

Key Largo Wastewater Treatment District Board of Commissioners Meeting Tuesday, August 5, 2025 4:00 PM

AGENDA

Board of Commissioners Meeting 103355 Overseas Highway Key Largo, FL 33037

Meeting link for computer, tablet, or smartphone. www.gotomeet.me/KLWTDClerkboard-meeting

(Toll Free): 1 877 309 2073

(646) 749-3129

Access Code: 587-583-005

BOARD MEMBERS:

Nicolas Rodriguez
Timothy Maloney
Susan Heim
Robert Majeska
Philip Schwartz

Chairman
Vice Chairman
Secretary-Treasurer
Commissioner
Commissioner

DISTRICT STAFF:

Peter Rosasco General Manager
Nicholas Mulick General Counsel
Shannon McCully Clerk

MISSION STATEMENT:

"The Mission of the Key Largo Wastewater Treatment District is to preserve and protect the delicate ecosystem of the Florida Keys while providing exceptional customer service."

A. CALL TO ORDER

D. I EEDVIE VI ALEEVIAINVE	B.	PΙ	FDG	F OF	ALLE	GIANCE
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C. ROLL CALL

D. AGENDA ADDITIONS, CORRECTIONS, OR DELETIONS

E. PUBLIC COMMENT

F. APPROVAL OF MINUTES OF PREVIOUS MEETING 1. Minutes of July 15, 2025	4
G. GENERAL MANAGER 1. Stewardship ILA	11
H. IT 1. IT Report – June 2025	16
I. CUSTOMER SERVICE 1. Customer Service Report – June 2025	18
J. BUDGET AND FINANCE 1. FY2026 Preliminary Budget	20
K. FIELD 1. Field Report – June 2025	36
L. PLANT/FACILITIES 1. Plant/Facilities Report – June 2025	44
M. CAPITAL PROJECTS 1. Capital Projects Report – June 2025 2. KLWTD Power Conditioning Project Change Order #3	52 63

N. ENGINEERING

O. LEGAL

P. COMMISSIONER'S ITEMS

1. Meeting Presentations from WQPP Meeting on July 24, 2025

68

Q. ROUNDTABLE

R. ADJOURNMENT

Meeting Date:		Agenda Item Number: F-1
August 5, 2025		
		Action Required: Yes
Department: Legal Subject: Minutes of July 15, 202 Summary:		
Staff to present the minut	tes of July 15, 2025, for approv	al.
Reviewed / Approved	Financial Impact	<u>Attachments</u>
Operations:	\$	1. Minutes
Administration:		
Finance:	Funding Source:	
District Counsel:	N/A	
District Clerk:	Budgeted:	
Engineering:	N/A	



Key Largo Wastewater Treatment District 103355 Overseas Hwy, Key Largo, FL Tuesday, July 15, 2025

MINUTES

CALL TO ORDER (A)

Chairman Nicolas Rodriguez called the meeting to order at 4:01 p.m.

PLEDGE OF ALLEGIANCE (B)

Mr. Peter Rosasco led the Pledge of Allegiance.

ROLL CALL (C)

Present were: Chairman Nicolas Rodriguez; Commissioners Sue Heim, Timothy Maloney, and Robert Majeska

Present Virtually (non-voting): Commissioner Philip Schwartz

Also present: General Manager Peter Rosasco; General Counsel Nicholas Mulick; District Clerk Shannon McCully; Finance Manager Connie Fazio; Field Manager Rudy Perez; Plant/Facilities Manager Ryan Dempsey; Weiler Engineering Lexi Conner; Project Administration and HR Coordinator Laura Weinstock; IT Support Manny Santana

AGENDA ADDITIONS, CORRECTIONS, OR DELETIONS (D)

Approval of Agenda (D-1)

Commissioner Heim requested item *O-6* be presented before item *O-1* and requested item *O-5* be presented after item *O-6*.

Motion: Commissioner Maloney made a motion to approve the

agenda as amended. Commissioner Majeska seconded

the motion. Motion passed without objection.

PUBLIC COMMENT (E)

No speakers.

APPROVAL OF MINUTES (F)

Minutes of July 1, 2025 (F-1)

Motion: Commissioner Maloney made a motion to approve the

Minutes of June 3, 2025. Commissioner Majeska seconded

the motion. Motion passed without objection.

GENERAL MANAGER (G)

Staffing Plan Summary and Org. Chart for FY26 (G-1) (Laydown)

Ms. Weinstock presented the Staffing Plan and Staff Organization Chart for the 2026 fiscal year.

IT (H)

No report in agenda.

CUSTOMER SERVICE (I)

No report in agenda.

BUDGET AND FINANCE (J)

Budget and Finance Report – June 2025 (J-1)

Ms. Fazio presented the Budget and Finance monthly report.

FIELD (K)

No report in agenda.

PLANT/FACILITIES (L)

No report in agenda.

CAPITAL PROJECTS (M)

No report in agenda.

ENGINEERING (N)

No report in agenda.

LEGAL REPORT (O)

Amendment of 2007 Assessment Roll (Reso. 10-2025) (O-1)

Mr. Mulick presented Resolution 10-2025.

Motion: Commissioner Heim made a motion to adopt Resolution 10-2025.

Commissioner Maloney seconded the motion.

Vote on Motion:

Commissioner Heim – Aye Commissioner Maloney – Aye Commissioner Majeska – Aye Chairman Rodriguez – Aye

Amendment of 2008 Assessment Roll (Reso. 11-2025) (O-2)

Mr. Mulick presented Resolution 11-2025.

Motion: Commissioner Maloney made a motion to adopt Resolution 11-2025.

Commissioner Majeska seconded the motion.

Vote on Motion:

Commissioner Maloney – Aye Commissioner Majeska – Aye Commissioner Heim – Aye Chairman Rodriguez – Aye

Amendment of 2009 Assessment Roll (Reso. 12-2025) (O-3)

Mr. Mulick presented Resolution 12-2025.

Motion: Commissioner Heim made a motion to adopt Resolution 12-2025.

Commissioner Maloney seconded the motion.

Vote on Motion:

Commissioner Heim – Aye Commissioner Maloney – Aye Commissioner Majeska – Aye Chairman Rodriguez – Aye

2025 Assessment Roll (Reso. 13-2025) (O-4) Mr. Mulick presented Resolution 13-2025.

Motion: Commissioner Heim made a motion to adopt Resolution 13-2025.

Commissioner Maloney seconded the motion.

Vote on Motion:

Commissioner Heim – Aye Commissioner Maloney – Aye Commissioner Majeska – Nay Chairman Rodriguez – Aye

Extension of Wastewater Funding Agreement (O-5)

Mr. Mulick presented the Second Amendment to the Wastewater Funding Interlocal Agreement (ILA) for approval.

Motion: Commissioner Majeska made a motion to authorize the Chairman to

execute the ILA amendment. Commissioner Maloney seconded the motion.

Vote on Motion:

Commissioner Majeska – Aye Commissioner Maloney – Aye Commissioner Heim – Aye Chairman Rodriguez – Aye

General Rules and Regulations Manual – July 2025 (O-6) (Laydown ERRATA SHEET) Mr. Mulick presented the new version of the KLWTD General Rules and Regulations and Resolution 14-2025.

Motion: Commissioner Maloney made a motion to adopt Resolution 14-2025.

Commissioner Majeska seconded the motion.

Vote on Motion:

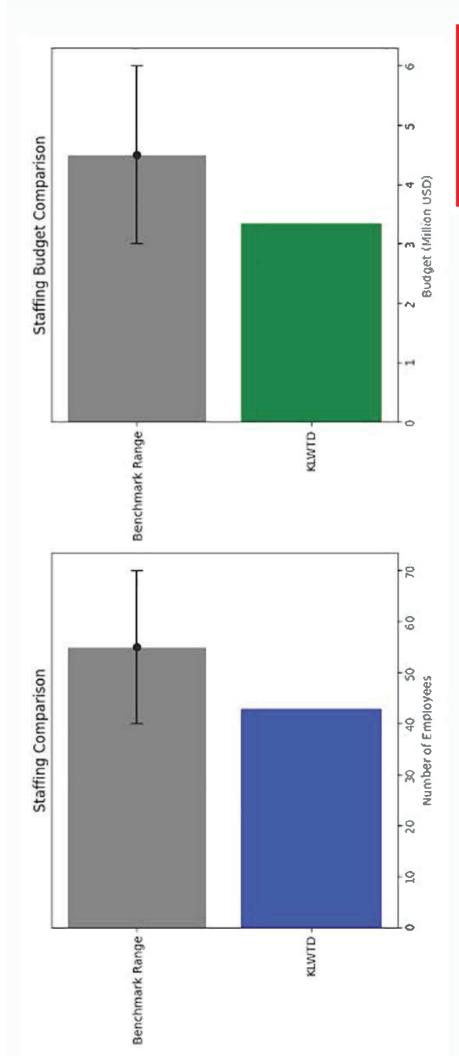
Commissioner Maloney – Aye Commissioner Majeska – Aye Commissioner Heim – Aye Chairman Rodriguez – Aye

COMMISSIONER ITEMS (P)

No report in agenda.

ROUNDTABLE DISCUSSION (Q)

	eard that KLWTD Field and Plant personnel will be KL Elem School in conjunction with the County's
ADJOURNMENT (R) The meeting was adjourned at 5:35 p	o.m.
Nicolas Rodriquez, Chairman	Shannon McCully, Clerk



Laydown July 15, 2025 Agenda Item G-1

Key Takeaways:

- Staffing: KLWTD employs 43 staff, which is at the lower end of the benchmark range (40-70 employees).
- Staffing Budget: KLWTD's budget of \$3.35 million is also on the lower end of the typical range (\$3M-\$6M), indicating efficient personnel spending.

This suggests that KLWTD operates with a lean and cost-effective workforce while staying within industry

norms.

KEY LARGO WASTEWATER TREATMENT DISTRICT GENERAL RULES AND REGULATIONS

ERRATA SHEET

The following pages and section numbers reflect typographical and/or scrivener's revisions to Key Largo Wastewater Treatment District General Rules and Regulations adopted on July 15, 2025:

- 1. Page 3, Section 1.12(a) delete second sentence (redundant with (b)).
- 2. Page 14, Sections 7(e)(i), (ii), and (iii) delete hyphen.
- 3. Page 15, Section 8.02(a)(iv) substitute second "shall" for "will."
- 4. Page 17, Section 8.05 d)(iii) delete apostrophe between "EDU" and "s."
- 5. Page 18, Section 8.05(b)(iii) 7) add "that" between "request" and "the."
- 6. Page 21, Section 9.02(a) delete underlining of "FKAA."
- 7. Page 21, Section 9.02(a)(i) delete comma after "may."
- 8. Page 21, Section 9.02(b) add "monthly readings" after "adjusted."
- 9. Page 22, Section 9.04(c)(i) substitute first "shall" for "will."
- 10. Page 24, Section 9.08(a) substitute "adjusted" for "adjustment."
- 11. Pages 29, 30 and 31, Article XII revise District Fee Schedule to reflect new section numbers.

Meeting Date:		Agenda Item Number: G-1
August 5, 2025		
		Action Required:
		No
Danastoranti	Snanaari	
Department:	Sponsor:	
General Manager	Peter Rosasco	
Subject:		
Stewardship ILA		
Summary:		
Mr. Rosasco will give a	n update on the current status of th	e Stewardship Inter-local
	n update on the current status of th	e Stewardship Inter-local
Mr. Rosasco will give a	n update on the current status of th	e Stewardship Inter-local
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Mr. Rosasco will give a	n update on the current status of th	e Stewardship Inter-local
Mr. Rosasco will give a	n update on the current status of th	e Stewardship Inter-local
Mr. Rosasco will give a Agreement.		
Mr. Rosasco will give a Agreement. Reviewed / Approved	Financial Impact	e Stewardship Inter-local Attachments
Mr. Rosasco will give a Agreement.		
Mr. Rosasco will give a Agreement. Reviewed / Approved	Financial Impact	
Mr. Rosasco will give a Agreement. Reviewed / Approved Operations:	Financial Impact	
Mr. Rosasco will give a Agreement. Reviewed / Approved Operations: Administration:	Financial Impact	
Mr. Rosasco will give a Agreement. Reviewed / Approved Operations: Administration: Finance:	Financial Impact \$ Funding Source:	

___ Date: 7-31-25

Please be advised that under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity.

If you are an entity authorized to provide confidential information to a government entity, please indicate the exemption to Florida Chapter 119 and verify its applicability before sending. If you are authorized to receive confidential information from the City of Key Colony Beach it will be so noted and with the statutory exemption applicable. Exempt material retransmission or disclosure is governed by Florida Law. The recipient is charged with compliance regarding any retransmission or disclosure. The City of Key Colony Beach shall not be liable for any inappropriate retransmission or disclosure.

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From: Hurley-Christine < Hurley-Christine@MonroeCounty-FL.Gov>
Sent: Thursday, July 24, 2025 11:47 AM
To: John Bartus <<u>cityadministrator@keycolonybeach.net</u>>; Cates-Craig <<u>Cates-Craig@MonroeCounty-FL.Gov</u>>; BOCCDIS2
<boccdis2@monroecounty-fl.gov>; BOCCDIS3 <<a href="mailto:BOCCDIS3@MonroeCounty-FL.Gov">BOCCDIS4 </a> <a href="mailto:BOCCDIS4@MonroeCounty-FL.Gov">BOCCDIS4@MonroeCounty-FL.Gov</a>; BOCCDIS4 <a href="mailto:BOCCDIS4@MonroeCounty-FL.Gov">BOCCDIS4@MonroeCounty-FL.Gov</a>; BOCCDIS4@MonroeCounty-FL.Gov</a>; BOCCDIS4@Monro
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'<u>DistrictV@cityofkeywest-fl.gov</u>' <<u>DistrictVI@cityofkeywest-fl.gov</u>>; '<u>DistrictVI@cityofkeywest-fl.gov</u>>; '<u>DistrictVI@cityofkeywest-fl.gov</u>>;
'mayor@cityofkeywest-fl.gov' <mayor@cityofkeywest-fl.gov'; 'citymanager@cityofkeywest-fl.gov' <citymanager@cityofkeywest-fl.gov'
fl.gov>; 'DistrictIV@cityofkeywest-fl.gov' <DistrictIV@cityofkeywest-fl.gov>; 'landryl@ci.amarathon.fl.us' <landryl@ci.amarathon.fl.us' >
'lynny@ci.marathon.fl.us' <lynny@ci.marathon.fl.us>; 'matlockk@ci.marathon.fl.us' <matlockk@ci.marathon.fl.us>;
'smithi@ci.marathon.fl.us' <smithi@ci.marathon.fl.us>; 'stillr@ci.marathon.fl.us' <stillr@ci.marathon.fl.us>;
'Sharon.mahoney@islamorada.fl.us' <Sharon.mahoney@islamorada.fl.us>; 'don.horton@islamorada.fl.us'
<don.horton@islamorada.fl.us>; 'steve.friedman@islamorada.fl.us' <steve.friedman@islamorada.fl.us>; 'deb.gillis@islamorada.fl.us'
<deb.gillis@islamorada.fl.us>; 'anna.richards@islamorada.fl.us' <anna.richards@islamorada.fl.us>; 'jared@caldergrp.com'
<jared@caldergrp.com>; 'mjsellingparadise@gmail.com' <mjsellingparadise@gmail.com>; 'mfd354@aol.com' <mfd354@aol.com'>;
 'coralcin@yahoo.com' <coralcin@yahoo.com>; 'susang19@comcast.net' <susang19@comcast.net>; 'brucehalle@aol.com'
<<u>brucehalle@aol.com</u>>; KCB Mayor <<u>Mayor@keycolonybeach.net</u>>; Joey Raspe <<u>joey.raspe@keycolonybeach.net</u>>; Tom Harding
<tom.harding@keycolonybeach.net>; Tom DiFransico <tom.difransico@keycolonybeach.net>; Doug Colonell
<doug.colonell@keycolonybeach.net>; 'districtl@cityofkeywest-fl.gov' <districtl@cityofkeywest-fl.gov>; 'districtlV@cityofkeywest-fl.gov'
fl.gov' <districtIV@cityofkeywest-fl.gov>; 'districtII@cityofkeywest-fl.gov' <districtII@cityofkeywest-fl.gov>; 'districtV@cityofkeywest-fl.gov' <districtII@cityofkeywest-fl.gov>; 'districtII@cityofkeywest-fl.gov' <districtII@cityofkeywest-fl.gov' <districtII@cityofkeywest-fl.gov <districtII@cityofkeywest-fl.go
fl.gov' <districtV@cityofkeywest-fl.gov>; 'districtIII@cityofkeywest-fl.gov' <districtIII@cityofkeywest-fl.gov>;
 'districtVI@cityofkeywest.fl.gov' <districtVI@cityofkeywest.fl.gov>; 'rtoppino@fkaa.com' <rtoppino@fkaa.com'>; 'chiggins@fkaa.com'
<chiggins@fkaa.com>; 'jrobertdean@fkaa.com' <jrobertdean@fkaa.com>; 'tappell@fkaa.com' <tappell@fkaa.com'>;
 'nmulick@fkaa.com' <nmulick@fkaa.com>; 'Nicolas.rodriguez@klwtd.com' <Nicolas.rodriguez@klwtd.com>;
 'Philip.schwartz@klwtd.com' <Philip.schwartz@klwtd.com>; sue.heim <sue.heim@klwtd.com>; 'tim.maloney@klwtd.com'
<ti><tim.maloney@klwtd.com'; 'Robert.majeska@klwtd.com' <Robert.majeska@klwtd.com'; 'Hurley-Christine <Hurley-Christine 
Christine@MonroeCounty-FL.Gov>
Cc: 'Mooney, Jim' < jim.mooney@flhouse.gov>; 'rodriguez.anamaria.web@flsenate.gov' < rodriguez.anamaria.web@flsenate.gov>; 'Alex
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Cc: 'Mooney, Jim' < jim.mooney@flhouse.gov>; 'rodriguez.anamaria.web@flsenate.gov' < rodriguez.anamaria.web@flsenate.gov>; 'Alex Rickert' < alex@keysweekly.com>; 'Jill Zima' < jzimakeys@aol.com>; 'katrina.nichols@keysnews.com' < katrina.nichols@keysnews.com'>; 'cseymour@keysnews.com'>; 'mandy@keysweekly.com' < mandy@keysweekly.com'>; 'jim@keysweekly.com'>; 'jim@keysweekly.com'>; 'jomokw2@gmail.com'>; 'jomokw2@gmail.com'>; Jomokw2@gmail.com'>; Shillinger-Bob < Shillinger-Bob@MonroeCounty-FL.Gov>; Wilson-Kevin@MonroeCounty-FL.Gov>; Boan-Tina@MonroeCounty-FL.Gov>; Boan-Tina@MonroeCounty-FL.Gov>

Subject: RE: ne 11RE: Stewardship Interlocal Agreement Letter

Good Morning John. First I've copied all elected officials on this correspondence, since you opted to reach out to our elected board, I felt it was important to include all elected officials so everyone has the same correspondence.

ALSO: SINCE THIS IS SOMETHING ELECTED OFFICIALS VOTE ON, I'M SURE EVERYONE KNOWS NOT TO REPLY ALL WITH ANY RESPONSES TO AVOID A SUNSHINE LAW VIOLATION.

I'd like to address your message and the information you included in the attached letter. I've copied and pasted the contents of your letter so I can respond in green and those on the email can understand the message.

The City of Marathon, the Village of Islamorada, the Florida Keys Aqueduct Authority, the Key Largo Wastewater Treatment District, the City of Key Colony Beach, and the City of Layton have come together to draft and approve an Interlocal Agreement (ILA) Extension for distribution of Stewardship Funds under authority of the Florida Legislature and the Florida Department of Environmental Protection. The proviso language of the authorizing legislation states that:

"Funds in Specific Appropriation 1550 are provided to the Department of Environmental Protection for the purpose of entering into financial assistance agreements with local governments located in the Florida Keys Area of Critical State Concern or the City of Key West Area of Critical State Concern, to be distributed in accordance with the existing interlocal agreement among the Village of Islamorada, the Key Largo Wastewater Treatment District, the City of Marathon, the Monroe County/Florida Keys Aqueduct Authority, the City of Key West, and Key Colony Beach, to finance or refinance the cost of constructing sewage collection, treatment, and

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disposal facilities, building projects that protect, restore, or enhance nearshore water quality and fisheries, such as stormwater or canal restoration projects and projects to protect water resources available to the Florida Keys...."

All parties to the ILA extension have agreed to an equal split of the annual grant amount of \$20 million, with 12.5% going to each entity listed in the language, with the addition of the City of Layton in subsequent funding years. (Layton was left out of the FY 2025-26 proviso language.) Annual funding amounts will be based upon DEP evaluation, as well as project needs and readiness. Not sure how you propose, based on the ILA each local government passed, DEP to be involved in the evaluation of projects. Two years ago DEP and the Governor's office directed the Stewardship appropriation into a portal whereby each local government had to submit a grant application and DEP decided which projects to fund, based on their review of the project and what the project would accomplish to improve water quality. Under an ILA, which is the way the funding has been awarded for years preceding this change, each local government (through an ILA) received a portion of the funding, based on the water quality projects (mostly sewer) in the works and the funds were logically distributed based on project needs.

Monroe County and the City of Key West were invited to attend the discussions and negotiations that resulted in the drafting of this ILA with everyone as equal stakeholders – they declined to participate. Monroe County did NOT decline to participate. I've attached an email I sent on June 11, 2025 indicating we would participate beginning mid July. This is due to the budget exercise we just went through that diverted all my attention to that effort.

On the evening of Sunday, June 29, County Administrator Christine Hurley sent an email proposing two very different splits of the Stewardship funds. Under the "Population Model," instead of each entity receiving an equal share - 12.5% / \$2.5 million - the Hurley proposal suggested that Monroe County and the City of Key West should each receive \$6.4 million. All other jurisdictions would lose a significant share. Under the "Project Need Model," the County would take nearly \$11.5 million, Key West would receive \$4.6 million, and the rest would battle for scraps. Key West City Manager Brian Barroso was quick to sign on in support of the Hurley proposals. After receiving several emails from George Garrett, Marathon City Manager, trying to rush the ILA, I called George and explained to him several things: First, we met with DEP Secretary on June 10 and he indicated to us (which I relayed to George) that DEP would be opening the portal again this year unless an interlocal agreement could be completed by June 30. Because of this, I knew there was no rush to complete an ILA for this year's \$20M funding allocation and that we could work toward the ILA for next years funding. This would enable us to take our time and do a thorough review of the project needs of each local government and recommend to our boards a methodology to address water quality needs overall and come to an agreement about the funding. I sent the email (attached hereto for everyone to review) because I saw emails from Key West that they did not agree with the equal split of funding. Most importantly, in that email, I identified the fact that each local government does not have a need for \$12,500,000 in projects over a 5 year term and therefore, we cannot recommend to our board an equal funding amount, across the board, for each jurisdiction in the Keys as follows: (I would note, no one responded to the email I sent related to this issue, except Key West - each local government could have responded and identified how I was wrong or not reading the ILA correctly - but nothing......until this email from you yesterday)

An equal distribution of the \$20M for 8 entitles results in \$2,500,000 for each entity. The problem I see with that is Layton has indicated they have 1 canal to be improved; so I'm not sure allocating \$2.5M to them annually meets the intent of the funding. Key Colony Beach indicated they have about \$7M of projects during the FKWQIP meetings, when each group (except Marathon) sent in their list of projects that they need to complete that improve water quality. In the draft interlocal agreement George Garett circulated with a 5 year term, Key Colony would receive \$12,500,000 (more than they indicated they need for their list of projects which total \$7M during the FKWQIP meetings).

It seems as if the County's approach minimizes the need for continued wastewater and stormwater project funding. The DEP considers wastewater and stormwater to be the two greatest contributors to nearshore water degradation, with canal restoration considered a much lower priority: "It doesn't make sense to clean canals while the source of their pollution remains unchecked." All stakeholders have significant wastewater and stormwater projects that remain the DEP's highest priorities. I'm not at all sure what you're referring to with this statement. We continue to seek funding for all types of projects to improve water quality and we are trying to make sure we are aligned with DEP on this, given the Stewardship funding is precious to all of us and we work with our local delegation each year to secure the funds through quite an intense process. I don't know where you are obtaining this information from DEP where you included this quote: 'It doesn't make sense to clean canals while the source of their pollution remains unchecked." Further, in the most recent ACSC Annual Report, approved by the Administration Commission last month, wastewater projects were deemed complete in the Keys. Are you trying to say canal restoration are NOT a water quality improvement project priority? Monroe County's Comprehensive Plan includes, at the request of Commerce (FKA DEO) policies requiring us to improve canal water quality.

The stakeholders who are party to this ILA extension – which was passed by the governing board of each local jurisdiction – strongly insist upon a more fair and equitable sharing of resources. Each of the signatories to the ILA and this letter have multiple millions of water quality improvement projects. Each of us realizes that even a consistent annual \$20 million in Stewardship funds won't cover the costs of all our projects. I have not heard or seen any correspondence from Layton or KCB where each municipality has projects greater than the share of the Stewardship funds you have now adopted in an ILA. If that is the case, I think KCB and Layton should have identified that fact by responding to my email of June 29. As stated previously, KCB submitted to the staff group of county/city managers about \$7M in project needs. Layton has indicated to me they need to restore 1 canal and estimate the cost to be about \$1-\$2 Million. A fair and equitable distribution allows us all to come together and successfully lobby the Legislature to continue this amount of funding. As stated, I'm looking for a fair solution; but one that makes sense from a project perspective.

This "coming together," presenting a unified voice to Tallahassee and Washington, is what has enabled us to be successful in lobbying for Stewardship, FKWQIP, and other funds. This splintering of the coalition will not be beneficial in future efforts if we all lobby individually for a bigger slice of the pie. There are many other grant and funding opportunities where we can go after money as individual entities. Stewardship should never be one of them. I couldn't agree more; but responsible governments should seek accurate, fair information to use to inform our elected bodies in their decision making, utilizing project needs as the basis for the distribution.

The signatories to this letter strongly encourage the City of Key West and Monroe County to come aboard as full participants in this ILA, and not further policies that will damage relationships and derail future efforts to continue and preserve our existing Stewardship funding. As stated, from our perspective, an equal distribution doesn't make sense and we look forward to future staff meetings where we can talk about each local government's identified needs and funding those needs through sharing of the Stewardship funding. I still propose we use a methodology similar to the one in my email from June 29 which would yield something like this (dependent upon the magnitude of project needs). Each local government, except Marathon and Layton (as Layton wasn't included in the meeting, given the fact that they haven't been an FKWQIP recipient), provided their list of projects demonstrating the need during staff meetings about how to distribute FKWQIP funds. They were:

Entity	Project Need	
Monroe County	\$ 672,000,000	
KLWTD	\$ 42,000,000	
FKAA	\$ 25,000,000	
City of Key West	\$ 268,000,000	
City of Marathon	\$ 60,000,000	
Village of Islamorada	\$ 93,000,000	
City of Key Colony Beach	\$ 7,000,000	
City of Layton**	\$ 2,000,000	Ī
	\$ 1,169,000,000	Ī

Proposed split of \$20 Million in Stewardship funding for NEW interlocal agreement based on Population

Entity	Рор	96	Sha	are	County h	AN-CARLO MAINTE	Difference if MC uses KW dollar amount and the difference goes to KLWTD and FKAA based on population they serve	Entity	Pop Served	%	17.00	ewardship nual Share
Monroe County	38,702	46.10%	\$ 9	9,220,360	\$ 6,	442,006	\$ 2,778,354				\$	6,442,006
								KLWTD*	12,065	31.17%	\$	866,127
								FKAA*	26,637	68.83%	\$	1,912,227
CityofKeyWest	27,040	32.21%	\$ 6	5,442,006		777100000000000000000000000000000000000					\$	6,442,006
City of Marathon	9,926	11.82%	\$ 2	2,364,769							\$	2,364,769
Village of Islamorada	7,272	8.66%	\$ 1	1,732,480							\$	1,732,480
City of Key Colony Beach	807	0.96%	\$	192,260	Comments of the Comments of th						\$	192,260
City of Layton**	202	0.24%	\$	48,124				SECOND DESCRIPTION			\$	48,124
	83,949	100%	S 20	0,000,000	\$ 17.	221,646			38702		5	20,000,000

KLWTD and FKAA provide sewer service to portions of unincorporated Monroe County

** Layton not included in budget proviso language

I recognize the smaller distributions for Layton and KCB need to be evaluated and could be grouped into one year of an ILA so they could accomplish an actual project. This is something we can talk about and develop based on project readiness.

Most importantly, each local government has needs for projects to improve water quality and when a project is done in the Keys it helps all of us. From our perspective, given the vast land area the County covers, along with our two partner providers (KLWTD and FKAA), the lion's share of projects are within our jurisdiction; so an equal share of funds by each jurisdiction doesn't represent the "need" of each area appropriately. That is why I proposed TWO alternatives for distribution, intended for discussion, in my June 29 email to all the managers of each jurisdiction.

Finally, let's all remember, these are State funds, that the State appropriates to ensure the most effective water quality projects to protect the outstanding waters of the Florida Keys. Both the Governor's office and DEP have signaled to us that they want to make sure they have input into the selection and resulting water quality improvement of projects. That is why they prefer the portal.

We're hoping they will accept an interlocal agreement for the future; but it isn't assured, so, we need to be sure all proposed projects meet the State's expectations.

DEP opened the portal on July 7 for the 2026 Stewardship funding. So, the rush and immediacy is not there. I do believe George Garrett thought he could rush to an ILA for FY26 funding; but once that timing passed, it was 14th

possible to accomplish.

As previously indicated, now that we are through our first budget meeting, the County is available to meet with all entities to discuss a future ILA that we could use for the FY27 State budget.

We, as always, support our fellow local governments. We have conducted vulnerability assessments, watershed management plans, mobile lidar, and are now finishing the street adaptation conceptual plans on behalf of the municipalities. Our Commissioners represent all of your constituents, have supported cooperative efforts with municipalities, and continue to stand in partnership with our fellow local governments for the benefit of all Keys residents.

Christine Hurley, AICP Monroe County (Florida Keys) Administrator 1100 Simonton Street Key West, Florida, 33040

From: John Bartus < cityadministrator@keycolonybeach.net>

Sent: Wednesday, July 23, 2025 5:09 PM

To: Hurley-Christine < Hurley-Christine@MonroeCounty-FL.Gov>; Cates-Craig < Cates-Craig@MonroeCounty-FL.Gov>; BOCCDIS2 < boccdis2@monroecounty-fl.gov>; BOCCDIS3@MonroeCounty-FL.Gov>; BOCCDIS4 < BOCCDIS4@MonroeCounty-FL.Gov>; BOCCDIS5@MonroeCounty-FL.Gov>; DistrictIl@cityofkeywest-fl.gov; District

Cc: Mooney, Jim <jim.mooney@flhouse.gov>; rodriguez.anamaria.web@flsenate.gov; Alex Rickert <alex@keysweekly.com>; Jill Zima <jzimakeys@aol.com>; katrina.nichols@keysnews.com; cseymour@keysnews.com; mandy@keysweekly.com; jim@keysweekly.com; dgoodhue@flkeysnews.com; jomokw2@gmail.com

Subject: Stewardship Interlocal Agreement Letter

CAUTION: This email originated from outside of the County. Whether you know the sender or not, do not click links or open attachments you were not expecting.

Good afternoon,

The Mayors, Chairs, Officials, Managers, and Directors of these six Florida Keys agencies and governments have asked me to send this letter on everyone's behalf. The Cities of Marathon, Key Colony Beach, and Layton, the Village of Islamorada, the Florida Keys Aqueduct Authority, and the Key Largo Wastewater Treatment District have all signed on to an Interlocal Agreement extension for the distribution of Stewardship Act funds authorized and appropriated by the Florida Legislature this year. All the signatories are hopeful that Monroe County and the City of Key West will join us in this agreement. The letter and ILA are both attached.

Thank you,

John Bartus

City Administrator

City of Key Colony Beach

305.849.0273 cell

305.289.1212

Please note: Florida has a very broad public records law. Written communications to or from this office regarding State or County or City business constitute public records and are available to the public and media upon request unless the information is subject to a specific statutory exemption. Therefore, your email message may be subject to public disclosure.

Agenda Item Number: H-1

Meeting Date:

General Manager

		Action Required:
		No
Department:	Sponsor:	
IT	Manny Santana	
Subject:		
IT Report - June 202	5	
Summary:		
Mr. Santana will present	t the IT monthly report.	
Mr. Santana will present	t the IT monthly report.	
Mr. Santana will present	t the IT monthly report.	
Mr. Santana will present	t the IT monthly report.	
Mr. Santana will present	t the IT monthly report.	
Mr. Santana will present	t the IT monthly report.	
		Attachments
Reviewed / Approved	<u>Financial Impact</u>	Attachments 1. Monthly Report
Reviewed / Approved Operations:		Attachments 1. Monthly Report
Reviewed / Approved	Financial Impact	
Reviewed / Approved Operations:	Financial Impact \$ Funding Source:	
Reviewed / Approved Operations: Administration:	Financial Impact	
Reviewed / Approved Operations: Administration: Finance:	Financial Impact \$ Funding Source:	

IT

The IT Department received 772 tickets and completed 785 tickets in June.

Project	Cost	Description
Comcast Fiber installation.	0\$	 Fiber installed at the plant and Admin. Awaiting Final inspection.

Agenda Item Number: T-1

Meeting Date:

Approved By:

August 5, 2025		_	
		Action Required: No	
Department:	Sponsor:		
Customer Service	Connie Fazio		
Subject:			
Customer Service Rep	oort - June 2025		
Summary:			
Ms. Fazio will present th	e Customer Service monthly rep	ort.	
Deviewed / American	Financial Impact	Attachments_	1
Reviewed / Approved	\$	1. Monthly Report	
Operations:	\$	and the second s	
Administration:	F		
Finance:	Funding Source:		
District Counsel:	N/A		
District Clerk:	Budgeted: N/A		

_ Date: 7-31-25

Key Largo Wastewater Treatment District Customer Service Report

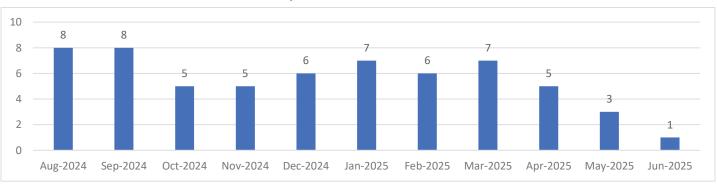
June 2025

The numbers provided are based on customer requests that generated a work order.

Customer Service Requests

	Total
Billing	7
Demo	3
Field Department	11
Locate	1
MOD	2
NOA	7
Tie In Res	1
Total	32

Number of Completed Wastewater Connections



Completed Wastewater Connection of 1 Residential Property:

New Connections:

Reconnections:

116 Hilson Ct

Meeting Date:		Agenda Item Number: J-1
August 5, 2025		
		Action Required:
		No
Department:	Sponsor:	
Budget and Finance	General Manager	
Subject:		
FY2026 Preliminary	Budget	
Summary of Discussion: KLWTD's Fiscal Year 20	26 preliminary budget and revise	ed staffing summary will be
KLWTD's Fiscal Year 20 presented to the Board	26 preliminary budget and revise for review. The proposed budge ht to the Board on August 19, 20	et, budget narrative and
KLWTD's Fiscal Year 20 presented to the Board	for review. The proposed budge	et, budget narrative and
KLWTD's Fiscal Year 20 presented to the Board resolution will be broug	for review. The proposed budge that to the Board on August 19, 20	Attachments 1. FY26 Preliminary Budget
KLWTD's Fiscal Year 20 presented to the Board resolution will be broug	for review. The proposed budge that to the Board on August 19, 20	et, budget narrative and 025. Attachments
KLWTD's Fiscal Year 20 presented to the Board resolution will be broug Reviewed / Approved Operations: Administration:	for review. The proposed budge that to the Board on August 19, 20	Attachments 1. FY26 Preliminary Budget
KLWTD's Fiscal Year 20 presented to the Board resolution will be broug Reviewed / Approved Operations: Administration: Finance:	for review. The proposed budge ht to the Board on August 19, 20 Financial Impact \$ 26,108,880.00	Attachments 1. FY26 Preliminary Budget
KLWTD's Fiscal Year 20 presented to the Board resolution will be broug Reviewed / Approved Operations:	Financial Impact \$ 26,108,880.00 Funding Source:	Attachments 1. FY26 Preliminary Budget



KLWTD FY2026 PRELIMINARY BUDGET

	GL Number	Description	FY25 Adopted Budget	Projected Total for FY25	FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant:	Reserves:
	Revenues									
1	401-0000-325.100.00	Non Ad Valorem Assessments	3,295,000	3,301,200	3,098,450	-196,550				
2	401-0000-343.500.00	Wastewater Service Revenue	7,600,000	7,274,606	8,002,067	402,067				
3	401-0000-343.550.01	Islamorada Wastewater Flow Revenue	1,300,000	1,260,569	1,300,000	0				
4	401-0000-343.550.02	Salinity Surcharge - Islamorada	0	39,766	0	0				
5	401-0000-343.550.03	Islamorada Insurance Surcharge	66,000	66,000	68,000	2,000				
6	401-0000-343.600.00	Monroe County ILA	2,125,000	2,125,000	125,000	-2,000,000				
7	401-0000-361.100.00	Interest Income	900,000	1,381,447	1,200,000	300,000				
8	401-0000-369.900.00	Miscellaneous Revenues	100,000	54,635	55,000	-45,000				
9	401-5900-325.100.01	SDC Prepayments	100,000	62,018	75,000	-25,000				
10	401-5900-334.350.01	ACOE Grant Revenue	1,990,000	0	1,000,000	-990,000				
11	401-5900-334.350.02	Stewardship Grant	5,659,628	3,237,337	7,225,000	1,565,372				
12	401-5900-334.350.03	Sea Level Rise Grant	2,076,373	0	0	-2,076,373				
13	New GL code	Resilient FL Grant (mitigation)	0	0	1,000,000	1,000,000				
14	401-5900-389.000.00	Cash on Hand	-1,230,570	0	-261,182	969,388				
15	401-5900-389.000.01	Planned Use of R&R Reserves	2,346,118	0	1,662,584	-683,534				
16	401-5900-389.000.02	Debt Service Reserves	0	0	1,558,961	1,558,961				
		TOTAL REVENUES:	26,327,549	18,802,579	26,108,880	-218,669				

	GL Number	Description	FY25 Adopted Budget	Projected Total for FY25	FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant:	Reserves:
	Non-Departmental Expenses									
17	401-0000-581.000.01	Transfer to Repair & Replacement Fund	1,200,000	1,200,000	1,200,000	0				
18	401-0000-581.000.02	Transfer to Insurance Deductible Reserve	50,000	50,000	50,000	0				
19	401-0000-720.000.00	Debt Service Transfer	1,558,961	1,558,960	1,558,961	0				
	TOTAL NON-D	EPARTMENTAL EXPENSES	2,808,961	2,808,960	2,808,961	0				
	ADMINISTRATIVE DEPT									
20	401-5130-110.000.00	Payroll-Board Meeting Compensation	69,076	64,143	71,218	2,142				
21	401-5130-120.000.00	Payroll-Administration	558,243	531,219	597,260	39,017				
22	401-5130-210.000.00	Payroll Taxes	47,990	44,459	51,139	3,149				
23	401-5130-220.000.00	Retirement Contributions	37,639	21,838	38,904	1,265				
24	401-5130-230.000.00	Group Health Premiums	79,060	75,196	81,432	2,372				
25	401-5130-230.001.00	Employee Benefit Administration Fees	500	0	500	0				
26	401-5130-230.002.00	Group Life Insurance	904	822	904	0				
27	401-5130-240.000.00	Workers Compensation Insurance	1,250	1,191	1,400	150				
28	401-5130-250.000.00	Unemployment Compensation	10,000	0	4,000	-6,000				
29	401-5130-311.000.00	Professional Services: Website & Misc.	17,000	14,955	17,000	0				
30	401-5130-311.000.01	Prof. Svcs: Alarm & Fire Monitoring	1,500	1,372	1,500	0				
31	401-5130-311.000.02	Prof Svcs: Fire Systems Maintenance Svcs	3,000	2,580	3,740	740				
32	401-5130-311.000.03	Prof. Svcs: Managed IT Services	23,100	20,400	23,100	0				
33	401-5130-311.000.05	Prof,Svcs: NWPS 457(b) Admin Fee	3,500	0	3,500	0				
34	401-5130-311.000.07	Professional Svcs: IT Security Svcs	42,500	23,151	42,500	0				

	GL Number	Description	FY25 Adopted Budget	Projected Total for FY25	FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant: (Potential)	Reserves:
35	401-5130-311.000.11	Professional Services: Safety Training	1,000	0	1,000	0				
36	401-5130-311.000.14	Professional Svcs: Mobile Device Mgmt	4,100	4,080	5,500	1,400				
37	401-5130-311.002.00	Professional Svcs: FKAA Billing Services	315,000	285,310	325,458	10,458				
38	401-5130-311.003.00	Professional Svcs: Tax Collector Fees	11,000	11,000	11,000	0				
39	401-5130-311.004.00	Professional Svcs: Utility Rate Consult	25,000	12,494	0	-25,000				
40	401-5130-311.005.00	Professional Svcs: Tax Roll Svc	1,700	2,000	2,500	800				
41	401-5130-311.006.00	Professional Svcs: Engineering	10,000	12,981	15,000	5,000				
42	401-5130-312.000.01	Professional Svcs: Lobbyists-Henderson	60,100	60,171	60,100	0				
43	401-5130-312.000.02	Professional Svcs: Lobbyists-Hicks	45,000	45,000	45,000	0				
44	401-5130-313.001.13	Professional Svcs: Legal-General Counsel	101,210	101,000	101,210	0				
45	401-5130-313.001.14	Professional Svcs: Legal-Outside Counsel	20,000	2,361	10,000	-10,000				
46	401-5130-320.000.01	Professional Svcs: Accounting/Audit Svcs	38,000	37,500	35,000	-3,000				
47	401-5130-320.000.02	Professional Svcs: Finance Director	91,092	91,092	91,092	0				
48	401-5130-320.000.03	Professional Svcs: General Manager Svcs.	159,692	159,692	159,692	0				
49	401-5130-341.000.02	BSA Software	0	0	40,482	40,482				
50	401-5130-341.000.04	GIS Services (ESRI)	11,500	11,900	0	-11,500				
51	401-5130-341.000.05	EMAIL APPLICATIONS/MICROSOFT	16,000	13,200	20,000	4,000				
52	401-5130-341.000.11	Document Management (M-Files)	3,000	3,591	6,000	3,000				
53	401-5130-400.000.01	General Manager Travel & Training	12,000	7,782	10,000	-2,000				
54	401-5130-400.000.02	Clerk Travel & Training	2,500	0	2,500	0				
55	401-5130-400.000.03	Other Travel & Training	20,000	14,178	15,000	-5,000				
56	401-5130-410.000.02	Advanced Cellular Svc / AT&T FirstNet	6,500	5,755	6,000	-500				
57	401-5130-410.000.04	Internet (Comcast & AT&T)	7,000	6,201	6,300	-700				
58	401-5130-410.000.05	Telephones / Data Comms	1,200	908	1,000	-200				
59	401-5130-410.000.07	VOIP	3,600	2,904	3,600	0				

	GL Number		FY25 Adopted Budget	Projected Total for FY25	FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant: (Potential)	Reserves:
60	401-5130-410.000.08	GPS / Fleet Services	275	233	250	-25				
61	401-5130-411.000.02	IT:Hardware Repair Parts & Maint Upgrades	7,000	762	4,000	-3,000				
62	401-5130-411.000.03	IT: Software and Software Upgrades	36,720	44,435	32,805	-3,915				
63	401-5130-411.000.05	Bus. Cont. & IT Disaster Rcvry & Backup	17,000	16,747	18,980	1,980				
64	401-5130-420.000.00	Postage & Delivery Expense	2,700	1,899	2,700	0				
65	401-5130-430.000.00	Water (Utility)-District Office	600	477	700	100				
66	401-5130-432.000.00	Facility Cleaning	21,000	18,514	21,000	0				
67	401-5130-432.001.00	Solid Waste	1,700	1,381	1,700	0				Ш
68	401-5130-435.000.00	Electricity	4,400	2,877	3,300	-1,100				
69	401-5130-440.000.00	Rents & Leases	1,000	0	1,000	0				
70	401-5130-450.000.00	Insurance (excluding W-Comp & Health)	432,882	451,914	483,807	50,925				
71	401-5130-460.000.01	Repairs & Maintenance: Grounds Keeping	5,000	3,572	4,000	-1,000				
72	401-5130-460.000.02	Repairs & Maintenance: Vehicles	1,500	751	2,000	500				
73	401-5130-460.000.04	Repairs & Maintenance: Bldgs & Equip	30,000	17,262	20,000	-10,000				
74	401-5130-470.000.00	Copier	7,260	5,426	7,000	-260				
75	401-5130-480.000.00	Advertisements	10,000	6,436	10,000	0				
76	401-5130-491.000.01	Storm Supplies & Preparation	2,000	800	2,000	0				
77	401-5130-492.000.00	Bank Fees	500	197	500	0				
78	401-5130-510.000.01	Office Supplies	12,000	13,124	14,000	2,000				
79	401-5130-510.000.02	Printings	3,000	1,402	2,500	-500				
80	401-5130-510.000.03	Office Furnishings	5,000	3,325	4,000	-1,000				
81	401-5130-520.000.01	Employee Clothing/Uniforms	1,500	500	1,000	-500				
82	401-5130-520.007.00	Regulatory, Permit & Recording Fees	1,000	1,695	2,000	1,000				
83	401-5130-520.010.02	Fuel: Vehicles	1,000	106	500	-500				

	GL Number	Description	FY25 Adopted Budget		FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant: (Potential)	Reserves:
84	401-5130-521.000.00	Board: Travel, Admin, Office Supplies	6,000	7,326	8,000	2,000				
85	401-5130-540.000.02	Clerk Dues	350	334	500	150				
86	401-5130-540.000.03	Other Dues and Subscriptions	11,000	9,585	10,000	-1,000				
87	401-5130-645.000.00	Capital Outlay: IT Equipment	8,500	5,001	0	-8,500				
	TOTAL A	DMINISTRATIVE DEPT	2,492,343	2,308,511	2,569,773	77,430				
	PLANT DEPT									
88	401-5351-120.000.00	Payroll-Plant	499,307	453,401	527,824	28,517				
89	401-5351-210.000.00	Payroll Taxes	38,197	34,143	40,379	2,182				
90	401-5351-220.000.00	Retirement Contributions	28,539	19,589	31,669	3,130				
91	401-5351-230.000.00	Group Health Premiums	79,060	81,160	81,432	2,372				
92	401-5351-230.002.00	Group Life Insurance	494	471	494	0				
93	401-5351-240.000.00	Workers Compensation Insurance	10,250	9,386	10,500	250				
94	401-5351-311.000.01	Prof. Svcs: Alarm & Fire Monitoring	1,600	360	500	-1,100				
95	401-5351-311.000.02	Prof Svcs: Fire Systems Maintenance Svcs	6,210	4,730	5,000	-1,210				
96	401-5351-311.000.03	Prof. Svcs: Managed IT Services	23,100	20,400	23,100	0				
97	401-5351-311.000.11	Professional Services: Safety Training	1,500	720	2,000	500				
98	401-5351-311.000.16	Plant Operating Consultant	0	6,000	0	0				
99	401-5351-311.006.00	Professional Services: Engineering	75,000	111,118	80,000	5,000				
100	401-5351-311.006.01	Engineering: Islamorada Misc Engineering	20,000	3,566	25,000	5,000				
101	401-5351-400.000.00	Training, Education & Travel	5,000	1,687	2,500	-2,500				
102	401-5351-410.000.02	Advanced Cellular Svc / AT&T FirstNet	1,000	965	2,100	1,100				
103	401-5351-410.000.04	Internet (Comcast & AT&T)	6,300	6,201	6,300	0				

	GL Number		FY25 Adopted Budget	Projected Total for FY25	FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant: (Potential)	Reserves:
104	401-5351-410.000.05	Telephones / Data Comms	1,500	974	1,000	-500				
105	401-5351-410.000.08	GPS / Fleet Services	275	201	250	-25				
106	401-5351-410.000.09	Radios / P25 MCSO Agreement	750	571	750	0				
107	401-5351-410.000.10	Plant Gate Data Service	1,500	1,291	1,500	0				
108	401-5351-411.000.02	IT:Hardware Repair Parts & Maint Upgrades	6,000	1,780	4,000	-2,000				
109	401-5351-411.000.05	Bus. Cont. & IT Disaster Rcvry & Backup	13,500	14,196	18,600	5,100				
110	401-5351-420.000.00	Postage & Delivery Expense	28,000	25,491	28,000	0				
111	401-5351-430.000.00	Water- Plant	5,200	4,895	5,500	300				
112	401-5351-432.000.00	Facility Cleaning	4,950	4,114	4,950	0				
113	401-5351-432.001.00	Solid Waste	12,000	10,173	12,000	0				
114	401-5351-435.000.00	Electricity - Plant	450,000	456,735	480,000	30,000				
115	401-5351-440.000.00	Rents & Leases	7,000	5,300	7,000	0				
116	401-5351-460.000.01	Repairs & Maintenance: Grounds Keeping	6,000	0	6,000	0				Ш
117	401-5351-460.000.02	Repairs & Maintenance: Vehicles	1,000	59	1,000	0				Ш
118	401-5351-460.000.03	Repairs & Maintenance: Equipment	300,000	255,266	300,000	0				
119	401-5351-460.000.04	Repairs & Maintenance: Buildings	40,000	20,468	40,000	0				Ш
120	401-5351-491.000.01	Storm Supplies & Preparation	2,000	0	2,000	0				Ш
121	401-5351-510.000.01	Office Supplies	3,500	4,127	4,500	1,000				
122	401-5351-510.000.03	Office Furnishings	1,500	684	1,500	0				Ш
123	401-5351-511.000.00	Safety Supplies	3,500	6,335	7,500	4,000				Щ
124	401-5351-520.000.00	Employee Uniforms / Clothing	1,500	801	1,500	0				Ш
125	401-5351-520.001.00	Lab Services (sample analysis)	50,000	37,145	46,000	-4,000				Ш
126	401-5351-520.002.00	Sludge Handling	840,000	1,068,000	1,150,000	310,000				Щ
127	401-5351-520.003.00	Chemicals	800,000	657,455	750,000	-50,000				

	GL Number	Description	FY25 Adopted Budget			Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant: (Potential)	Reserves:
128	401-5351-520.004.00	Lab Supplies	40,000	33,022	40,000	0				
129	401-5351-520.005.00	Supplies & Tools (plant operations)	12,000	15,261	18,000	6,000				
130	401-5351-520.006.00	Immunizations	1,200	0	1,200	0				
131	401-5351-520.007.00	Regulatory/ Permit Fees	6,500	6,500	1,000	-5,500				
132	401-5351-520.010.01	Fuel: Equipment	1,000	338	500	-500				
133	401-5351-520.010.02	Fuel: Vehicles	1,000	576	1,000	0				
134	401-5351-520.010.03	Fuel: Generators	5,500	5,500	7,000	1,500				
135	401-5351-540.000.00	Dues & Subscriptions	400	0	400	0				
136	401-5351-645.000.00	Capital Outlay - Computer Equipment	5,500	17,308	0	-5,500				
	то	TAL PLANT DEPT	3,448,332	3,408,462	3,781,448	333,116				
	FIELD DEPT									
137	401-5352-120.000.00	Payroll-Field	1,336,596	1,249,954	1,532,235	195,639				
138	401-5352-210.000.00	Payroll Taxes	102,250	94,476	117,216	14,966				
139	401-5352-220.000.00	Retirement Contributions	78,420	46,366	91,934	13,514				
140	401-5352-230.000.00	Group Health Premiums	224,002	220,165	230,722	6,720				
141	401-5352-230.002.00	Group Life Insurance	1,397	1,354	1,400	3				
142	401-5352-240.000.00	Workers Compensation Insurance	24,000	24,620	25,600	1,600				
143	401-5352-311.000.01	Prof. Svcs: Alarm & Fire Monitoring	2,500	2,122	2,400	-100				
144	401-5352-311.000.02	Prof Svcs: Fire Systems Maintenance Svcs	17,000	18,446	19,000	2,000				
145	401-5352-311.000.03	Prof. Svcs: Managed IT Services	23,100	20,400	23,100	0				
146	401-5352-311.000.11	Professional Services: Safety Training	3,500	1,560	7,500	4,000				
147	401-5352-311.000.15	Solar Maintenance Contract	12,500	0	12,500	0				

	GL Number	Description	FY25 Adopted Budget	Projected Total for FY25	FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant:	Reserves:
148	401-5352-311.006.00	Professional Services: Engineering	75,000	59,711	80,000	5,000				
149	401-5352-341.000.06	GPServ/Trimble	4,100	3,979	4,100	0				
150	401-5130-341.000.04	GIS Services (ESRI)		0	12,500	12,500				
151	401-5352-341.000.13	GIS Upgrade	46,440	36,797	60,000	13,560				
152	401-5352-400.000.00	Training, Education & Travel	11,000	2,586	18,000	7,000				
153	401-5352-410.000.02	Advanced Cellular Svc / AT&T FirstNet	7,000	6,003	6,600	-400				
154	401-5352-410.000.04	Internet (Comcast & AT&T)	19,000	18,063	18,500	-500				
155	401-5352-410.000.05	Telephones / Data Comms	7,800	5,704	6,000	-1,800				
156	401-5352-410.000.08	GPS / Fleet Services	2,800	3,261	3,500	700				
157	401-5352-410.000.09	Radios / P25 MCSO Agreement	3,750	2,567	3,750	0				
	401-5352-411.000.02	IT: Hardware Repair Parts & Maint Upgrades	6,000		6,000	0				
	401-5352 -411.000.03 NEW	IT: Software and Software Upgrades	0	,		10,500				\vdash
	401-5352-411.000.05	Bus. Cont. & IT Disaster Rovry & Backup	17,000			625				\vdash
161	401-5352-430.000.01	Water-Vac Station A	450			100				\vdash
	401-5352-430.000.02	Water Vac Station D	450		550 400	100				\vdash
	401-5352-430.000.03 401-5352-430.000.04	Water- Vac Station F Water- Vac Station G	450 450			-50 -50				\vdash
164	401-5352-430.000.05	Water- Vac Station I - house				450				\vdash
165	401-5352-430.000.06	Water- Vac Station I & Office	450 800		900 500	-300				\vdash
166	401-5352-430.000.07	Water- Vac Station JK	550							\vdash
	401-5352-430.000.07	Water- Humpty Dumpty	300							$\vdash \vdash$
	401-5352-430.000.09	Water- Harborage								$\vdash \vdash$
		i i	300							\vdash
	401-5352-430.000.12	Water - Peter Pan	300							\vdash
	401-5352-430.000.13 D Preliminary FY26 Budget	Water - Coastal WW	300 Page 8 of 14	0	0	-300			 28	

	GL Number	Description	FY25 Adopted Budget	Projected Total for FY25	FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant: (Potential)	Reserves:
172	401-5352-432.000.00	Facility Cleaning	12,100	9,257	12,100	0				
173	401-5352-432.001.00	Solid Waste	3,000	304	3,000	0				
174	401-5352-435.000.01	Electricity- Vac Station A	75,000	77,844	83,750	8,750				
175	401-5352-435.000.02	Electricity- Vac Station D	75,000	72,959	78,000	3,000				
176	401-5352-435.000.03	Electricity- Vac Station E	50,000	50,970	55,000	5,000				
177	401-5352-435.000.04	Electricity- Vac Station F	2,500	1,771	2,500	0				
178	401-5352-435.000.05	Electricity- Vac Station G	35,000	39,126	40,000	5,000				
179	401-5352-435.000.06	Electricity- Vac Station I	15,000	12,150	11,000	-4,000				
180	401-5352-435.000.07	Electricity- Vac Station I - house	2,000	1,312	2,000	0				
181	401-5352-435.000.08	Electricity- Vac Station I - office	2,000	1,380	2,000	0				
182	401-5352-435.000.09	Electricity- Vac Station JK	55,000	47,732	55,000	0				
183	401-5352-435.000.11	Electricity- Humpty Dumpty	1,000	669	1,000	0				
184	401-5352-435.000.12	Electricity- Harborage	1,000	797	1,000	0				
185	401-5352-435.000.13	Electricity-Coastal WW/Largo Pk Lift Sta	1,200	695	1,000	-200				
186	401-5352-435.000.14	Electricity-Peter Pan/Tweedy Pie	800	655	800	0				
187	401-5352-440.000.00	Rents & Leases	5,000	0	6,000	1,000				
188	401-5352-460.000.01	Repairs & Maintenance: Grounds Keeping	17,500	12,000	15,000	-2,500				
189	401-5352-460.000.02	Repairs & Maintenance: Vehicles	25,000	53,823	30,000	5,000				
190	401-5352-460.000.03	Repairs & Maintenance: Equipment	220,000	314,104	300,000	80,000				
191	401-5352-460.000.04	Repairs & Maintenance: Buildings	25,000	39,517	35,000	10,000				
192	401-5352-460.000.05	Repairs & Maintenance: Collection System	100,000	49,321	100,000	0				
193	401-5352-460.000.05-CS SEWER	Repairs & Maintenance: Coll Sys/Cust Svc	2,000	598	2,000	0				
194	401-5352-460.000.08	Grinder Pump Monitoring	4,500	2,149	4,500	0				
195	401-5352-470.000.00	Copier	1,980	2,061	1,980	0				

	GL Number	Description	FY25 Adopted Budget		FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant: (Potential)	Reserves:
196	401-5352-491.000.01	Storm Supplies & Preparation	2,000	1,975	2,000	0				
197	401-5352-510.000.01	Office Supplies	2,500	880	2,500	0				
198	401-5352-510.000.03	Office Furnishings	3,000	0	3,000	0				
199	401-5352-511.000.00	Safety Supplies	5,000	13,824	5,000	0				
200	401-5352-520.000.00	Employee Uniforms / Clothing	3,200	168	3,200	0				
201	401-5352-520.005.00	Supplies and Tools (field operations)	46,000	29,137	46,000	0				
202	401-5352-520.006.00	Immunizations	1,500	1,201	1,500	0				
203	401-5352-520.010.01	Fuel: Equipment	2,000	193	2,000	0				
204	401-5352-520.010.02	Fuel: Vehicles	40,000	38,516	40,000	0				
205	401-5352-520.010.03	Fuel: Generators	8,500	8,500	11,000	2,500				
205	401-5352-540.000.00	Dues & Subscriptions	100	0	100	0				
206	401-5352-645.000.00	Capital Outlay - Computer Equipment	7,000	8,452	0	-7,000				
	тс	TAL FIELD DEPT	2,882,335	2,784,473	3,274,252	391,917				
	FACILITIES DEPT									
207	401-5354-120.000.00	Payroll-Facilities	598,289	560,463	695,356	97,067				
208	401-5354-210.000.00	Payroll Taxes	45,769	42,557	53,195	7,426				
209	401-5354-220.000.00	Retirement Contributions	35,897	30,805	41,721	5,824				
210	401-5354-230.000.00	Group Health Premiums	92,236	100,227	103,590	11,354				
211	401-5354-230.002.00	Group Life Insurance	575	575	675	100				
212	401-5354-240.000.00	Workers Compensation Insurance	12,500	11,072	13,000	500				
213	401-5354-311.000.03	Prof. Svcs. Managed IT Services	23,100	20,400	23,100	0				
214	401-5354-311.000.11	Professional Services: Safety Training	2,550	720	4,000	1,450				

	GL Number	Description	FY25 Adopted Budget	Projected Total for FY25	FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant:	Reserves:
215	401-5354-400.000.00	Training, Education & Travel	10,000	294	10,000	0				
216	401-5354-410.000.02	Advanced Cellular Svc / AT&T FirstNet	1,000	1,260	1,300	300				
217	401-5354-410.000.08	GPS / Fleet Services	1,300	1,171	1,300	0				
218	401-5354-410.000.09	Radios / P25 MCSO Agreement	1,875	1,426	1,875	0				
219	401-5354-411.000.02	IT:Hardware Repair Parts & Maint Upgrades	3,000	0	3,000	0				
220	401-5354-411.000.05	Bus. Cont. & IT Disaster Rcvry & Backup	8,600	8,530	8,600	0				
221	401-5354-432.000.00	Facility Cleaning	4,950	4,114	4,950	0				
222	401-5354-460.000.02	Repairs & Maintenance: Vehicles	3,000	3,863	5,000	2,000				
223	401-5354-460.000.03	Repairs & Maintenance: Equipment	1,200	0	1,200	0				
224	401-5354-510.000.01	Office Supplies	1,000	749	1,000	0				
225	401-5354-510.000.03	Office Furnishings	800	0	800	0				
226	401-5354-511.000.00	Safety Supplies	1,500	1,067	2,000	500				
227	401-5354-520.000.00	Employee Uniforms/ Clothing	1,500	0	1,800	300				
228	401-5354-520.005.00	Supplies & Tools	20,000	9,371	20,000	0				
229	401-5354-520.006.00	Immunizations	1,500	0	1,500	0				
230	401-5354-520.010.02	Fuel: Vehicles	7,500	5,463	7,500	0				
231	401-5354-645.000.00	Capital Outlay - Computer Equipment	3,000	0	0	-3,000				
	TOTAL	FACILITIES DEPT	882,641	804,127	1,006,462	123,821				
						-				
	CAPITAL IMPROVEMENTS									
232	401-5900-311.006.00-2018-007	Engineering: VPS Piping Mod	45,000	185,460	0	-45,000				
233	401-5900-311.006.00-2021-002	Engineering: Odor Control at Vac Stns	210,000	171,709	160,000	-50,000				
234	401-5900-311.006.00-2022-000	Engineering: Capital Prelim Design & Bgt	35,000	22,830	35,000	0				

	GL Number	Description	FY25 Adopted Budget	<u>Projected</u> <u>Total</u> for FY25	FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant: (Potential)	Reserves:
235	401-5900-311.006.00-2022-001	Engineering: Effluent Filtration Upgrade	87,000	118,288	50,000	-37,000				
236	401-5900-311.006.00-2022-003	Engineering: Lift Sta at KL Trailer Park	5,000	4,090	0	-5,000				
237	401-5900-311.006.00-2022-004	Engineering: Vac System Monitoring	62,000	303,561	30,000	-32,000				
238	401-5900-311.006.00-2022-008	Engineering: Power Conditioning Vac Stns	61,275	0	61,275	0				
239	401-5900-311.006.00-2022-009	Engineering -Power Cond & Elec Up @ WWTP	169,650	158,469	100,000	-69,650				
240	401-5900-311.006.00-2022-010	Engineering: EQ Tank Headworks	146,250	290,726	450,000	303,750				
241	401-5900-311.006.00-2023-002	Engineering: Ventilation Upg @ Vac Stns	41,125	0	41,125	0				
242	401-5900-311.006.00-2023-005	Engineering: Direct Potable Reuse	62,073	0	0	-62,073				
243	401-5900-311.006.00-2023-025	Engineering: Deep Inj Well Permitting	5,000	4,859	0	-5,000				
244	401-5900-311.006.00-2023-027	Engineering: Isla NPK Pinch Valve FM	25,000	0	0	-25,000				
245	401-5900-311.006.00-2024-001	Engineering: Grinder Pump Latrl Pit Upg	130,000	60,836	0	-130,000				
246	401-5900-311.006.00-2024-002	Engineering: Ops Blower Room Mod	52,500	0	0	-52,500				
247	401-5900-311.006.00-2024-003	Engineering: Replace Vac Pit Collars	25,000	0	0	-25,000				
248	401-5900-311.006.00-2025-002	Engineering: Coll Sys Sea Level Ph1 Proj	188,761	0	0	-188,761				
249	401-5900-311.006.00-2025-003	Engineering: Vac Stn Sewage Tank Upg	124,328	0	400,000	275,672				
250	401-5900-311.006.00-2025-004	Engineering: MJ Wood Fire Supp Dispute	15,000	3,917	0	-15,000				
251	401-5900-311.006.00-2025-005	Engineering: Ductile Iron Piping Corrosi	150,000	14,889	250,000	100,000				
252	401-5900-311.006.00-2025-006	Engineering: Coll Sys Action Plan (SAP)	500,000	428,295	100,000	-400,000				
253	401-5900-311.006.00-SvcConRv	Engineering: Service Connection Revision	20,000	0	20,000	0				
254	401-5900-630.000.00-2018-007	Capital Outlay:VPS PipingMod	200,000	186,576	0	-200,000	Υ	Partial		
255	401-5900-630.000.00-2021-002	Capital Outlay: Odor Control at Vac Stns	987,500	263,687	2,400,000	1,412,500	Υ			Υ
256	401-5900-630.000.00-2021-005	Capital Outlay: Effluent Inj Pump Repair	45,000	0	0	-45,000				
257	401-5900-630.000.00-2022-001	Capital Outlay: Effluent Filtration Upg	500,000	257,036	0	-500,000	Υ			

	GL Number	Description	FY25 Adopted Budget	<u>Projected</u> <u>Total</u> for FY25	FY26 REQUESTED:	Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant: (Potential)	Reserves:
258	401-5900-630.000.00-2022-003	Cap Outlay: Replace Lift Sta KL Trl Pk	112,800	37,234	0	-112,800				
259	401-5900-630.000.00-2022-004	Capital Outlay: Vac System Monitoring	1,225,000	470,869	650,000	-575,000	Υ	Partial		
260	401-5900-630.000.00-2022-009	Cap Outlay: Power Cond & Elec Upg WWTP	1,837,500	272,803	1,216,000	-621,500	Υ			
261	401-5900-630.000.00-2022-010	Cap Outlay: EQ Tank Headworks	1,950,000	0	2,250,000	300,000	Υ	Υ		
262	401-5900-630.000.00-2023-027	Capital Outlay: Isla NPK Pinch Valve FM	250,000	0	0	-250,000				
263	401-5900-630.000.00-2024-001	Cap Outlay: Grinder Pump Lateral Pit Upg	251,000	310,521	0	-251,000				
264	401-5900-630.000.00-2024-003	Capital Outlay: Replace Vac Pit Collar	350,000	1,006	20,000	-330,000				Υ
265	401-5900-630.000.00-2024-004	Capital Outlay: Vac Stn Interior Paint	105,000	0	0	-105,000				
266	401-5900-630.000.00-2025-002	Cap Outlay:Coll Sys Sea Level Rise Ph1	1,887,612	47,669	0	-1,887,612				
267	401-5900-630.000.00-2025-005	Capital Outlay: Ductile Iron Piping Corr	850,000	0	1,000,000	150,000				Υ
268	401-5900-640.000.00-2023-017	Capital Outlay: Vac Pump Rebuild & Spare	75,000	78,500	67,500	-7,500				Υ
269	401-5900-640.000.00-2023-020	Capital Outlay: Grinder Pumps	17,500	0	21,000	3,500				Υ
270	401-5900-640.000.00-2024-005	Cap Outlay: Digester Motive Pump Replace	238,118	238,118	0	-238,118				
271	401-5900-640.000.00-2024-007	Cap Outlay: Inj Well Check Pump Valves	0	9,076	0	0				\vdash
272	401-5900-640.000.00-2024-009	Capital Outlay: Forklift for Plant	0	50,665	0	0				\square
273	401-5900-640.000.00-2024-011	Capital Outlay: Field Ops Truck	140,000	120,142	70,000	-70,000				Υ
274	401-5900-640.000.00-2025-007	Capital Outlay - Spectraphotometer	7,000	11,504	0	-7,000				
275	401-5900-640.000.00-2025-008	Capital Outlay - SBR Blower VFD	60,000	60,000	0	-60,000				
276	401-5900-640.000.00-2025-009	Cap Outlay - Plant Perimeter Security Upgr	12,000	10,490	0	-12,000				\square
277	401-5900-640.000.00-2025-010	Capital Outlay - Replacement Vactron	110,000	100,663	0	-110,000				
278	401-5900-640.000.00-2025-011	Capital Outlay - New Salinity Probes	42,000	5,124	0	-42,000				\square
279	401-5900-640.000.00-2025-012	CAPITAL OUTLAY - NEW CLEAR VUS&SS PIPING	30,000	28,647	0	-30,000				
280	401-5900-640.000.00-2025-013	Capital Outlay - Collection System Valve	32,000	0	0	-32,000				

	GL Number	Description	FY25 Adopted Budget			Change from FY25 to FY26	Stewardship:	ACOE Grant: (Potential)	Resilient Grant: (Potential)	Reserves:
281	401-5900-640.000.00-2025-014	Capital Outlay - Vac Stn F Minks Vac Pump	16,500	0	0	-16,500				
282	401-5900-640.000.00-2025-015	Solar Upgrades & Repairs to Existing Sys	62,100	62,054	0	-62,100				
283	401-5900-640.000.00-2025-003	Vac Tank Replacement	0	0	2,500,000	2,500,000			Υ	
284	New Capital	Sewage Pump VFD Spares	0	0	47,000	47,000				Υ
285	New Capital	Diffuser Sleeves for 1 tank	0	0	26,000	26,000				Υ
286	New Capital	Additional Security Cameras	0	0	10,000	10,000				Υ
287	401-5900-640.000.00-2023-002	Vac Stn Ventilation Upgrade	0	0	400,000	400,000				Υ
288	New Capital	Vac Tron Tank Replacement	0	0	27,084	27,084				Υ
289	New Capital	New Hydraulic Pump and Power Unit	0	0	15,000	15,000				Υ
290	401-5900-630.0500-SCADA UPG	SCADA Upgrade 3 servers	0	0	120,000	120,000				Υ
291	401-5900-640.000.00-CAP IT	Capital Outlay - Computer Equipment	0	0	56,000	56,000				
292	401-5900-640.000.00-2025-016	Capital Outlay - BSA Software Cloud Upgr	59,345	67,110	0	-59,345				
293	401-5900-650.003.00-SvcConRv	Service Connection Construction Revision	200,000	36,291	75,000	-125,000				
	TOTAL CAI	PITAL IMPROVEMENTS	13,812,937	4,493,713	12,667,984	-1,144,953				
	TOTA	L EXPENDITURES	26,327,549	16,608,247	26,108,880					
	Fund 40	1 - GENERAL FUND:								Ш
	TO'	TAL REVENUES	26,327,549	18,802,579	26,108,880	-218,669				
	ТОТА	L EXPENDITURES	26,327,549	16,608,247	26,108,880	-218,669				
	NET OF REVE	NUES & EXPENDITURES:		2,194,332						

Proposed FY26 STAFFING SUMMARY DRAFT

The District Charter requires that Commissioners be paid the CPI-U amount in the US Bureau of Labor Statistics / Miami, Ft. Lauderdale, West Palm. The June 2025 CPI is: 3.1%

Department	FY26	FY26 Proposed	FY25 Approved	Net Change	FY26 Cell Phone	FY26 Taxes &	FY26 All	FY25 All	Net Change
	Employees	adding 3.1% CPI	Rate of Pay	(Rate of Pay Only)	(+3.1%), Estimated	Benefits (+3.1%)	Inclusive Total	Inclusive Total	(All Inclusive)
		(Rate of Pay Only)			Overtime, MOD,				
					Uniforms (+3.1%)				
Commissioners	5	\$71,218.18	\$69,076.00	\$2,142.18	N/A	\$10,132.28	\$81,350.46	\$78,916.00	\$2,434.46
Administration	6	\$588,209.86	\$549,612.00	\$38,597.86	\$9,050.04	\$147,111.20	\$744,371.10	\$713,996.00	\$30,375.10
Plant Operations	5	\$474,644.57	\$447,445.00	\$27,199.57	\$53,179.12	\$161,336.60	\$689,160.29	\$645,596.00	\$43,564.29
Field Operations	17	\$1,342,473.66	\$1,168,250.00	\$174,223.66	\$189,761.70	\$437,129.83	\$1,969,365.19	\$1,742,665.00	\$226,700.19
Facilities	8	\$667,162.98	\$574,763.00	\$92,399.98	\$28,193.26	\$198,183.92	\$893,540.16	\$772,767.00	\$120,773.16
KLWTD FY26									
Proposed									
Employee Total	36	\$3,143,709.25	\$2,809,146.00	\$334,563.25	\$280,184.12	\$953,893.83	\$4,377,787.20	\$3,953,940.00	\$423,847.20

FY26 FTE = 36	All Inclusive Total with 2.2% CPI as seen on 7/15/25 agenda	\$4,341,138.70
FY25 FTE = 36		
	Difference from 2.2% to 3.1%	\$36,648.50

7.29.2025

Meeting Date:

Agenda Item Number: K-1

	*	Action Required: No
Department:	Sponsor:	
Field Operations	Rudy Perez	
Subject:		
Field Report - June 20)25	
Summary:		
Mr. Perez will present the	e Field monthly report.	
Reviewed / Approved	<u>Financial Impact</u>	<u>Attachments</u>
Reviewed / Approved Operations:	Financial Impact	Attachments 1. Monthly Report
Operations:		
Operations:	\$	
Operations: Administration: Finance:	\$ Funding Source:	
Operations: Administration: Finance: District Counsel:	\$ Funding Source: N/A	

Wastewater Field Operations

There were a total of 29 service calls for the month of JUNE of these 16 were system-generated alarms, mostly by low vacuum detection at a vacuum station. The system-generated alarms were addressed quickly by the field staff 8 of those systems generated were found using the **(FVMS) Flo Vac Monitoring System**. The reports below detail the remaining 13 calls.

Date	Address	Incident	Response	KLWTD Issue
6/2/25	150 Dove Creek Dr	A customer called stating that there might be a possible back up on the KLWTD side.	Field Tech arrived and found that the pit was working properly cleanout was also observed and found dry. Upon the manager's arrival it was noticed that a new fence was installed without locates being called in. A camera was run through the service line, where the damage was found. Damage was on the homeowner's side.	NO
6/3/25	101600 Overseas Hwy	Customer called to report the lift station alarm was going off.	Upon Field Tech arrival they silenced the alarm, but due to the amount of rainfall there was a high level of flow. Both pumps were running like they should.	NO
6/3/25	35 South Dr	A customer called in to report their toilets were draining slowly.	We explained to the customer that it was due to the amount of rain. We were currently working on restoring the vacuum to the area, so the vactron was brought out to clear sump.	YES

6/6/25	15 Mockingbird Rd.	Customers called and stated that it smells like gas	The Field Supervisor went and investigated based on the report. Truck	YES
		outside.	34 had a gas bin tip over behind in the truck bed. After further investigation the homeowner was smelling odor from the vac station. Carbon has been ordered. To be replaced.	
6/8/25	8 Royal Palm Dr	A customer called to report a possible back up.	Field Tech arrived on site and found the pit in working order. The pit was manually discharged; the cleanout was found dry. (Homeowner issue)	NO
6/10/25	47 Coral Dr	The customer called to report sewer gas odor's coming from their toilets.	Field Tech arrived onsite and found the pit to be working properly. Cleanout was checked and found clear of any blockage. Field Tech noticed that the homeowner's side had standing solids. A hose was used to clear debris. (Homeowner issue.)	NO
6/14/25	92680 Overseas Hwy	A customer called regarding the grinder pump alarm going off.	Home is under our unique grinder pump program. Homeowners are gone for 3 months a year. This property sits at the end of a run where solids seem to get built up when the system is not in use. Field Tech's used the flush out connection port to free the main of any build ups. The system was cleared and put back into service.	YES
6/15/25	LOT #63 Calusa	The customer called stating that there's a noise coming from the air terminal.	Field Tech arrived and found the system to be under a low vacuum. The pit was diagnosed with a bad controller. Once the component was changed, the pit was back in service.	YES

6/18/25	240 Atlantic Blvd	A customer called to report roaches were coming up from the drains on both levels of the house.	Upon Field Techs arrival the system was checked and found in proper working order. The cleanout from the home and the neighbors were checked to ensure they were sealed tight on the District's side. No signs of roaches in KLWTD's equipment.	NO
6/18/25	62 Bahama Ave	A customer called to rereport some kind of water coming up through the pea rock.	Field Techs arrived and found that it was fresh water not sewer coming up from the ground. Not a KLWTD issue.	NO
6/20/25	447 Bahia Ave	Customer called stating that the air terminal was making noise.	Upon Field tech's arrival they found that the pit was under a low vacuum. They diagnosed the system as having debris stuck in the valve.	YES
6/25/25	134 Valois Blvd	The homeowner called to report the grinder pump alarm was going off.	Upon arrival, Field techs found that the alarm was silenced. When checking on the level of the sump, it was empty. Just to verify the Field Techs simulated the pump and found there to be no issues with the system. The homeowner was then notified.	NO
6/26/25	3 Bonefish Ave	Customer called to report sewer coming up in the tub.	Upon Field Techs arrival they found everything to be working order. The pit was simulated, and cleanout was found dry. The homeowner was advised to call a plumber. (HOMEOWNER ISSUE)	NO

Area Addressed with the Flow Vac Monitoring System

Date	Address	Incident	Response	Issue Found
6/1/25	302 Sound Dr	Received a low vacuum alarm call from Vac Station D	Field Tech checked on the (FVMS) Flow Vac Monitoring System and went straight to the address with issue.	Controller
6/6/25	1509 Shaw Dr	Received a low vacuum alarm call from Vac Station D	Field Tech went to the Vac Station to isolate an area. Once determining an area. The (FVMS) was used to find the issue.	Debris in valve
6/16/25	77 Lakeshore Dr	Received a low vacuum alarm from Vac Station E	Field Tech Isolated tank valves into an area. Once determined they used the (FVMS) to find the issue.	Bad controller
6/17/25	987 Valencia Rd	Received a low vacuum call from Vac Station D	Field Tech isolated the tank to determine an area, once they isolated they used the (FVMS) to find the issue.	Pit was diagnosed to having a bad controller
6/19/25	2 SE Marlin Ave	Received a low vacuum call from Vac Station A	Field Tech checked on the (FVMS) and went straight to the address with issue.	Bad Controller

6/20/25	99020 Overseas Hwy	Received a low vacuum alarm from Vac Station E	Tech isolated issue using the tank valves at the station. Then they used the (FVMS) ; Field Tech was able to locate the issue.	Bad controller
6/27/25	871 Ellen Dr	Received a low vacuum alarm from Vac Station D	Using (FVMS) the Field Tech was able to go directly to the issue.	Bad Valve
6/29/25	Calder Buffer Tank	Received a low vacuum alarm from Vac Station D	Tech isolated the tank valves to determine the area. Once they determined the area; they used the (FVMS) to locate the issue.	Bad Controller
			The remaining 8 generated calls: Are not under the (FVMS) FLO VAC MONITORING SYSTEM	

Grinder Pump Lateral Kit Anodes

206 N. Ocean Drive



208 N. Ocean Drive



210 N. Ocean Drive



201 N. Ocean Drive

1 Hibiscus Avenue





214 Hibiscus Avenue

216 Hibiscus Avenue





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

Meeting Date:		Agenda Item Number: L-1		
August 5, 2025				
		Action Required:		
		No		
Department:	Sponsor:			
Plant/Facilities				
Subject:				
Plant/Facilities Repor	t - June 2025			
Summary:				
Mr. Dempsey will present	t the Plant/Facilities monthly rep	oort.		
Reviewed / Approved	<u>Financial Impact</u>	<u>Attachments</u>		
	Financial Impact	Attachments 1. Monthly Report		
Operations:				
Operations:				
Operations:	\$			
Reviewed / Approved Operations: Administration: Finance: District Counsel:	\$ Funding Source:			

44

Date: 7-31-25

Wastewater Treatment Plant Operations

The wastewater treatment plant processed an average of 2.0 million gallons of influent per day (MGD). The Treatment Plant remains in compliance with the Florida Department of Environmental Protection (FDEP) guidelines.

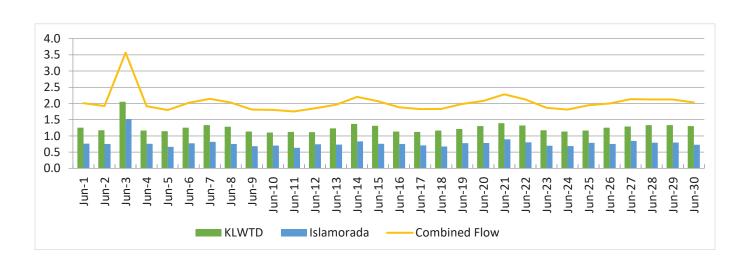
Effluent Quality Reports (mg/L)

Determines the quality of discharge from the wastewater treatment plant.

Effluent Quality Report	June 2025 Plant Performance	12 Month Average Plant Performance	Effluent Limits
CBOD5 (Carbonaceous Biochemical Oxygen Demand)	4	1.7	5
TSS (Total Suspended Solids)	1	1.2	5
TN (Total Nitrogen)	3.2	2.8	Report only
TP (Total Phosphorous)	.7	.7	Report only

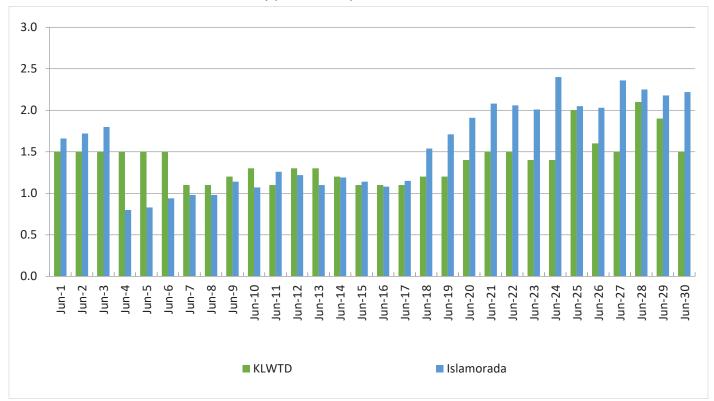
Daily Flow (MGD)

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



Daily Peak Salinity (PPT)

The daily peak salinity for the current month.

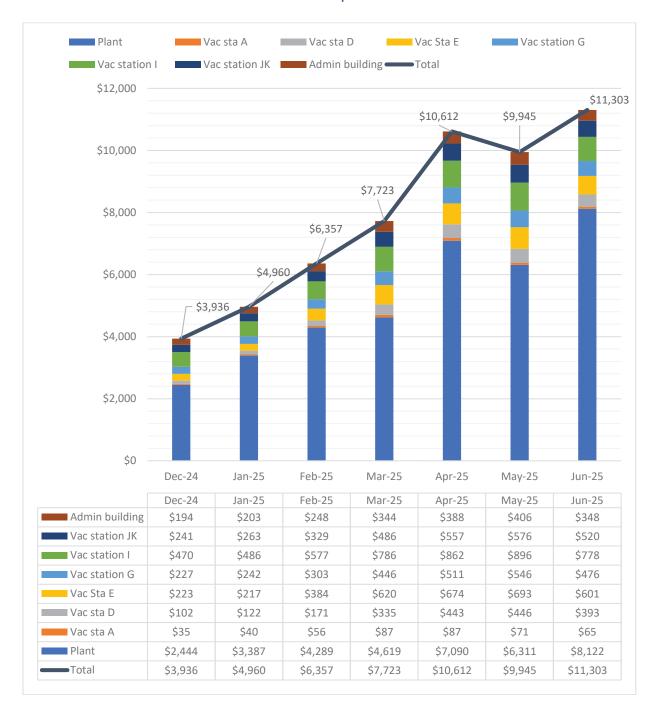


Islamorada

Average Daily Flow: .777 MGD Highest Daily Flow: 1.5 MGD Monthly Peak Salinity: 2.4 PPT Days over 4.0 PPT Salinity: 0

3-month average of Islamorada flow capacity (1.104 MGD): 68%

Solar Production Report

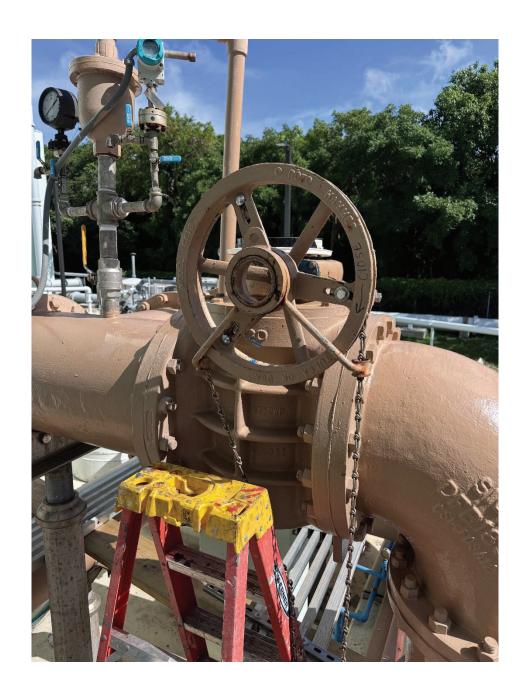


Total YTD Production estimate for all sites: \$50,900

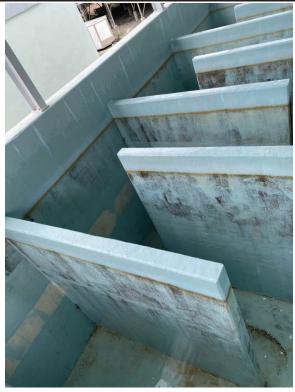


Plant valve maintenance





Chlorine Contact Chamber cleaning





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

Meeting Date:		Agenda Item Number: M-1		
August 5, 2025				
		Action Required:		
		No		
Department:	Sponsor: Ed Castle			
Capital Projects				
Subject:				
Capital Projects Repo	rt - June 2025			
Summary of Discussion:				
And select to the selection .				
	ne Capital Projects monthly repo	rt.		
	ne Capital Projects monthly repo	rt.		
	ne Capital Projects monthly repo	rt.		
	ne Capital Projects monthly repo	rt.		
	ne Capital Projects monthly repo	rt.		
	ne Capital Projects monthly repo	rt.		
	ne Capital Projects monthly repo	rt.		
Mr. Castle will present th		Attachments		
Mr. Castle will present the	Financial Impact			
Mr. Castle will present th		<u>Attachments</u>		
Reviewed / Approved Operations: Administration:	Financial Impact	<u>Attachments</u>		
Reviewed / Approved Operations: Administration: Finance:	Financial Impact \$ Funding Source:	<u>Attachments</u>		
Reviewed / Approved Operations: Administration: Finance: District Counsel:	Financial Impact \$ Funding Source: N/A	<u>Attachments</u>		
Reviewed / Approved Operations: Administration: Finance:	Financial Impact \$ Funding Source:	<u>Attachments</u>		

Approved By: General Manager

Date: 7-31-25

Key Largo Wastewater Treatment District Capital Projects Report

Including updates through June 2025

Current Capital Projects

Project	Original Contract Amount	Current Contract Amount (Including Direct Purchases, change orders and Amendments)	Engineering And Other Cost (Anticipated)	Total Project Cost (Anticipated)
	\$ 3,155,800.00	\$3,288,332.81	\$347,000.00	\$3,635,332.81
Vacuum Stations Modifications (LPA0136)	Engineering Paid to Date	Construction Paid to Date	Balance to Completed (Anticipated)	Percentage Complete
	\$346,385.00	\$2,478,994.07	\$809,953.74	95%

- The VPS modifications project was awarded to Reynolds Construction in the amount of \$3,155,800.00. The Agreement and the Notice to Proceed were both executed on May 18, 2023.
- Modified SOP documents and Exhibits for the operation of the vacuum trailer at each vacuum station have been reviewed and adjusted based on the comments received from Benson and Reynolds.
- Meeting to occur with AirVac in the coming month to review operational documents and provide proposal for programming pressure transmitter into control panel.
 - Pressure transmitter device to be delivered in the coming month and installed by District staff with Pedro Falcon to wire signal and power wiring into trailer control panel.
- Substantial completion was issued on 5/20 and Reynolds received a formal punch list of items to be completed to close out the project. The construction crew and project manager worked on completing this list through June.
 - o Including: relocating butterfly valves on the vacuum lines to more accessible locations, coating touch ups, pipe supports, grating, supplying O&M manuals, as-builts, etc.
- Final completion walkthrough was completed on 6/16 and all items have been fixed to the satisfaction of the engineer for project closeout.
- Reynolds and WEC worked together throughout the period to get the documentation together for project closeout in the next month.
- Reynolds, Benson, WEC staff and KLWTD staff attended the construction progress meetings on June 13th and June 26th.

Project	Original Contract Amount	Current Contract Amount (Including Direct Purchases, change orders and Amendments)	Engineering And Other Cost (Anticipated)	Total Project Cost (Anticipated)
Collection System	\$7,575,677.00	\$9,581,964.94	\$960,000.00	\$10,541,964.94
Monitoring (LPA0424)	Engineering Paid to Date	Construction Paid to Date	Balance to Complete (Anticipated)	Percentage Complete
	\$956,631.25	\$7,882,378.44	\$1,702,955.25	84%

- Work was completed in Basins A, B, D, G, H, F, I and JK
- Current Status:
 - o Basin A: **316** installed (Basin complete)
 - o Basin B: **376** installed (Basin complete)
 - o Basin C: **113** installed (Basin installation in progress)
 - o Basin D: **232** installed (Basin complete)
 - Basin E: 308 installed (Install complete Basin restoration in progress)
 - o Basin F: **338** installed (Basin complete)
 - o Basin G: **221** installed (Basin complete)
 - o Basin H: **27** installed (Basin complete)
 - o Basin I: **227** installed (Basin complete)
 - Basin J/K: <u>443</u> installed (Basin Complete)
 - o Total project installed: **2,601** out of **2,899**
 - Sensor installation is approx. 90 % complete (Note: This is only sensors and does not include other aspects of the project)
- Flovac and IVC continued working in Basin C (C-3 and C-4). Crews installed conduit and monitoring equipment, and rebuilt valves were installed.
- Valve rebuilds continued 1,318 rebuilds completed.
- On June 12th there was a discussion with KLWTD, WEC, and FloVac staff on the addition of tapping the force main in (30) locations to install pressure sensors (in contract via CO 6). It was discussed that KLWTD would like to do a trial run of the sensors in areas that will not require the addition of holes in the mains. WEC and FloVac have been working together throughout the period to determine 5-7 initial locations and areas of high concern or easy installation.
- A construction progress meeting was held on June 17th and was attended by KLWTD, WEC, Flovac and Island Villa staff.

Project	Original Contract Amount	Current Contract Amount (Including Direct Purchases, change orders and Amendments)	Engineering And Other Cost (Anticipated)	Total Project Cost (Anticipated)
	\$ 3,043,820.00	\$3,343,823.76	\$445,000.00	\$3,778,823.76
Effluent Filtration Upgrades (LPA0243)	Engineering Paid to Date	Construction Paid to Date	Balance to Complete (Anticipated)	Percentage Complete
	\$438,286.25	\$2,882,800.16	\$467,737.35	88%

- The Effluent Filtration Upgrades project was awarded to Reynolds Construction in the amount of \$3,043,820.00 on May 15, 2023.
- The catwalk was completed in June with the exception a few miscellaneous metal railings.
- It was determined that the filter had some manufacturer's defects and/or chemical reactions have occurred at multiple places on the filter, predominately on the welds, prompting the filter to be removed from the project site (5/29) and transported to Evoqua's facility in Thomasville, GA where it would undergo thorough inspection, testing, and necessary repairs.
- Evoqua's engineering team performed hydrostatic leak testing, and a 3rd party inspector performed Positive Material Identification (PMI) on the stainless-steel filter tank components, conducted dye penetrant testing, and visual inspections on all interior welds.
- WEC staff attended the CWI testing on June 30-July 2nd and witnessed the tail end of the hydrostatic testing, PMI results, and dye penetration testing in the Evoqua factory, documented locations of failure, and discussed corrective actions with Evoqua project manager.
- Results are pending from the water samples collected at the WWTP. Evoqua is to provide a final
 inspection report documenting all test results and corrective actions to the District by July 23rd.
- Reynolds, Benson, WEC staff and KLWTD staff attended the construction progress meetings on June 13th and June 26th.

Project	Original Contract Amount	Current Contract Amount (Including Direct Purchases, change orders and Amendments)	Engineering And Other Cost (Anticipated)	Total Project Cost (Anticipated)
Power Conditioning	\$2,670,450.00	\$3,083,983.07	\$485,000.00	\$3,568,983.07
and Electrical Upgrades at the WWTP	Engineering Paid to Date	Construction Paid to Date	Balance to Complete (Anticipated)	Percentage Complete
(LPA0426)	\$378,857.30	\$388,593.51	\$2,801,532.26	22%

- The Power Conditioning and Electrical Upgrades at the WWTP was awarded to Pedro Falcon in the amount of \$2,670,450.00 on January 29th, 2025.
- The A/C Mini Split was mounted in the ATS room and the necessary fuses have arrived on site and been installed in the unit allowing the A/C to be in operation.
- About 50% of all conduits have been run and wire will be pulled in the next phase of the project to allow for continued operation.
- Completed trenching for site lighting and poles have been installed.
- The 3000A ATS has been approved and is expected to be delivered 6/15/26 after the projected lead time expected by the manufacturers.
- SPDs have arrived on site and will be installed in approximately a month after most of the conduits have been run.
- Pedro Falcon worked to finalize the design of the SureVolt in this period and will be providing WEC an updated sketch of the dimensions for review.
- Pedro Falcon is to provide and install (6) disconnects, (1) at each vacuum station; a modification needed for the safe operation of the vacuum trailer.
 - The disconnects are expected to arrive on site in early July, and the crew will be starting the work at the vacuum stations in the coming period.
- Pedro Falcon, KLWTD and WEC staff attended the construction progress meetings on June 11th and June 25th.

Project	Original Contract Amount	Current Contract Amount (Including Direct Purchases, change orders and Amendments)	Engineering And Other Cost (Anticipated)	Total Project Cost (Anticipated)
	\$4,009,141.26	\$4,009,141.26	\$400,000.00	\$4,409,141.26
Vacuum Stations Odor Control	Engineering Paid to Date	Construction Paid to Date	Balance to Complete (Anticipated)	Percentage Complete
	\$164,618.75	\$292,745.66	\$3,951,776.85	10%

- The full Odor Control project was awarded to Belle Construction, LLC in the amount of \$4,009,141.26 on March 28th, 2025.
- Belle Construction submitted submittals for WEC review including Generator, Fuel Tank and Enclosure, Rebar, and Coatings throughout June.
- Belle Construction cleared the vegetation and placed the new fence line at Vacuum Station A in June.
- As of June, the existing Odor Control systems have been relocated at Vacuum Stations E, G, I, &
 JK and routed through only the smaller tank, with no fan. Odor Control effectiveness remains
 the same.
- The fuel tank at both Vacuum Station A and D has been replaced with a 500-gal temporary tank
 which has been wired into the existing generators while construction of the new generator
 slabs commences. Belle Construction had completed the required FDEP closure paperwork for
 the fuel tank at Vacuum Stations A and D.
- The concrete slab modifications at Vacuum Stations G and I were poured on Wednesday, June 4th, and Friday, June 13th respectively. Belle plans to coat the slabs in the next period.
- The auger piles at Vacuum Station D were poured on Tuesday, June 24th. Belle plans to pour the Odor Control slab on grade in the next period.
- Belle Construction, KLWTD, and WEC staff attended a progress meeting on June 5th.

Upcoming Construction Projects

Project	Estimated Total Cost	Status
Direct Potable Reuse Demonstration Project	\$1,504,301.25 (Anticipated)	The district has budgeted funds for a demonstration project to produce potable water from the WWTP's treated effluent. 2021 Florida legislation established Direct Potable Reuse (DPR) as a preferred effluent disposal method and provides for DPR projects to be eligible for grant funding, treating WWTP effluent as an Alternative Water Supply. The District has applied for a planning grant for this project and has requested grant funding to be allocated for the design, permitting, and construction of the DPR demonstration project. Initial estimates indicate that the volume of water produced in the DPR demonstration project would be in the range of 150,000 to 250,000 GPD.
EQ Tank and Headworks Project	\$4,500,000 (Anticipated)	The EQ Tank and Headworks Project involves the installation of new headworks as an upgrade to the current headworks at the KLWTD WWTP. This project also involves the installation of an influent EQ tank to regulate flow. This project is currently in the design phase with preliminary site plans and structural drawings for the EQ tank. Shop drawings have been received from Hydrodyne, and a center flow screen has been selected for the headworks screening, which will reduce the footprint of the headworks space and has a higher catch rate and efficiency than the existing headworks. Due to a lack of a decision by Islamorada on the NPK booster station design, the District is moving forward with completing design, with incorporation of an additive alternate scope of work should Islamorada decide to keep the current booster pump design. Permitting efforts are underway with FDEP.
Blower Room Modifications Project	\$250,000 (Anticipated)	The KLWTD staff has requested the addition of an access door behind blower #4 to better service the blower. Currently, the other blowers must be removed to access blower #4. These modifications will allow for more efficient service of the blowers. This project is currently in the preliminary design phase.



Figures 1 & 2. Collection System Monitoring IVC Concrete Installing Conduit in Trench



Figures 3 & 4. Collection System Monitoring FloVac Installing Hose Lines and Swapping Valves



Figures 5 & 6. FloVac Checking Pit is Online After Pulling Hose Lines through Conduit



Figures 7 & 8. Filtration Upgrades CWI Dye Penetration Testing



Figures 9 & 10. Filtration Upgrades CWI Dye Penetration Testing



Figure 11 & 12. Conduit Run at Disk Filter Platform & Underneath SBR Tank #3



Figures 13 & 14. New Odor Control slabs at Vacuum Stations G and I

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

Meeting Date:	
August 5, 2025	

Agenda Item Number: M-2

Action Required:

Yes

Department:

Sponsor:

Capital Projects

Steve Suggs

Subject:

KLWTD Power Conditioning Project Change Order #3

Summary of Discussion:

Change Order #3 for the Power Conditioning Project will be submitted to the Board for approval. This change order includes the addition of receptacles and conduit around the SBR tanks, the installation of conduit for the booster pump basin, and the incorporation of a secondary fail-safe bypass to address design considerations.

Reviewed / Approved	Financial Impact	<u>Attachments</u>
Operations:	\$ 125,162.46	 Change Order Form #3 Engineer's Memo
Administration:	Expense	
Finance:	Funding Source:	
District Counsel:	Grant(s)	
District Clerk:	Budgeted:	
Engineering:	No	

Approved By:

un D

Date: 7-31-25

SECTION 00950 CHANGE ORDER FORM

CONTRACTOR ("Contractor"): Pedro Falcon Contractors, Inc.	CHANGE ORDER No. 3 PROJECT TITLE: KLWTD Power Conditioning & Electrical Upgrades PROJECT No. 03105.086:151
OWNER: Key Largo Wastewater Treatment District ("Owner" or "District")	ENGINEER`: Weiler Engineering/An Apex Co. 6805 Overseas Hwy Marathon, Florida 33050
DATE OF ISSUE: August 5, 2025	EFFECTIVE DATE: August 5, 2025, contingent upon approval by the District's Board of Commissioners. Contractor shall commence work only after receipt of notification to proceed by the District's Contract Manager.

Description of Work to be Performed: The Contractor is hereby authorized and directed to perform the following Work, generally described as: Add additional receptacles and conduit around the SBR tanks, Provide conduit for the booster pump basin, and adding a secondary failsafe bypass due to design considerations.

Reason for Change: Additional Scope to be added to the project in the form of additional conduit and receptacles to replace the aged infrastructure, improve resiliency and add conduit in areas that need protection. The sure Volt automatic bypass will provide a secondary form of bypass in the case that the manufacture's electric bypass does not function in its intended function.

Work to be Performed is more specifically described as: See attached

Attachments: Pedro Falcon PCO

Total Proposed Increase (decrease) in Contract Price and Contract Time for this Change Order

Increase (decrease) in Contract Price: Increase (decrease) in Contract Time (Calendar days):

\$125,162.46

13 Days

Acknowledgments:

The aforementioned change, and work affected thereby, is subject to and governed by all provisions of the original Agreement and RFP. It is expressly understood and agreed that the approval of this Change Order shall have no effect on the original Agreement, including all GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, and STANDARD SPECIFICATIONS, other than matters expressly provided herein.

This Change Order constitutes full and mutual accord and satisfaction for the adjustment of the Contract Price and Contract Time as a result of increases or decreases in cost and time of performance caused directly and indirectly from the change. Acceptance of this Change Order constitutes an agreement between OWNER and CONTRACTOR that the Change Order represents an equitable adjustment to the Agreement and that CONTRACTOR shall waive all rights to file a Contract Claim or claim of any nature on this Change Order. Execution of this Change Order shall constitute CONTRACTOR's complete acceptance and satisfaction that it is entitled to no more costs or time (direct, indirect, impact, etc.) pursuant to this Change Order. Owner may require consent of the Contractor's surety, if any, to the terms of this Change Order.

Original Contract Price: \$2,670,450.00

Original Contract Time: 500 Days (calendar days or dates)

	SUMMARY OF PRIOR C	HANGE ORDERS	
C-O No.	Description of Change	Change in Contract Price	Change in Contract Time
1	Service Upgrade to 3000A	\$ 277,454.87	10 Days
2	Furnish and install disconnects at Vacuum Stations	\$ 136,078.20	0 Days
3		\$	Days
4		\$	Days
5		\$	Days
6		\$	Days
TOTAL	OF ALL PRIOR CHANGES	\$ 413,533.07	10 Days
(Adjusted	T CONTRACT PRICE AND TIME I by Prior Change Orders BUT Ijusting for this Change Order)	\$ 3,083,983.07	510 Days
	NTRACT PRICE AND TIME If by Prior Change Orders AND this Change Order)	\$ 3,209,145.53	523 Days
Original (06/15/202	Contract Substantial Completion Date:	New Contract Substantial C 07/08/2026	Completion Date:
	APPROVAL AND CHANGE ORDER AL	ITHORIZATION	
Contract	tor: Pedro Falcon Contractors, Inc.	Owner: Key Largo Wastewat	er Treatment District
By (Sign	ature)	By (Signature)	
Christiar (Printed	n Brisson, Owner Name and Title of Officer)	Peter Rosasco, General Manag (Printed Name and Title of Office	<u>ger</u> er)
(Date)_		(Date)	
ATTEST:		ATTEST:	
(Secreta	ry)	District Clerk	
(Corpora	ate Seal)	(Seal)	





To: Peter Rosasco, General Manager

From: Steve Suggs, PE

Date: August 5th, 2025

Re: Power Conditioning Change Order #3

1. Additional Receptacles, Conduit, and Boxes around SBR Tanks

At District's staff request, the contractor ran new 120V receptacles throughout the WWTP as well as replaced several existing ones on each SBR. This improvement was requested by the District to give the staff more flexibility with tools used when cleaning the diffusers and replacing the aeration socks.

2. Conduit for Wiring in Booster Pump Basin

At District's staff request, new conduit was installed for power and controls wiring to each booster pump, to protect the wiring harness from UV exposure.

3. Secondary Failsafe Bypass

The SureVolt system regulates voltage and surges as they come from the grid. However, if the SureVolt is in need of service or if it fails for some reason, the unit must be by-passed until it is made operational again. The ability to bypass the unit and redundancy in systems is a key point in design of critical infrastructure such as WWTPs. In order to provide this redundancy, the following excerpt from project's Technical Specifications was included as a requirement for the unit.

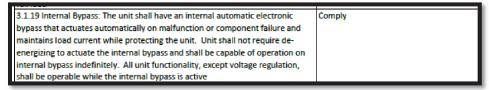
Tech Spec Section 16200 Excerpt:

3.1.19 Interna	l Bypass:	The unit shall have an internal automatic electronic bypass that actuates automatically on malfunction or component failure and maintains load current while protecting the unit. Unit shall not require de-energizing to actuate the internal bypass and shall be capable of operation on internal bypass indefinitely. All unit functionality, except voltage regulation, shall be operable while the internal bypass is active
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WEC worked in good faith with the manufacturer, UST, to ensure the unit meets the unique redundancy requirements of wastewater infrastructure. During submittals, UST confirmed compliance with the specs, as shown in Submittal 16-16200-1.







However, a recent incident at another facility revealed the provided "bypass" is not a true bypass. When an AC unit on a SureVolt failed, the unit overheated and went into "bypass," which only rerouted power internally away from the transformer. The unit continued to heat past its 120°F max operating temperature and then shut down entirely—including the electronic bypass—resulting in total loss of power and triggering the generator via the ATS.

Upon review, it became clear the manufacturer's bypass was not a true electrical bypass. WEC is working with the manufacturer and contractor on that project to resolve the issue, though the solution is neither simple nor inexpensive.

Fortunately, KLWTD's unit has not yet been built, and a true bypass can still be integrated. Despite efforts by WEC and Pedro Falcon to avoid added costs, the manufacturer insists on a price increase. Alternative manufacturers like EATON were considered, but no more competitive options were found. UST has offered a \$5,000 discount off their original price. If the bypass is not installed, the system will still function. However, if the SureVolt fails, the WWTP would rely solely on its generator until repairs are made. While that offers some level of redundancy, WEC recommends installing the true bypass to ensure uninterrupted operation.

Please advise if the District would prefer to escalate the specification issue with the manufacturer or proceed with the change order.

Summary:

These additions, including the advanced capabilities of the SureVolt automatic voltage regulator with its secondary bypass system, are critical in response to a documented failure incident, evolving design considerations, and aging infrastructure. A summary of the cost implications for each item is shown below, with the total cost being \$125,162.46 should the District elect to proceed.

PCO Item	Cost Implication
Additional Receptacles, Conduit, and Boxes around SBR Tanks	\$51,680.76
Conduit for Wiring in Booster Pump Basin	\$13,383.85
Secondary Failsafe Bypass	\$60,097.85
Total	\$125,162.46

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

Meeting Date:		Agenda Item Number: P-1	
August 5, 2025			
		Action Required:	
		No	
Department:	Sponsor:		
Commissioner's Item	Commissioner Heim		
Subject:			
Meeting Presentations	s from WQPP Meeting on Ju	ly 24, 2025	
Summary:			
Commissioner Heim will	present slides from the WQPP n	neeting on July 24, 2025	
		, ,	
Reviewed / Approved	Financial Impact	Attachments	
		Presentation Slides	
Operations:	\$	1. Presentation Shaes	
Administration:			
Finance:	Funding Source:		
District Counsel:	N/A		
District Clerk:	Budgeted:		
Engineering:	N/A		

Approved By: General Manager

Date: 7-31-25

FLORIDA KEYS WATER QUALITY IMPROVEMENTS PROGRAM

U.S. ARMY CORPS OF ENGINEERS, JACKSONVILLE DISTRICT

USACE and Florida Keys National Marine Sanctuary

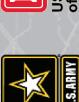
24 July 2025

Water Quality Protection Program Steering Committee Meeting





US Army Corps of Engineers®





AUTHORIZATION: PUBLIC LAW 106-554, SECTION 109

As amended by Section 8376 of the WRDA of 2022 (Public Law 117-263)

the Florida Keys National Marine Sanctuary. The Corps has been authorized design, and construction of treatment projects to improve water quality within The U.S. Army Corps of Engineers (USACE) has been authorized to provide technical and financial assistance to carry out projects for the planning, to expend up to \$200 million for this effort.







AUTHORIZATION

Water Resources Development Act (WRDA) 2022: (2) Florida Keys Water Quality

Improvements, Florida.—Section 109(f) of title I of division B of the Miscellaneous

Appropriations Act, 2001 (Public Law 106-554, appendix D, 114 Stat. 2763A-222 (as enacted

by section 1(a)(4) of the Consolidated Appropriations Act, 2001 (114 Stat. 2763)); 121 Stat.1217)

is amended by striking "\$100,000,000" and inserting "\$200,000,000".

The Congress authorized up to \$200 million (representing 65% of program costs).

The Non-Federal interests will be responsible for 35% of the total project cost. Approximately

\$107.7 million.







CURRENT REIMBURSEMENT STATUS

 By FY27, 100% of the remaining \$100M balance is projected to be reimbursed.

Municipality	Total Allocation	Remaining to be Reimbursed
Key Colony Beach	\$ 200,000.00	γ.
Layton	00'000'008 \$	٠ •
Key West	\$ 10,320,000.00	\$
Islamorada	\$ 29,560,000.00	\$ 7,877,855.85
Marathon	\$ 29,560,000.00	\$ 459,321.60
KeyLargo	\$ 29,560,000.00	\$ 933,090.76
	\$ 100,000,000,000 \$ 9,270,268.21	\$ 9,270,268.21







CURRENT PPA'S AGREEMENT AMENDMENT STATUS

Islamorada Municipality: PPA Agreement Amendment executed on 12 May 2025.

· Key Largo Municipality: PPA Agreement Amendment under review for approval.

Marathon Municipality: PPA Agreement Amendment under review for submission.







CURRENT REIMBURSEMENT FUNDING STATUS



- On Previous years, the program funding included ARRA funding, Congressional Ad funding and Workplan funding.
- USACE under the Earmark process requested \$9.9M in May 2024 for reimbursement
- In FY25 no funding have been received and FY26 reimbursements will be dependent on receipt of workplan funding.
- Workplan is tied up with passing a FY26 budget for USACE.
- We're still under a continuing resolution.
- When FKWQI Program is included in the appropriations bill and the bill is ultimately signed into law, the earmarked funds will be allocated to the project in that FY.









FUTURE MUNICIPAL EFFORT

County

Municipalities

- **Key Colony Beach**
- Islamorada Marathon

- **Monroe County**
- Key Largo **Key West**

Layton









Florida Keys National Marine Sanctuary (FKNMS) Water Quality Protection Program (WQPP) Steering Committee Meeting July 24, 2025

Approach to Remedy PFAS in Biscayne Aquifer

David Hackworth, PE., FKAA



Florida Keys Aqueduct Authority

GAC Pilot Study





» Diameter 12 inches

» Length 3 fee » Volume 18 g

3 feet 18 gallons 20 min

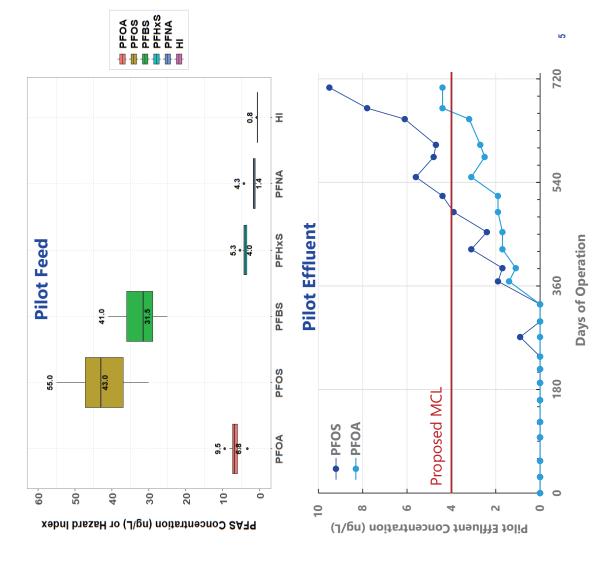
20 min 0.88 gpm

» EBCT

» Flow

Operation

» August 2019 – July 2021



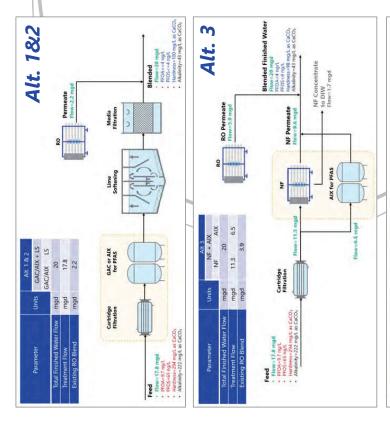
Parallel comparison of treatment alternatives for hardness & PFAS

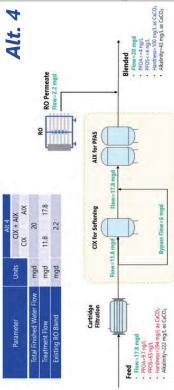
Treatment goals

- » Total finished water flow=20 mgd
- » Finish water hardness=100 mg/L as CaCO₃
- » Meet proposed PFAS NPDWR MCLs

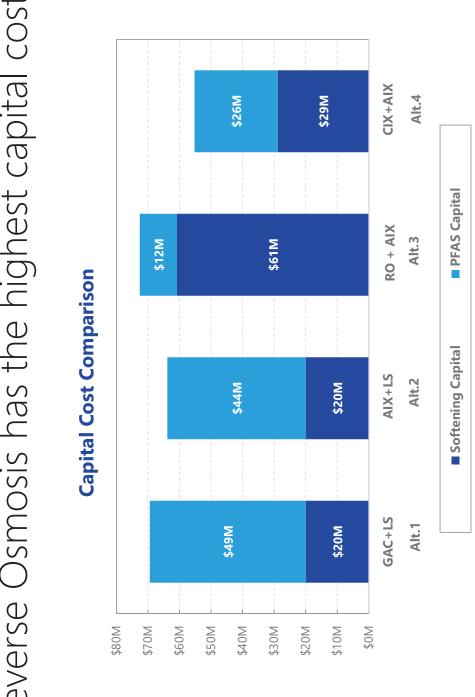
Treatment alternatives

- » Alt. 1—GAC (PFAS) + Rehab Existing LS System
- » Alt. 2—AIX (PFAS) + Rehab Existing LS System
- » Alt. 3—NF + Side-stream PFAS treatment by AIX
- » Alt. 4—CIX (softening) + AIX (PFAS)





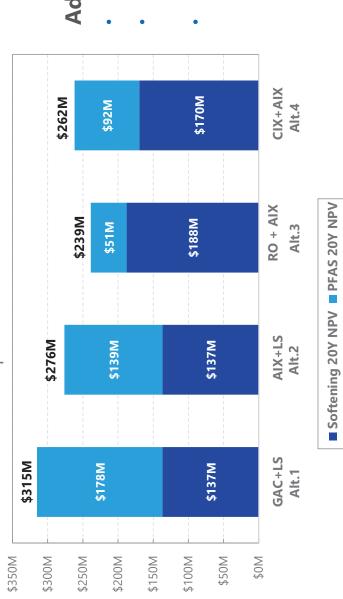
Reverse Osmosis has the highest capital cost



-

Alternative 3 (RO + AIX) has the lowest net present value cost.





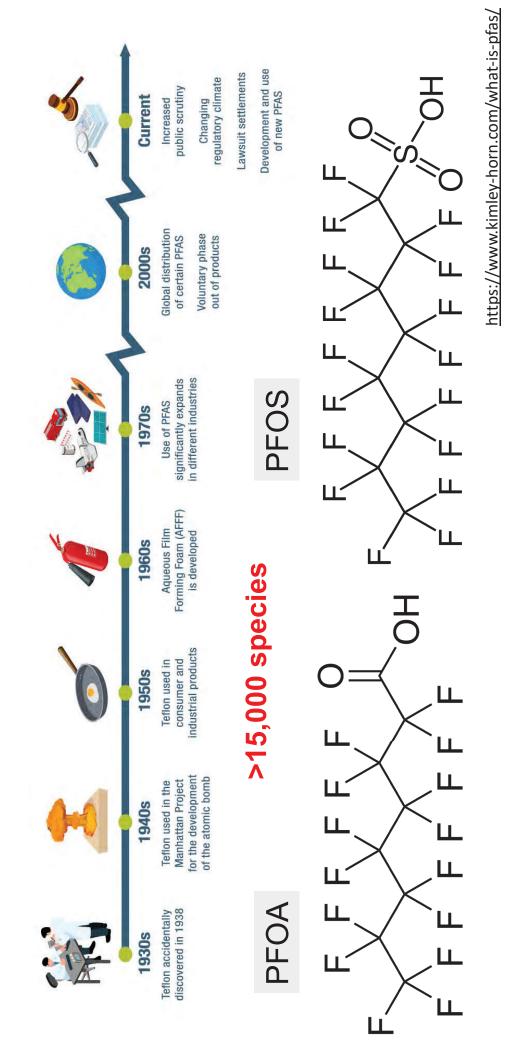
Additional Benefits

- Lowest Amount of Disposal Residue
- Reverse Osmosis removes emerging contaminants
- Reverse Osmosis is less labor intensive than lime softening

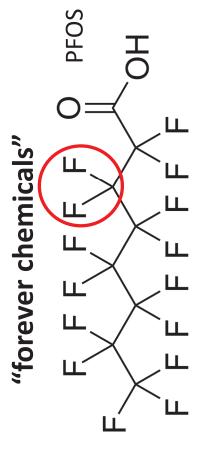




Per- and Polyfluoroalkyl Substances (PFAS) History



Common PFAS Uses





Fluorocarbon tail Fur

- Strong bonds
- Hydrophobic
- Functional group
 Hydrophilic



Bandaids

Toilet paper

Watch bands



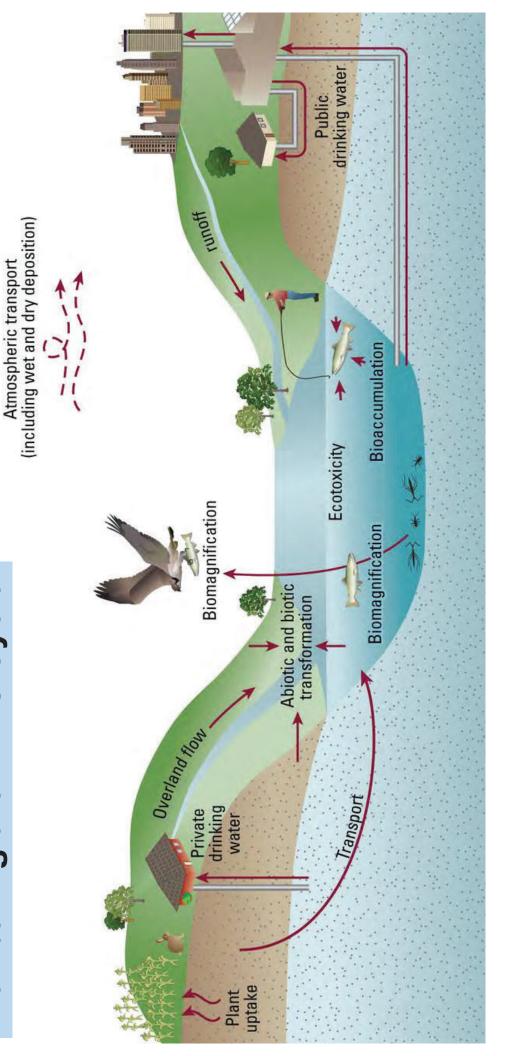


The PFAS Cycle



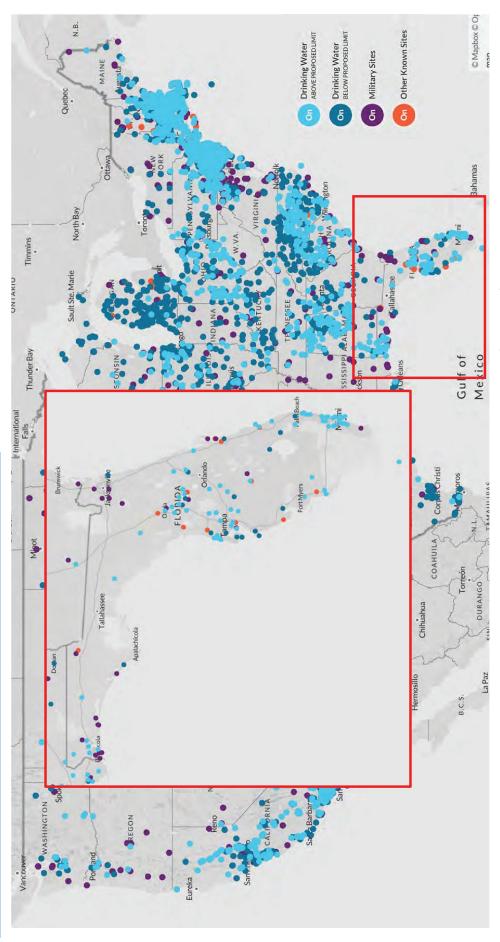


Monitoring the PFAS Cycle





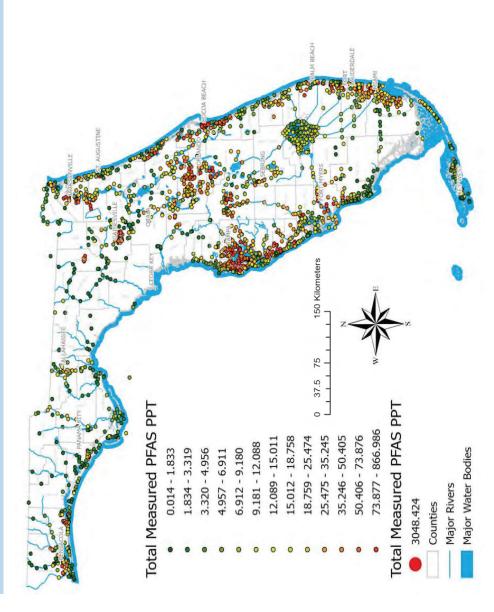
PFAS Surveillance in Water



Interactive Map: PFAS Contamination Crisis: New Data Show 2,854 Sites in 50 States (ewg.org)



PFAS Distribution in Surface Water



- 92 PFAS monitored
- 33 unique PFAS detected
- ∑PFAS max was 3048 ppt
- ∑PFAS mean was 29 ppt

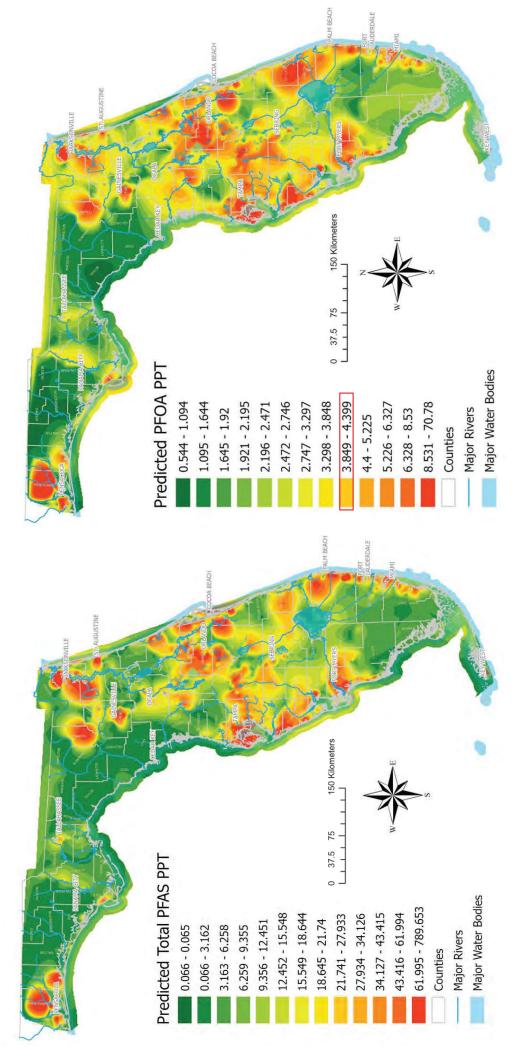


ACS EST Water 2024, 4, 10, 4343-4355

https://www.bowdenlaboratory.com/

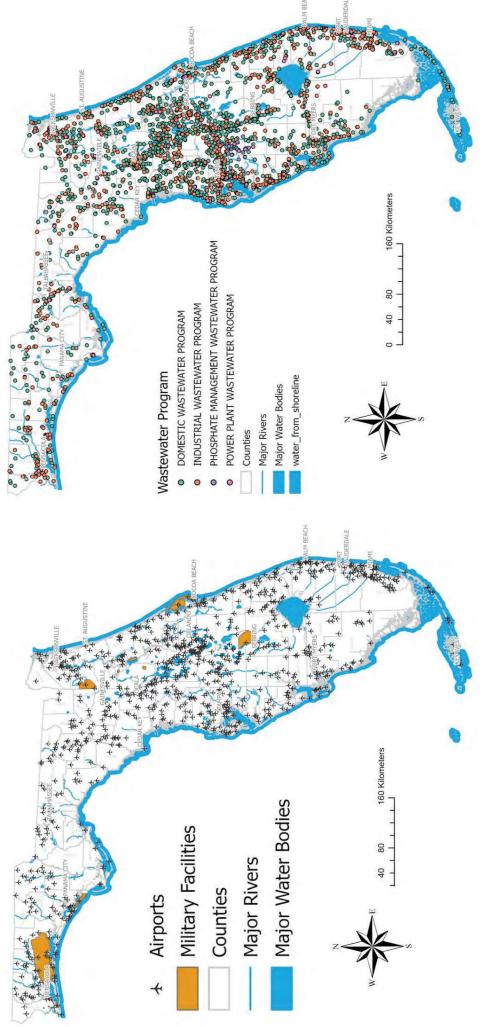


PFAS Prediction Maps for Florida Surface Water





PFAS Sources in Florida Surface Water?





PFAS Sources in Florida Surface Water: Spills



compliance with §403.077, F.S., and the public interest, the Department of Environmental Protection is making available any Notices of Pollution that it has received. This information is available below

All spill locations (n = 10,959)

This information is presented as provided by the reporting entity. The Department of Environmental Protection is not responsible for the accuracy of any information submitted ed 02/21/2024 04:59 PM A1A Right of Way GIS Map (Last 30 Days Reported) **Export Data to Excel**

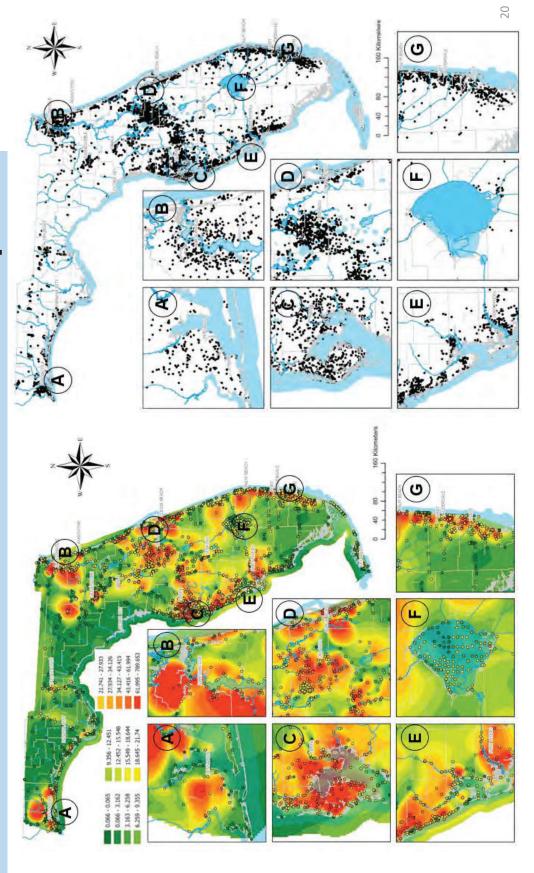
Reporting 2017-2022 7,395 Spills

1.4 billion gallons

https://prodenv.dep.state.fl.us/DepPNP/reports/viewIncidentDetails?page=1

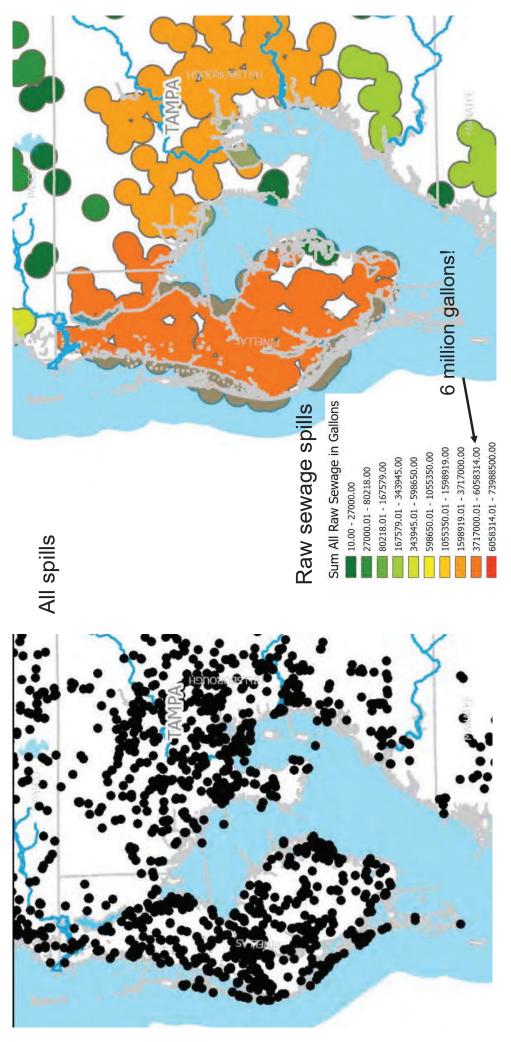


PFAS Sources in Florida Surface Water: Spills?



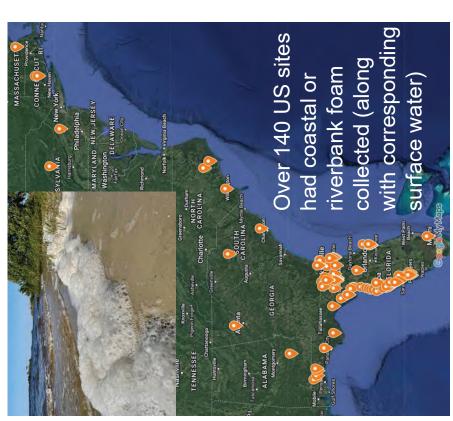


PFAS Sources in Florida Water: Raw Sewage





Foam in Fresh and Salt Waters



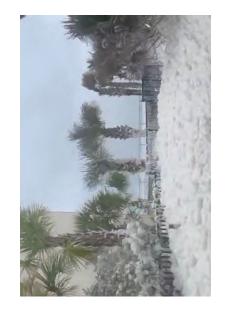


in preparation...



1000x higher in comparison foam was between 30x to to adjacent surface water The range of ΣPFAS in

ppb, with most ranging from 5 ppb to 50 ppb in foam Highest ΣPFAS was 100





"Crowdsourcing" - PFAS in Florida Drinking Water

does interest to test Florida drinking water As public awareness increases in FL, so

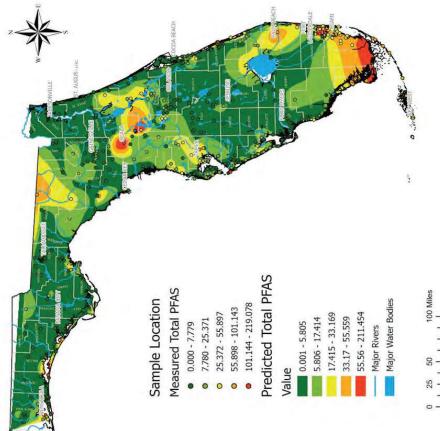
Started late 2022, sampled >450 taps in state of Florida with sampling network

city water, well, and bottled water sources At least one in every county (n=67), from









Sci Total Environ. 2024, 926:171932

What's next?

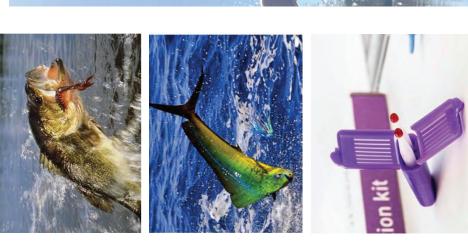
Fish consumption advisories (PFAS)

UF FLORIDA

Retrospective PFAS analysis with cores













Cite Share Jump to Expand

studies in Florida Marine wildlife



Marine Pollution Bulletin Volume 140, March 2019, Pages 610-615



Camden Camacho, and John A. Bowden*

Per- and polyfluoroalkyl substances (PFAS) in plasma of the West Indian manatee (Trichechus manatus)

Occurrence and Maternal Transfer of Per- and Polyfluoroalkyl Substances (PFAS) in

Qaim Mehdi, Thomas D. Sinkway, Lauren E. Blackman, Adriana L. Iorifda, Avery M. Pittman, Corinna Sutterer, Hailey L. Hinchliffe, Kira A. Zautcke, Meg E. Morrow,

Neel Shah, Ines A. Chambrier-Athias, Karly E. Cohen, Gareth J. Fraser, Douglas H. Adams, and John A. Bowden

Pregnant Sharks from Florida Coastal Waters

ECOTOXICOLOGY AND PUBLIC HEALTH | July 17, 2025

Kady Palmer ^a 🔯 , Jacqueline T. Bangma ^b , Jessica L. Reiner ^c ၊ Robert K. Bonde ^d ၊ S. Jeffrey E. Korte ^e 🖾 , Ashley S.P. Baggs ^c , John A. Bowden ^{c f} 🛆 🔯



Emily K. Griffin, Lauren M. Hall, Melynda A. Brown, Arielle Taylor-Manges, Trisha Green, Katherine Suchanec, Bradley T. Furman, Victoria M. Congdon, Sara S. Wilson,

Aquatic Vegetation, an Understudied Depot for PFAS

RESEARCH ARTICLE | May 10, 2023

Journal of the American Society for Mass Spectrometry > Vol 34/Issue 9 > Article

Todd Z. Osborne, Shawn Martin, Emma A. Schultz, Mackenzie M. Holden, Dylan T. Lukacsa, Justin A. Greenberg, Katherine Y. Deliz Quiñones, Elizabeth Z. Lin,





Science of The Total Environment







Science of The Total Environment

polyfluoroalkyl substances (PFAS) in the

Detection of long chain per- and



new bioindicator for tracking PFAS in coastal Sand dollars (Mellita quinquiesperforata): A

John A. Bowden a b \otimes , Qaim Mehdi a \otimes , Lauren E. Blackman a \otimes , Keyla Correia a \otimes , Thomas D. Sinkway b \otimes , Jana Marcin b \otimes , Bradley T. Furman c \otimes , Victoria Congdon c \otimes , Joe Aufmuth a Qaim Mehdi °, Emily K. Griffin °, Juliette Esplugas °, Jim Gelsleichter °, Ashley S. Galloway °, Bryan S. Frazier °, Alina S. Timshina ^d, R. Dean Grubbs °, Keyla Correia °, Camden G. Camacho ^f, Lear A. L. L. A. G. Camacho F. Ca

coastal sharks along the South Atlantic Bight

of the United States

polyfluoroalkyl substances (PFAS) in small

Species-specific profiles of per- and

chamaeleonticeps) and their association with benthic Golden tilefish (Lopholatilus microscopic hepatic changes

Bionco F. Do Silvod 4 B. Kristina L. Deak 2 Suson M. Snyder 4 B. Suson Fogelson 4 B. Bionco F. Do Silvod 4 B. Kristina L. Deak 2 B. Steven A. Murawski 4 B. John A. Bowden 4 3. 2 B.