

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

Meeting Date:  
March 18, 2025

Agenda Item Number: K-1

Action Required:  
No

Department:  
Field Operations

Sponsor:  
Rudy Perez

Subject:  
**Field Report - February 2025**

Summary:  
Mr. Perez will present the Field 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:   
General Manager

Date: 3/11/2025

## Wastewater Field Operations

There was a total of 22 service calls for the month of February of these 8 were system-generated alarms, mostly by low vacuum detection at a vacuum station. The system-generated alarms were addressed quickly by the field staff 5 of those system generated were found using the Flo vac monitoring. The reports below detail the remaining 14 calls.

Date	Address	Incident	Response	KLWTD Issue
2/5/25	34 Poinciana Dr	Customer called stating they were experiencing backup issues.	Field Tech arrived and found that our system was working properly. Clean out was observed and pit was manually discharged.  (Homeowner notified)	NO
2/8/25	20 Drury Rd	Customer called to report a backup at his property.	On Tech's arrival. Pit was found unresponsive. Pit was diagnosed with a bad valve. Once the valve was replaced pit was simulated and put back into service.	YES
2/9/25	9 E Second St	Tech received a call from a customer experiencing a backup.	On arrival pit was found operational. The pit was simulated and cleanouts inspected. Homeowner notified. (HOMEOWNER ISSUE)	NO
2/11/25	267 Charlemagne Blvd	Customer called to report his grinder pump alarm was going off.	On arrival the pump alarm was silenced. Diagnosed issue to be a faulty pump. A new pump was put in service.	YES

2/12/25	18 Eagle Dr	A homeowner called in to report water sitting by their cleanout service.	Tech found everything to be working as it should. Pit and cleanouts were inspected. The homeowner was notified. It was determined the puddle was from a leaking water service.	NO
2/13/25	Calusa Lot #79	Customer called to report an odor coming from our system.	The tech arrived on site and did not detect any odors. Both cleanout and air terminal were inspected. Pit was manually discharged as well.	NO
2/14/25	Calusa Lot #406	A customer called in to report a backup.	Tech arrived and inspected all components and found our system working accordingly. Customer was notified. (Homeowner issue.)	NO
2/14/25	826 Narragansett Ln	The customer called to report a backup coming up in their toilets.	Field Tech's arrived and found the pit to be overwhelmed. Tech noticed that the controller clip was not properly mounted, once placing clip back in place pit was tested and placed back in service.	YES
2/16/25	92720 OVS HWY	The plumber suggested to the customer to have KLWTD to check up on our system to verify that the backup wasn't on our side.	On arrival the Tech found that the buffer tank was clear. He then proceeded to check the cleanouts and found them to be dry and cleared. Customer was notified and plumber was advised as well.	NO
2/22/25	37 South Dr	The customer called in to report a constant noise coming from the air terminal.	On tech's arrival the pit was found to be hung open. What the customer was hearing was a constant vacuum noise. Pit was diagnosed with a bad controller. The controller was changed. (Tech thank the homeowner for calling it in.)	YES

3/23/25	187 Lore Lane Pl	Received a call from a customer regarding a backup.	All components were checked pit was manually discharged and working. (Issue on Homeowner side)	NO
2/23/25	304 Second Terr	Received a customer call regarding a backup.	Tech arrived and found the pit to be operating normal. Opened cleanout and found no sign of a backup. The homeowner was notified. (HOMEOWNER ISSUE)	NO
2/26/25	2 Madeira Dr	Customer called to report a noise coming from the sewer.	On Tech's arrival found no noise coming from the air terminal. Once manually discharging pit what the homeowner was hearing was his back water flapper. (Homeowner Appreciated on techs respond)	NO
2/28/25	3 Corrine Pl	A customer called to report a noise coming from the air terminal.	On arrival no noise was detected from the air terminal. Tech manually discharged pit and noticed pit seem to struggle when valve opening to the vacuum. He found that the vacuum line had debris restricting it.	YES

## Area Addressed with the Flow Vac Monitoring System

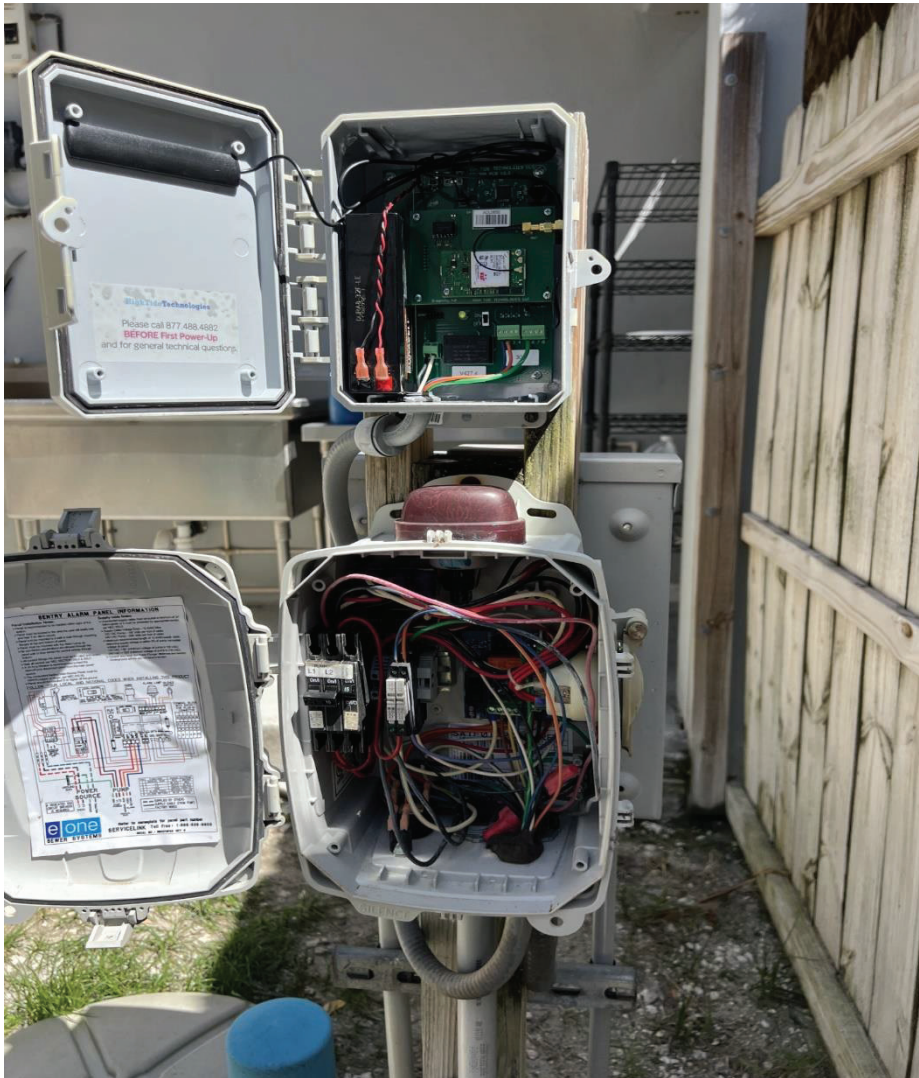
Date	Address	Incident	Response	Issue Found
2/3/25	37 Bunting Dr	Received a low vacuum alarm call from Vac Station A	Tech checked on the Flo Vac Monitoring and went straight to the address with issue.	Pit was diagnosed with a faulty valve.
2/8/25	362 Sound DR	Received a low vacuum alarm call from Vac 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.	Pit was diagnosed with having a bad controller.
2/15/25	453 Bahia Ave	Received a low vacuum alarm from Vac Station A	Tech Isolated tank valves to an area. Once determined they used the Fow Vac Monitoring to find the issue.	Pit was diagnosed with a bad valve.
2/16/25	1526 Shaw Dr	Received a low vacuum call from Vac Station D	Tech isolated the tank to determine an area. Once doing so they used the Flo Vac Monitoring to find the issue.	Pit was diagnosed with a bad valve.
2/22/25	222 Ryan Dr	Received a low vacuum call from vac station A	Using the Flo Vac Monitoring tech went straight to the issue.	Blockage in sensor tube.
			The remaining 3 generated calls: Are not under the monitoring system.	



Removal of the old exhaust filters. (Exhaust filters are part of our maintenance requirements that we do on our vacuum pumps 1 a year).



This picture shows the completion of the exhaust filters. Exhaust filters catch the oil vapors and any debris before it turns back into a liquid form and drains back into the return line.



Field techs providing assistance to Flo Vac with the installation of the Low Pressure Monitoring.