

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

Meeting Date:  
May 20, 2025

Agenda Item Number: K-1

Action Required:  
No

Department:  
Field Operations

Sponsor:  
Rudy Perez

Subject:  
**Field Report - April 2025**

Summary:  
Mr. Perez will present the Field monthly report.

<u>Reviewed / Approved</u>	<u>Financial Impact</u>	<u>Attachments</u>
Operations: _____	\$	1. Monthly Report
Administration: _____		
Finance: _____	Funding Source:	
District Counsel: _____	N/A	
District Clerk: _____	Budgeted:	
Engineering: _____	N/A	

Approved By: \_\_\_\_\_

General Manager

Date: \_\_\_\_\_

5-15-25

## Wastewater Field Operations

There was a total of 24 service calls for the month of April of these 11 were system-generated alarms, mostly by low vacuum detection at a vacuum station. The system-generated alarms were addressed quickly by the field staff 6 of those systems generated were found using the Flo vac monitoring. The reports below detail the remaining 13 calls.

Date	Address	Incident	Response	KLWTD Issue
4/1/25	125 Coconut Row	A customer called regarding a backup on the property.	Field Tech arrived and found that our system was working properly. Clean out was observed and pit was manually discharged. Also, homeowners clean out was observed and dry.  (Homeowner notified)	NO
4/1/25	96190 Overseas Hwy	Customer called that their grinder pump alarm was going off.	On Tech's arrival. The sump was found overwhelmed due to a faulty pump. The pump was changed out and the system was back in service.	YES
4/2/25	104100 Overseas Hwy	Kristy from the Caribbean Club called stating that there was a sewer coming up in front of the property.	On arrival it was clear that there was a sewage break underground. Immediately the field staff closed the isolation valve to shut down the Force Main to avoid any more sewage leaks. After digging up the area it was determined that a plastic 2" plug was left on and had cracked in time causing the sewer to overflow out into the ground. Cap was replaced with a 2" galvanized plug.	YES

4/2/25	188 Atlantic Blvd	Customers called to report a possible back up and stated that a plumber was on sight trying to figure out the issue.	On arrival techs found the pit to be working properly. Clean out was found dry and pit was simulated to insure homeowner. (Homeowner issue).	NO
4/5/25	37 South Dr	A homeowner called stating that the pit was making a consistent noise.	Tech found that the pit was in actual low vacuum mode. Pit was diagnosed and found that the controller had failed. The component was changed system was back in service.	YES
4/6/25	26 S Marlin Rd	The customer called to report a backup at his property.	The field tech arrived and found the pit to be overwhelmed. While working on components tech found a kink hose which held pit from opening. It was determined that Flo vac had recently worked on the pit.	YES
4/9/25	119 1 <sup>st</sup> Ct	A customer called in to report a broken candy cane.	Tech arrived and inspected that no rocks fell into the existing service lateral. Vac Tron was brought out clean out debris. The homeowner made the repairs.	NO
4/11/25	9 Poinciana Dr	The customer called stating they were experiencing backup issues.	Field Tech's arrived and manually discharged pit and observed our cleanouts. Back up was on the homeowner's side. The homeowner was advised to call a plumber. (Homeowner issue.)	NO
4/11/25	168 La Paloma Rd	The homeowner called to report a noise coming from the terminal.	On arrival the Tech found that the pit was surging. Tech diagnosed the pit as having a faulty controller.	YES

4/12/25	500 Burton Dr	Flo Vac called stating they were going around checking alarms. And found that the buffer tank was not discharging properly.	Field tech arrived and found that the sensor tubes were clogged with grit. The grit was removed buffer tank was simulated and was put back to working conditions.	YES
4/16/25	372 Bahia Ave	Received a call from a customer regarding a backup.	All components were checked pit was manually discharged and working. (Issue on Homeowner side)	NO
4/20/25	95480 Overseas Hwy	We received a customer call regarding a grinder pump alarm.	On Tech's arrived he silenced the alarm and found that the pump needed to be replaced. After replacing the pump was simulated and put back into service.	YES
4/23/25	25 N Ocean Dr	We Received a customer call regarding a grinder pump alarm.	On Tech's arrival they found the alarm on and sump full. They diagnosed the issue to a bad valve. Once the pump was replaced the system was back in service.	YES

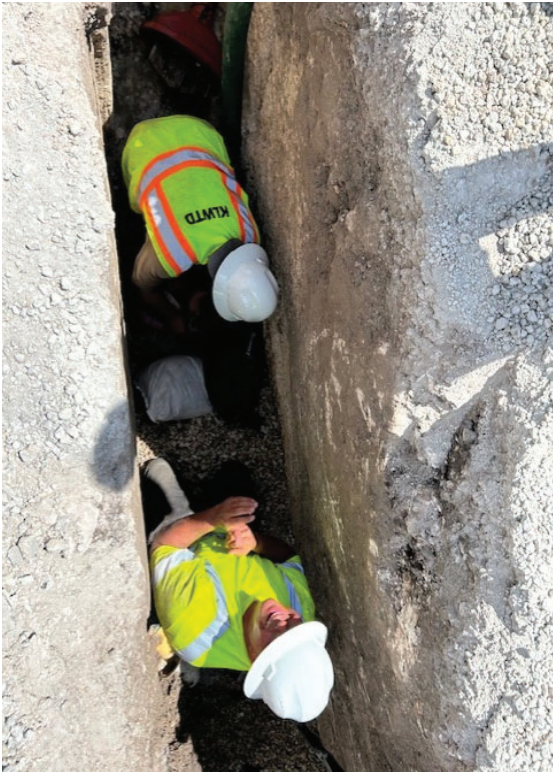
## Area Addressed with the Flow Vac Monitoring System

Date	Address	Incident	Response	Issue Found
4/2/25	9 Eagle Dr	Received a low vacuum alarm call from Vac Station A	Tech checked on the Flo Vac Monitoring and went straight to the address with issue.	Debris in Valve
4/13/25	4 N Blackwater Ln	Received a low vacuum alarm call from Vac Station A	Tech went to the vac station to isolate an area. Once determining an area. The Flo Vac Monitoring system was used to find the issue.	Buffer Tank was diagnosed with having a bad controller.
4/16/25	1004 Crane St	Received a low vacuum alarm from Vac Station D	Tech Isolated tank valves to an area. Once determined they used the Flo Vac Monitoring to find the issue.	Pit was diagnosed with a clogged sensor tube.
4/19/25	97950 Overseas Hwy	Received a low vacuum call from Vac Station G	Tech isolated the tank to determine an area. Once they did so they used the Flo Vac Monitoring to find the issue.	Pit was diagnosed with a bad valve.
4/22/25	Calder Buffer Tank	Received a low vacuum call from Vac Station D	Using the Flo Vac Monitoring tech went straight to the issue.	Blown Out Fernco
4/23/25	355 Sound Dr	Received a low vacuum call from Vac Station D	Isolated Issue using tank valves to C-2-4. Then they used the Flo Vac Monitoring to find the issue.	Pit was diagnosed with having a bad valve.

			The remaining 5 generated calls: Are not under the monitoring system.	
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**Field techs repairing a broken 8x4 wye and the replacing of an 8" gate valve at  
906 Plantation Rd**





**Force-main break at the Caribbean Club.  
A 2" plastic plug cracked on a 4" blind cap.**

