

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

Meeting Date:
February 18, 2025

Agenda Item Number: K-1

Action Required:
No


Department:
Field Operations

Sponsor:
Rudy Perez

Subject:
Field Report - January 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:  Date: 2-13-25
General Manager

Wastewater Field Operations

There was a total of 20 service calls for the month of January 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 2 of those system generated were found using the Flo vac monitoring. The reports below detail the remaining 13 calls.

Date	Address	Incident	Response	KLWTD Issue
1/3/25	48 Buttonwood Dr	Customer called stating they were experiencing backup issues.	Field Tech arrived and found that there were roots coming in from behind our cleanout. The field manager called out for Jetter assistance. With the help of the Jetter root ball was successfully removed. The camera was run through the service line, and it was determined that the roots came from a repair coupling from the homeowner's side. (Homeowner notified)	NO
1/3/25	209 West 1 st Ct	Customer called to report that the sink and shower will not drain	On Techs arrival. Pit was manually discharged and found that all was working accordingly. Issue on the homeowner's side.	NO
1/7/25	1518 Aqueduct Ln	A customer called to report water coming from the air terminal.	The tech arrived and found the pit to be overwhelmed. Tech quickly addressed the issue and diagnosed the pit as having a dirty surge. Component was changed. Pit was put back into service	YES

1/9/25	130 Harbor Dr	Plumber called to report a backup. He wanted to confirm it was not a KLWTD issue.	Pit was manually discharged and found working as they should. Clean out was observed and found clear and dry. Advised the customer and plumber of findings. (Homeowner issue)	NO
1/10/25	92720 Ovs Hwy	Plumber called to advise us that Circle K was experiencing backup issues.	Tech found everything to be working as it should at the buffer tank open lid and found it to be dry. Blockage on the private side. (Customer issue)	NO
1/10/25	700 Grouper Ln	The customer called to report the manhole lid had shifted.	The tech arrived on site and found pit lid was sitting about an inch high. Tech grinded down a piece of metal from the riser so that the lid can fit it right full position.	DAMAGE
1/12/25	92680 Ovs Hwy	The homeowner called to report that their grinder pump alarm was going off.	Tech arrived on site and noticed that the pump would not pump out the sewage. After diagnosing pump, it was determined that there was a blockage in Force Main. Vac Tron was brought, it was connected to our flush out port connection. Blockage was removed and the pump was back in service.	YES
1/14/25	4 Coconut Dr	The customer called to report a backup coming up in their toilets. They stated that guys were working outside the day before.	Field techs arrived and found the pit to be overwhelmed. They found that the hose clamp was not tightened. Causing pit to overwhelm, also still had a blue hose and steel ¼ tubing. Components changed and tightened. Pit was back in service.	YES
1/23/25	122 Atlantic Ave	A customer called to report a backup.	On arrival the tech found that the pit was in proper working conditions, cleanout was checked and found to be dry and cleared. The issue was on homeowner side. (Homeowner issue)	NO

1/25/24	219 S Ocean Shores Dr	The customer called to report a backup.	On techs arrival, the pit was in proper working conditions, cleanout was checked and found to be dry and cleared. (Homeowner Issue)	NO
1/26/25	483 Barracuda Blvd	Received a call from a customer regarding a backup.	All components were checked pit was manually discharged and working. (Issue on Homeowner side)	NO
1/28/25	125 Ocean Shores Dr	The customer called to report an odor coming from the bathroom and kitchen sinks.	The tech opened and checked clean out and did not detect any odor. The in-sump breather was pulled and observed pit was working and no odor detected as well. Homeowner notified.	NO
1/31/25	Lot #85 Calusa	Customer called to report a gas smell from the sewer.	On techs' arrival no odor was detected from KLWTD system. Tech opened and inspected cleanout and pit. Property is on the mangrove side and an odor was detected from that area.	NO

Area Addressed with the Flow Vac Monitoring System

Date	Address	Incident	Response	Issue Found
1/4/25	120 Dove Ave	Received a low vacuum alarm call from Vac Station I	Tech checked on the Flo Vac Monitoring and went straight to the address with issue.	Pit was diagnosed to have a faulty valve.
1/11/25	5 Garden Cove	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 valve and controller.
			The remaining 5 system generated calls are not under the Flow Vac Monitoring System.	

Collections Field Work



Tina Pl and Michelle Dr. Punctured 45* coming off vacuum main to street service line.
Created a struggle at Vac Station D with a constant loss of vacuum during day time hours.



Collections Field Work



1013 Adams contractors doing storm drains on Shaw Dr and Adams struck our vacuum line with bucket of excavator cracking the pipe. Crews responded promptly to dig site and quickly repaired leak

Collections Field Work



719 Grouper Lane manhole ring damaged and repaired with new ring and 6" concrete slab reinforced with rebar



705 Grouper Lane manhole ring damaged and repaired with new ring and 6" concrete slab with rebar reinforcement

Collections Field Work



New 6" concrete valve box slab Oakwood and Sexton.

