Clear

Search

Development Meetings

- Require a utility layout
- Required for the following:
 - Project constructed in phases
 - HDD or Jack & Bore Installation
 - 3-inch and larger meters
 - Developer Agreement
 - Cost Participation Agreement



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Manager W/WW
Development**

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Plan Submittal-Application

- ** Development Meeting Required

Plan Submission	
<i>*** Designates that a Development Meeting is required prior to plan submission.</i>	
Project Name:	6030 Dunn Ave
** Will your project be constructed in phases?	<input type="text" value="-- Select --"/>
JEA Lift Station?	<input type="text" value="No"/>
JEA Lift Station requires Generator?	<input type="text" value="-- Select --"/>
JEA Lift Station requires Pony Pump?	<input type="text" value="-- Select --"/>
Private Lift Station?	<input type="text" value="-- Select --"/>
Will you have a Bulk Reuse Station?	<input type="text" value="-- Select --"/>
Will Vacuum Pods be installed within this Project?	<input type="text" value="-- Select --"/>
Will you be utilizing Chilled Water?	<input type="text" value="-- Select --"/>
** HDD or Jack and Bore installation?	<input type="text" value="-- Select --"/>
** Water Meter 3-inch and above:	<input type="text" value="-- Select --"/>



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Manager W/WW
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Manager W/WW
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Plan Submittal-Application

- Account Executive
- Permit Applications (Not to be included)
- SUE Reports, when required, must be submitted in the preliminary submittal
- FDOT Special Instructions
- Plan Set:
 - One File, not separate for each sheet

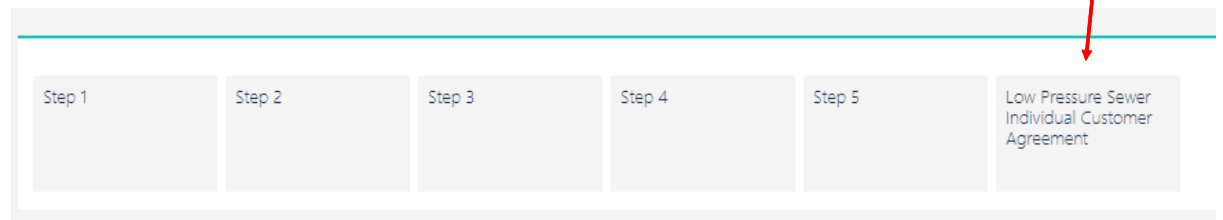
★★ Is this project part of an existing developer agreement?	<input type="text" value="-- Select --"/>
★★ JEA Cost Participation?	<input type="text" value="-- Select --"/>
★★ JEA Developer Agreement?	<input type="text" value="-- Select --"/>
Reuse Jumper needed?	<input type="text" value="-- Select --"/>
★★ Cost recovery?	<input type="text" value="-- Select --"/>
Does this project include LPS connections?	<input type="text" value="-- Select --"/>
Does your project have an assigned JEA Account Executive? If yes, who?	<input type="text" value="-- Select --"/>

PERMIT APPLICATIONS:

DO NOT submit permit applications with your plan submission. Permit applications are to be submitted separately under Step 3. AFTER your plans are approved, select Step 3 then select "Permit Determination". From there you will select "Water & Wastewater Permit Submittal".

LPS Agreement Requests

- Main Page
- JEA will prepare the agreement and transmit to you
- Return the original signed document to JEA for recording



**Deanna Davis,
Manager W/WW
Development**

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Reuse Supply Pressure Connection Letter

- Sages Step 2
- Reuse Supply Pressure Connection Letter Request



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Manager W/WW
Development**

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Please enter your Availability Number below and click 'Submit'.

Availability Number:	<input type="text" value="2019-2566"/>	<input type="button" value="Submit"/>
----------------------	--	---------------------------------------

Force Main Connection Pressure Letter Request	Reuse Supply Pressure Letter Request	Alternative Connection Request	Development Meeting Request	Residential New Service Application	Commercial New Service Application	Multi-Family New Service Application	Special Estimate Determination
Plan Submission	Infill Layout Submission	Water Service Locate and Flow Test	Cost Participation Agreement	Developer Agreement			

As-Built for COC-Water Only

- Sages Step 4
- As-built for Water COC Only



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Manager W/WW
Development**

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Step 4

Please enter your Availability Number below and click 'Submit'.

Availability Number:

2019-2566

Submit

Pre-Construction
Meeting Request

Inspections

As-Built Submittal

Permit COC

As-built for Water
COC Only

Pre-Acceptance
Letter Request

Availability Letter-Next Steps



SagesGov

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Manager W/WW
Development

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Subsequent steps you need
to take to get service:

If indicated on your availability letter, request your water flow test (Sages Step 2) and/or sewer locate (Sages Step 1).

After you receive the results of these, if applicable, submit your Infill Layout(s) (Sages Step 2).

After your Infill Layout(s) are approved, request a Special Estimate Determination (Sages Step 2) for the cost of your taps.

After you have received the Special Estimate Determination, apply for your new services by accessing Step 2 in Sages and selecting Residential New Service Application. You will need to submit a separate application for each address, do not select the multiple addresses when asked what type of service application are you submitting for.



SagesGov

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Manager W/WW
Development**

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Miscellaneous

- **Pre-Construction Meeting Requests**
 - Make sure your contractor's license is on file in Sages OR include it as an attachment in your request
- **As-Builts**
 - All project utility asbuilts need to be supplied
- **Pre-Acceptance Letters**
 - For SJC projects only
 - Used for pulling building permits, not getting meters

Acceptance Packages

- Electronic Signature-Engineer
- Schedule of Values
 - Verify that your entries match asbuilts
 - JEA or Owner Participation
 - Dollar amount, not percentage-this totals at the bottom of the application



**Deanna Davis,
Manager W/WW
Development**

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Water / Wastewater Planning & Development

Deanna Davis,
Manager W/WW
Development

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Time Lines

- Availability Letter Response Times
 - 10 Business Days
- Plan Review Response Times
 - 15 Business Days/10 Business Days
- Revisions
 - 5 Business Days
- As-Built Review Response Times
 - 10 Business Days/5 Business Days
- Intake Cut-Off Time - 2pm Daily

W/WW Environmental Self Permitting

Justin Wright
Environmental Technician

Self – Permitting Program Overview

Top Disapproval Reason in SAGES

- Signature and Seal Conformity
- Mismatched Flows
- Wrong Permit Type
- Supporting Documents



Justin Wright,
Environmental
Services

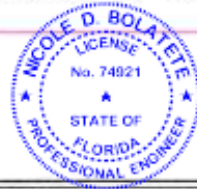
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Self – Permitting Program Overview

Signature and Seal Conformity

project does not include installation of any new u
ducts or other contaminates at concentrations e



Digital Signature

Nicole D. Bolatete, P.E.

2020.11.06 15:20:21 -

05'00'

seal

-Thims & Miller, Inc.

Augustine Rd.

This document has been digitally signed
and sealed by Nicole D. Bolatete, P.E. on
the date adjacent to the seal.

Printed copies of this document are not
considered signed and sealed and the
signature must be verified on any
electronic copies.

28990

Fax. No.:

Email

Environmental

Justin Wright,
Environmental
Services

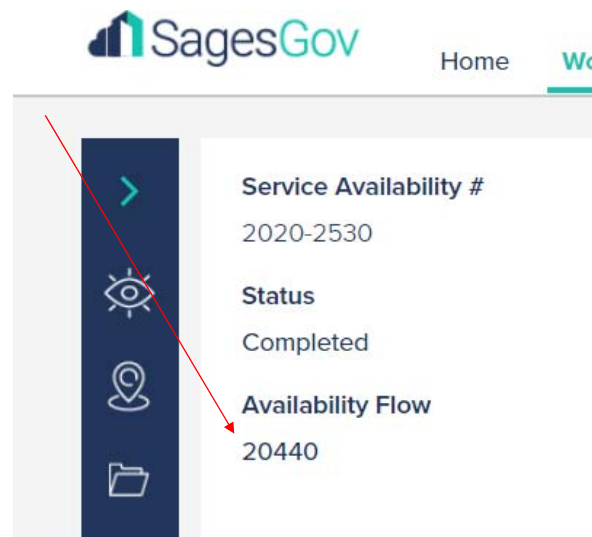
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Self – Permitting Program Overview

Mismatched Flows

- Flows being requested on all applications must match both between the applications and SAGES.



demands for Proposed Altered/New Di

Water rvice	D = Total Average Daily Water Demand (Columns B x C for Residential Service Connections)	E = Day
	20440	40880
	20440	40880

ion of Method Used to Estimate Average Day

Environmental

Justin Wright,
Environmental
Services

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Self – Permitting Program Overview

Permit Determinations

- JEA
 - Pipe sizes less than 12 inches and within Duval County
 - Multiple meters or one meter serving more than one building
 - Proposed JEA manholes or pump stations



Justin Wright,
Environmental
Services

September 2021



Self – Permitting Program Overview

Permit Determinations

- FDEP/EQD
 - Pipe sizes greater than 12 inches within or outside of Duval County
 - Presence of any private sewer infrastructure
 - Private life station rehabilitations



Justin Wright,
Environmental
Services

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Self – Permitting Program Overview

Supporting Documents

- If you have more recent BACTs than what is available on Inspection Requests make sure you upload them with your COC
- 60 day validity period starts on lab date and not on review date
- Sample points on every stub and every 1000LF of piping
- Pressure tests don't expire



**Justin Wright,
Environmental
Services**

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Self – Permitting Program Overview

Outstanding recent and upcoming changes

- New agreement with FDEP on Private/Public pages
 - All public infrastructure is assumed owned by JEA from this point forward
 - This means that JEA will no longer sign public page 10's and page 2's, only the private pages



Environmental

**Justin Wright,
Environmental
Services**

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Self – Permitting Program Overview

Outstanding recent and upcoming changes

- Upcoming change to permit length for JEA permits
 - JEA initial permit length will now be 5 years to parallel with the FDEP permit length
 - JEA reserves the right to issue a 2 year permit with possible extensions based on committed capacities
- September 2021



Justin Wright,
Environmental
Services

September 2021



W/WW Environmental Grease Separation

Zack Waldroup
Environmental Scientist

Grease Separation Device (GSD) Standards



Environmental

Zack Waldroup,
Environmental
Scientist

September 2021



- JEA standards have been created to simplify compliance for customers and better protect the JEA collection system
- Applies to both gravity grease interceptors and hydromechanical grease interceptors
- Process will mimic other reviews performed within Sages and be handled in parallel with other reviews to eliminate any additional time requirement
- Applies to all projects which include commercial food preparation and/or kitchens
 - Hospitals, schools, restaurants, butcher shops, coffee shops, etc.

Grease Separation Device (GSD) Review

- Reviews will be required for all new GSD within our JEA service territory
- Conducted in Sages via Step 3
- Documents required for review
 - Design plans drawings showing compliance with JEA standards
 - Plumbing schematics showing all grease waste lines connected to GSD and no sanitary connections
 - Sizing calculations which show compliance with JEA standards and the FL Building & Plumbing Code
 - Device certifications showing accreditation with ASME, CSA, and/or PDI (For hydromechanical devices ONLY)



Zack Waldroup,
Environmental
Scientist

September 2021





Environmental

Zack Waldroup,
Environmental
Scientist

September 2021



Grease Separation Device (GSD) Review

- Certificate of Use (COU) will be issued upon approval
- COU will provide pertinent information to regulating agencies, inspectors, and the customer

JEA
Certificate of Use – Grease Separation Device

DATE
BUSINESS NAME
EOR NAME
ADDRESS
CITY, STATE, ZIP

RE: Certificate of Use Approval Letter

Project Name: XXXXXXXXXXXXX
GSD Type: Hydromechanical or Gravity Interceptor
Max Flow Through Rate (gpm): XXXX
Number of Devices: XXXX
Volume of Devices: XXXX gal
Required JEA Pump-Out Frequency: 15, 30, 90 days
Notes: XXXX

Dear Customer:

This will serve to acknowledge receipt of certification that the subject project's grease separation device(s) have been reviewed and meet JEA standards. The device(s) will need to have a final inspection once installed. Please contact your Construction Inspector or Wayne Pope, (904) 665-8484, Construction Inspector Manager, when the device has been installed to schedule the final inspection.

Sincerely,
XXXXXXX
JEA Water & Sewer Permitting

Grease Separation Device (GSD) Inspection

- Inspections are required prior to project completion to ensure site conditions meet what was certified under COU
- Inspections will be conducted by JEA Inspectors
- Areas of focus will be:
 - Size of device(s)
 - Internal/External fixtures – tees, baffles, manhole covers, flow-restriction devices
- Please attend the environmental breakout session to discuss further or email us at FOG@jea.com for any questions



Zack Waldroup,
Environmental
Scientist

September 2021



W/WW Inspection

Wayne Pope
Manager, Construction



Wayne Pope,
Manager Construction

September 2021



Pre-Construction Meeting

- To Request a meeting: Please Log into Sages
- Select Step 4 in Sages; Insert Project Availability Number and submit;
 - Fill in information required: For additional information please select the help guide - How to Videos; review Step Four
- Must have meeting PRIOR to any utility installation

Step Four

Your availability number and approved plans will be required for any of the functions completed in the training videos linked below. Additionally, as applicable, items listed below will need to be completed prior to accessing Step 4:

1. Approved Permits
 2. Approved Shop Drawings
 3. Temporary Construction Easement Request (TCE)
- [How to Submit a Pre-Construction Meeting Request](#)
 - [How to Submit an Inspection Request](#)
 - [How to Submit an As-Built](#)
 - [How to Submit a Permit COC](#)
 - [How to Submit a Pre-Acceptance Letter Request](#)



Water / Wastewater Inspection

Wayne Pope,
Manager Construction

September 2021



Activities to schedule with Inspector; all requests are made through Sages

- Wet taps
- Cutting in MJ tees, sleeves or valves
- Tie-in to existing manholes; MH coring
- Force main tie-in to JEA manhole
- Flushes
- Outages (requires time to run simulation prior to outage to make sure that valves are in working order)



Water / Wastewater Inspection

Wayne Pope,
Manager Construction

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Activities to schedule with Inspector; all requests are made through Sages

- Additional Testing (Bac-T, Pressure, locate wire) *There has been an update made to Sages to help with requesting a locate wire inspection.
- Wet Well Installation
- Lift Station (Pre-Start Up / Final Start Up)
- Horizontal Directional Drills (Provide fusion reports)
- Final Walk

W/WW Standards GIS

Bill Kirk
Manager, GIS Systems



GIS Standards

Bill Kirk,
Manager GIS Systems

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GIS Standards

- No significant updates to Section 501 for 2022
- Full Standards Manual & Checklist – www.jea.com
 - Click Engineering and Construction
 - Water and Wastewater Standards
 - Water and Wastewater Standard Manual and Checklist
 - Clickable PDF download
- Section 501 covers requirements for As-Built Drawings
 - All submitted As-builts must be uploaded to Sages



GIS Standards

Bill Kirk,
Manager GIS Systems

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GIS Standards

- As-Built Drawings: Most Frequent Deficiencies:
 - Table Submittals-please use excel & original table format
 - Tables are shown in 501, and downloadable from jea.com
 - Coordinates – double check for accuracy
 - If X/Y values are wrong, the equipment is not located correctly
 - Ownership Transition Point
 - Must be labeled at point where “JEA” equipment becomes “Private”



GIS Standards

Bill Kirk,
Manager GIS Systems

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GIS Standards

- Points of Connection
 - If Equipment must be labeled and called out at as POC to existing infrastructure (See section II.1.20 of Standard Manual).
- Easements
 - All easements displayed and labeled, with RE# and OR Book & Page

W/WW Standards

Casey Nettles
Manager, W/WW System Assets

Water/Wastewater Standards Updates

W/WW Standards

Casey Nettles,
W/WW Standards

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- Pump Station Details
 - Slope site concrete 1" per 8' to drain towards street or other adjacent city or JEA owned drainage facility. Driveway slope shall be less than 6% unless specifically approved by JEA.
- Pump Station Pony Pump Suction Pipe Moved to Above Grade
 - Safety and Resiliency Improvement Item

Water/Wastewater Standards Updates



Casey Nettles,
W/WW Standards

September 2021



- Class 1 Pump Station Site Size Increase to 45'x45'
 - Safety and Equipment Conflict Improvement Item
- Pump Station Wet Well Cover Cable Chase Modification
 - Safety Improvement Item

Water/Wastewater Standards Updates

W/WW Standards

Casey Nettles,
W/WW Standards

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- Section 350 VI.4.1 Correction-Language Removal
 - Removed reference to Fridays and Mondays considered successive
- Section 501 As-Built Drawings
 - Meters and Meter Boxes – Proposed size of meter to be installed in the meter box shall also be indicated adjacent to the meter box or meter box notes and listed on the meter box table.



W/WW Standards

Casey Nettles,
W/WW Standards

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Water/Wastewater Standards Updates

- Additional items can be viewed on JEA.COM Water Wastewater Standards page under the link titled *Summary of Major Changes*

Standards manuals available online and hard copies can be purchased online and picked up at any FedEx location

W/WW Pre-Service

Janie Smalley
Manager, Small & Midsize
Commercial Accounts

Victor Blackshear
Manager, Financial Planning
& Rates

Water/Sewer/Irrigation Services



Water Sewer Preservice Application Processing

Janie Smalley,
Water/Sewer Pre-Service

September 2021



- Application Process
 - Customer: Submits Application
 - Pre-Service: Reviews Application
 - Pre-Service: Accepts / Returns for Correction
 - Customer: Submits Payment and Uploads Receipt
 - Pre-Service: Processes Application and Requests Meter Installation
- Application Processing Time *Depending on volume*
 - Current Processing Time: up to 10 business days

Volume of Service Applications

Residential & Commercial	FY18	FY19	FY20
Total	9,930	11,153	12,039
Duval	4,459	5,388	6,446
St. Johns	4,441	4,844	4,797
Nassau	771	925	788
Clay	278	46	8

 **Water Sewer Preservice
Volume**

**Janie Smalley,
Water/Sewer Pre-Service**

September 2021



Water/Sewer/Irrigation Services

- Application Enhancements
 - Application Handbook for SagesGov
 - Address Search Feature
 - Deferred Billing Program
 - Additional Pre-Service Team Members



**Water Sewer Preservice
Application Processing**

**Janie Smalley,
Water/Sewer Pre-Service**

September 2021



Application Requirements

- Service Availability Number
- JEA Account Number
- County Issued Address
- Site ready for service according to [JEA's Rules and Regulations](#)
- Package Acceptance, if applicable



Water Sewer Preservice Application Requirements

Janie Smalley,
Water/Sewer Pre-Service

September 2021



Application Requirements Continued

- Submit application no more than 90 days prior to meter installation
- Payment required to process the application
- Connection delays over 90 days following application and payment are subject to cancellation and refund of fees paid
- Applications without an active service agreement are subject to both post-payment increases and applicable charges



Water Sewer Preservice Application Requirements

Janie Smalley,
Water/Sewer Pre-Service

September 2021



Capacity Fees



Water Sewer Preservice Capacity Fees

Janie Smalley,
Water/Sewer Pre-Service

September 2021



- Capacity fees and charges are one-time fees paid by builders or customers connecting to the system to recover the cost of capacity expansion. A large portion of our Capital Improvement Plan (CIP) is driven by growth and providing additional water, sewer, and/or reclaimed capacity. These projects are a direct indication of the cost to connect new customers.
- Current water and sewer capacity fees have been in place, unchanged, for the past 15+ years

Capacity Fees

- Based on feedback from stakeholders and conversations with the Northeast Florida Builders Association, JEA is focused on providing a transition into recommended fees over time to assist in absorbing the costs gradually beginning October 1
- Incremental increases every six months over two years



**Water Sewer Preservice
Capacity Fees**

**Victor Blackshear,
Financial Planning & Rates**

September 2021



Water Sewer Plant Capacity Fees

Victor Blackshear,
Financial Planning & Rates

Phase In Period & Fees
Subject to Board Approval

Water Plant Capacity Fees for Residential and Commercial

** Potable & reclaimed water considered the same for irrigation*

Effective Date	(10/01/21)	(04/01/22)	(10/01/22)	(04/01/23)
Charge per Gallon				
\$/gal	\$1.90	\$2.83	\$3.76	\$4.68
Water (without irrigation)				
¾"	\$475.00	\$707.50	\$940.00	\$1,170.00
1"	\$570.00	\$849.00	\$1,128.00	\$1,404.00
1 ½"	\$855.00	\$1,273.50	\$1,692.00	\$2,106.00
Water (with irrigation)				
¾"	\$380.00	\$566.00	\$752.00	\$936.00
1"	\$475.00	\$707.50	\$940.00	\$1,170.00
1 ½"	\$570.00	\$849.00	\$1,128.00	\$1,404.00
Irrigation				
¾"	\$427.50	\$636.75	\$846.00	\$1,053.00
1"	\$617.50	\$919.75	\$1,222.00	\$1,521.00
1 ½"	\$1,330.00	\$1,981.00	\$2,632.00	\$3,276.00

Sewer Plant Capacity Fees for Residential and Commercial

Effective Date	(10/01/21)	(04/01/22)	(10/01/22)	(04/01/23)
Charge per Gallon				
\$/gal	\$9.12	\$14.60	\$20.08	\$25.57
Sewer				
¾"	\$1,824.00	\$2,920.00	\$4,016.00	\$5,114.00
1"	\$2,280.00	\$3,650.00	\$5,020.00	\$6,392.50
1 ½"	\$2,736.00	\$4,380.00	\$6,024.00	\$7,671.00

September 2021



Water Sewer Tap & Meter Fees

Victor Blackshear,
Financial Planning & Rates

Subject to Board Approval

Meter and Tap Fees are to recover the cost of the meter and tap materials and labor to sufficiently serve the maximum quantities of water and sewer permitted by the customers.

The associated costs include, but are not limited to, meters, modules, cable, piping and outdoor casing.

Proposed Fees (Setting Tap & Meter Fees equal to current cost)

Meter Size	¾"	1"	1 ½"	2"	3"	4"	6"	8"	10"
Meter Fee	\$300.00	\$320.00	\$1,010.00	\$1,150.00	\$7,340.00	\$7,530.00	\$11,490.00	\$17,210.00	\$24,160.00
Water Tap Size	1"	1"	2"	2"	3"	4"	6"	8"	10"
Water Tap Fee	\$1,360	\$1,360	\$1,770	\$1,770	Cost of the installation to JEA				
Sewer Tap									
Sewer Tap Fee	Greater of \$8,330 or Cost of Installation to JEA								

September 2021



Contacts

Contact Pre-Service for questions about

- Meter applications for **new** water, sewer, irrigation, hydrant meters, and fire line services and installations.

Water Sewer Preservice Contact Information

Janie Smalley,
Water/Sewer Pre-Service

Email waterpreservice@jea.com |
Phone (904) 665-5260 option 6 |
In-Person 21 W Church Street

September 2021



Contacts

Contact Customer Service to start services:

- New Residential service starts can be completed on line at jea.com, or call (904)665-6000 option 1.
- New Commercial service starts can only be completed by calling the Business Support Center at (904) 665-6250. For all other commercial customer service needs, please email commercialservices@jea.com



**Water Sewer Preservice
Contact Information**

**Janie Smalley,
Water/Sewer Pre-Service**

September 2021



W/WW Meter Services

Jody Godsey
Meter Specialist Foremen

Customer Meter Services

- Potable, Irrigation, Reclaimed, Chilled Water, Sewer Flow
- Installation maintenance and repair of water meters
- Water Meters 3/4" through 10"



Customer Meter Services

Jody Godsey
Water Meter Services

September 2021



Customer Meter Services

- Issues resulting in delay of installation

Residential & Commercial	FY18	FY19	FY20
Total	9,930	11,153	12,039
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Customer Meter Services

Jody Godsey
Water Meter Services

September 2021



Galvanized Pipe Program

Justin Sencer

Manager, W/WW Reuse Delivery &
Collection Maintenance Planning & Engineering

Galvanized Pipe Program

- Multi-decade program
- Modernize more than 1,000,000 LF of existing water mains to reduce service failures
- 16,296 LF replaced to date
- 12,813 LF under construction
- 24,088 LF in design
- 24,700 LF in survey



Justin Sencer,
W/WW O&M

September 2021



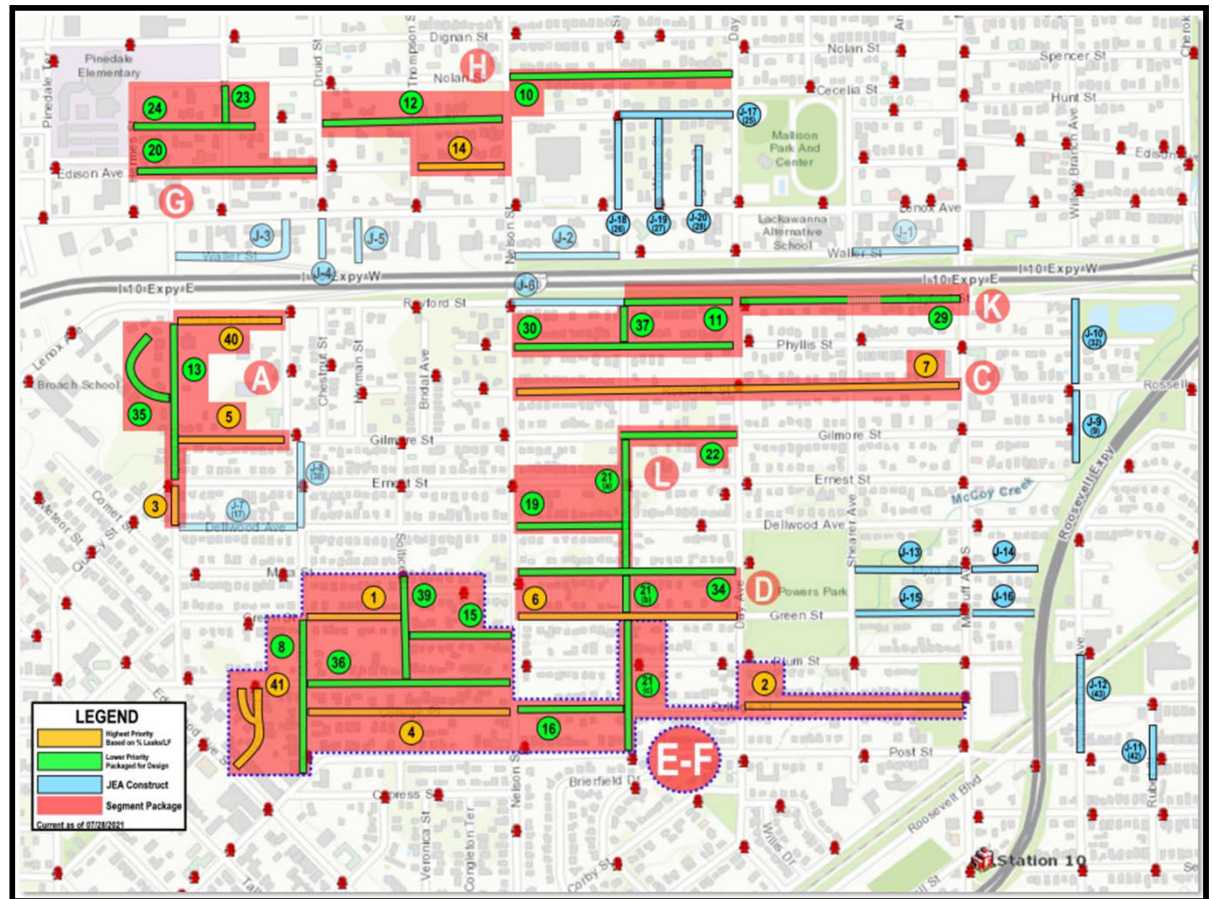
Galvanized Pipe Program

College St. Area – FY 22 to FY23

Water / Wastewater
Operations & Maintenance

Justin Sencer,
W/WW O&M

September 2021



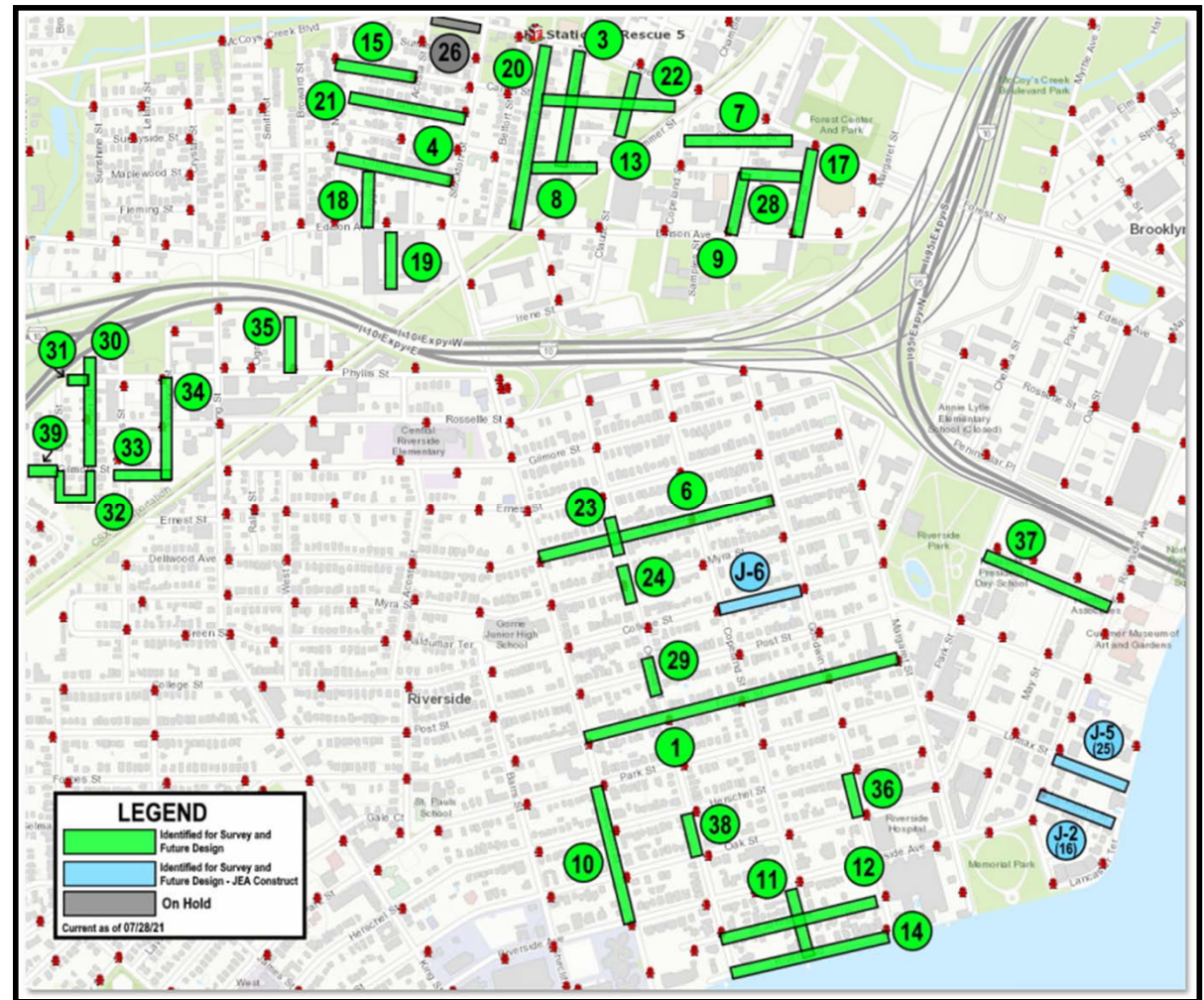
Galvanized Pipe Program

Forbes St. Area – FY 23 to FY25

Water / Wastewater
Operations & Maintenance

Justin Sencer,
W/WW O&M

September 2021



Galvanized Pipe Program

Project Selection Drivers

- Service failures identify mains:
 - Main breaks
 - Poor pressure
- Identified mains are prioritized by:
 - COJ Paving / Resurfacing Projects
 - Customer density
- 17,000 LF / yr at Current Funding



Justin Sencer,
W/WW O&M

September 2021



Closing Remarks

Robert Zammataro
Director, W/WW Planning & Development

Breakout Sessions

Electric
Pre-Service
SagesGov

W/WW Development
W/WW Environmental
W/WW Infill
W/WW Standards
W/WW Inspections