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

Meeting Date: July 5, 2022

Agenda Item Number: L-1

Action Required:

No

Department:

Plant/Facilities

Sponsor:

Ryan Dempsey

Subject:

Plant/Facilities May 2022 Report

Summary of Discussion:

Mr. Dempsey will present the Plant/Facilites 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:** 7-14-22

General Manager

Wastewater Treatment Plant Operations

The wastewater treatment plant processed an average of 1.98 million gallons of influent per day (MGD). The Treatment Plant remains in compliance with the Florida Department of Environmental Protection (FDEP) guidelines.

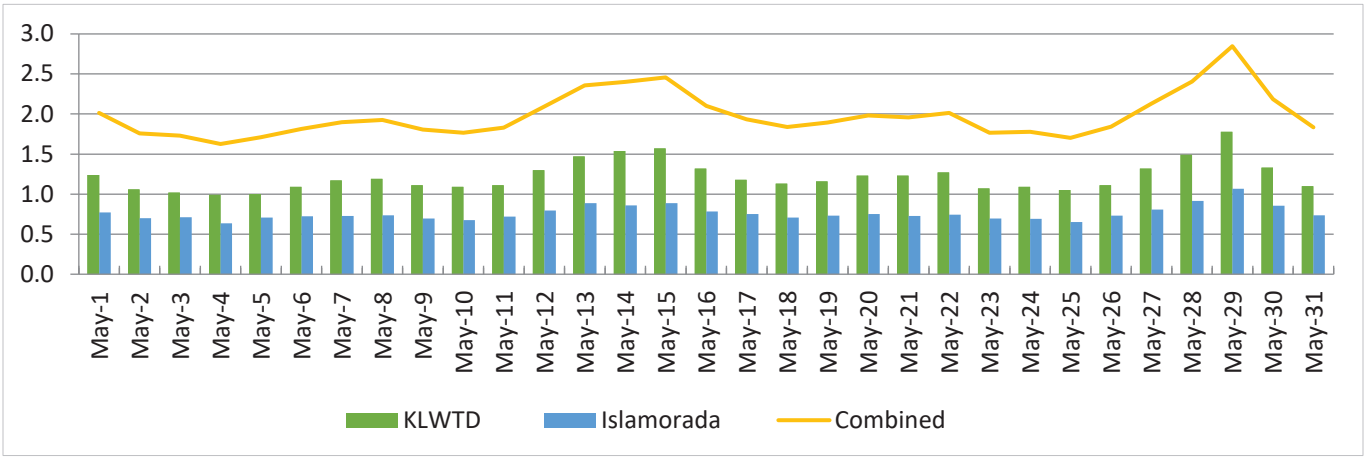
Effluent Quality Reports (mg/L)

Determines the quality of discharge from the wastewater treatment plant.

Effluent Quality Report	May 2022 Plant Performance	12 Month Average Plant Performance
CBOD5 (Carbonaceous Biochemical Oxygen Demand)	1	1.38
TSS (Total Suspended Solids)	.8	0.73
TN (Total Nitrogen)	2.54	2.71
TP (Total Phosphorous)	0.34	0.65

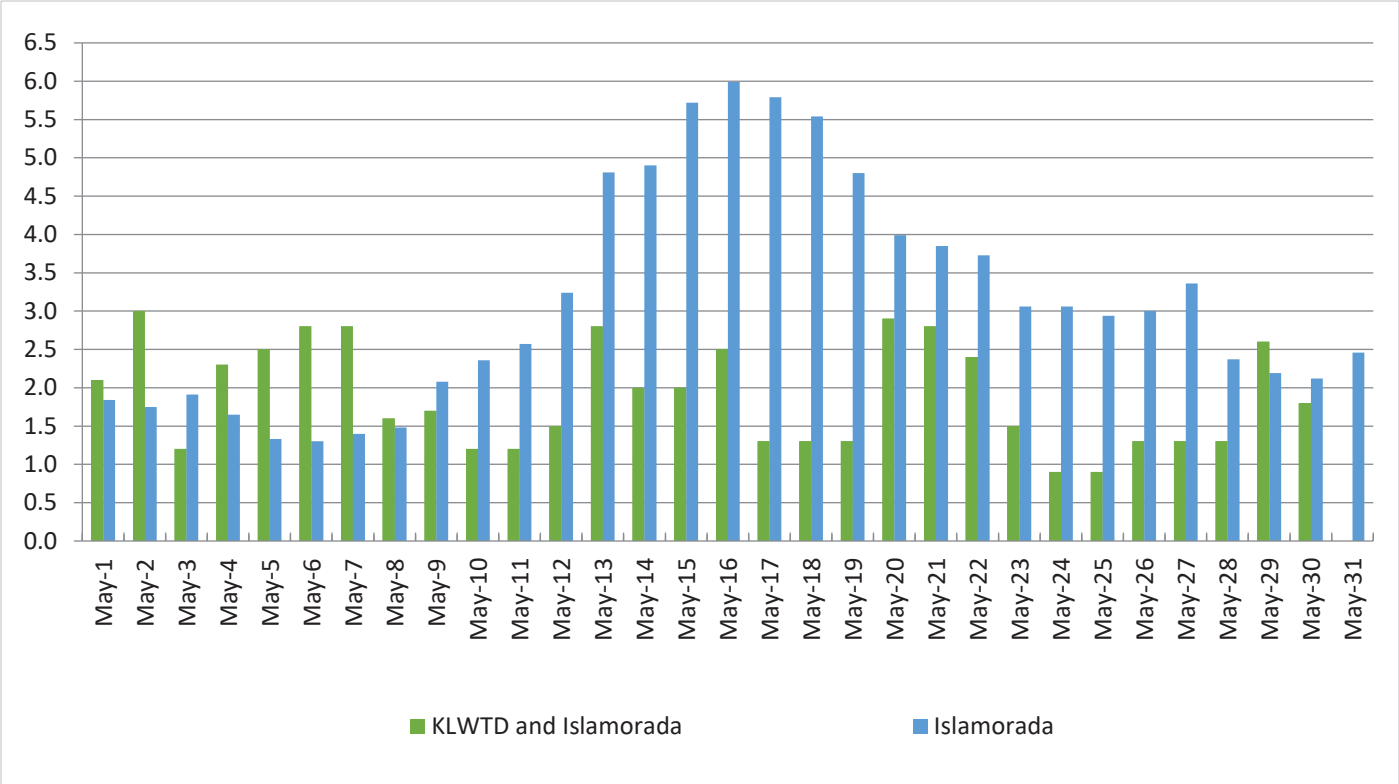
Current Flow (MGD)

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: 0.76 million gallons per day
Monthly Peak Salinity: 5.99 PPT
Days over 4.0 PPT Salinity: 7

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