



September Utilities Department Report

To: Brian L Barroso, City Manager

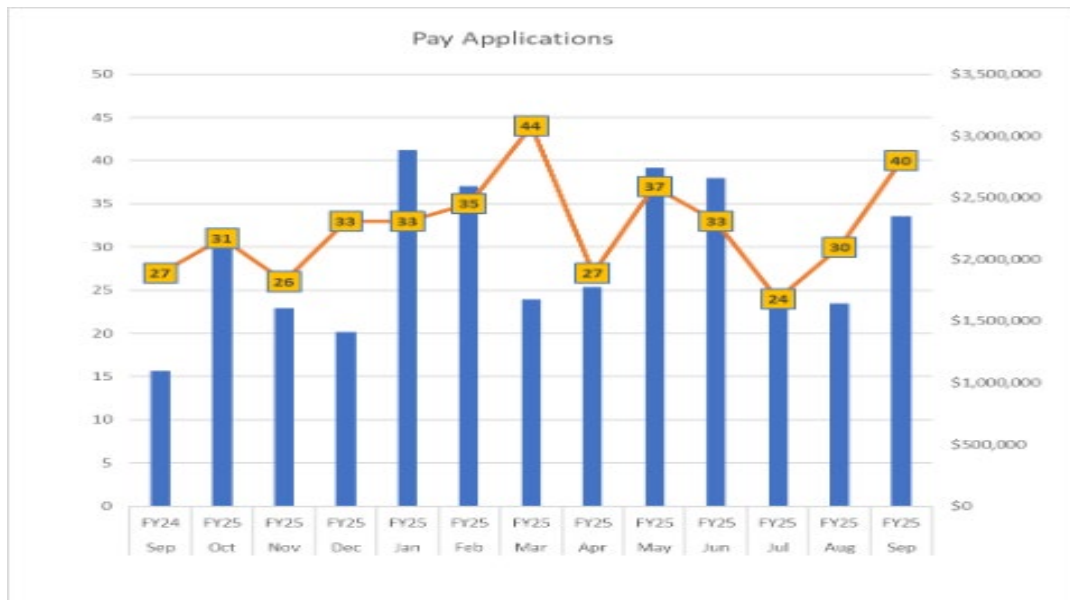
Date: October 7, 2025

From: Matt Willman, Utilities Director

Subject: September Report 2025

Administrative

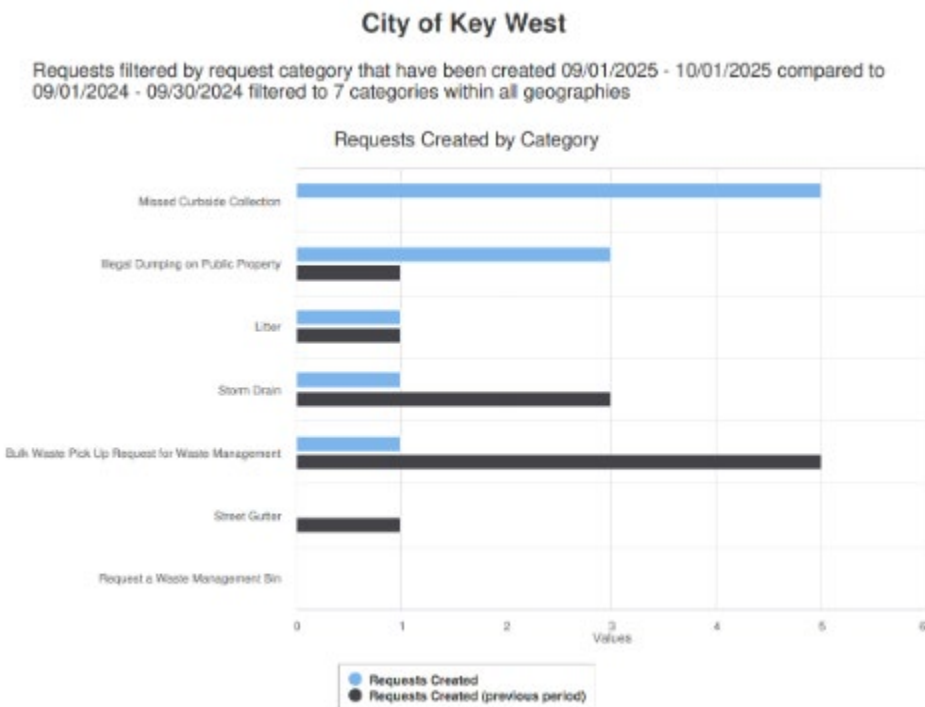
- Pay Apps Processed: 40 for \$2,348,015



- Purchase Requests Submitted: 3 for \$26,953



- Issues Resolved-Click Fix 11 of 11 resolved to date (all categories)



- Back Utility Fees Assessed/Collected: \$578,649 Assessed / \$262,403 Collected
- Undiscovered Sewer Base Charges recognized: EDUs 0 @ \$27.51 = \$0/month
- Add or Re-assess new parcels: 2 @ 357.59 = \$957.80/year

Solid Waste

- Waste Hauled
 - Municipal Solid Waste: 2897 tons
 - Recycling: 331 tons
 - Yard Waste: 469 tons
 - Construction and Demolition: 5 tons
 - Metal: 45 tons
 - Leachate: 71 tons
- White Goods: 105 items collected
- Free Bulk Pick Ups by Waste Management: 220 locations
- Charged Bulk Pick Ups by Waste Management: 45 locations
- Tonnage of bulk picked up by Waste Management: 201 tons in 75 vehicle trips
- Bulk Pick Ups by Public Works: 54 billable tons in 53 vehicle trips
- Extra Pick Ups: 27 unbillable tons
- Carts Delivered: 35
- Carts Repaired: 0
- Cart Exchanges: 12
- Commercial Recycling Participation Rate: 50%
- Solid Waste related code cases opened: 98
- Solid Waste code cases closed: 95

Recycling Update:

- Continued work with Montessori composting
- Began communications with Sigsbee 4th grade science classes
- Researched ways to recycle outdated Kevlar, Tasers, and police radios for KWPD
- Advanced oyster shell recycling initiative—secured location, sought transportation methods/fencing
- Wrapped up Skip the Stuff initiative
- Promoted Ocean Friendly Restaurants to Skip the Stuff participants
- Worked with Reef/Dorian on cigarette butt bins throughout the city
- Created recycling audit list for Waste Management
- Delivered recycling presentation to 4th grade science classes at Sigsbee
- Delivered 70 stuffed Waste Management bags to the Lofts for dispersal to new tenants
- Researched how to recycle pad-mounted transformers for the Engineering department
- Repurposed 3-gallon buckets
- Attended Titan America presentation on diverting waste from landfills
- Created a recycling guide for special event coordinators and vendors
- Created “Which Bag Should I Use” flyer
- Conducted site visit to Fertile Earth Farm

Sewer/Storm/GIS/Solid Waste:

- Took possession of B&A 6" portable emergency backup pump.
- Held kickoff design meeting for Pump Station J Rehabilitation.
- Installed new access gate for Poinciana drainage easement maintenance.
- Replaced valves, pressure sensors, and transmitter at Wellhead #1; calibration of receiving equipment underway.
- Provided procurement target dates to Finance for WWTP operation/maintenance contract, deep well MIT and permit renewal, and operating permit renewal.
- Developed mangrove trimming plan for Poinciana Canal near Santa Clara Condominiums.
- Reviewed and commented on PE Pump Replacement 60% design submittal.
- Participated in regular internal and interagency meetings.
- Submitted annual address update report to Florida Department of Revenue.
- Met with financial consultant Raftelis regarding potential amendment to sewer base average (3600 → 3200 gallons).
- Delivered Certified Non-Ad Valorem Assessment Rolls to Monroe County Tax Collector.
- Audited Solid Waste customers in downtown commercial core for proper service levels.
- Evaluated and scored Water Quality proposals.
- Met with South Florida Water Management District staff regarding early 2000s consent order.
- Coordinated with Lt. Foster on continued USCG base sewer infrastructure improvements.
- Met with S FL Water Management District Staff regarding early 2000's consent order.
- Met with FCAA staff to discuss repair solutions in Navy/Sigsbee sewer infrastructure.

The following publication is distributed across Jacobs Corporation worldwide and highlights the Key West team for its exceptional attention to unique service requests:

Places

Moonlight mission: Rescuing disoriented sea turtle hatchlings in Florida

It all started with a Saturday morning phone call in late June. Wildlife rescuers in Key West discovered dozens of new/ their well-known nesting area near Smathers Beach. The hatchlings, drawn to artificial lights instead of the moonlit ho

A call for help

Wastewater Operator Damien Alvarez and Stormwater Operator Henry Masters were called in to help. *"The average person can't lift storm drain grates — they weigh about 100 pounds," explains Damien. "We were happy to lend a helping hand," Henry chimes in.*

Working alongside the Key West Wildlife Center, Save-A-Turtle volunteers and local police, our team used flashlights to mimic moonlight and guide the hatchlings toward safety. "Once they're in the storm drain pipes, it's a waiting game," says Damien. "We watch for air bubbles, then scoop them up when they surface," details Henry.



Why the lights confuse them

Loggerhead hatchlings naturally crawl toward the brightest horizon — usually moonlight over the ocean. Streetlights, porch lights and even car headlights can attract them in the wrong direction.

Each year, from April 15 to Oct. 31, female loggerheads return to the beach to lay their eggs — about 100 per nest. Only about one in 1,000 hatchlings survive to adulthood, making rescues like these critical to their survival.

A community effort beyond our duties

While our primary role in Key West is operating the 10-million-gallon-per-day Richard A. Heyman Environmental Pollution Treatment Plant, we are also committed to supporting our neighbors.

"We're proud to play a small part in giving these turtles a better chance at life," declares Project Manager Richard C.



From hatchlings to homecomers

While these tiny travelers now have a fighting chance, their journey is just beginning. Loggerheads can live for over 50 years, grow to over 300 pounds and may someday return to the very beach where they hatched to lay eggs of their own. In a few decades, these rescued hatchlings might be back in Key West, starting the cycle all over again.