

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

Meeting Date:
July 1, 2025

Agenda Item Number: K-1

Action Required:
No

Department:
Field Operations

Sponsor:
Rudy Perez

Subject:
Field Report - May 2025

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

Reviewed / Approved

Operations: _____
Administration: _____
Finance: _____
District Counsel: _____
District Clerk: _____
Engineering: _____

Financial Impact

\$

Funding Source:
N/A

Budgeted:
N/A

Attachments

1. Monthly Report

Approved By: _____

General Manager



Date: _____

6/26/2025

Wastewater Field Operations

There was a total of 30 service calls for the month of May of these 20 were system-generated alarms, mostly by low vacuum detection at a vacuum station. The system-generated alarms were addressed quickly by the field staff 12 of those systems generated were found using the **(FVMS) Flo Vac Monitoring System**. The reports below detail the remaining 10 calls.

Date	Address	Incident	Response	KLWTD Issue
5/4/25	5 Mockingbird Rd	A customer called in to report that the pit was making a louder noise than usual.	Field Tech arrived and found that the Furnco had come off the wye body. There was no back up or a low vacuum incident.	NO
5/4/25	341 Mahogany Dr	Customer called stating that there seems to be a possible sewer leak by the pit.	On Tech's arrival everything was checked and working properly. There was water on top of the lid, but it was not from a sewer leak. The Homeowner was notified.	NO
5/5/25	958 Shaw Dr	A customer called in to report a breather that was damaged. And that the manhole was cracked.	On arrival at the address, it was noticed that the pad had shifted, but there was no damage to the breather. After construction is completed in that area the contractor will be responsible for restoring any damaged pads.	NO
5/5/25	102250 Overseas Hwy (Alfredo's cook house)	Customers called and stated that they had recently replaced 2 grinder pumps at their station, but they seemed to have stopped working.	The Field Manager arrived on sight and spoke to the owner. He pointed out that his grease traps had not been cleaned, and the solids were running into the station and on the ground. Tech then noticed that the pump station was not pumping and that the check valve was failing. The grease trap was immediately cleaned and KLWTD assisted with the failing check valve.	NO

5/5/25	201 Humpty Dumpty Dr	A customer called to report a lift station alarm that was going off.	On Tech's arrival he silenced the alarm and notice that the level was high inside the well. Tech was able to run pumps on hand and bring the level down. It was determined that the floats had failed, so maintenance was called into replace the nonworking floats.	YES
5/18/25	172 Park Ave	The customer called to report a backup at the property.	The field Tech arrived and found the pit to be working properly. Cleanout was checked and found clear of any blockage. Issue on Homeowner side, so the Homeowner was notified.	NO
5/22/25	92163 Overseas Hwy	A customer called stating that there might be a backup on our side KLWTD.	Tech arrived and opened the manhole and inspected for any potential issues. No issues were found. The cleanout was checked; Pit was manually discharged; The issue was on Homeowner side.	NO
5/27/25	292 Buttonwood Shores Dr	The customer called stating they were experiencing backup issues.	Field Tech's arrived and manually discharged pit and observed our cleanouts. The backup issue was on the Homeowner's side, so the Homeowner was advised to call a plumber.	NO
5/30/25	159 Dubonnet Rd	A customer called to report a backup in the downstairs shower.	All components were checked; the pit was manually discharged and working. Issue was on Homeowner side.	NO
5/30/25	96 Ave B	A customer called to rereport a backup.	Techs arrived at the address and found that the pit was clear and not overwhelmed, but they found that the cleanout was overwhelmed. Techs ran a camera through the service line from the pit to the home and found a blockage of grease. Jetter was brought onsite to break through the blockage and other debris. The Homeowner just purchased the home, and it was fully under construction.	YES

Area Addressed with the Flow Vac Monitoring System

Date	Address	Incident	Response	Issue Found
5/2/25	49 Shoreland Dr	Received a low vacuum alarm call from Vac Station D	Tech checked on the (FVMS) Flow Vac Monitoring System and went straight to the address with issue.	Controller
5/2/25	25 Bonefish Ave	Received a low vacuum alarm call from Vac Station D	Tech went to the Vac Station to isolate an area. Once determining an area. The (FVMS) was used to find the issue.	Debris in valve
5/8/25	58 South Blackwater Ln and 13 N. Marlin Ave	Received a low vacuum alarm from Vac Station A	Tech Isolated tank valves to an area. Once determined they used the (FVMS) to find the issue.	Both addresses were diagnosed with a bad valve.
5/11/25	500 Burton Dr	Received a low vacuum call from Vac Station JK	Tech isolated the tank to determine an area, once isolated they used the (FVMS) to find the issue.	Pit was diagnosed with having debris valve.
5/12/25	54 Transylvania Ave and 827 Narragansett Ln	Received a low vacuum call from Vac Station D	Tech checked on the (FVMS) and went straight to the address with issue.	54 Transylvania Ave bad valve 827 Narragansett

				Ln bad controller
5/17/25	1120 Calder Rd	Received a low vacuum alarm from Vac Station D	Tech isolated issue using the tank valves at the station. Then they used the (FVMS) ; Tech was able to locate the issue.	Bad controller
5/18/25	1 Micheal Dr	Received a low vacuum alarm from Vac Station D	Using (FVMS) the Tech was able to go directly to the issue.	Bad Controller
5/19/25	103071 Overseas Hwy	Received a low vacuum alarm from Vac Station D	Tech isolated the tank valves to determine the area. Once they determined the area; they used the (FVMS) to locate the issue.	Bad Valve
5/21/25	102811 Overseas Hwy	Received a low vacuum alarm from Vac Station D	Tech began the isolation process. Isolated issue to an area. Then the Tech used the (FVMS) to locate the issue.	Bad Valve
5/25/25	11 Bay Dr	Received a low vacuum alarm from Vac Station A	Using the (FVMS) . The Tech was able to go directly to issue.	Bad Valve
5/27/25	813 Narragansett Ln	Received low vacuum from Tech checked on the (FVM) system and went straight to the	Tech isolated issue using the tank valves to determine the area. Then used the (FVMS) the Tech was able to locate the issue.	Bad controller

		address with issue. ac station D		
5/27/25	556 Ocean Cay Dr	Received a low vacuum alarm from Vac Station E	Using the (FVMS) Tech was able to go directly to the issue.	Debris in valve.
			The remaining 8 generated calls: Are not under the (FVMS) Flow Vac Monitory System.	

216 Buttonwood Lane:
Field techs addressed a 3" collapse vacuum line with the help of a
high level alarm from the FloVac monitoring system.



Field Techs performing annual tank cleaning at Vac Stations D & E



