

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

Meeting Date:

July 21, 2026

Agenda Item Number: L-1

Action Required:

No

Department:

Plant/Facilities

Sponsor:

Ryan Dempsey

Subject:

Plant/Facilities Report - May 2026

Summary:

Mr. Dempsey will present the Plant/Facilities 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: _____

7-16-26

Wastewater Treatment Plant Operations

The wastewater treatment plant processed an average of 2.04 million gallons of influent per day (MGD). The Treatment Plant remains in compliance with the Florida Department of Environmental Protection (FDEP) guidelines.

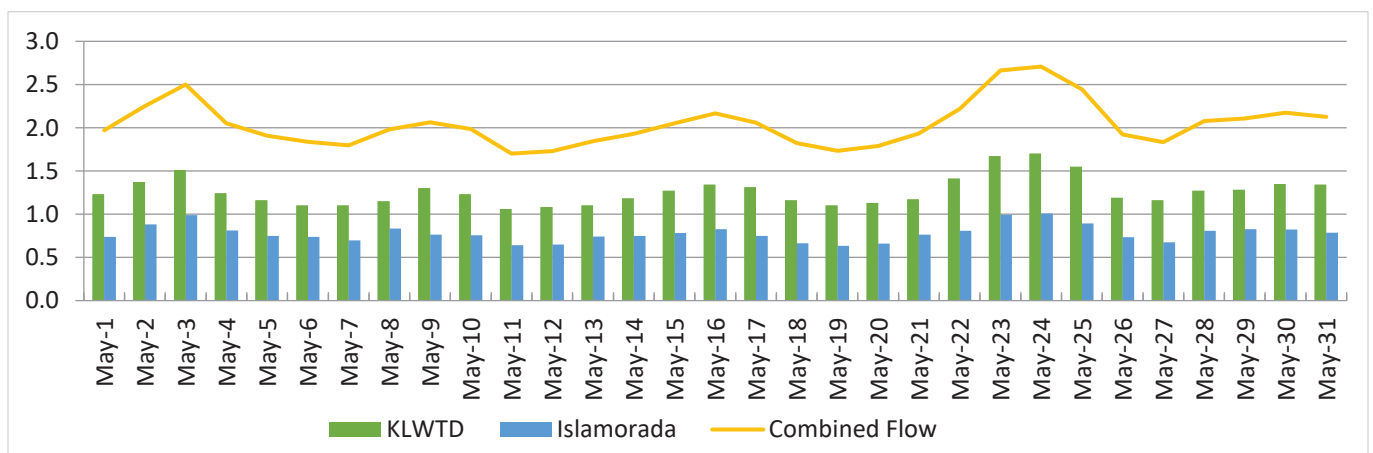
Effluent Quality Reports (mg/L)

Determines the quality of discharge from the wastewater treatment plant.

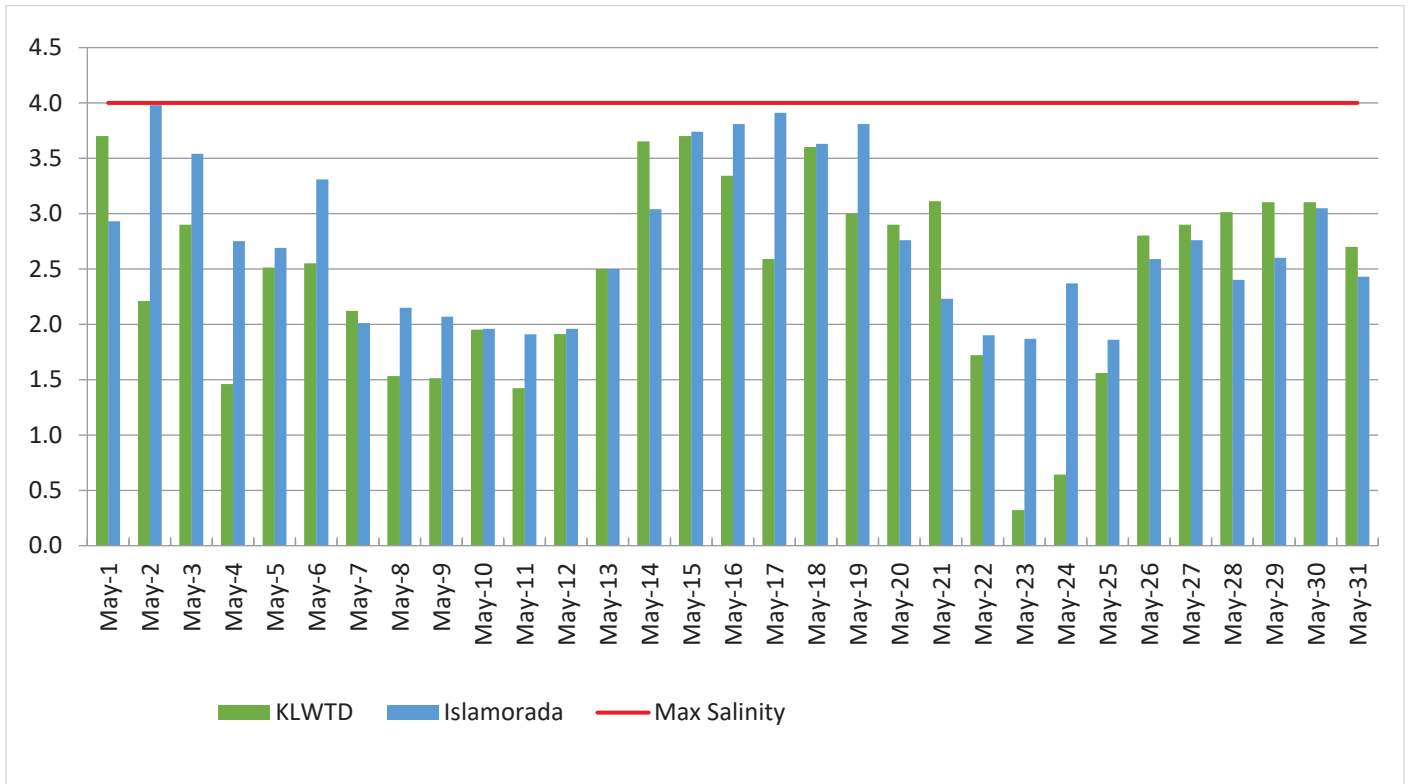
Effluent Quality Report	May 2026 Plant Performance	12 Month Average Plant Performance	Effluent Limits
CBOD5 (Carbonaceous Biochemical Oxygen Demand)	1.3	2.1	5
TSS (Total Suspended Solids)	1.4	1.1	5
TN (Total Nitrogen)	3.7	3.9	Report only
TP (Total Phosphorous)	.9	.7	Report only

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.



Islamorada

Average Daily Flow: .779 MGD

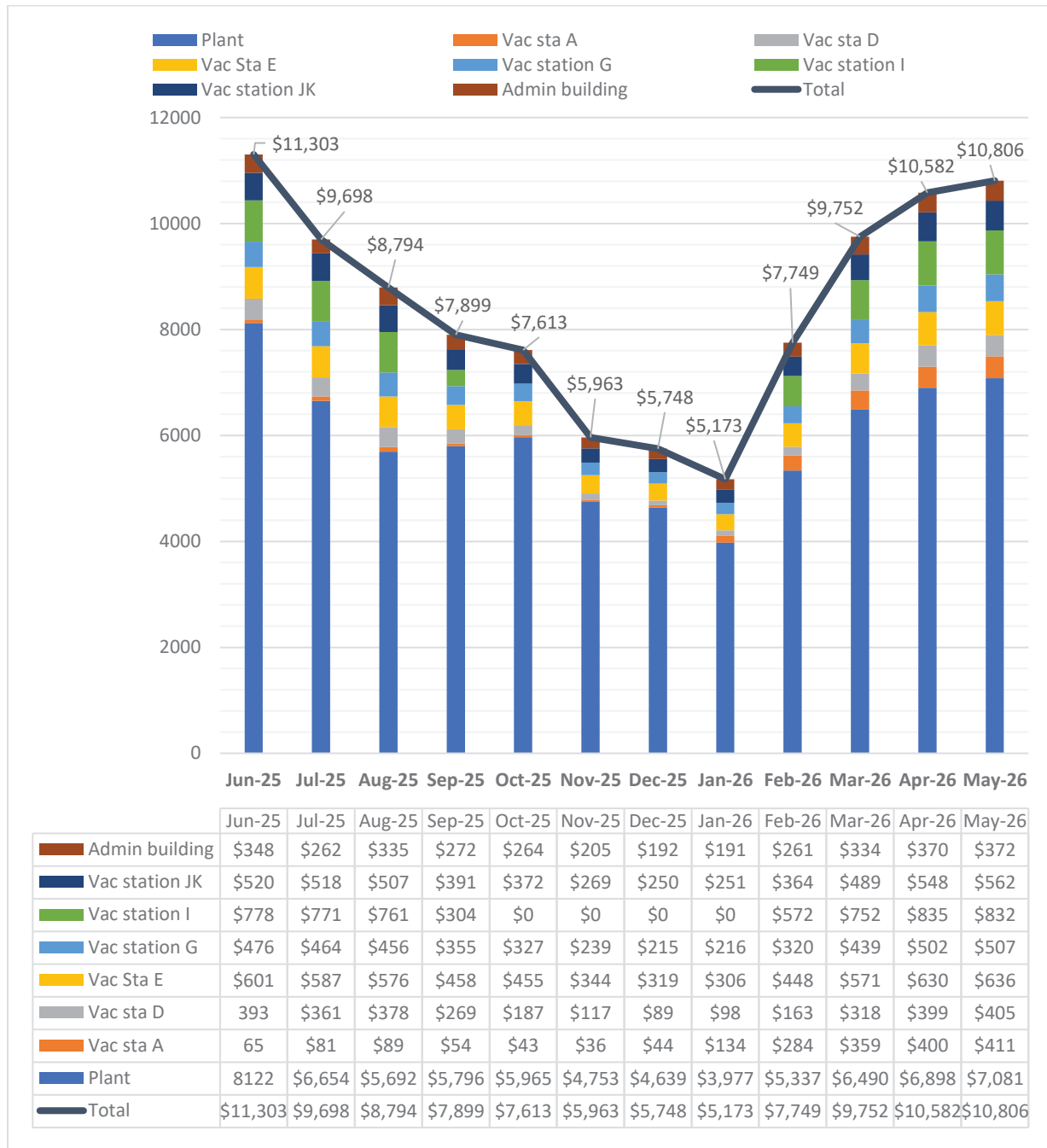
Highest Daily Flow: 1.0 MGD

Monthly Peak Salinity: 3.98 PPT

Days over 4.0 PPT Salinity: 0

3-month average of Islamorada flow capacity (1.104 MGD): 73%

Solar Production Report

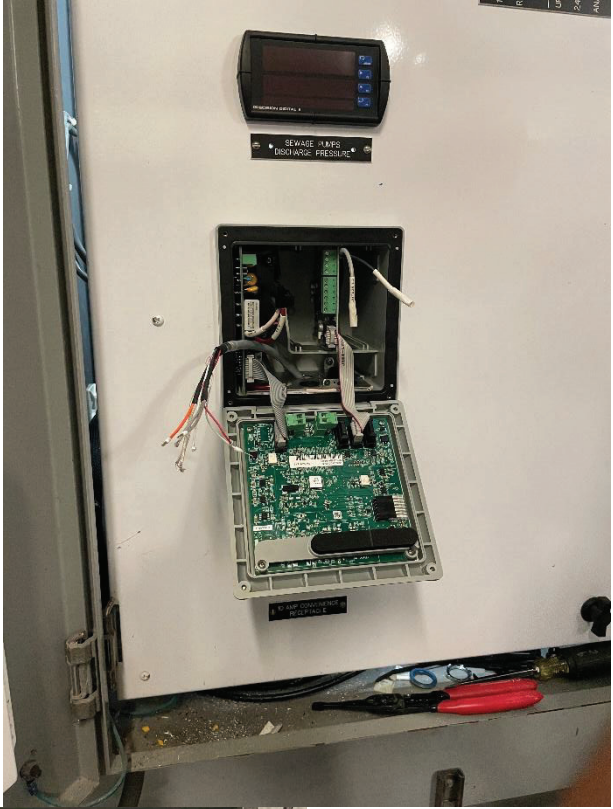


12 month production estimate for all sites: \$101,080

Vacuum station salinity probe and sight tube upgrade

New clear PVC sight tubes, valves, and fittings were installed, and new upgraded salinity probes were installed at the bottom of the sight tube assemblies at Vacuum stations A, D, E, G, I, and JK.





Injection well pump motor overhaul

