

Key Largo Wastewater Treatment District

Board of Commissioners Meeting

Agenda Item Summary

Meeting Date:

Agenda Item Number: K-1

January 20, 2026

Action Required:

No

Department: Sponsor:

Field Operations

Rudy Perez

Subject:

Field Report - December 2025

Summary:

Mr. Perez will present the Field monthly report.

Reviewed / Approved

Operations: _____

\$

Administration: _____

Funding Source:

Finance: _____

N/A

District Counsel: _____

Budgeted:

District Clerk: _____

N/A

Engineering: _____

Financial Impact

Attachments

1. Monthly Report

Approved By: _____



General Manager

Date: 01/14/2026

Wastewater Field Operations

There were a total of 30 service calls for the month of November of these 15 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 systems generated were found using the **(FVMS) Flo Vac Monitoring System**. The reports below detail the remaining 15 calls from customers.

Date	Address	Incident	Response	KLWTD Issue
12/1/25	10 Atlantic Ave	A customer called stating that their grinder pump alarm was going off.	Upon Field Techs arrived on site silenced alarm and found that the pump was not working. Once pump was replaced it was simulated and put back into service. Homeowner notified.	YES
12/2/25	1120 Grand St	A customer called to report a backup on the property.	Upon Field Techs' arrival on site the pit was manually discharged, cleanouts were opened and observed. No sign of any backup detected. (HOMEOWNER ISSUE) Homeowner notified.	NO
12/4/25	97620 Overseas Hwy	Customer called in to report that the grinder pump was not working. They noticed that their toilets were flushing slowly.	Upon Field Techs' arrival on site the techs found that the grinder pump was not responsive when trying to manually operate. Pump was exchanged and system was put back into service.	YES

12/6/25	101850 Overseas Hwy	Customers called to report an alarm going off at the property.	Upon Field Techs' arrival on site, they found that the pump was a different style grinder pump. Pump was hardwired directly into the panel and had a float system attached as well. Once replaced they were still having problems drawing down sump also when taking a reading on the pump it was giving higher amps than usual. It was noticed that the line had blockage, so the Field Techs connected to the port flush connection and cleared the line. After simulating multiple times, the system was put back into service.	YES
12/7/25	34 Atlantic Dr	We received a customer call regarding grinder pump not working.	Field Techs arrived onsite and found that the grinder pump was not working. Maintenance was called out to assist with the issue. It was found that there was an electrical issue on the private side (FAULTY SWITCH).	NO
12/8/25	436 Lime Dr	A customer called stating that their toilets were not draining properly.	Field Techs arrived and found that the pit was working properly. Cleanout was observed and found clear of debris or sewage. (HOMEOWNER ISSUE) Homeowner notified.	NO
12/9/25	58 S Blackwater Ln	The customer called stating that the shower and toilets were backing up.	Field Techs arrived and found the pit to be working properly. Pit was manually simulated and discharged; cleanout was observed and found dry. (Homeowner Issue) Homeowner notified.	NO
12/9/25	59 Orange Dr	We received a customer call regarding a consistent vacuum noise coming from the sinks and that the toilet water was getting sucked down.	Upon Field Techs' arrival on site the Field Techs found that the pit was under a low vacuum function. Pit was diagnosed as having a faulty controller. Components were changed and the pit was put back into service.	YES

12/17/25	29 Lakeshores Dr	A customer called in to report their toilets were not functioning properly.	Upon Field Techs arrival on site, they opened and found the cleanout to be dry. They manually discharged pit and simulated it as well. Pit was in proper working conditions. (HOMEOWNER ISSUE) Homeowner was notified.	NO
12/19/25	92510 Overseas Hwy	A customer called stating that there was sewage overflowing on the property.	Upon Field Techs arrival on site, they noticed that there was a pressure main break. They also observed that the section that was leaking was repaired once before. Talking to property owners, apparently when the tennis court was put in, they had augured through the pipe when adding the fence pole. It has then blown out twice since. The repair was made with the proper materials. We let the homeowner know as well to please when digging always call for locates.	NO
12/25/25	570 Beach Rd	Homeowner called and stated that their toilet and shower were backing up.	On Field Techs arrival the cleanout was opened and observed. Pit was manually discharged and simulated no issues on the district's side. (HOMEOWNER ISSUE) Homeowner was notified.	NO
12/26/25	7 Eagle Dr	A customer called stating that they were starting to experience backup issues.	On arrival Tech found the pit to be overwhelmed. While diagnosing pit it was noticed that the fernco holding the sensor tube and the Flo vac float had come loose. Once the components were properly put back, the pit was simulated and put back in service.	YES
12/28/25	99700 Overseas Hwy	Received a customer call regarding their toilets backing up.	Upon field Techs arrival on site, both the cleanout and the pit were inspected. No issues found on the districts side. (HOMEOWNER ISSUE) Homeowner was notified.	NO

12/28/25	97630 Overseas Hwy	Customer called regarding a backup.	Upon field tech's arrival on site the pit was manually discharged. Tech opened cleanout and showed the customer all was clear on the district's end. (CUSTOMER ISSUE)	NO
12/31/25	205 N Ocean Dr	Customer called in to report that while digging out on the right of way they damaged a sewer pipe.	Upon Field Techs' arrival on site, it was noticed that a pipe was damaged. It was not a sewage pipe but an old, abandoned water main. Not a KLWTD issue.	NO

Area Addressed with the Flow Vac Monitoring System

Date	Address	Incident	Response	Issue Found
12/7/25	234 Allen Ave	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.	Fernco Coupling
12/17/25	676 Sailfish Trail	Received a low vacuum alarm 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 Valve
12/21/25	1. 100 Burton Dr 2. 10 Marlin Ave	Received a low vacuum call from Vac Station JK & E	Field Tech isolated the tank valves to determine an area. Once determined they used the (FVMS) to find the issue.	1. Grease in sensor tube 2. Debris in valve
12/21/25	Micheal Dr	Received a low vacuum call from Vac Station D	Field Tech checked on the (FVMS) and went straight to the address with the issue.	Bad Controller
12/22/25	720 Garden State	Received a low vacuum call from Vac Station D	Field Tech checked on the (FVMS) and went straight to the address with the issue.	Grease in sensor tube

12/26/25	1037 Adams Dr	Received a call from Vac Station D	Field Tech checked the (FVMS) and went straight to the address with the issue.	Bad Valve
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The other 9 remaining system generated calls; Are not under the Flow Vac Monitoring System.

12/10/25	98240 Overseas Hwy	Low vacuum alarm at Vac Station G	Compressor Failure	
12/13/25	12 Mockingbird Rd	High Level Alarm at Vac Station A	Clogged EQ	
12/14/25	Calusa Lot # 325	Received a low vacuum alarm from Vac Station E	Isolated tank valve to an area, further isolated using the street valves. Issued found in Calusa.	Bad Valve & Controller
12/18/25	Calusa Lot # 97	Received a low vacuum alarm from Vac Station E	Isolated tank valve to an area, further isolated using the street valves. Issued found in Calusa	Bad Controller
1/22/25 12/23/25 12/24/25	100300 Overseas Hwy	Low vacuum alarm at vac station E	Soft Start issues on pumps 3,4, & 5	Issue was found on December 24 th by the maintenance department. Loose

				wire in the main panel.
12/31/25	12 Mockingbird Rd	High level lock out alarm at vac station A	Issue with sewer pump 2.	
12/31/25	Calusa Lot #79	Low vacuum alarm from Vac Station E	Isolated tank valve to an area, further isolated issue using the street valves. Issued found in Calusa	Bad Valve

Grinder pump installment part of our Unique Property Program.
14 North Ocean Drive





Corrosion of an existing 2" Blow Off Tap





