

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

Meeting Date:

September 15, 2026

Agenda Item Number: K-1

Action Required:

No

Department:

Field

Sponsor:

Rudy Perez

Subject:

Field Report - August 2026

Summary:

Mr. Perez will present the Field monthly report.

Reviewed / Approved

Financial Impact

Attachments

Operations: _____

\$

1. Monthly Report

Administration: _____

Finance: _____

Funding Source:

District Counsel: _____

N/A

District Clerk: _____

Budgeted:

Engineering: _____

N/A

Approved By: _____

General Manager

Date: _____

9-10-26

Wastewater Field Operations

There were a total of **21 service calls** for the month of **August** of these **(7) were system-generated alarms**, mostly by low vacuum detection at a vacuum station. The system-generated alarms were addressed quickly by the field staff of those **(3) systems generated** were found using the **(FVMS) Flo Vac Monitoring System**. The report shown below details the remaining **(14) customer calls**.

Date	Address	Incident	Response	KLWTD Issue
8/3/26	95625 Overseas Hwy	A customer called stating that they were experiencing backup difficulties.	Upon Field Techs' arrival on site, they noticed that the red light was on, but the buzzard was silenced. Upon opening the lid, they found the sump full, and pump unresponsive. Pump was replaced with a rebuild and the old one was turned in for service.	YES
8/3/26	94620 Overseas Hwy	A Homeowner called in stating that her toilets were gurgling and were starting to backup.	Upon Field Techs' arrival on site, the grinder pump was functioning normally. The homeowner's clean-out was checked and found that the water was draining slowly; grinder pump was simulated. Homeowner was notified to call a plumber backup was on the private side. (HOMEOWNER ISSUE)	NO
8/3/26	104700 Overseas Hwy	Received a customer call stating that their grinder pump alarm was on.	Upon field techs' arrival on site, they noticed that the sump to the grinder pump was low. Tech filled the sump with water to simulate the pump; multiple simulations were performed to assure pump statis was functional. (NOT A KLWTD ISSUE)	NO

8/4/26	166 Peace Ave	A customer called to notify us that sewage was coming out of the drain in front of their house.	Upon Field Techs' arrival on site, Techs found no issue with the pit. Pit was simulated multiple times. Cleanout was checked and found dry. Issue on the private side. (NOT A KLWTD ISSUE)	NO
8/4/26	15 Mockingbird Rd	We received a call from a customer regarding an odor coming from Vac Station A.	Upon Field Techs' arrival on site, they observed the odor control room and detected no odor. For precaution techs tested the odor control chamber and found no breakthrough of gases. (NO ODOR DETECTED)	NO
8/7/26	101691 Overseas Hwy	The customer called to report they were having back up difficulties.	Upon Field Techs' arrival they found no issues with the pit. Pit was simulated multiple times, and cleanout was found clear of debris or backups. (NOT A KLWTD ISSUE)	NO
8/8/26	15 Seaside Ave	The customer called in stating that the shower drains and toilets were draining very slowly and they wanted us to make sure that all was working on our side.	Upon Field Techs' arrival, the pit was manually discharged and the cleanout was checked. No issues were detected. Homeowner was notified. (HOMEOWNER ISSUE)	NO
8/8/26	102 Coastal Dr	Received a call from a customer call regarding their grinder pump backing up.	Upon Field Techs' arrival on site, Techs opened the lid and found the sump full. Techs tried to manually run pump but were unsuccessful they noticed that the float on the pump had come off. Once the pump was replaced it simulated and put back in service.	YES

8/11/26	127 Valois Blvd	Customers called in stating that their toilets and shower drains were slowly draining, they wanted someone to come out and observe the grinder pump.	Upon field tech's arrival, they noticed that the grinder pump was not working, pump was replaced and brought in for service.	YES
8/14/26	29 North Dr	Customer called in stating that there was a puddle out in the road and wanted to make sure it wasn't a sewer leak.	Upon Field Techs' arrival it was determined that the puddle out on the road was a leak coming from the water main. FCAA was notified and as well as the homeowner. (NOT A KLWTD ISSUE)	NO
8/15/26	105 Coastal Dr.	Customer called to report an alarm going off at the property.	Upon Field Techs' arrival, techs arrival they noticed that the alarm light was off. When opening the lid to the sump they noticed the pump was running and not shutting off. They diagnosed the pump and found the float deflated. Techs were able to fix the issue in the field. Homeowner was notified of findings.	YES
8/19/26	54 Tarpon Ave	Received a Call from a customer regarding a backup on the property.	Upon Field Techs' arrival on site, the buffer tank was functioning normally. The cleanout was checked and found dry and clear; pit was also simulated. Homeowner was advised to call a plumber. (PRIVATE OWNER ISSUE)	NO
8/27/26	1101 Calder Rd	Customer called stating that they were experiencing backup issues in the bathroom.	Upon Field Techs' arrival on site, the pit was functioning normally. The cleanout was checked and found dry and clear; pit was also simulated. Homeowner was advised to call a plumber. (HOMEOWNER ISSUE)	NO

8/30/26	Lot # 203 Calusa	Received a customer call regarding a backup on the property.	Upon Field Techs' arrival pit was observed and noticed when discharging they found that the rear fernco had moved from its place causing the pit to overwhelm. Once, the fernco was back in place. Techs discharged and cleared the sump. Pit was also simulated to assure the status of the pit. Customer was notified of our findings.	YES
8/30/26	15 Mockingbird Rd	Customers called in regarding a different odor coming from Vac Station A.	Upon investigation Ryan and I noticed an odor coming from the exhaust fan from the pump room. We noticed that on the drip leg that collects moisture from the exhaust side of the vacuum pumps had a 1/14 hole that was not sealed properly. Meter showed 66 PPM we went ahead and sealed off hole. 9/3/26 We also found that the top exhaust outlet piping was full of water from moisture build up. That blockage did not allow for the exhaust to flow out as should, creating back pressure into the station.	YES

(3) Area Addressed with the Flow Vac Monitoring System

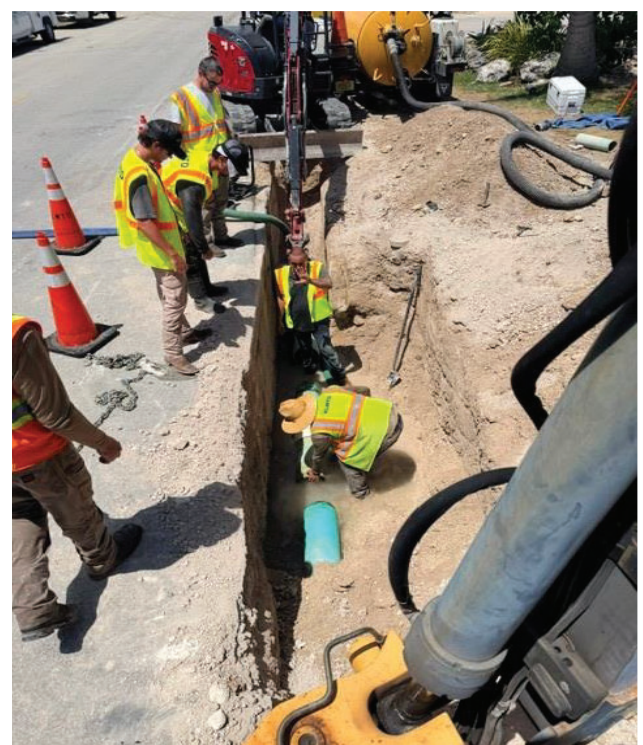
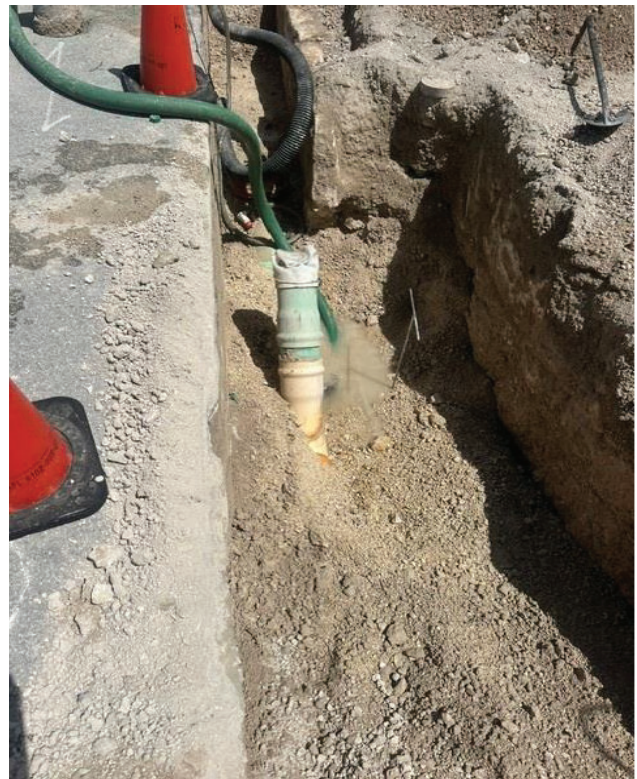
Date	Address	Incident	Response	Issue Found
8/8/26	49 N Marlin Ave	Received a low vacuum alarm call from Vac Station A	Field Tech isolated the tank valves to determine an area. Once determined they used the (FVMS) to find the issue.	Bad Valve
8/16/26	5 Corrine Pl	Received a Low vacuum alarm call from Vac Station E	Field Tech Isolated the tank valves to determine an area. Once determined they used the (FVMS)to find the issue.	Bad Controller

8/29/26	1029 Adams Dr	Received a low vacuum call from Vac Station D	Field Tech isolated the tank valves to determine an area. Once determined they used the (FVMS) to find the issue.	Debris in Valve
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The (4) System Generated Calls Not in (FVMS)

8/6/26	100301 Overseas Hwy	Received a low vacuum alarm call from Vac Station E	Upon Field Techs' arrival MOD isolated the tank valve to the big Area F-2 – 3 & 4. Nothing showed on the FVMS monitoring system. While isolating street valves they noticed vacuum had recovered.	Station Recovered
8/9/26	92431 Overseas Hwy	Received a low vacuum alarm from Vac Station JK	Upon Field Techs' arrival they noticed that the vac station had 2 faulted pumps. Once acknowledging the pumps station resumed normal.	Vacuum Pump 4 & 5 faulted.
8/18/26	100301 Overseas Hwy	Received a low vacuum call from Vac Station E	Upon Field Techs' arrival they noticed the vacuum had dropped down low. While trouble shooting the issue they found that the compressor had failed, in doing so that caused the isolation valve to close. Once a new compressor was brought out the isolation valve opened and tech was able to regenerate vacuum back up for the station.	Compressor Fail
8/30/26	102533 Overseas Hwy	Received a high-level lockout alarm from Vac Station G	Upon Field Techs' arrival they noticed that there was sewer on the floor in the tank room. When further looking into the issue they noticed that an EQ ball valve had blown out. Once replacing it with a new one they were able to pump down sewer tank, And resume the station back to normal.	Broken EQ valve

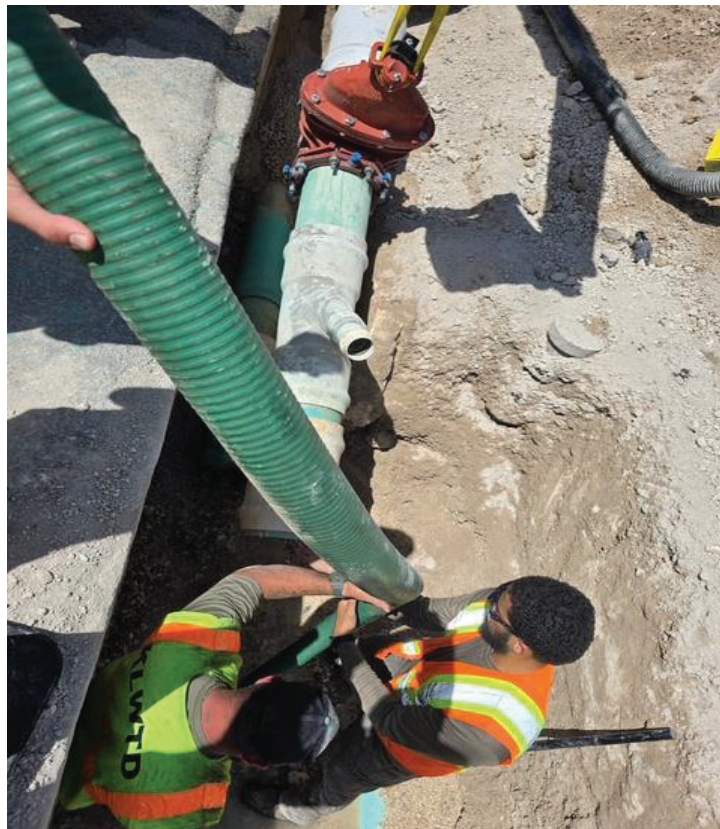
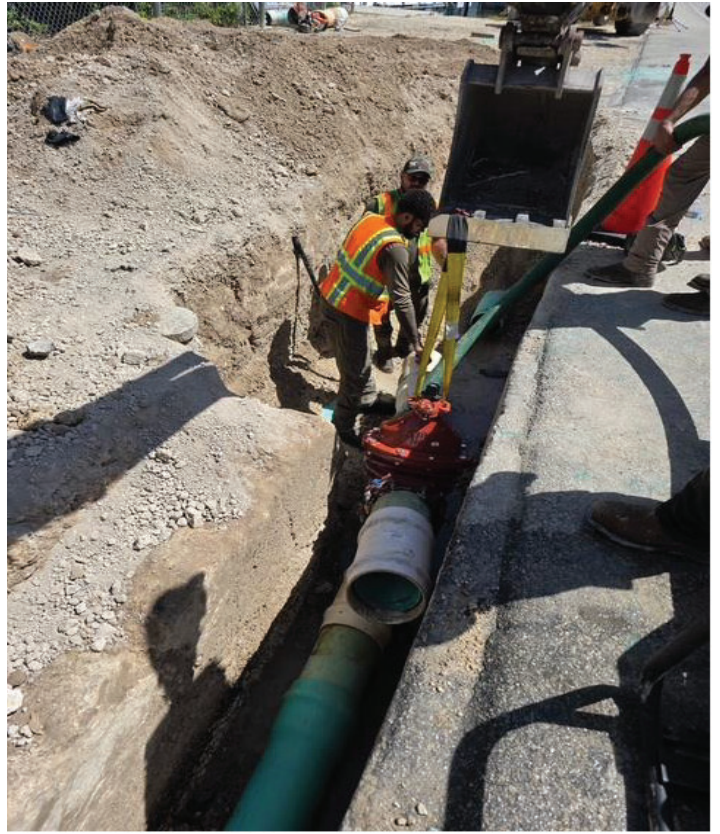
Removal of 10" Gate Valve and a 10x8 WYE (Part I)



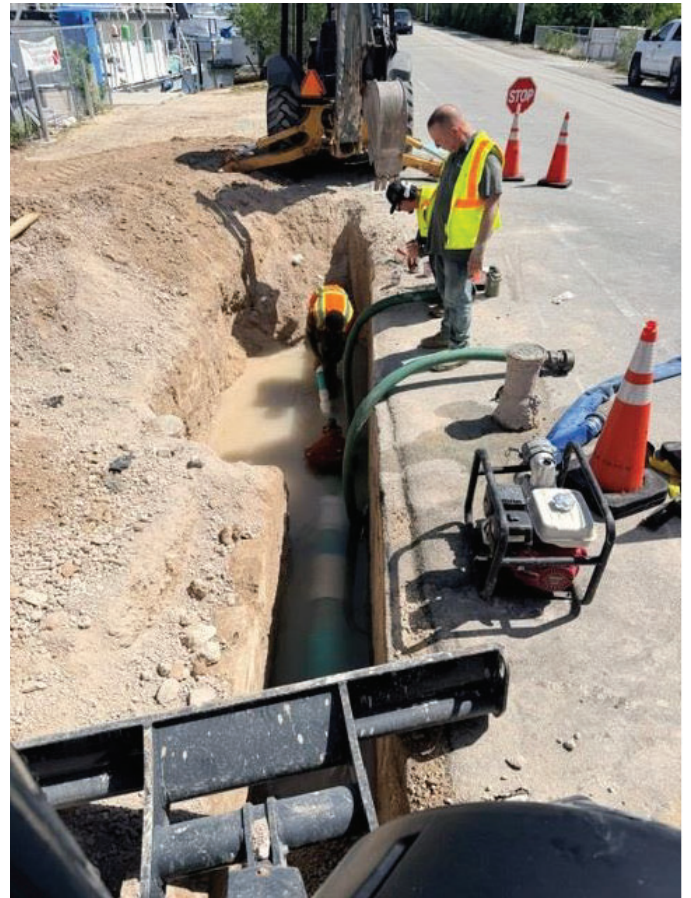
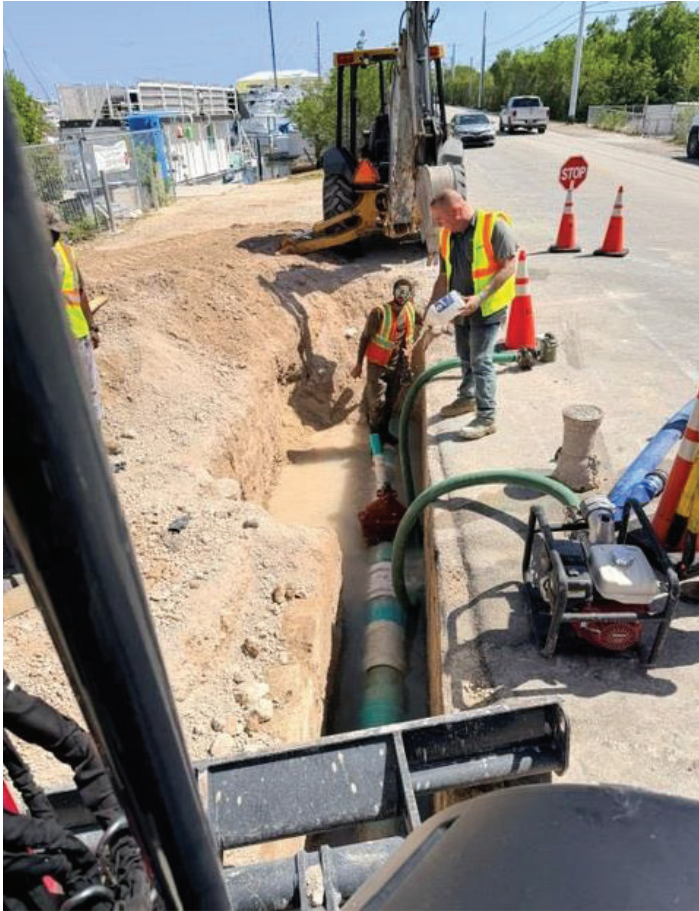
Removal of 10" Gate Valve and a 10x8 WYE (Part II)



New 10" Gate Valve with an Addition of a 10x3 WYE (Part I)



New 10" Gate Valve with an Addition of a 10x3 WYE (Part II)



H2S Testing at Vac Station A (Part I)

Lower port testing 25 ppm



Middle port test 34 ppm



Upper port test 5 ppm



H2S Testing at Vac Station A (Part II)

Outlet Testing



Intake Test in - sink Chamber



Lower port on in - sink chamber showing 0 ppm

