

Public Works Monthly Executive Summary July 2026



Street and Stormwater Departments

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

- 2 silt fence inspections
- Clean storms drain City Wide
- 1 Critter removals
- Continued ADA Crosswalk improvements
- Provided barricades for the Third Saturday Market in the Park on July 18th.
- Set up for traffic control for Food Truck Friday and provided trash removal and restroom cleaning Friday, July 3rd
- City wide sidewalk grinding program.

The Street Department completed 38 additional work orders that pertained to street and stormwater issues.

Parks and ROW Departments

During the month of July 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:

- Clean storm drains City wide
- Prepared our Spring Park for Food Truck Friday, July 3rd
- Cove Life, Litter Cleanup Program
- Cleaned the pool 2 times and service the splash pad.
- City wide trimming of limbs on City Right-of-ways.

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

Equipment Maintenance

The Equipment Maintenance Shop continues to work diligently to ensure that all equipment and vehicles remain operational so the City can consistently provide the high level of service our citizens expect. During the month of July, Tony and John completed a total of **86 work orders**, demonstrating their continued commitment to maintaining the City's fleet and equipment in reliable working conditions.

Tradesworker

During the month of July **22** work orders were completed.

Solid Waste Department

Cove Life, Litter Cleanup

- Picked up loose trash, palm fronds, and sticks from streets, rights-of-way, and ditches, regardless of whether they were near a container.
- 12 trash cans delivered to new customers.
- 2 trash cans repaired.
- 29 trash cans replaced.

This month, **July 2026**, the city collected:

- **351.63 tons** of Class I garbage (9.7 % decrease)
- **133.07 tons** of yard waste (3.7% Increase)
- **79.20 tons** of Sludge
- **0 tons** Street Sweepings
- **41.23 tons** of white goods and other junk
- **70.00 tons** Commercial pickup
- **Tires 0**

For comparison during **July 2025**, the city collected:

- **387.51 tons** of Class I garbage
- **128.17 tons** of yard waste
- **0 tons** of Sludge
- **0 tons** Street Sweepings
- **29.21 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.
 - Construction of a second 1.25 MG reclaimed water storage tank.
 - **Received funding approval from FDEP SRF loan program. Request for Pricing (formal bid) closes 9/3/2026**
- 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 and budgeting collection system repairs and evaluating requests for sewer connections.
- Continuing to work with FDOT and Clay County on utility relocations associated with the First Coast Expressway, Russell Road, and Clay County Road 315 expansion.

- **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, and there may be an opportunity to partner with Clay County Utility Authority.

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 complete.**

The city has reached tentative agreement with the Clay County Utility Authority (CCUA) to interconnect their reclaimed water distribution system with the city's. This option would interconnect the city's reclaimed water system CCUA's enabling them to reduce the number of customers utilizing potable water for irrigation. This would also enable the city to comply with Phase I of SB64 at a lower cost than the Magnolia Point Reclaimed Water System, which would become Phase II, depending on the reclaimed water usage through the CCUA Interconnect.

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.
 - **Currently on Hold**

- North Service Territory / Harbor Road Water Treatment Plant:
 - Upgrade electrical, disinfection and pumping systems.
 - Construct a new Ground Storage Tank.
 - Upgrade interconnect systems which allow either treatment plant to support the whole city should one plant fail.

The city has received an SRF loan / grant for this project. Requests for pricing (formal bid) closes 9/3/2026.

Work Orders:

- Completed 6 new services.
- Completed 50 water-related work orders.
- Completed 17 sewer related work orders.
- Responded to 186 utilities locate requests.

TOP 10 WATER CUSTOMERS JULY 2026

Largest (By Consumption)		Largest (By Dollar Amount)	
Rank	CONSUMER	Rank	CONSUMER
1	Sheriffs Department	1	Sheriff's Department
2	Luv Car Wash	2	Luv Car Wash
3	CCUA(Rookery)	3	CCUA(Rookery)
4	Premier Surface Design LLC	4	Oak Street OPCO LLC
5	Oak Street OPCO LLC	5	Premier Surface Design LLC
6	Kindred Health	6	Garber Realty Car Wash
7	Garber Realty /Car Wash	7	Kindred Health
8	Bannerman Learning Center	8	Clay High
9	Marissa & Phil Vetter	9	Bannerman Learning Center
10	Governors Landing Condo INC	10	Governors Landing Condo INC

TOP 10 IRRIGATION CUSTOMERS JULY 2026

Largest (By Consumption)		Largest (By Dollar Amount)	
Rank	CONSUMER	Rank	CONSUMER
1	CCUA(Rookery)	1	(CCUA)Rookery
2	Sheriff's Department	2	Sheriff's Department
3	Vallencourt Construction	3	Vallencourt Construction
4	Rookery Shopping area	4	Rookery Shopping area
5	Permabase Building Products	5	Permabase Building Products
6	Magnolia Point Investments	6	Mobro Marine INC
7	Mobro Marine INC	7	Magnolia Point Investments
8	Clay County Port INC	8	Clay County Port INC
9	Tony Seago	9	Coral Ridge Foods
10	Coral Ridge Foods	10	Tony Seago

TOP 10 SEWER CUSTOMERS JULY 2026

Largest (By Consumption)		Largest (By Dollar Amount)	
Rank	CONSUMER	Rank	CONSUMER
1	Sheriffs Department	1	Sheriffs Department
2	St Johns Landing	2	St Johns Landing
3	Luv Car Wash	3	Luv Car Wash
4	CCUA(Rookery)	4	CCUA(Rookery)
5	Premier Surface Design LLC	5	Oak Street OPCO LLC
6	Oak Street OPCO LLC	6	Premier Surface Design LLC
7	Kindred Health	7	Garber Realty/Car Wash
8	Garber Realty/Car Wash	8	Kindred Health
9	Bannerman Learning Center	9	Clay High
10	Marissa & Phil Vetter	10	Bannerman Learning Center

Wastewater Plant Capacity Status

South Plant: TMDL Capacity 0.350 MGD*,

- Current Loading 0.249 MGD*, 72% Capacity (June 2026 Annual Average)
- Current & Committed Loading 0.249 MGD*, 72% Capacity
- Current, Committed & Requested Loading 0.249 MGD*, 72% Capacity

Harbor Road: TMDL Capacity 1.250 MGD*

- Current Loading 0.542 MGD*, 43% Capacity (June 2026 Annual Average)
- Current & Committed (0) Loading 0.542 MGD*, 43% Capacity
- Current, Committed & Requested (0) Loading 0.542 MGD*, 43% Capacity
- **April Monthly Average Flow: 0.542**
 - * Flow to River: 0.00 MGD
 - * Reclaimed Water Flow: 0.542
 - * **Percent Reclaimed Water: 100%**

Hauled Waste:

- Received: 7,600 gallons
- Revenue: \$7,600.00

*MGD = Million Gallons per Day

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