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

Meeting Date:

January 3, 2023

Agenda Item Number: L-1

Action Required:

No

Department:

Plant/Facilities

Sponsor:

Ryan Dempsey

Subject:

Plant/Facilities Report - December 2022

Summary:

Mr. Dempsey will present the Plant/Facilities monthly report.

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

Approved By: _____ **Date:** 12/30/2022

General Manager

Wastewater Treatment Plant Operations

The wastewater treatment plant processed an average of 2.03 million gallons of influent per day (MGD). The Treatment Plant remains in compliance with the Florida Department of Environmental Protection (FDEP) guidelines.

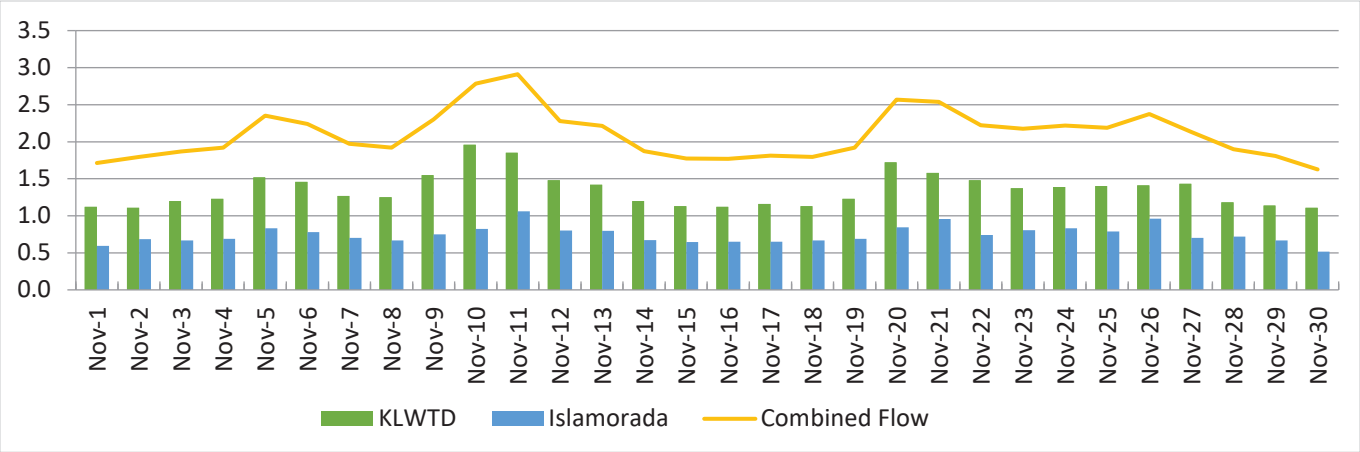
Effluent Quality Reports (mg/L)

Determines the quality of discharge from the wastewater treatment plant.

Effluent Quality Report	November 2022 Plant Performance	12 Month Average Plant Performance
CBOD5 (Carbonaceous Biochemical Oxygen Demand)	1.24	1.66
TSS (Total Suspended Solids)	1.99	1.05
TN (Total Nitrogen)	2.42	2.74
TP (Total Phosphorous)	.75	0.72

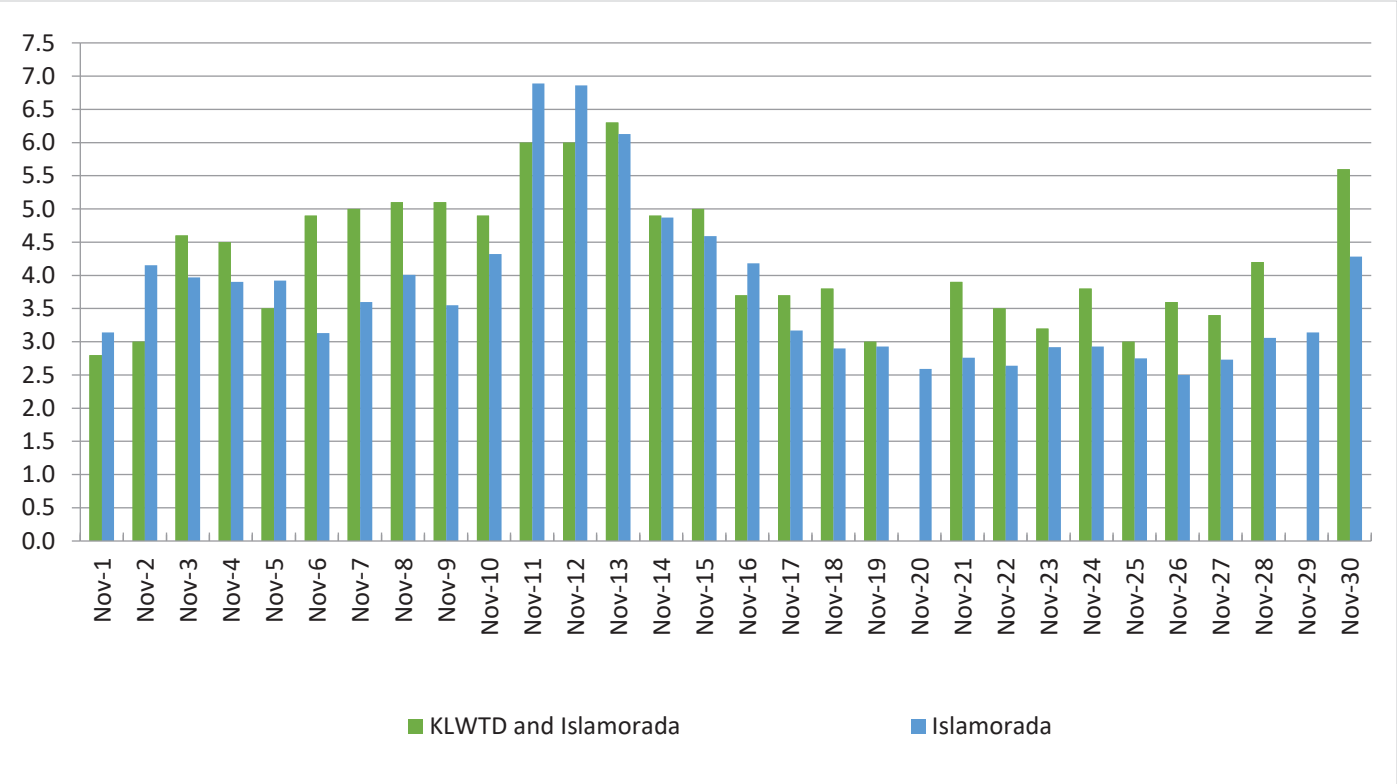
Daily Flow (MGD)

The total flow of influent through the wastewater treatment plant each day.



Daily Peak Salinity (PPT)

The daily peak salinity for the current month.



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Average Daily Flow: .75 MGD
Highest Daily Flow: 1.06 MGD
Monthly Peak Salinity: 6.89 PPT
Days over 4.0 PPT Salinity: 10