

# Key Largo Wastewater Treatment District Board of Commissioners Meeting Agenda Item Summary

Meeting Date:  
April 21, 2026

Agenda Item Number: N-1

Action Required:  
No

Department:  
Capital Projects

Sponsor:  
Rob Mather

Subject:  
**Capital Projects Report - March 2026**

Summary:  
Mr. Mather will present the Capital Projects monthly report.

**Reviewed / Approved**

**Financial Impact**

**Attachments**

Operations: \_\_\_\_\_  
Administration: \_\_\_\_\_  
Finance: \_\_\_\_\_  
District Counsel: \_\_\_\_\_  
District Clerk: \_\_\_\_\_  
Engineering: \_\_\_\_\_

\$  
  
Funding Source:  
N/A  
  
Budgeted:  
N/A

1. Monthly Report

Approved By:  Date: 04/16/2026  
General Manager

# Key Largo Wastewater Treatment District Capital Projects Report

Including updates through March 2026

## Current Capital Projects

Project	Original Contract Amount	Current Contract Amount (Including Direct Purchases, change orders and Amendments)	Engineering And Other Cost (Anticipated)	Total Project Cost (Anticipated)
Effluent Filtration Upgrades (LPA0243)	\$ 3,043,820.00	\$3,343,823.76	\$505,000.00	\$3,848,823.76
	Engineering Paid to Date	Construction Paid to Date	Balance to Complete (Anticipated)	Percentage Complete (Based off current processed pay applications)
	\$490,273.75	\$2,882,800.16	\$475,749.85	88%

**Start of Contract:** 5/18/2023  
**Substantial Completion Date:** 6/17/2025 (755 Days)      **Project on Schedule?:** No  
**Current Time Extensions to Contract:** 395 Days  
**Funding Source:** FDEP Stewardship (LPA0243)

**Project Updates:**

- Evoqua submitted their Final Inspection Report Summary on July 18th, attributing the corrosion issues to process/reuse water and stagnant conditions rather than workmanship.
- WEC/KLWTD and Reynolds prepared and sent a response rejecting Evoqua’s conclusions.
- The filter was delivered to the KLWTD WWTP site on March 13<sup>th</sup> and was set in place and attached to the existing piping network. Electrical work and connections continued throughout the next few weeks.
- Drain pipe connections were made to the existing overflow/backwash line with an upsized saddle tap to accommodate the extra drains installed during the repair process.
- The Disc Filter start-up was scheduled for the week of April 27<sup>th</sup>. Considerable work is required from Reynolds before the project closeout process can be completed such as coatings, drain routing, Pipe hydrostatic testing, I&C testing, and as-builts for the complete project.
- Reynolds, WEC staff, and KLWTD staff attended a meeting to discuss the start-up of the filter on March 30<sup>th</sup>.

Project	Original Contract Amount	Current Contract Amount (Including Direct Purchases, change orders and Amendments)	Engineering And Other Cost (Anticipated)	Total Project Cost (Anticipated)
Collection System Monitoring (LPA0424)	\$7,575,677.00	\$9,689,555.24	\$1,060,000.00	\$10,749,555.24
	Engineering Paid to Date	Construction Paid to Date	Balance to Complete (Anticipated)	Percentage Complete (Based off current processed pay applications)
	\$1,059,043.50	\$8,782,949.21	\$907,562.53	92%

**Start of Contract:** 7/26/2022  
**Substantial Completion Date:** 4/22/2026 (1,399 days) **Project on Schedule?:** Yes  
**Current Time Extensions to Contract:** 609 days  
**Funding Source:** Combination of USACE & FDEP Stewardship (LPA0424)

**Project Updates:**

- Work is completed in Basins A, B, C, D, F, G, H, I and JK.
- Sensor installation is 100% complete (Note: This is only sensors and does not include other aspects of the project). Walkthroughs and final completions have been completed for all basins.
- Valve rebuilds continued ~ 3,000 rebuilds completed.
- IVC and Flovac have completed installation of the vacuum monitoring system across all 2,967 vacuum pits and buffer tanks. Final completion documentation was finalized in January and provided to KLWTD.
- The only remaining construction items are the low-pressure and high-pressure monitoring on the grinder pumps and force mains, respectively.
- The Grinder Pump/Low-Pressure monitoring is progressing well with approximately 152 monitoring sensors installed so far for the project.
- Flovac began installation of the force main/high-pressure monitoring system. Initial equipment installation and programming were completed in late December, acting as a trial unit for the installation and monitoring.
- Throughout March, KLWTD scheduled multiple meetings with Apex staff to discuss the locations and possible field variations to the locations given to the Contractor. KLWTD suggested revised locations for multiple force main taps due to proximity to road, fittings, Heritage Trail, or crossings.
- The construction progress meeting was held on March 3<sup>rd</sup>, 2026 with KLWTD, WEC/APEX, and Flovac staff.

Project	Original Contract Amount	Current Contract Amount (Including Direct Purchases, change orders and Amendments)	Engineering And Other Cost (Anticipated)	Total Project Cost (Anticipated)
Power Conditioning and Electrical Upgrades at the WWTP (LPA0426)	\$2,670,450.00	\$3,209,145.53	\$530,000.00	\$3,739,145.53
	Engineering Paid to Date	Construction Paid to Date	Balance to Complete (Anticipated)	Percentage Complete (Based off current processed pay applications)
	\$528,798.80	\$2,261,109.25	\$949,237.48	75%

**Start of Contract:** 1/22/2025  
**Substantial Completion Date:** 07/08/2026 (532 days)      **Project on Schedule?:** Yes  
**Current Time Extensions to Contract:** 23 days  
**Funding Source:** Combination of FDEP Stewardship (LPA0426) & R&R

**Project Updates:**

- Exterior conduit installation is about 99% complete, supporting power, signal, and camera systems serving plant equipment and instrumentation throughout the facility (including SBR/digester areas, Post EQ tank area, CCC platform, and other site infrastructure).
- Construction activities focused on wire pulling, device-by-device re-routing, and terminations, with continued installation and termination of digital and analog control wiring into DCU1 and the second-floor MCC/electrical room cabinets (including decanter and waste sludge pump controls).
- Electrical room modifications continued, along with coordination on major equipment procurement including the voltage regulation transformer, and continued correspondence with the Contractor on the status of the ATS shipment and delivery.
- Locations for all electrical room devices were finalized with the required NEC work spaces governing the locations of the SureVolt and ATS unit placement in the room.
- Inspection reports also documented open items and quality items including conduit fitting adjustments at certain GFCI locations, surface cleanup on walkways, and areas where wiring has been pulled but not yet fully terminated.
- The tentative delivery date for the SureVolt unit is Mid-July with the unit in production currently at the factory.
- Pedro Falcon, KLWTD and WEC/APEX staff attended the construction progress meeting on March 11<sup>th</sup> and 25<sup>th</sup>, 2026.

Project	Original Contract Amount	Current Contract Amount (Including Direct Purchases, change orders and Amendments)	Engineering And Other Cost (Anticipated)	Total Project Cost (Anticipated)
Vacuum Stations Odor Control (KG004)	\$4,009,141.26	\$4,009,141.26	\$400,000.00	\$4,409,141.26
	Engineering Paid to Date	Construction Paid to Date	Balance to Complete (Anticipated)	Percentage Complete (Based off current processed pay applications)
	\$274,643.50	\$2,803,727.18	\$1,330,770.58	70%

**Start of Contract:** 03/28/2025  
**Substantial Completion Date:** 08/18/2026 (525 Days)      **Project on Schedule?:** No  
**Current Time Extensions to Contract:** 195 Days  
**Funding Source:** Combination of FDEP Stewardship (KG004) & R&R

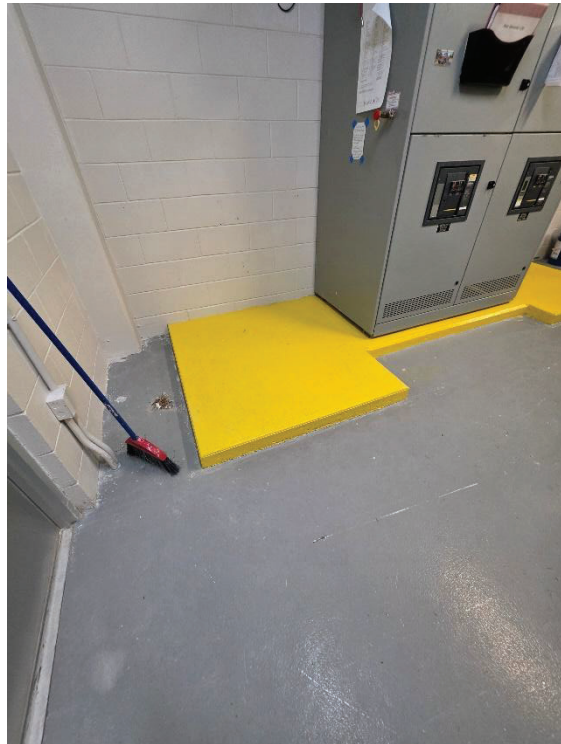
**Project Updates:**

- As of October 22<sup>nd</sup> all (6) sets of Odor Control Tanks arrived at their respective Vacuum Station; All tanks have been delivered in acceptable condition.
- Final connections have been completed at all Vacuum Stations. The new Odor Control systems are operational at all Vacuum Stations.
- Vacuum Station E effluent odor line drainage has been installed.
- Contractor has begun removal of existing Odor Control Systems.
- Contractor has started the site restoration including swale restoration, installation of sod and pea rock and touch up of interior areas.
- Contractor completed coating of concrete slabs at Vacuum Stations A, D, E, G, I, and J/K. Touch up coating work is expected to be completed in the following period.
- A time extension of 195 days has been granted via change order to allow for sufficient time to receive and install the new generators. Generators are expected to arrive at Vacuum Station A and D by the end of June 2026.
- Belle Construction, KLWTD, and Apex staff attended a progress meeting on March 12<sup>th</sup> and March 26<sup>th</sup>, 2026.

## Project Construction Photos



Figures 1 & 2: Flovac Valve Rebuild Trailer and Rebuilt Valve Rack



Figures 3 & 4: Concrete Equipment Pad for ATS and Disconnect Painted



**Figures 5 & 6: Pedro Falcon Workers Cutting Old Conduit Flush and Filling Them with Epoxy Cement**



**Figures 7 & 8: Disk Filter Fitting with Existing Piping Network**



**Figure 9 & 10: Site Restoration & #57 Stone Installed at Vacuum Station A & E**