



Public Works Monthly Executive Summary June 2025

Street and Stormwater Department

During the month of June, The Street Department has been busy throughout the city. Additional activities included:

- Assisted contractor with playground improvements at VFH Park. FRDAP Improvements.
- Clean storms drain City Wide.
- 2 Critter removal from City streets.
- Set up for traffic control for Food Truck Friday and provided trash removal and restroom cleaning June 6th.
- Setup for traffic control for Third Saturday Market in the Park, June 21st.
- Assisted Contractor with basketball court resurfacing. Also installed benches and picnic tables. FRDAP Improvements.
- 3 silt fence inspections

The Street Department completed **43** additional work orders that pertained to street and stormwater issues.

Parks and Right-of -way Department

During the month of June, the Parks Department mowed, trimmed, and edged all areas one time including the DOT rights-of-way, City Parks, and FCT property. Additional activities included:

- Maintained DOT ROW's and City rights-of-way.
- Prepared our Spring Park for Food Truck Friday, June 6th.
- Prepared City Hall for Third Saturday Market in the Park, June 21st.
- Daily inspections of park equipment.

The Parks Department completed **1** additional work order outside of their normal daily work schedules.

Equipment Maintenance

The Equipment Maintenance Shop, as always, works hard to keep the equipment and vehicles going so the city can continue to provide our citizens with the exceptional service they are accustomed to. During the month of June, John and Tony completed **93** work orders.

Tradesworker

During the month of June **23** work orders were completed.

Solid Waste Department

Cove Life, Litter Cleanup Program & New Services:

- Picked up everything around the rollout cans.
- Picked up as much loose trash, palm fronds, and sticks as possible on the streets, along the R.O.W. and ditches regardless of if it is near a container or not.
- Delivered 3 trash cans and 3 recycle bins to new customers.
- Delivered 2 recycling bins to current customers.
- Repaired 6 trash cans.
- Replaced 30 trash cans.

This month **June** the city collected:

- **307.38** tons of Class I garbage (9 % decrease)
- **1.07** tons of recycling (24% decrease)
- **122.35** tons of yard waste (13% increase)
- **0 tons of Sludge**
- **8.8 Street Sweepings**
- **18.89** tons of white goods and other junk
- **70 tons Commercial pickup**

For comparison during **June 2024**, the city collected:

- **334.81** tons of Class I garbage
- **1.41** tons of recycling
- **108.39** tons of yard waste
- **52.21 tons of sludge**
- **18.16** tons of white goods and other junk
- **70 tons** Commercial pickup

Water/Wastewater

- W/WW crews/management had personal interaction with several citizens regarding water/sewer issues.
- Contacted all customers on water and irrigation “Highest Users” report that had unusual consumption (not usually on report)
- Staff continues to refine the scope and financials of the consolidated AWWTP, expanded reclaimed water system, wastewater collection system improvements and water system capital improvements to obtain maximum grant potential, optimize loan conditions and minimize impact to customers.
- W/WW/RW Projects;
 - Design of the improvements to the city’s wastewater treatment system (all phases) is complete. Following the city’s Wastewater and Reclaimed Water Master Plans the following projects have been completed, initiated or designed / permitted.

- Harbor Road WWTF Phase I:
 - Construction of the on-site reclaimed water system (storage tanks, high service pumps, electrical) at the existing Harbor Road Facility, and rehabilitation of Master Lift Stations #2 and #4. **Construction was completed in June 2020.** The total Phase I cost was \$6,120,600. Staff received \$4,063,425.00 in “Principal Forgiveness” (grant) from FDEP (SRF).
 - Harbor Road WWTF Phase II:
 - Construction of the new 1.25 million gallon per day (MGD) advanced wastewater treatment plant (AWWTP) at the Harbor Road site. **New plant online June 2025.** The total Phase I cost was \$15,500,000. Staff received \$6,000,000.00 in “Principal Forgiveness” (grant) with \$4,500,000.00 from FDEP (SRF) and \$1,500,000.00 from SJRWMD (Cost Share).
 - Harbor Road / South WWTF Phase III:
 - A new force main from Lift Station #2 diverting the sewage from the South Plant to Harbor Road (all sewage generated in the City will be treated at the new Harbor Road AWWTP).
 - Decommissioning and “mothballing” of the South Wastewater Treatment Plant. The permit will remain in place and the plant could be re-commissioned later depending on future activities at the Reynolds site.
 - Harbor Road WWTF Phase IV (future – determined by growth):
 - Construct a second identical 1.25 MGD AWWTP built at the Harbor Road site and additional reclaimed water infrastructure. An alternative would be construction of this train at the South Plant site in Reynolds Park if the southern /Reynolds portion of our service territory is where significant growth occurs
 - Harbor Road WWTF Phase V (future – determined by growth):
 - Construct a third identical 1.25 MGD AWWTP built at the Harbor Road or Reynolds site.
- The Sanitary Sewer Evaluation Survey (cleaning and videoing) of the Core City wastewater collection system is **complete**. Staff utilizes this data daily in evaluating collection system repairs and requests for sewer connections.
- Continuing to work with FDOT and Clay County on utility relocations associated with the First Coast Expressway and Clay County Road expansions (CR 315 & CR 209 / Russell Road).
- **Senate Bill 64 – Surface Water Discharge Elimination Act:** In 2021 the Florida Senate signed into law Senate Bill 64 (SB64) - the Surface Water Discharge Elimination Act. This law requires wastewater treatment plants to eliminate surface water discharges by 2032, which has become a significant financial burden to utilities. This requires the city to eliminate effluent discharge from the Harbor Road and South wastewater treatment plants to the St. Johns River. While the city has been implementing reclaimed water projects for several years, there are not enough uses to take all the city’s treated wastewater.

In 2021 the city evaluated all options to comply with SB64. There are only three viable options – expand reclaimed water within our system, send reclaimed water to a neighboring utility that has additional capacity needs or deep well injection. As of 2024 the only option is to expand reclaimed water in the city’s service territory. Discussions continue with neighboring utilities.

In November 2021, as required by law, the city submitted to FDEP the plan to comply with SB64, which is to construct reclaimed water infrastructure in the Magnolia Point subdivision. Current irrigation use in the subdivision is approximately 80 million gallons per year. Design and permitting of this project is currently underway.

Potable Water:

- Staff completed a full review of the future capital needs of the water system. A comprehensive capital improvement program (CIP) has been developed as part of the Water Master Plan. As in the past, the timing of many of these improvements is driven by future activities in Reynolds Industrial Park and other areas of our service territory. Design and permitting of several of the CIP improvements are complete so the city will be ready to initiate construction. Projects are listed by plant / territory below.
 - South Service Territory / Reynolds Water Treatment Plant:
 - Upgrade electrical, disinfection and pumping systems.
 - Rehabilitate existing ground storage tanks (GST) and construct one new GST.
 - Replace two existing wells.
 - Expand water mains to create a “loop” around the entire service territory.
 - North Service Territory / Harbor Road Water Treatment Plant:
 - Upgrade electrical, disinfection and pumping systems.
 - Construct a new GST.
 - Upgrade interconnect systems which allows either treatment plant to support the whole city should one plant fail.
- Continued preventative maintenance on all treatment facility generators.
- Completed 6 new services.
- Completed 77 water-related work orders.
- Completed 23 sewer related work orders.
- Responded to 116 utilities locate requests.

TOP 10 WATER CUSTOMERS JUNE 2025

Largest (By Consumption)		Largest (By Dollar Amount)	
Rank	CONSUMER	Rank	CONSUMER
1	St Johns Landing	1	St Johns Landing
2	Sheriff’s Department	2	Sheriff’s Department
3	Oak Street OPCO LLC	3	Oak Street OPCO LLC
4	Luv Car Wash	4	Luv Car Wash
5	Kindred Health	5	Kindred Health
6	Clay Port INC	6	CCUA Rookery
7	Clay County Building	7	Clay Port INC

8	Dreh Holdings LLC
9	Governors Landing Codo INC
10	Premier Surface Deign LLC

8	Clay High
9	Dreh Holdings LLC
10	Clay County Building

TOP 10 IRRIGATION CUSTOMERS JUNE 2025

Largest
(By Consumption)

Rank CONSUMER

1	Mobro Marine INC
2	Magnolia Point Investments
3	Green Cove Springs Junior High
4	Clay County Court House
5	Sheriff's Department
6	Randall & Julie Dew
7	Permabase Building Products
8	Magnolia Point Association
9	Vallencourt Construction
10	Governors Point Yacht Club

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8	Magnolia Point Association
9	Vallencourt Construction
10	Governors Point Yacht Club

TOP 10 SEWER CUSTOMERS JUNE 2025

Largest
(By Consumption)

Rank CONSUMER

1	Sheriff's Department
2	St John's Landing
3	Oak Street OPCO LLC
4	Luv Car Wash
5	Kindred Health
6	Clay Port INC
7	Clay County Building
8	Dreh Holdings LLC
9	Premier Surface Design LLC
10	Clay High

Largest
(By Dollar Amount)

Rank CONSUMER

1	St John's Landing
2	Sheriff's Department
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6	Kindred Health
7	Clay Port INC
8	Clay High
9	Dreh Holdings LLC
10	Clay County Building

Wastewater Plant Capacity Status

South Plant: TMDL Capacity 0.350 MGD*,

- Current Loading 0.260 MGD*, 74% Capacity (May 2024 Annual Average)
- Current & Committed (.065) Loading 0.325 MGD*, 93% Capacity
- Current, Committed (.065) & Requested (0.0) Loading 0.325 MGD*, 93% Capacity

Harbor Road: Capacity 1.250 MGD*

- Current Loading 0.511 MGD*, 41% Capacity (May 2024 Annual Average)
- Current & Committed (0) Loading 0.511 MGD*, 41% Capacity
- Current, Committed & Requested (0) Loading 0.511 MGD*, 41% Capacity

*MGD = Million Gallons per Day

Note: No Reynolds growth or loading projections included in above.