



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

AGENDA

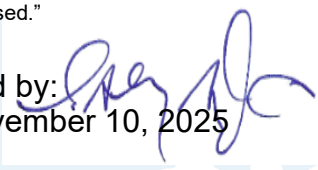
REGULAR MEETING # 11-2025

NOVEMBER 20, 2025 – 7:00 PM AT DISTRICT OFFICES

ALSO, THE MEETING WILL BE AVAILABLE TO THE PUBLIC ONLINE AT:
LOXAHATCHEERIVER.ORG/PUBLICMEETING

1. Call to Order & Pledge of Allegiance
2. Administrative Matters
 - A. Roll Call
 - B. Previous Meeting Minutes Page 5
 - C. Additions and Deletions to the Agenda
3. Comments from the Public
4. Status Updates
 - A. Loxahatchee River Watershed Page 10
 - B. Loxahatchee River District Dashboard Page 11
5. Consent Agenda (see next page) Page 12
6. Regular Agenda
 - A. Consent Agenda Items Pulled for Discussion
 - B. Cell Tower Lease Page 27
 - C. 2025 Strategic Plan Page 28
 - D. FY2025 Annual Dashboard Page 48
7. Reports (see next page) Pulled for Discussion
8. Future Business Page 123
9. Board Comments
10. Adjournment

"...if a person decides to appeal any decision made by the Board, with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings, and that, for such purpose, he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based."

Submitted by: 
Date: November 10, 2025

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Water Reclamation – Environmental Education – River Restoration

5. CONSENT AGENDA

All items listed in this portion of the agenda are considered routine and will be enacted by one motion. There will be no separate discussion of these items unless requested by a Board member or citizen; in which event, the item will be removed and considered under the regular agenda.

- A. Final Assessment 18030 69th Terrace N. (Resolution 2025-14) – to approve assessment [Page 13](#)
- B. Lien Policy & Procedure - 5-year review – to approve revisions [Page 21](#)
- C. Fixed Asset Disposal - to approve disposal [Page 23](#)
- D. Change Order to Current Contract - to approve modifications [Page 25](#)

6. REPORTS

- A. Neighborhood Sewering [Page 58](#)
- B. Legal Counsel's Report [Page 59](#)
- C. Director's Report [Page 62](#)



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AGENDA
PUBLIC HEARING #09-2025
NOVEMBER 20, 2025 - 6:55 P.M.
AT DISTRICT OFFICES
ALL MEETINGS ARE OPEN TO THE PUBLIC

1. Call to Order and Pledge of Allegiance
2. Roll Call
3. To receive public comments pertaining to the Final Assessment of 18030 69th Terrace N.
4. Comments from the Board
5. Adjournment

".... if a person decides to appeal any decision made by the Board, with respect to any matter considered at such meeting or hearing, he/she will need a record of the proceedings, and that, for such purpose, he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based."

Submitted by:

Date: November 10, 2025

Gordon M. Boggie
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BOARD MEMBER



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loxahatcheeriver.org

MEMORANDUM

TO: Governing Board
FROM: D. Albrey Arrington, Ph.D., Executive Director
DATE: November 14, 2025
SUBJECT: Approval of Meeting Minutes

Attached herewith are the minutes for the Regular Meeting of October 16th, 2025.
As such, the following motion is presented for your consideration:

“THAT THE GOVERNING BOARD approve the minutes of the Regular Meeting of October 16th, 2025 as submitted.”

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Ref: #10-2025

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
REGULAR MEETING - MINUTES
OCTOBER 16, 2025

1. CALL TO ORDER

Chairman Boggie called the Regular Meeting of October 16, 2025 to order at 7:00 PM.

2. ADMINISTRATIVE MATTERS

A. ROLL CALL

The following Board Members were in attendance:

Mr. Baker
Mr. Boggie
Mr. Rockoff
Dr. Rostock

Staff Members in attendance were Dr. Arrington, Mr. Dean, Mr. Howard, Mr. Pugsley, Ms. Fraraccio, Ms. Jones, Mr. Chung, and Ms. O'Neill. The consultants in attendance were Mr. Curtis Shenkman and Mr. Hunter Shenkman with Shenkman & Shenkman, P.A, Mr. Whitten and Ms. Fujikawa from Carollo Engineering, and Mr. Rodriguez with Gehring Group.

PREVIOUS MEETING MINUTES

The minutes of the Public Hearings and Regular Meeting of September 18th, 2025 were presented for approval and the following motion was made:

“THAT THE GOVERNING BOARD approve the minutes of the Public Hearings and Regular Meeting of September 18th, 2025 as submitted.”

MOTION: Made by Mr. Rockoff, Seconded by Dr. Rostock
Passed Unanimously.

B. ADDITIONS & DELETIONS TO THE AGENDA

Pull items 5B and 5C for discussion

3. COMMENTS FROM THE PUBLIC

No public comments were received.

4. STATUS UPDATES

A. LOXAHATCHEE WATERSHED STATUS

Ms. O'Neill presented the environmental education strategic plan updates for 2025

B. LOXAHATCHEE RIVER DISTRICT DASHBOARD

Dr. Arrington reviewed the District Dashboard.

5. CONSENT AGENDA

MOTION: Made by Mr. Baker, Seconded by Mr. Rockoff
Passed unanimously.

“THAT THE GOVERNING BOARD approve the Consent Agenda excluding items 5B and 5C of October 16, 2025.”

The following motions were approved as a result of the Board's adoption of the Consent Agenda:

A. Preliminary Assessment – 18030 69th Terrace N.

"THAT THE GOVERNING BOARD approve Resolution 2025-13 adopting the 18030 69th Terrace North Preliminary Assessment Roll."

D. Central Boulevard and Jupiter Park Drive Interlocal Agreement - to approve amendment

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to execute the Interlocal Agreement Amendment Between the Loxahatchee River Environmental Control District and the Town of Jupiter for the Joint Project Participation in the Jupiter Park Drive Improvements Project”

E. 24-003-00133 Lift Station General Services Contract - to approve FY26 funding authorization

“THAT THE DISTRICT GOVERNING BOARD re-authorize PO #25-0384 for Hinterland Group, Inc. for a total not to exceed amount of \$850,000.00.”

F. 24-006-00136 General Electrician Service Contract - to approve reauthorization of additional funds

“THAT THE DISTRICT GOVERNING BOARD re-authorize PO #25-0661 for Hinterland Group, Inc. for a total not to exceed amount of \$500,000.00.”

G. FY26 Fleet Vehicle Purchase for Unit 33 Replacement - to approve purchase

“THAT THE DISTRICT GOVERNING BOARD authorize Staff to direct purchase the fleet vehicle outlined in the attached vendor quotation from Dale Earnhardt Jr. Chevrolet in the amount of \$90,000.00.”

H. Public Records, Record Retention, and Disposition Policy - to approve revisions

“THAT THE DISTRICT GOVERNING BOARD ratify and approve the attached Public Records Record Retention and Disposition Policy, effective October 17, 2025, and authorize the Executive Director to update the Public Records Record Retention and Disposition Policy from time to time and periodically present it to the Governing Board for ratification and approval.”

I. Fixed Asset Disposal – to approve disposal

No Fixed Assets were presented for disposal this month.

J. Change Order to Current Contract - to approve modifications

No Change Orders were presented for Board consideration this month

6. REGULAR AGENDA

A. CONSENT AGENDA ITEMS PULLED FOR DISCUSSION

5B Vacuum Truck Dump Pit Improvements – Construction Services

“THAT THE GOVERNING BOARD authorize the Executive Director to execute Baxter and Woodman’s work authorization for Vacuum Truck Dump Pit Improvements – Construction Services, Dated August 20, 2025 in the amount of \$53,138.00.”

MOTION: Made by Mr. Baker, Seconded by Mr. Rockoff
Passed Unanimously.

5C ITB 25-006-00145/Vacuum Truck Dump Pit Improvements – Construction Contract Award

“THAT THE GOVERNING BOARD award ITB 25-006-00145 to Gonzalez and Sons Equipment Inc. in the amount of \$360,108.00 and a contingency of \$36,000.00.”

MOTION: Made by Dr. Rostock, Seconded by Mr. Rockoff
Passed Unanimously.

B. Risk and Resilience Assessment

“THAT THE DISTRICT GOVERNING BOARD accept the Final Risk and Resilience Assessment and Risk Management Technical Memorandum presented by Carollo Engineer’s, Inc. and direct Staff to proceed with planning efforts as defined in the Risk Management Technical Memorandum Summary of Findings.”

MOTION: Made by Mr. Rockoff, Seconded by Mr. Baker
Passed Unanimously.

C. 25-01-00149/Center Street Corridor Lateral Lining

“THAT THE DISTRICT GOVERNING BOARD reject all bids received for ITB 25-010-00149/Lateral Lining - Center Street Corridor.”

MOTION: Made by Mr. Baker, Seconded by Dr. Rostock
Passed Unanimously.

D. Cell Tower Lease

No Board action is requested at this time.

E. Employee Insurance Benefits

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to renew our existing Florida Blue 03559 health insurance policy as presented and renew our existing Sun Life dental insurance policy as presented.”

MOTION: Made by Dr. Rostock, Seconded by Mr. Rockoff
Passed Unanimously.

7. REPORTS

- A. NEIGHBORHOOD SEWERING
- B. LEGAL COUNSEL’S REPORT
- C. DIRECTOR’S REPORT

8. FUTURE BUSINESS

Future Business stood as written.

9. COMMENTS FROM THE BOARD

No comments from the Board

10. ADJOURNMENT

That the regular meeting of October 16th, 2025 adjourns at 8:22 PM.”

MOTION: Made by Mr. Rockoff seconded by Mr. Baker

Passed Unanimously.

BOARD CHAIRMAN

BOARD SECRETARY

RECORDING SECRETARY



Loxahatchee River Watershed Status

Evaluating Materials to Improve Wastewater Effluent Quality

District staff just had a new manuscript accepted for publication! As part of his post-doctoral research, CY Chen, LRD Senior Scientist, had been conducting research on alternative materials that may improve treatment performance of septic systems. Some of that work has continued since he arrived at LRD and the findings offer encouraging results. This study quantified pollutant concentrations in septic effluent following treatment with C33 sand, iron products, and biochar materials. These cost-effective materials offer promising opportunities to reduce pollutant loads in septic system effluent and enhance downstream groundwater and surface water quality. At our meeting we will present some of the interesting findings from the recently accepted manuscript.

Journal: Water Environment Research

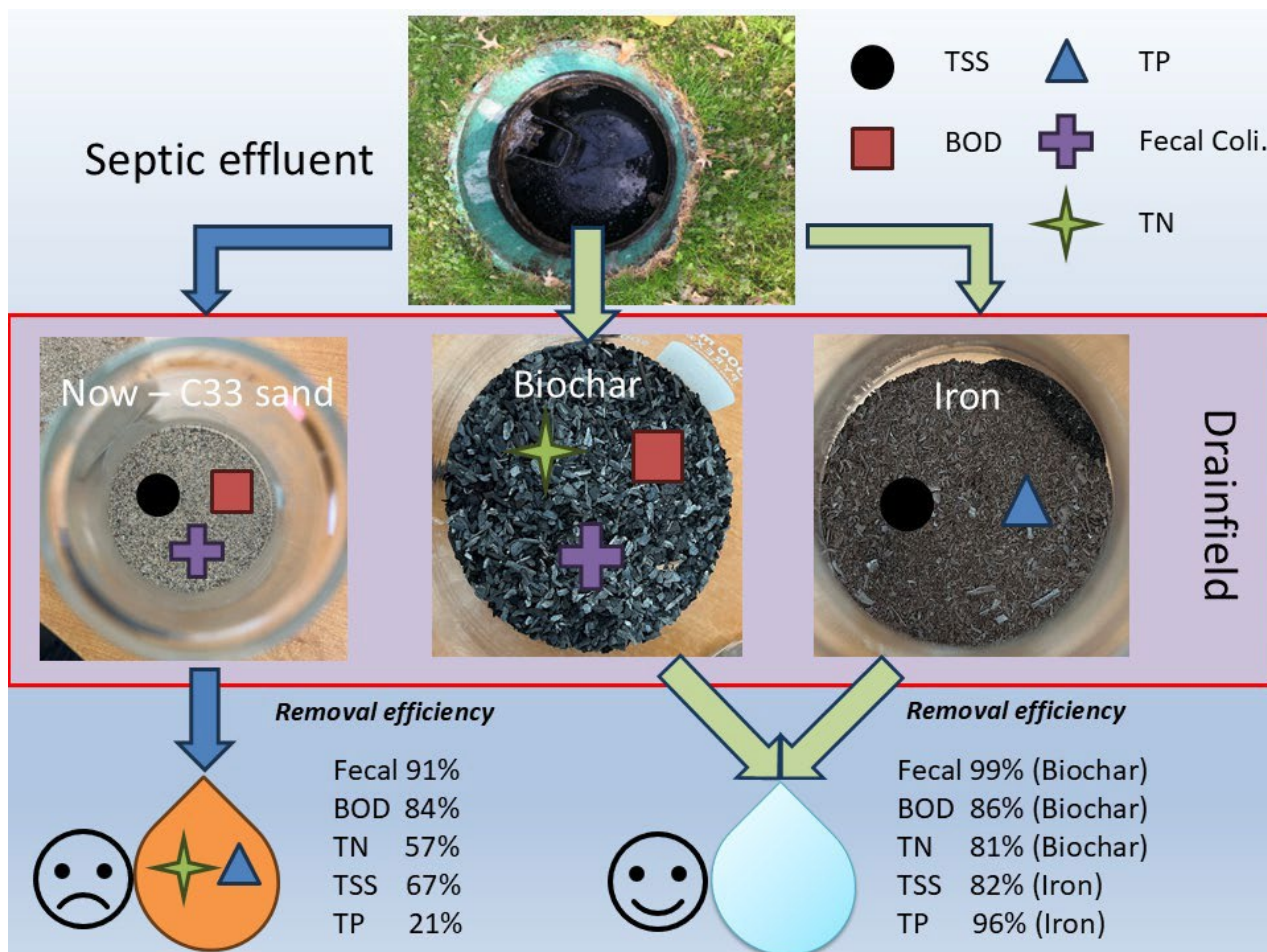
Title: Evaluation of biochar and iron as alternative materials to improve performance of septic systems – Part 1. Material selection and batch tests

Authors: Chia-Yang Chen^{1,2}, Sara Heger¹, D. Albrey Arrington², Bo Hu³

1. Water Resources Center, University of Minnesota, Saint Paul, MN, USA

2. Loxahatchee River District, Jupiter, FL 33458, USA

3. Department of Bioproducts and Biosystems Engineering, U of Minnesota, Saint Paul, MN



LOXAHATCHEE RIVER DISTRICT'S EXECUTIVE DASHBOARD



		Stewardship	Pre-Treatment	Collection & Transmission		Wastewater Treatment			Reclaimed Water	EHS	General Business					River Health		
		# People educated at RC	Grease Interceptor Inspections	Customer Service	Unauthorized Discharge of Sewage	Mean Daily Incoming Flow	Permit exceedance	NANO Blend to Reuse (@ 511)	Delivery of Reclaimed Water	Employee Safety	Cash Available	Revenue (excluding assessment & capital contrib.)	Operating Expenses	Capital Projects		Minimum Flow Compliance	Salinity @ NB seagrass beds	River Water Quality
Units		% of Target	% requiring pump out	# blockages with damage in home	Gallons; # impacting surface waters	million gallons/day	# occurrences	Max Specific Conductance (umhos/cm)	# days demand not met	# of OSHA recordable injuries	\$	% of Budget	% of Budget	% within budget	average # days behind schedule	# Days MFL Violation	Min ‰	Fecal Coliform Bacteria (cfu/100ml)
Green Level		≥ 90%	≤ 15	Zero	<704; 0	< 7.7	Zero	<1542	<2	Zero	≥ \$15,609,500	≥ 95%	≥ 85% but ≤ 105%	≥ 80%	≤ 30	0	min ≥ 20 ‰	≤ 1 site > 200
Yellow		< 90%	≤ 25	1	≤1,500; 0	< 8.8	1	≤1875	≥ 2	-	< \$15,609,500	≥ 90%	≥ 80%	≥ 60%	≤ 60	1	min ≥ 10 ‰	≤ 3 sites > 200
Red		<75%	> 25	≥ 2	>1,500; ≥1	≥ 8.8	≥ 2	>1875	≥ 9	≥ 1	< \$10,406,330	< 90%	< 80% or > 105%	< 60%	> 60	≥ 2	min < 10 ‰	≥ 4 sites > 200
2022 Baseline		1,319	12	0.1	395	6.8	0	1,268	3	0	\$ 44,372,235	101%	91%	83%	51	1	22.6	3
2023 Baseline		1,451	13	0.0	1,124	7.0	0	1,296	6	0	\$ 44,656,875	106%	94%	90%	39	2	23	4
2024 Baseline		1,433	14	0.3	863	6.9	0	1,136	4	2	\$ 41,441,586	100%	95%	72%	52	5	22	2
2024	Oct	1,250	12	3	69; 0	7.5	0	1,159	4	0	\$ 40,298,745	89%	96%	see Kris' new Project Report		0	4.5	1
	Nov	1,007	14	0	81; 0	6.9	0	1,089	0	0	\$ 41,266,064	92%	110%		26	0	14.5	1
	Dec	841	18	0	60; 0	6.9	0	1,130	1	0	\$ 41,363,495	96%	101%		23	0	31.5	0
2025	Jan	1,363	14	0	57; 0	7.1	0	1,127	0	0	\$ 41,057,266	99%	99%	85%	30	6	30.7	1
	Feb	1,208	14	0	51; 0	7.1	0	1,162	0	0	\$ 42,294,246	98%	95%	88%	26	9	32.3	2
	Mar	1,608	11	0	283; 1	7.1	0	1,159	1	0	\$ 41,731,365	100%	93%	76%	23	22	33.7	0
	Apr	1,375	12	0	43; 0	6.9	0	1,138	3	0	\$ 42,085,576	98%	92%	66%	23	10	29.0	0
	May	1,193	12	0	0; 0	6.5	0	1,142	0*	0	\$ 42,563,898	97%	95%	68%	22	22	31.4	7
	June	2,205	14	0	277; 1	6.3	0	1,283	0*	0	\$ 40,602,108	98%	95%	67%	28	11	33.2	3
	July	2,400	15	0	602; 0	6.3	0	1,193	0*	0	\$ 40,185,835	98%	94%	60%	33	18	31.8	4
	Aug	1,381	15	0	54; 0	6.3	0	1,208	0*	0	\$ 40,840,194	97%	93%	60%	34	0	30.0	4
	Sept	705	12	0	0; 0	6.5	0	1,221	0*	1	\$ 38,013,832	97%	93%	88%	31	0	16.8	7
	Oct	1,518	14	0	500; 0	7.4	0	1,078	0	0	\$ 37,208,829	95%	86%	99%	26	0	7.0	3
Consecutive Months at Green		1	10	12	4	197	53	180	6	1	193	11	11	2	1	3	0	0
Metric Owner		O'Neill	Pugsley	Dean	Dean	Pugsley	Pugsley	Pugsley	Dean	Alvarez	Fraraccio	Fraraccio	Fraraccio	Dean	Dean	Howard	Howard	Howard

Metric

Explanation

Salinity

We received 11.3-inches of rainfall in October, with 4.6-inches falling on Oct. 9 & 10 and 3.1-inches falling on Oct 26 & 27. These rainfall events led to significant stormwater runoff, e.g., flood control releases through S-46 peaked at 1,253 cubic feet per second on Oct 10 and drove salinity down significantly throughout the estuary, even in downstream portions where seagrasses typically flourish. See Bud's report for more information.

Fecal Coliform Bacteria

High fecal coliform bacteria (>200 cfu/100 ml) were observed at Stations 72 (Loxahatchee River Rd bridge), 95 (Jupiter Farms), and 100 (Cypress Creek mouth). Given the significant rainfall that occurred in October, these high values are not surprising. See Bud's report for additional details.



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Governing Board
FROM: Administration Staff
DATE: November 20, 2025
SUBJECT: Consent Agenda

All items listed below are considered routine and will be enacted by one motion. There will be no separate discussion of these items unless requested by a Board Member or citizen, in which event, the item will be removed and considered under the regular agenda.

This month's consent agenda consists of the following items:

- A. Final Assessment 18030 69th Terrace N. (Resolution 2025-14) – to approve assessment
- B. Lien Policy & Procedure - 5-year review – to approve revisions
- C. Fixed Asset Disposal - to approve disposal
- D. Change Order to Current Contract - to approve modifications

Should you have any questions regarding these items, I would be pleased to discuss them further with you.

The following Motion is provided for Board consideration:

“THAT THE GOVERNING BOARD approve the Consent Agenda of November 20th, 2025 as presented.”

Signed: 
D. Albrey Arrington, Ph.D.
Executive Director

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Water Reclamation – Environmental Education – River Restoration

Shenkman & Shenkman, P.A.

Curtis@PalmBeachLawyer.Law
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Bonnie@PalmBeachLawyer.Law
Carolina@PalmBeachLawyer.Law
Denise@PalmBeachLawyer.Law

Board Certified Real Estate Attorney

Three Palms Center
2151 S. Alternate A1A, Suite 1000

Jupiter, FL 33477

phone 561-822-3939

phone #561-822-3933

fax #561-898-2266

November 11, 2025

D. Albrey Arrington, Ph.D., Executive Director
Loxahatchee River Environmental Control District
2500 Jupiter Drive
Jupiter, Florida 33458-8964

Re: **Resolution 2025-14 and FINAL Assessment Roll for 18030 69th Terrace N.**

Dear Albrey:

Attached to this letter is the Transfer of Property Lien, Resolution 2025-14, Exhibit "A" Final Assessment Roll, Exhibit B Map, and the most recent list of property owners as part of the Resolution.

I will bring the Originals to the meeting and obtain the signatures and notary.

A **SUGGESTED MOTION** for the Board at the November 20 2025 meeting is as follows:

"THAT THE GOVERNING BOARD approve Resolution **2025-14** amending the **18030 69th Terrace N** Final Assessment Roll and Exhibits."

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

Prepared By & RETURN TO: Sheetal Patel
Loxahatchee River District
2500 Jupiter Park Drive
Jupiter, FL 33458

**TRANSFER OF PROPERTY LIEN TO NON-AD
VALOREM TAX BILL & CERTIFICATION OF SPECIAL
ASSESSMENT ROLL FOR 18030 69TH TERRACE N SPECIAL ASSESSMENTS**

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida created and existing pursuant to Chapter 2021-249, Laws of Florida (the "District"), gives public notice that the District's Governing Board as of and effective on the 20th day of NOVEMBER, 2025, passed Resolution 2025-14 which is attached hereto, approving the non-ad valorem tax bill, AND TRANSFERRING THE RECORDED LIEN ON PROPERTIES IDENTIFIED AS BEING PART OF THE **18030 69TH TERRACE N** AREA LISTED IN THE FOLLOWING DOCUMENTS, as recorded in the Public Records of **PALM BEACH** County, Florida:

1. Pending Lien Notice of Intent to Assess, and Resolution **2025-09**, recorded on **July 21, 2025 in Official Record Book 35887, Pages 721 through 727 in the Public Records of PALM BEACH County, Florida.**

Any inquiries as to payment of special assessments should be directed to:

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
2500 Jupiter Park Drive
Jupiter, Florida 33458
(561) 747-5700

IN WITNESS WHEREOF, the undersigned Executive Director of the Loxahatchee River Environmental Control District, hereby certifies on NOVEMBER 20, 2025, the information contained herein is true and accurate.

WITNESSES:

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

By: _____
D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

STATE OF FLORIDA
COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me by means of X physical presence or ___ online notarization on November 20, 2025, by D. Albrey Arrington, Ph.D., EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, on behalf of the District, who is personally known to me.

(Notary Seal)

NOTARY PUBLIC, STATE OF FLORIDA

RESOLUTION NO. 2025-14

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO THE **18030 69TH TERRACE N** ASSESSMENT AREA IMPROVEMENTS; ADOPTING THE ASSESSMENT ROLL FOR **18030 69TH TERRACE N** ASSESSMENT AREA IMPROVEMENTS; CONFIRMING SAID SPECIAL ASSESSMENT ROLL AS ATTACHED HERETO AS EXHIBITS “A” AND “B”; PROVIDING FOR ELLIS RULE COMPLIANCE; PROVIDING FOR DECLARING LINE AVAILABLE FOR CONNECTION; PROVIDING THE SPECIAL ASSESSMENTS SHALL BE COLLECTED AS NON-AD VALOREM SPECIAL ASSESSMENTS ON THE REAL ESTATE TAX BILL; AUTHORIZING THE DISTRICT CLERK TO PREPARE AND DELIVER THE NON-AD VALOREM SPECIAL ASSESSMENT ROLL TO THE PALM BEACH COUNTY AND MARTIN COUNTY PROPERTY APPRAISERS, TAX COLLECTORS, AND FLORIDA DEPARTMENT OF REVENUE; PROVIDING FOR CONSISTENCY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District”) has authorized the sewer improvements constructed in the **18030 69TH TERRACE N** Assessment Area; and

WHEREAS, The District’s previous Resolutions **2025-09 & 2025-13** were approved by the District’s Governing Board and directed the preparation of the Assessment Roll.

WHEREAS, the Governing Board, on the 20th day of NOVEMBER, 2025 at 6:55 P.M., sat as Board of Adjustment as provided in District Rule 31-11.005, and held the Public Hearing under Florida Statutes Chapter 197.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BOARD OF THE DISTRICT THAT:

Section 1. The Governing Board confirms the Special Assessment Roll attached hereto as Exhibits “A” and “B” without further modification. The unit of measurement for each assessment area is that each parcel is assessed equally.

Section 2. The Special Assessment is in compliance with the “Ellis Rule” requirement of District Rule 31-10.011, and Resolution Nos. **2025-09 & 2025-13** of the District.

Section 3. In accordance with District Rule Chapter 31-11, and Florida Statutes Chapter 197, said Special Assessment Liens shall remain liens co-equal with the lien of all State, County, District and Municipal taxes, superior in dignity to all other liens, titles, and claims, until paid. Any failure to so pay these non-ad valorem Special Assessments shall be a default hereunder and will cause a tax certificate to be issued against the property which may result in a loss of title.

RESOLUTION **2025-14**

Loxahatchee River Environmental Control District

Section 4. Availability for Connection and Required Connection.

The waste water and sewerage system was “Available” for connection in accordance with District Rule 31-3.003(3) and Florida Statutes 381.0065(2)(a) when the LRECD released the system for service on August 27, 2025 which is the date of actual “Availability”. In accordance with Florida Statutes 381.00655, the affected property owners shall be required to connect to the sewerage system within one (1) year of the actual Availability.

Section 5. The **District Clerk, as the designee of the chairman** of the Governing Board, **is directed to certify the non-ad valorem assessment roll, on a compatible electronic medium tied to the property identification number** and deliver it to the tax collector by September 15 of each year, or as otherwise provided for in the agreements with the tax collector. The certification shall be made on **Form DR-408A**.

Section 6. All Resolutions or parts of Resolutions in conflict herewith are hereby repealed to the extent of such conflict.

Section 7. This Resolution shall become effective upon its passage and adoption.

PASSED AND ADOPTED BY THE GOVERNING BOARD OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, THIS 20th day of NOVEMBER, 2025.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT:

VOTE

GORDON M. BOGGIE

KEVIN L. BAKER

DR. MATT H. ROSTOCK

STEPHEN B. ROCKOFF

Pamela Blair
PO Box 112
Jupiter, FL 33468 - 0112
re: 18030 69th Terrace N, Jupiter, FL 33458
00-42-40-34-03-000-0100

EXHIBIT "A"
FINAL ASSESSMENT ROLL
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
18030 69TH TERRACE N ASSESSMENT AREA

TOTAL COSTS AND EXPENSES RELATED TO THE IMPROVEMENTS. The District shall consider the total costs and expenses related to the improvements in the **18030 69TH TERRACE N** Assessment Area shall be **\$ 12,042.77** per parcel of property in the **18030 69TH TERRACE N** Area.

APPORTIONMENT OF COSTS BETWEEN THE DISTRICT AND THE PROPERTY OWNERS. The District shall pay from the District's general funds ten percent (10%) of the total cost to the District of construction, reconstruction, labor, materials, acquisition, or property rights, surveys, design, engineering, and legal fees, administration expenses, and all other expenses necessary or incidental to completion of the specially assessed improvement and each lot or parcel of land subject to this special assessment shall be responsible for ninety percent (90%) of the total cost.

ASSESSMENT BASED ON PARCEL OF PROPERTY. Each Parcel of Property in the **18030 69TH TERRACE N** Assessment Area identified on EXHIBIT "B" shall be currently assessed in the amount of **\$ 10,838.49**.

PAYMENT OF ASSESSMENT. As to Parcels of **18030 69TH TERRACE N** Assessment Area Property in EXHIBIT "B", the **\$ 10,838.49** assessment may be paid, interest free, at the office of the District on or before May 1, 2027.

Owners who do not pay the \$ 10,838.49 assessment on or before May 1, 2027 shall have the \$ 10,838.49 principal added to the tax roll as a non-ad valorem assessment to accrue interest, beginning October 1, 2026, at eight percent (8%) per annum, to be collected in twenty (20) equal annual installments of \$ 1,103.92 commencing with the November 1, 2027 Real Estate Tax Bill.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

By: _____
D. Albrey Arrington, District Clerk, Executive Director

LEGEND

NOT IN ASSESSMENT AREA

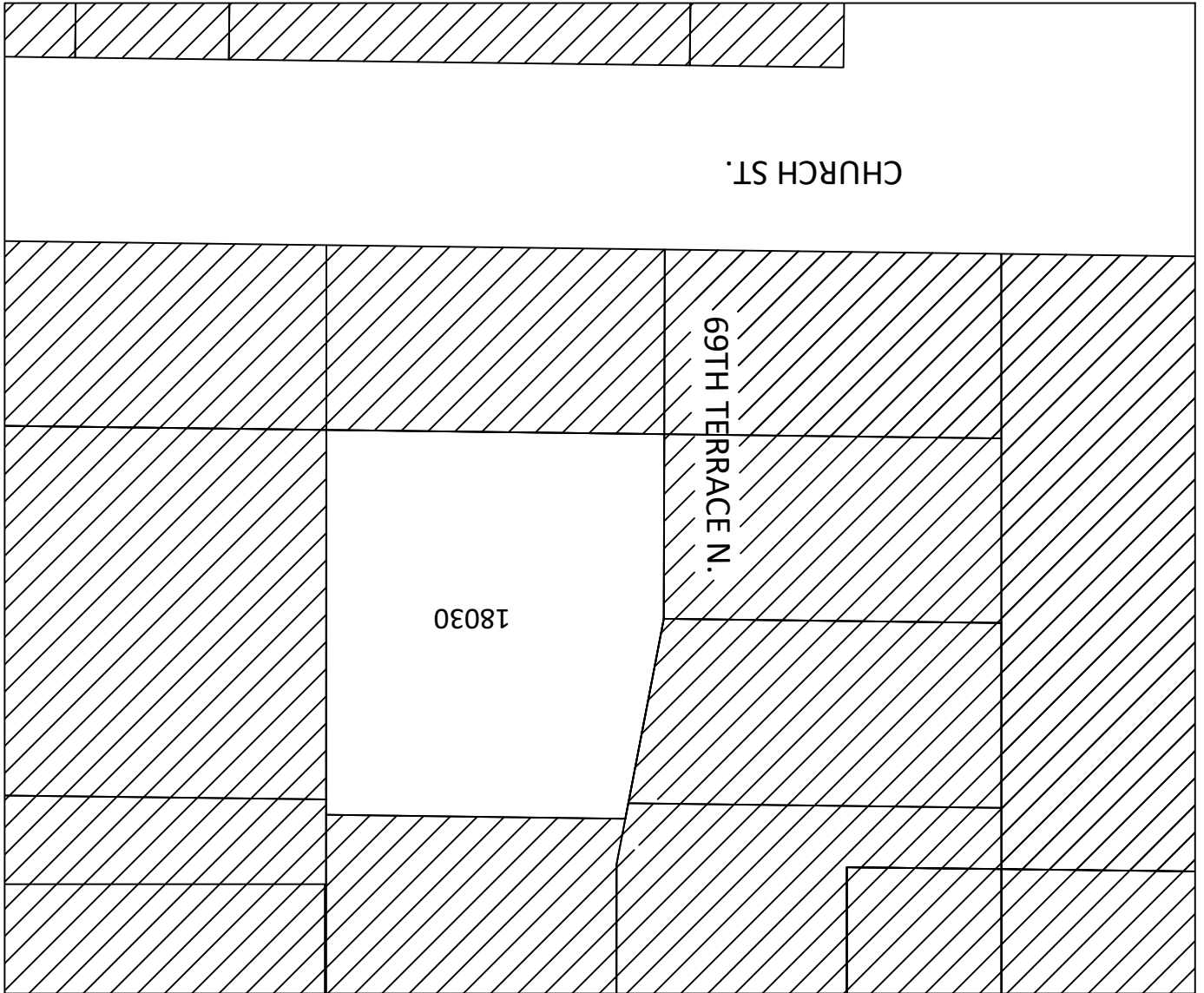


EXHIBIT B
18030 69TH TERRACE N. STATUTORY
WAY OF NECESSITY

N.T.S.



NOTICE OF BOARD OF ADJUSTMENT HEARING AND
GOVERNING BOARD MEETING
18030 69TH TERRACE N ASSESSMENT AREA

Notice is hereby given pursuant to the Loxahatchee River Environmental Control Act (Chapter 2002-358, Law of Florida) that the Governing Board of the Loxahatchee River Environmental Control District shall act as the Board of Adjustment at a hearing to be held on the 20th of November, 2025 at 6:55 p.m., at the District's Governing Board meeting chambers, Jupiter, Florida. At the hearing, the Board of Adjustment will hear objections of all interested persons to the proposed Resolution 2025-14 which is to confirm the Preliminary Assessment Roll adopted by Resolution 2025-13.

The Governing Board of the Loxahatchee River Environmental Control District shall hold its meeting on the 20th of November, 2025 at 7:00 p.m., or as soon thereafter as the prior Board of Adjustment meeting shall adjourn. At the Governing Board meeting all interested persons may appear and file written objections to the confirmation of the Preliminary Assessment Roll adopted by Resolution 2025-13 for the sewage collection lines in the "18030 69TH TERRACE N Assessment Area".

The 18030 69TH TERRACE N Assessment Area for sewer service is located within Section 34, Township 40 South, Range 42 East, Palm Beach County, Florida and lies within the following general boundaries:

± 330 LF. east from the intersection of Limestone Creek Road and Church Street,
on the north side of Church Street.

The plans, specifications, estimates, and tentative apportionment of cost for said improvements are on file in the office of the District located at 2500 Jupiter Park Drive, Jupiter, Florida 33458 during regular business hours.

ALL OBJECTIONS TO ANY SUCH RESOLUTION ON THE GROUND THAT IT CONTAINS ITEMS WHICH CANNOT BE PROPERLY ASSESSED AGAINST PROPERTY, OR THAT IT IS, FOR ANY DEFAULT OR DEFECT IN THE PASSAGE OR CHARACTER OF THE RESOLUTION OR THE PLANS AND SPECIFICATIONS OR ESTIMATE, VOID OR VOIDABLE IN WHOLE OR IN PART, OR THAT IT EXCEEDS THE POWER OF THE GOVERNING BOARD, SHALL BE MADE IN WRITING, IN PERSON OR BY ATTORNEY, AND FILED WITH THE GOVERNING BOARD AT OR BEFORE THE TIME OR ADJOURNED TIME OF SUCH HEARING. ANY OBJECTIONS AGAINST THE MAKING OF ANY IMPROVEMENT NOT SO MADE SHALL BE CONSIDERED AS WAIVED, AND IF ANY OBJECTION SHALL BE MADE AND OVERRULED OR SHALL NOT BE SUSTAINED, THE CONFIRMATION OF THE RESOLUTION SHALL BE THE FINAL ADJUDICATION OF THE ISSUES PRESENTED UNLESS PROPER STEPS SHALL BE TAKEN IN A COURT OF COMPETENT JURISDICTION TO SECURE RELIEF.

"PLEASE TAKE NOTICE AND BE ADVISED, that if a person decides to appeal any decision made by the Board, with respect to any matter considered at such meeting or hearing, he will need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based."

Published by: D. ALBREY ARRINGTON, Ph.D., DISTRICT CLERK
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
Publish: On or before NOVEMBER 07, 2025.



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

To: Albrey Arrington, Ph. D., Executive Director
From: Bud Howard, Director of Information Services
Date: November 13, 2025
Subject: Policy Review and Update: Lien Policy & Procedure for Customer Service

This is a request for the Board's 5-year review and approval of the District's policy to specify the principal of action for managing seriously delinquent customers.

The Governing Board originally approved the attached Lien Policy and Procedure in 2016. The policy was last revised on December 31, 2020, with the removal of provisions that the Governing Board implemented during the covid pandemic.

This action is the scheduled 5-year review of the policy, with an edit to clarify the difference between a lien and foreclosure. We suggest adding this clarification because some customers have misunderstood our lien to imply that the District will automatically foreclose on the property (i.e. seek a court judgement to sell the property to recover delinquent rates, fees, charges and assessments) when, in fact, I am not aware that the District has ever filed a foreclosure lawsuit on a delinquent customer. As of this writing, we have not received approval from the District's Attorney.

Staff offers the following motion for consideration, subject to the review and approval by the District's Attorney:

"THAT THE DISTRICT GOVERNING BOARD approves the attached, revised Lien Policy & Procedure with an effective date of November 21, 2025.

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

	LOXAHATCHEE RIVER DISTRICT	Doc No:	TBD LRD-POL-IS-11.00
		Effective Date	11/21/2025
		Revision History:	12/31/2020 9/17/2020 8/20/2020 1/20/2017 4/1/2016
Author: Bud Howard, Albrey Arrington		Revision No.	5
		Expiration Date:	None
Issuing Department: Customer Service		Page:	Page 1 of 2

LIEN POLICY & PROCEDURE

Purpose

To improve and clarify the lien process.

Policy

It is the policy of the Loxahatchee River Environmental Control District (LRD) to recover all rates, fees, charges, and assessments equitably charged to our customers. When a rate, fee, or charge becomes delinquent, it is LRD policy to perfect a lien to recover the delinquent balance and associated costs and fees, including legal interest, penalties, reasonable attorney's fees, costs, and other expenses. As a ~~tool~~ remedy of last resort, ~~it is LRD policy to foreclose liens.~~ LRD reserves the right to file a foreclosure lawsuit.

Definitions

- A. Policy: a principle of action adopted by the LRD Governing Board
- B. Procedure: the official LRD way of doing something
- C. Connection Charge: is the sum of the Administrative Charge, Plant Connection Charge, and Regional Transmission System Line Charge as defined in Chapter 31-10.
- D. Delinquent Quarterly Service Charge for Sewer Service: A Quarterly Service Charge for Sewer Service is delinquent if not paid during the service period (Rule 31-10.001(19)).
- E. Delinquent Connection Charge: The Connection Charge is delinquent if not paid in full within 365 days following the Notice of Availability of Sewer Service. Properties under a District Standard Developer Agreement, vacant parcels (i.e. no structure), or enrolled and compliant with an Installment Agreement for Connection Charges are excluded from this definition.
- F. Installment Agreement for Connection Charges: a fully executed connection charge payment agreement whose form was approved by the LRD.
- G. Quarterly Service Charge for Sewer Service: the periodic charge for sewer service as more fully defined in Chapter 31-10.
- ~~G.H.~~ Foreclosure: Process of filing a lawsuit to obtain a court judgment for a property sale to recover delinquent rates, fees, charges, and assessments.

Relevant Procedures

1. Attorney shall send a 'final notice before lien' letter to all accounts found by the District to be delinquent for three (3) quarters of Quarterly Service Charge for Sewer Service and have a delinquent balance of \$250.00 or more, or 366 days following Notice of Availability of Sewer Service. The standard attorney charge shall be added to the account when sent to Attorney;

Authority: LRECD Enabling Act Section 8; Chapter 31-10.009

Date Approved by Governing Board: 11/21/2025

notwithstanding, actual reasonable attorney fees may be charged. The letter shall include the attorney charge & delinquent balance, and 12% per annum policy.

2. Any service charges found to be delinquent for four (4) quarters and/or delinquent connection charges shall be subject to an interest charged at a rate of 12% per annum from the date in which the balance was due (i.e., the bill due date).
3. Attorney shall record liens for all accounts:
 - a. in Mortgage Foreclosure, or where the District is served a Summons and Complaint related to Mortgage Foreclosure; or
 - b. where Quarterly Service Charge for Sewer Service are delinquent for four (4) quarters and have a delinquent balance of \$250.00 or more; or
 - c. where connection fees have not been paid within 13 months of property owner being issued a Notice of Availability of Sewer Service, excluding properties under a District Standard Developer Agreement, vacant parcels, or enrolled and compliant with an Installment Agreement for Connection Charges.
4. The standard attorney charge for recording a lien, plus recording costs, shall be added to account when sent to Attorney; notwithstanding, actual reasonable attorney fees may be charged.
5. Attorney shall amend recorded liens 12 months after recording for all accounts found to have a delinquent balance greater than \$250.00. The standard attorney charge for recording a lien amendment, plus recording costs, shall be added to account when sent to Attorney; notwithstanding, actual reasonable attorney fees may be charged.
6. Customer Service shall manage all Estoppel requests and advise delinquent accounts of amounts due and payable, not the Attorney, unless in litigation.
7. Payments shall be made payable to the District, not the Attorney, except if the delinquent account is subject matter of a lawsuit being handled by the Attorney. Upon payment in full to the District of an account that has a recorded lien, the District shall prepare and record the Satisfaction of Lien, unless in litigation.
- 7.8. A delinquent customer may participate in a District Payment Plan in accordance with the Delinquent Account Payment Plan Policy (LRD-POL-IS-9.00).

Applicability

Customer Service and Engineering Departments

Relevant Policies & Rules: LRD Rules Chapter 31-10.009; Delinquent Account Payment Plan Policy (LRD-POL-IS-9.00)

Policy Questions

Questions regarding this policy should be directed to the author(s) listed above.



LOXAHATCHEE RIVER DISTRICT

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FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

To: Governing Board
From: Kara Fraraccio, Director of Finance and Administration
Date: November 14, 2025
Subject: Disposal of Surplus Property

Whenever the District disposes of tangible personal property of a non-consumable nature, Florida Statutes and our Disposal of Surplus Tangible Personal Property Policy require Governing Board approval before any Surplus Tangible Personal Property can be disposed of. Consistent with state statute and our policies and procedures, I request your authorization to dispose of the items listed below:

Tag #	F/A #	Description	Condition	Date Recorded	Acquired Value	Book Value	Estimated Value
N/A	FA01630	Krohne Flow Converter	Beyond Repair	9/30/2006	\$ 1,607	\$ -	\$ -
N/A	FA01631	Krohne Flow Converter	Beyond Repair	9/30/2006	\$ 1,607	\$ -	\$ -
N/A	FA01632	Krohne Flow Converter	Beyond Repair	9/30/2006	\$ 1,607	\$ -	\$ -
Total Assets to be Disposed					\$ 4,820	\$ -	\$ -

The following asset was aggregated with other assets or grouped as part of a project when purchased and we therefore do not have individualized asset information; instead, a description of the asset is provided. Consistent with state statute and our policies and procedures, I request your authorization to dispose of the items listed below:

<u>Description</u>	<u>Serial Number</u>	<u>Condition</u>	<u>Estimated Value</u>
Krohne Magnetic Flow Tube		Beyond Repair	\$-
ABB Magmaster Flow Tube	05W018296	Beyond Repair	\$-

The items listed in the schedules above are no longer of use to the District and are considered Surplus. The assets will be disposed of in accordance with the District's Disposal of Surplus Tangible Personal Property Policy.

If you have any questions, please feel free to contact me.

I offer the following motion for your approval:

"THAT THE GOVERNING BOARD authorize the Executive Director to dispose of FA01630, FA01631, FA01632, and the item listed in the schedule above in accordance with the District's Disposal of Surplus Tangible Personal Property Policy."

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER



Change Orders

No Change Orders are presented
for Board consideration this month.



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LOXAHATCHEE RIVER DISTRICT

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FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: GOVERNING BOARD
FROM: D. ALBREY ARRINGTON, Ph.D.
DATE: NOVEMBER 14, 2025
SUBJECT: RENEWAL OF CELL TOWER LEASE AGREEMENT

At this time, the amended and restated lease agreement for the cell tower site is not yet ready for Board review. We have made meaningful progress but still have a few items to work through. The existing lease expires on April 17, 2027, so there is plenty of time to work through the few outstanding issues. I am optimistic that this will be ready for your December meeting.

Gordon M. Boggie
CHAIRMAN

Kevin Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Water Reclamation – Environmental Education – River Restoration



LOXAHATCHEE RIVER DISTRICT

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: GOVERNING BOARD
FROM: D. ALBREY ARRINGTON, Ph.D.
DATE: NOVEMBER 13, 2025
SUBJECT: STRATEGIC PLANNING

Over the past few months Jack Steele, our management consultant, has guided Loxahatchee River Environmental Control District senior management, staff, and the Governing Board through the systematic process to update our Strategic Plan. Our last strategic plan was approved in September 2018, and it was time to comprehensively review and update that plan. I am pleased to report that the draft 2025 Strategic Plan is attached. This is a strong plan that provides a clear, strategic approach for staff to pursue as we work daily to achieve our mission. I appreciate the Governing Board's engagement throughout this process, and I look forward to receiving your input.

Here is a brief description of some of the notable changes that have been made:

- Mission – unchanged: We are dedicated to protecting public health and preserving the Loxahatchee River watershed and its natural habitats through innovative wastewater solutions, research, and environmental stewardship.
- Vision – revised from “Inspiring and achieving a healthy environment” to “To inspire and achieve a healthy environment”
- Values – Safety revised to include “the public”: **Safety:** Our conduct is shaped by a personal commitment to protect the health and safety of ourselves, ~~and~~ our colleagues, **and the public.** Safety is driven through education, training, planning, protective equipment, and individual accountability.
- Core Competencies – “Integration of Technology” revised to “Management of Technology”
- The new and improved Strategy Map is shown on page 10 and is the unchanged, in substance, from what was presented on Nov. 4 and 5 at the River Center.
- Strategic Initiatives have been split into “high priority” (shown on pages 11-13) and “low priority” (Appendix A, pages 17-18). These relative rankings are derived from the votes initiatives received on 11/4 and are unchanged from the process steps taken on Nov. 5. High priority initiatives were assigned a priority ranking of P1 (highest), P2, or P3 (lowest) at our Nov. 5 and priority rankings are unchanged except for 2.2b, which was adjusted from a P3 to a P2 based on a diversity of additional input suggesting this should be a P1.
- White papers that were produced will be included as Appendix C. in the final version.

No action is being sought at this time. I anticipate bringing the final draft to the Board for approval in December.

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER



2025 Strategic Plan: from Growth to Reliability





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Message from the Chairman:

Gordon Boggie

Message from the Executive Director:

To the Governing Board and the entire LRD Team, each day, the work we do makes a difference in our community and our environment. Our mission requires expertise, diligence, and commitment. Our 2025 Strategic Plan reflects the quality work you have already achieved, and it highlights the improvements we intend on achieving over the coming years.

This Strategic Plan provides a roadmap to a better future, and I am excited to work hand-in-hand with you as we work diligently to achieve these noble goals!

Thank you for your continued commitment to the District, our customers, and this truly important work. Your personal efforts make a significant difference in who we are and what great things we are able to accomplish.

D. Albrey Arrington, Ph.D.



FY2025 by the NUMBERS





Mission: We are dedicated to protecting public health and preserving the Loxahatchee River watershed and its natural habitats through innovative wastewater solutions, research, and environmental stewardship.

Vision: To inspire and achieve a healthy environment

Core Values:

Spirit of service to our community and the environment: We willingly work with a sense of diligence and devotion, because we understand the importance of our work.

Integrity: Our actions are intentionally honest and morally upright.

Innovation: We actively seek better ways to do things and embrace the possibility of new ideas and novel approaches.

Positive attitude: We bring a positive frame of mind to each challenge, task, or appointment.

Respect for others: We regard others as equals, and we treat others as we would like to be treated.

Positive Work Environment: We encourage and support our colleagues, and we promote an open, constructive dialog to identify solutions.

Lean: We seek to be effective and efficient in all we do. We value nimble and streamlined processes and seek to minimize bureaucracy. We share our ideas to fuel improvement.

Collaboration: Our greatest successes come when we work as a team. We eagerly collaborate with colleagues throughout the District, sister governments, and others to advance our mission.

Safety: Our conduct is shaped by a personal commitment to protect the health and safety of ourselves, our colleagues, and the public. Safety is driven through education, training, planning, protective equipment, and individual accountability.

These values shape and guide our day-to-day actions and our relationships with co-workers, customers, partners, and stakeholders.

Core Competencies

These are the unique strengths and capabilities that give LRD a competitive advantage. They represent what we do exceptionally well and are difficult for a competitor to imitate.

- **Quality Staff** - Attitude, diverse knowledge, motivation, tenure, willingness to accept change, Team Mentality
- **Leadership & Direction**
- **Reliable Systems**
- **Regulatory Compliance** – we strive to be compliant with all relevant regulatory and statutory requirements, including sister governments.
- **Quality services and products** - wastewater transmission, treatment, IQ, environmental monitoring, research, environmental education, biosolids
- **Customer service mentality** - Internal & External
- **Management of Technology**
- **Fiscally Prudent**
- **Ethical Practice**
- **Equitable & Transparent Organization**
- **Data Rich, Data Driven, & Not Politically Driven**
- **Transparent Problem Solving** - Openness & Healthy Disagreement
- **Organizational Flexibility & Agility** – within the confines of laws, rules, policies, and procedures.





**Circa 1950s
Jupiter / Tequesta**

Development in our service area has grown explosively over the last 50 years! Growth accelerated in the 1960s and 1970s as economic growth (major employers such as Pratt & Whitney, RCA) spurred new residential development. In the late 1980s, the missing link of I-95, from Ft. Pierce to PGA Blvd, was completed, and the population more than doubled between 1980 and 1990 and then doubled again from 1990 to 2010. This strong growth reflects the area's appeal as a desirable coastal community with appealing recreational amenities tied to a healthy local environment. Throughout all this development, the Loxahatchee River District has worked diligently to preserve our local environment, the inherent appeal of our community, by providing innovative wastewater solutions, research, and environmental stewardship.

1950 Jupiter/Tequesta

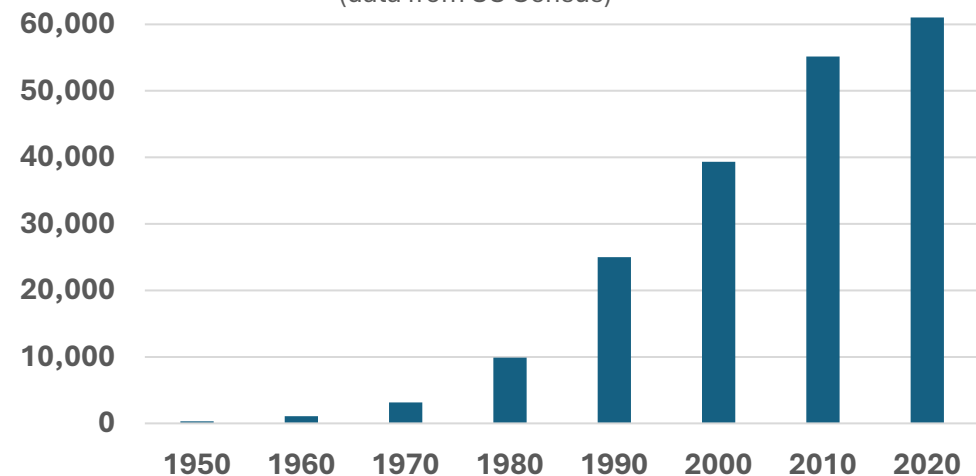
- Population ~ 950
- Pennock Plantation was largest employer.
- There was 1 small grocery store and a couple general stores.
- There were a few small motels on US1 from the drawbridge to just north of the county line.
- Jupiter's white school had fewer than 100 students and graduating class of 3.

1960s Jupiter/Tequesta

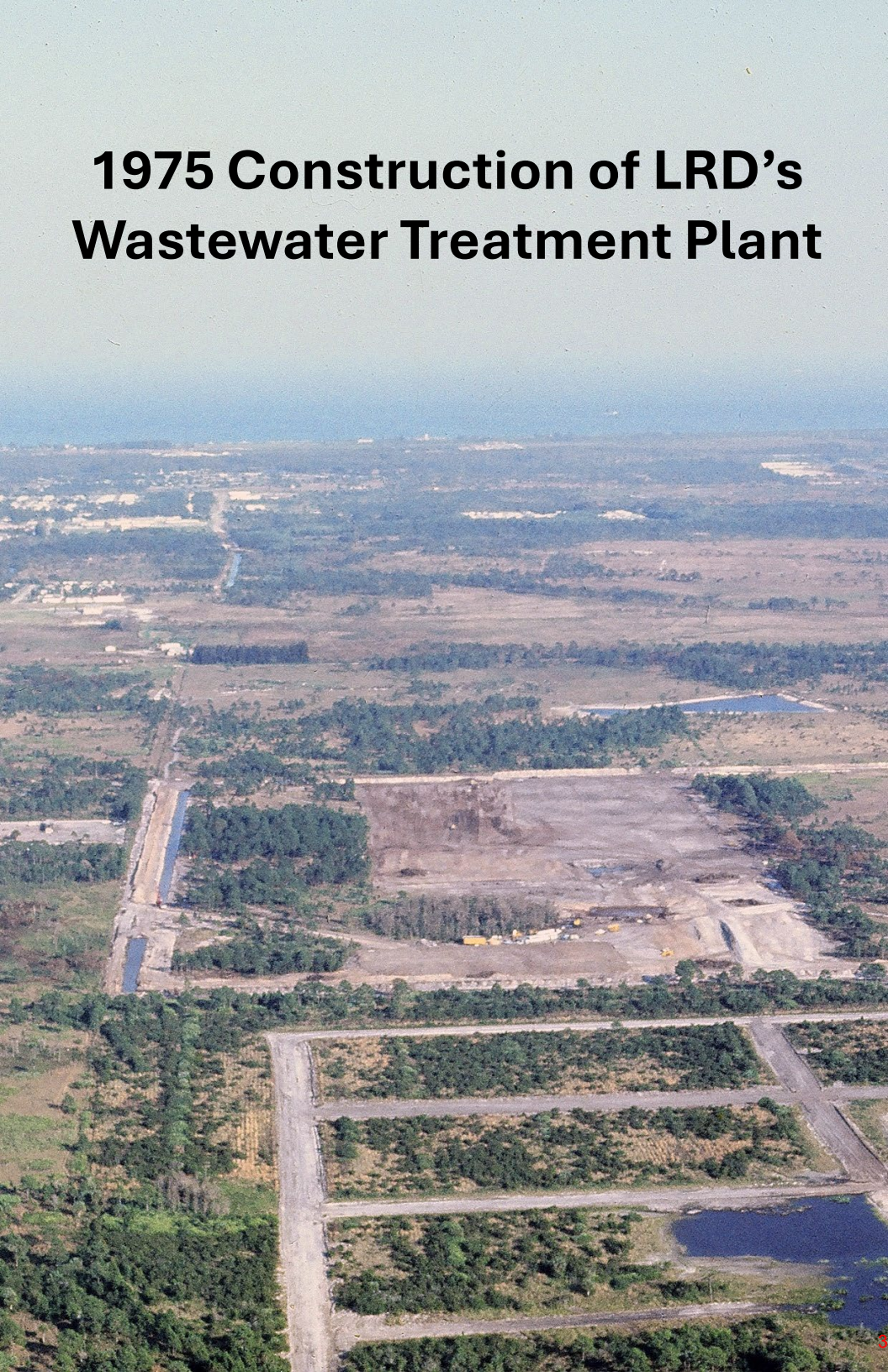
- Population ~ 2,000
- Pratt & Whitney & RCA (PB Gardens) were largest employers
- School had 630 students with graduating class of 27.

Town of Jupiter Population

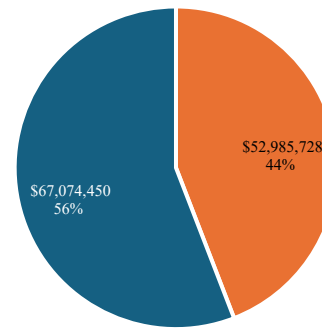
(data from US Census)



1975 Construction of LRD's Wastewater Treatment Plant

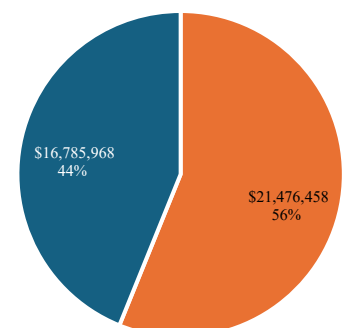


Collection and Transmission Lines



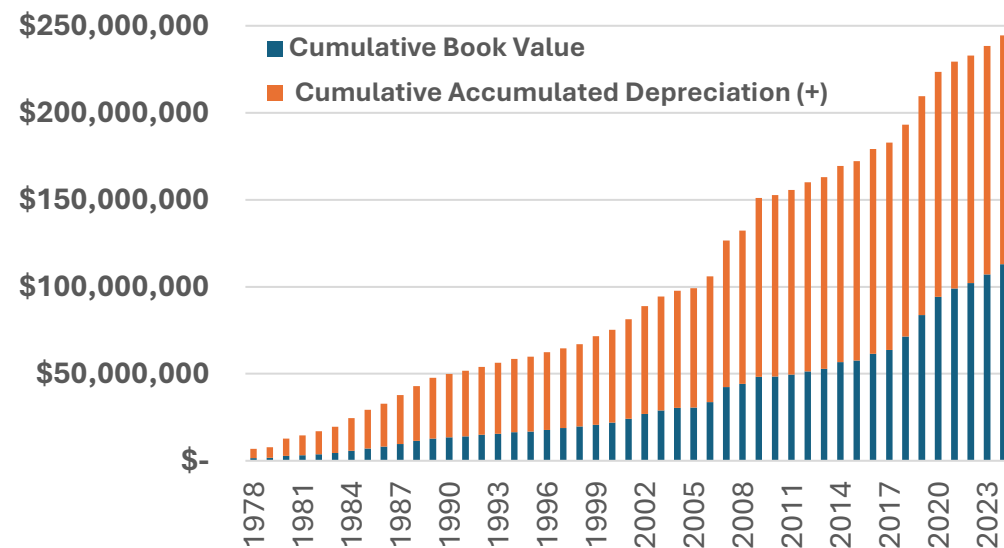
■ Accumulated Depreciation ■ Book Value

Treatment and Disposal Structures



■ Accumulated Depreciation ■ Book Value

The District is in an asset intensive industry. We rely on ~\$250 million in assets to accomplish our important work. Some of these assets have been in service since construction of the District's wastewater treatment facilities in 1975. Our critical assets require condition assessments so that they can be proactively rehabilitated or replaced before failure leads to loss of service and other unintended consequences, e.g., sewer overflows.



District assets are depreciated using a straight-line method with life expectancy defined per asset type. A fully depreciated asset, i.e., an asset that has served its full expected lifespan, has no book value and the total initial cost is shown as accumulated depreciation.



2025 Strategic Framework

1. Establish the Foundation

A. Mission – the purpose or reason LRD exists

B. Vision – desired future state

C. Core Values – daily behaviors that demonstrate organizational culture

2. Assess the Current State of LRD

A. SWOTs – review and rank key strengths & weaknesses (internal) and opportunities & threats (external)

B. White papers – expert review of current conditions

C. Surveys – quantitative stakeholder input

D. General input – qualitative stakeholder input

E. Leftover initiatives – initiatives not prioritized or completed from the prior strategic plan

3. Establish Strategy Map

A. Confirm strategic perspective (financial stewardship, employee learning & growth, operational excellence, and stakeholder focus)

B. Define achievable strategic objectives within each strategic perspective

4. Identify & Prioritize Strategic Initiatives (improvement projects)

A. Articulate strategic initiatives to address each prioritized SWOT element.

B. Rank each strategic initiative as P1 (top priority), P2 (secondary priority), or P3 (lowest priority)

5. Execute for Success

A. Assign an executive sponsor for each strategic initiative

B. Communicate the plan

C. Develop and maintain project initiatives to secure funding in Rate Study and Annual Budget

6. Evaluate Success

A. Track Key Performance Indicators (KPIs) for each initiative

B. Review Progress (monthly & annually)

1970s Installation of Key Underground Assets



2025 Asset Replacement & Asset Maintenance (below)

1975 Asset Creation via Neighborhood Sewering



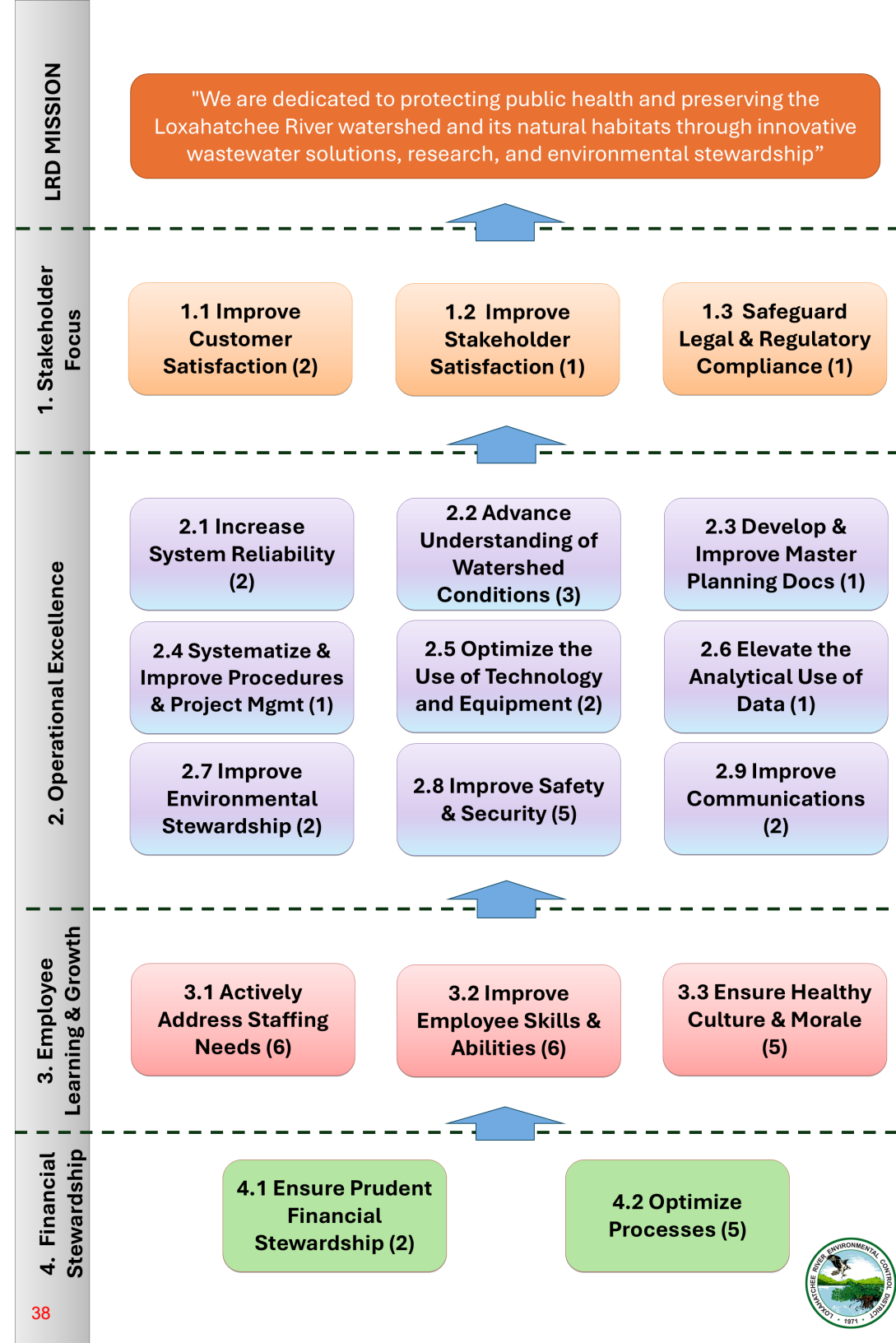
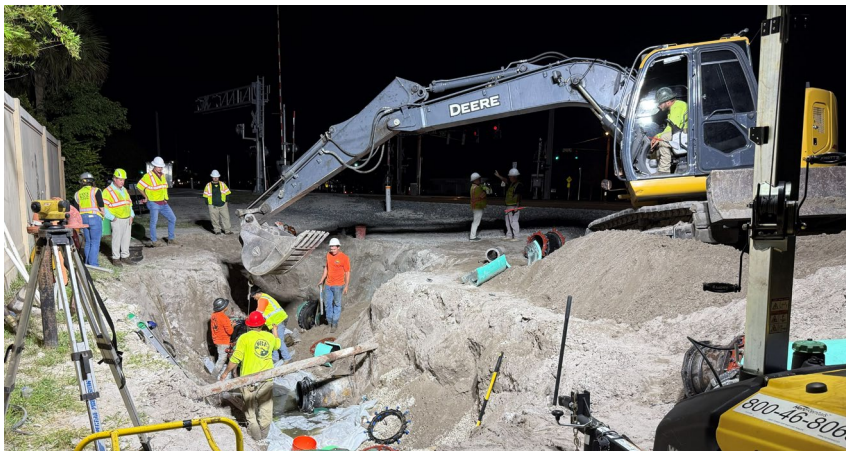
2025 LRD Strategy Map

A strategy map illustrates cause-and-effect relationships between strategic areas, strategic goals, and strategic initiatives. An effective strategy map creates a clear, shared understanding, throughout the District, of how our strategic goals fit together and where we need to focus our efforts to accomplish our mission.

The District's Strategy Map includes seventeen strategic goals within four strategic areas (e.g., financial stewardship, employee learning and growth, operational excellence, and stakeholder focus). Each strategic goal contains one or more strategic initiatives, i.e., specific projects that have been prioritized and assigned. The number in parentheses next to each goal indicates how many initiatives support it.

This strategy map reflects our belief that success begins with financial stewardship. Adequate and reliable funding is essential to support all other priorities. Investment in resources flows into our workforce, because skilled, engaged employees are essential to achieving our goals. A capable and supported workforce drives operational excellence, i.e., the quality, efficiency, and reliability of the work we do every day to maintain and improve our systems. Strong operations, in turn, result in positive outcomes for our customers, partners, and community.

If we successfully execute our strategy map, we will create value for our customers and stakeholders and achieve our mission.



2025 Top Level Balanced Scorecard & High Priority Initiatives

Strategic Area	Strategic Goal	Initiative #	Initiatives	Lead; Contributing Staff	Initiative Priority (P1, P2, P3)	Votes	Metrics
1	Stakeholder Focus	1.1	1.1a Improve name recognition within the community.	Jocelyn; Bud	P2	9	
			1.1b Increased access and functional pathways around or over reclaimed water lakes	Board	P3	5	
		1.2	1.2a Improve Stakeholder Satisfaction Negotiate win-win with Town of Jupiter on nano concentrate agreement to replace expiring agreement	Albrey; Kris	P1	5	
		1.3	1.3a Safeguard Legal & Regulatory Compliance Need proactive process to flag changes to state/federal regs (building code, statutes).	Curt; Albrey	P3	5	
2	Operational Excellence	2.1	2.1a Increase System Reliability Catalog, assess condition, and rehab of aging infrastructure, including WWTP, collection, transmission, and IQ distribution systems.	Jim N & Jason; EAM committee	P1	20	
			2.1b Continue on path with 2500 Jupiter Park Drive Site Improvements – Phase 1 including the overall stormwater plan.	Kris	P1	8	
		2.2	2.2a Advance Understanding of Watershed Conditions Greater engagement in stormwater activities (pollution source).	Bud	P2	6	
			2.2b Need to improve understanding of magnitude of western area pollution derived from septic effluent (ArcNLET). Evaluate cost-effective opportunities to improve water quality west of I-95.	Bud; Lab	P2	8	
			2.2c Need to understand alternative solutions to address western area pollution (Biochar cassette, stormwater treatment).	Bud; Albrey	P3	5	
		2.3	2.3a Develop & Improve Master Planning Documents Develop overall, long-term District Master Plan, including collections, transmission, treatment, distribution, physical security, cyber security, and environmental education facilities.	Kris; Courtney, Jason, Jim, Joe, Bud, Jocelyn, Kara	P1	43	
		2.4	2.4a Systematize and Improve Procedures and Project Management EAM inefficiencies (excessive clicks, redundant data requirements, prioritization process, operator efficiency, real-time analytics).	Jim N; EAM committee	P1	18	
		2.5	2.5a Optimize the Use of Technology and Equipment Opportunities to leverage AI/automation for customer service, process improvements, continuous threat response, emergency response optimization, and understanding regulatory/legislative changes.	Bud; Joe C., Albrey	P1	24	
			2.5b Improve computer training (Lack of familiarity with general computer systems, eg, EAM, Word, Excel, Collector App, GIS)	Bud & Joe	P1	11	
		2.6	2.6a Elevate the Analytical Use of Data Develop tools and processes to better track change of tenant for food service establishments. Department of Business & Professional Regulation may be a piece of the solution.	Courtney; Jason & Bud	P2	5	
		2.7	2.7a Improve Environmental Stewardship Evaluate and implement targeted treatment upgrades (filamentous control, sludge bulking) to improve WWTP process robustness.	Jason P	P1	7	
			2.7b Customer education: flushing guidance, LP system information.	Courtney	P2	8	

2025 Top Level Balanced Scorecard & High Priority Initiatives

Strategic Area	Strategic Goal	Initiative #	Initiatives	Lead; Contributing Staff	Initiative Priority (P1, P2, P3)	Votes	Metrics
2	Operational Excellence	2.8	Improve Safety & Security	Implement “low hanging fruit” identified in the RRA and Technical Memorandum, eg. SCADA inventory, SCADA governance policy, Register with Cybersecurity and Infrastructure Security Agency, Develop a Cybersecurity Call List, Verify manual system operations, Perimeter fence maintenance, Perimeter fence to isolate public access areas. Move forward with preliminary design report (initial engineering) for physical and electronic security at Admin and Wildpine. Address cybersecurity threats (ransomware, SCADA breaches, state-sponsored bad actors). Expand electrical safety training beyond lockout tagout Balance site security requirements with public access	Kris; Kris Bud; Joe C. Jorge; Directors Board	P1 P1 P1 P2	19 15 8 6 10
		2.9	Improve Communications	Improve dissemination of changes within EAM to relevant staff. Continue to increase the availability of customer contact info (phone numbers, email address) for emergency communications and outreach.	EAM Committee Bud	P1 P1	10 10
3	Employee Learning & Growth	3.1	Actively Address Staffing Needs	Retain Quality Staff Improve succession planning for key positions. Actively engage trade schools and high schools to improve recruiting opportunities. Need to develop on-ramps for new employees (apprenticeships, internships, externships) Recruiting for key technical positions (GIS, reliability engineer, maintenance foreman, SCADA support). Evaluate staffing needs among Departments (Workload is very high). Develop or expand agency partnerships for training and collaboration.	Albrey; Albrey; Directors Mike; Directors Mike; Directors Directors; Mike Mike; Jorge	P1 P1 P2 P2 P2	45 18 15 9 9 6
		3.2	Improve Employee Skills & Abilities	Evaluate readiness to implement emergency response plans through ‘fire’ drills. Improve employee skill sets via cross-training Implement Skills Matrix review as part of performance reviews, and use skills matrix to identify and implement key training needs, which uses technology (e.g., GIS, EAM) to capture legacy knowledge and train employees Develop stronger in-house capacity to use process improvement tools including failure analysis and troubleshooting. Increase use of staff-led training (train the trainer). Maintain Shout-out reward program to positively encourage demonstrated safety behavior.	Jorge; Directors Directors Albrey; Albrey; Directors; Jack Jorge; Directors Jorge; Albrey	P1 P1 P1 P2 P3	14 13 13 11 7 5

2025 Top Level Balanced Scorecard & High Priority Initiatives

Strategic Area	Strategic Goal	Initiative #	Initiatives	Lead; Contributing Staff	Initiative Priority (P1, P2, P3)	Votes	Metrics	
3	Employee Learning & Growth	3.3	Ensure Healthy Culture & Morale	3.3a	Ensure our retirement benefit is adequate to support employees in retirement	Administrative Committee	P1	19
				3.3b	Maintain District pay as competitive with COLA and merit increases, and improve relevant communications with employees	Albrey;	P1	19
				3.3c	Evaluate hazard pay policy for staff routinely exposed to hazards.	Mike; Albrey	P2	9
				3.3d	Evaluate LRD's participation in mental health awareness programs.	Mike	P2	5
				3.3e	Evaluate pros and cons of developing a sick leave pool that allows employees to donate leave to other employees. Such assessment would be conducted in the context of a paid time off policy (rather than our current leave policy).	Albrey; Mike	P3	5
4	Financial Stewardship	4.1	Ensure Prudent Financial stewardship	4.1a	Ensure financial planning anticipates ongoing and projected inflation. Address inflationary concerns by working expediently to execute high-cost projects.	Kara;	P1	15
				4.1b	Increase inventory of high-cost, commonly needed spare parts. District faces build-out of service area → limited capital revenues; need grants, state revolving funds, reassessments.	Albrey; Board	P2	7
		4.2	Optimize Processes	4.2a	Process to identify which materials and equipment to maintain in inventory as well as inventory levels to address routine and emergency responses.	Jim N; Kara, Directors	P1	19
				4.2b	Vehicle procurement/repairs take too long; consider onsite vehicle maintenance technician. Evaluate need for key spare vehicle(s) with tools.	Jason P	P1	14
				4.2c	Warehouse process improvements (labels, guides, scanner).	Kara;	P1	11
				4.2d	Continuously improve the Rate Study	Albrey; Directors	P2	9
				4.2e	Improve Rule 31-10 to specify fees to offset redevelopment review, so revenues are captured for engineering services even when equivalent connections are unchanged. Evaluate need to improve Rule text (e.g., 31-10, 31-13) to include clear penalty provisions including fines.	Courtney; Albrey	P2	8

The Top Level Balanced Scorecard is structured based on the Strategy Map. Initiatives were sorted among strategic areas and strategic goals, voted on relative to importance (more votes = more important), and prioritized (where P1 is the highest priority) by strategic planning participants. Each initiative has been assigned to a lead staff member and contributing staff members. We have not yet identified metrics for each initiative.

LRD's Executive Dashboard

This dashboard is reviewed monthly by the Governing Board to monitor organizational performance and ensure that operations are aligned with our strategic goals. This dashboard allows the Governing Board to quickly assess whether key metrics are on track, identify trends, detect emerging risks or issues, and determine if corrective action or additional direction is needed.

LOXAHATCHEE RIVER DISTRICT'S EXECUTIVE DASHBOARD

		Stewardship	Pre-Treatment	Collection & Transmission		Wastewater Treatment			Reclaimed Water	EHS	General Business					River Health		
		# People educated at RC	Grease Interceptor Inspections	Customer Service	Unauthorized Discharge of Sewage	Mean Daily Incoming Flow	Permit exceedance	NANO Blend to Reuse (@ 511)	Delivery of Reclaimed Water	Employee Safety	Cash Available	Revenue (excluding assessment & capital contrib.)	Operating Expenses	Capital Projects		Minimum Flow Compliance	Salinity @ NB seagrass beds	River Water Quality
Units		% of Target	% requiring pump out	# blockages with damage in home	Gallons; # impacting surface waters	million gallons/day	# occurrences	Max Specific Conductance (umhos/cm)	# days demand not met	# of OSHA recordable injuries	\$	% of Budget	% of Budget	% within budget	average # days behind schedule	# Days MFL Violation	Min %	Fecal Coliform Bacteria (cfu/100ml)
Green Level		≥ 90%	≤ 15	Zero	<704; 0	< 7.7	Zero	<1542	<2	Zero	≥ \$15,609,500	≥ 95%	≥ 85% but ≤ 105%	≥80%	≤ 30	0	min ≥ 20 %	≤ 1 site > 200
Yellow		< 90%	≤ 25	1	≤1,500; 0	< 8.8	1	≤1875	≥ 2	-	< \$15,609,500	≥ 90%	≥ 80%	≥60%	≤ 60	1	min ≥ 10 %	≤ 3 sites >200
Red		<75%	> 25	≥ 2	>1,500; ≥1	≥ 8.8	≥ 2	>1875	≥ 9	≥ 1	< \$10,406,330	< 90%	< 80% or > 105%	< 60%	> 60	≥ 2	min < 10 %	≥ 4 sites > 200
2022 Baseline		1,319	12	0.1	395	6.8	0	1,268	3	0	\$ 44,372,235	101%	91%	83%	51	1	22.6	3
2023 Baseline		1,451	13	0.0	1,124	7.0	0	1,296	6	0	\$ 44,656,875	106%	94%	90%	39	2	23	4
2024 Baseline		1,433	14	0.3	863	6.9	0	1,136	4	2	\$ 41,441,586	100%	95%	72%	52	5	22	2
2024	Sept	970	14	0	70; 0	7.0	0	1,082	5	0	\$ 41,233,651	102%	90%	70%	59	0	16.2	6
	Oct	1,250	12	3	69; 0	7.5	0	1,159	4	0	\$ 40,298,745	89%	96%	see Kris' new Project Report		0	4.5	1
	Nov	1,007	14	0	81; 0	6.9	0	1,089	0	0	\$ 41,266,064	92%	110%		26	0	14.5	1
	Dec	841	18	0	60; 0	6.9	0	1,130	1	0	\$ 41,363,495	96%	101%		23	0	31.5	0
2025	Jan	1,363	14	0	57; 0	7.1	0	1,127	0	0	\$ 41,057,266	99%	99%	85%	30	6	30.7	1
	Feb	1,208	14	0	51; 0	7.1	0	1,162	0	0	\$ 42,294,246	98%	95%	88%	26	9	32.3	2
	Mar	1,608	11	0	283; 1	7.1	0	1,159	1	0	\$ 41,731,365	100%	93%	76%	23	22	33.7	0
	Apr	1,375	12	0	43; 0	6.9	0	1,138	3	0	\$ 42,085,576	98%	92%	66%	23	10	29.0	0
	May	1,193	12	0	0; 0	6.5	0	1,142	0*	0	\$ 42,563,898	97%	95%	68%	22	22	31.4	7
	June	2,205	14	0	277; 1	6.3	0	1,283	0*	0	\$ 40,602,108	98%	95%	67%	28	11	33.2	3
	July	2,400	15	0	602; 0	6.3	0	1,193	0*	0	\$ 40,185,835	98%	94%	60%	33	18	31.8	4
	Aug	1,381	15	0	54; 0	6.3	0	1,208	0*	0	\$ 40,840,194	97%	93%	60%	34	0	30.0	4
	Sept	705	12	0	0; 0	6.5	0	1,221	0*	1	\$ 38,013,832	97%	93%	88%	31	0	16.8	7
Consecutive Months at Green		0	9	11	3	196	53	179	5	0	192	10	10	1	0	2	0	0
Metric Owner		O'Neill	Pugsley	Dean	Dean	Pugsley	Pugsley	Pugsley	Dean	Alvarez	Fraraccio	Fraraccio	Fraraccio	Dean	Dean	Howard	Howard	Howard
Metric		Explanation																
Environmental Education		We had ~250 fewer people participate in programs in Sept. 2025 than Sept. 2024. We cancelled some underperforming programs and used the freed up staff time to work on in-house maintenance projects that needed attention.																
Employee Safety		An employee was injured when he fell after stepping into a hole in a private yard adjacent to a low-pressure station as he was working on a repair on the low-pressure sewer system. The accident was deemed an OSHA recordable injury due to days away from work as the employee is awaiting testing. See Albrey for more information.																
Capital Projects (time)		Average days variance (i.e., delay) has improved to 31 days (it was 34 days last month). We continue to work through ongoing delays on various projects. Please see Kris' Capital Program Report for a comprehensive discussion of each of our capital projects.																
Salinity		We received over 6-inches of rain at the plant site in September, and flows over Lainhart peaked at 268 cfs on 9/28. Also, on 9/28 there was 247 cfs of freshwater flow through S-46, the flood control structure on C-18. These flows were sufficient to decrease salinity below ideal conditions for seagrasses.																
Fecal Coliform Bacteria		High fecal coliform bacteria (>200 cfu/100 ml) were observed at Stations 62 (Island Way Bridge), 65 (Kitchen Creek), 67 (Trapper Nelson's), 69 (Northwest Fork at Indiantown Rd), 72 (Loxahatchee River Rd bridge), 95 (Jupiter Farms), and 100 (Cypress Creek mouth). The high bacteria values appear to be driven by meaningful rainfall that occurred prior to sampling, and these stations precisely match the seven stations with high bacteria counts in May. See Bud's report for additional details.																

LRD's Annual Dashboard

This dashboard is reviewed annually by the Governing Board and provides a high-level, data-driven basis for oversight, informed decision-making, and organizational accountability to our rate payers. This dashboard was implemented pursuant to Florida Statutes 189.0694 relates to programs, activities, goals, objectives, and performance measures derived from LRD's enabled powers as provided in our enabling act (Chapter 2021-249, Laws of Florida as amended).



LOXAHATCHEE RIVER DISTRICT'S ANNUAL FS 189.0694 DASHBOARD

Goal	Performance Measure	Units	Standards			Actual Performance	
			Green	Yellow	Red	FY2023	FY2024
Regulatory Compliance	Regulatory Compliance	% of days in full compliance	100%	<100%	<99%	100%	100%
	Unauthorized Discharge of Sewage	gallons spilled per million gallons handled	<3.4	≥3.4	>6.8	2.9	2.9
	Max 3-month Mean Daily Influent Flow	% of permitted capacity	≤75%	>75%	>90%	65.0%	67.5%
	Industrial Pretreatment Inspections	% of inspections completed ontime	≥95%	<95%	<90%	98%	99%
Water Reuse	Water Reuse Efficiency	# of days treated effluent not available to be recycled	≤9	>9	>18	4	0
Customer Service	Customer Service	# blockages with damage in home per 10,000 customers	≤1	>1	>2.1	0.0	0.0
	Timely Engineering Plan Review	average response time (# business days)	≤5	>5	>7	1.7	1.5
Asset Management	Planned vs. Unplanned Maintenance	planned maintenance (# of work orders) ÷ total maintenance (# of work orders)	≥60%	<60%	<50%	72.5%	67.0%
	Wastewater Treatment Plant (WWTP) Rehabilitation Rate	WWTP renewal & replacement expenditures as a proportion of total WWTP asset value, based on 5-year moving average	≥1.7%	<1.7%	<0.7%	0.8%	0.8%
	Wastewater Pump Stations Rehabilitation Rate	pump station renewal & replacement expenditures as a proportion of total pump station value, based on 5-year moving average	≥2.0%	<2.0%	<1.9%	5.5%	4.8%
	Gravity Sewer System Condition	% of gravity lines and manholes inspected and in good condition (SL-RAT score ≥7), based on most recent 5-years	≥90%	<90%	<80%	93.8%	95.7%
Financial Stability	Affordability of Wastewater Fees	Percentile of Surveyed Wastewater Rates	<50 th	≥50 th	≥75 th	5 th	5 th
	Revenue [†]	% of budget	≥95%	<95%	<90%	110%	102%
	Operating Expenses	% of budget	≥90%	<90%	<80% or >100%	92%	90%
Public Engagement	Annual Audit	annual comprehensive financial report completed and posted in a timely manner	Yes	-	No	Yes	Yes
	People Educated by LRD	number of people	≥17,000	<17,000	<15,000	18,706	19,841
Workforce	Effective Staffing	% of employee turnover	<10%	≥10%	≥20%	9.5%	13.1%
	Employee Safety	total recordable injury rate (TRIR)	≤1.8	>1.8	>3.5	0.0	2.5
Accessible Environmental Data	WildPine Lab NELAC Certification	certified for non-potable water: general chemistry and microbiology	Yes	-	No	Yes	Yes
	Conduct, analyze, and report on environmental sampling	% of all relevant data accessible online through data visualizations and interactive reports	≥95%	<95%	<80%	100.0	100.0

[†] excludes revenue from assessments and capital contributions

Performance Measure

Explanation

WWTP Rehabilitation Rate

Recent efforts have focused on developing a 50-year conceptual site plan to accommodate longterm expansion, which has been completed. Over the next few years we will be working to replace aging facilities (e.g., warehouse, maintenance building, and biosolids processing facilities).

Employee Staffing

We had an unusually high turnover among "collections operator trainees" this year, which accounted for 36% of the observed turnover.

Employee Safety

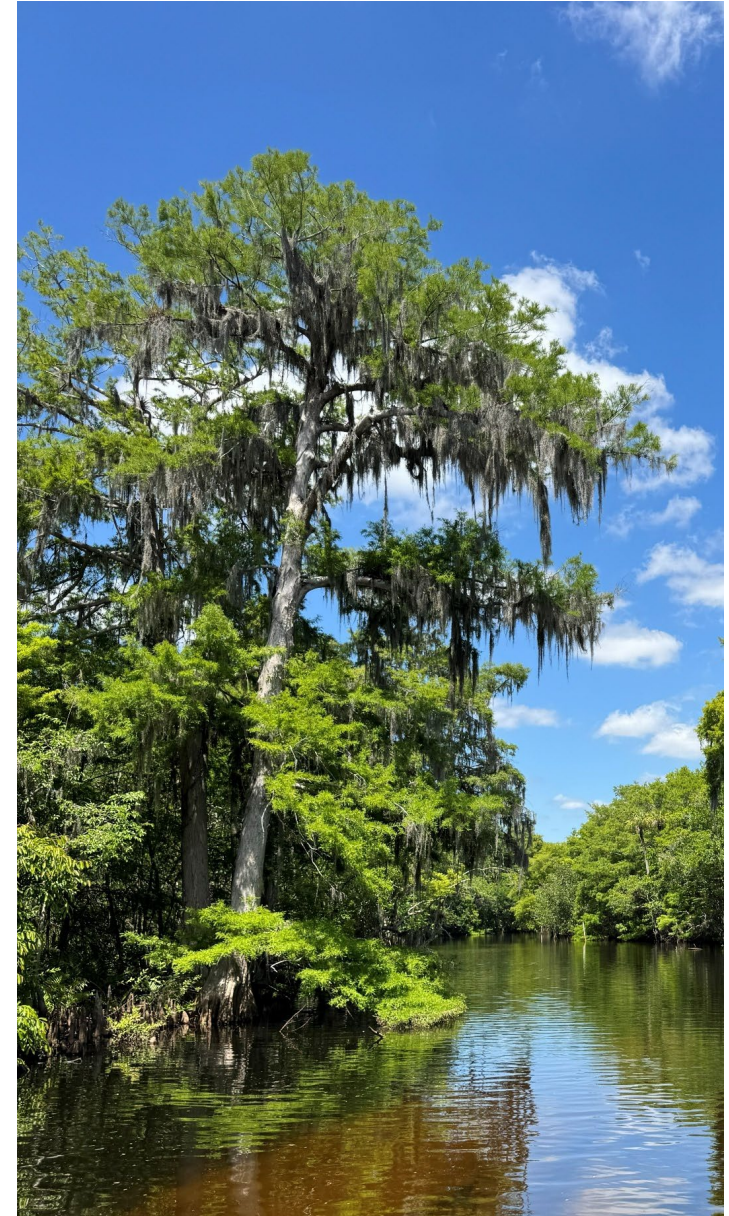
We had two OSHA recordable injuries this fiscal year. Both employees are fine and have returned to work with no restrictions.

Successful Execution of the Strategic Plan

To bring our Strategic Plan to life, we will actively track our progress and stay focused on what matters most. Our Executive and Annual Dashboards will give us a clear, high-level view of key performance indicators and the status of our priority initiatives. By continuously monitoring our progress, we can quickly see where we are succeeding and where we need to adjust. Each strategic initiative will have a clear charter that outlines its purpose, scope, timeline, and ownership, ensuring shared understanding and accountability.

We will publish and review our dashboards. The Executive Dashboard is published monthly in the Board Notebook, while the Annual Dashboard is published annually at the close of the fiscal year. We will celebrate progress, solve challenges, and work to keep on track. By leaning into this process—with communication, collaboration, and commitment—we strengthen our ability to deliver meaningful results for our community and our environment.

Let's execute with focus and pride.



Appendix A. 2025 Balanced Scorecard with Low Priority Initiatives

Strategic Area	Strategic Goal	Initiative #	Initiatives	Votes
1. Stakeholder Focus	1.1 Improve Customer Satisfaction	1.1c	Evaluate options to implement with existing or new vendor to improve ongoing payment system issues (autopay setup, card storage, failed transaction visibility, payment plans, downtime, data file issues).	3
		1.1d	Address customer confusion created by DOXO, which creates need to refund monthly payments.	3
		1.1e	Social media presence entirely focused on LRD vs slightly expanding general LRD postings on River Center accounts	2
		1.1f	Remit Plus: significant work to correct account numbers due to new format.	0
	1.2 Improve Stakeholder Satisfaction	1.2b	Assure that IQ (reuse) water is available to fulfill contracted quantities for existing customers and develop new supplies and opportunities where economically feasible.	1
2. Operational Excellence	2.1 Increase System Reliability	2.1c	Move forward with 2500 Jupiter Park Drive Site Improvements – Phase 2 (Biosolids).	4
		2.1d	Implement WWTF Critical Process Evaluation to determine specific deficiencies in each critical treatment process resulting in increased risk from Hurricanes, Tornadoes, Lightning and Flood. Follow with PDR, Design-Bid, Construction.	4
		2.1e	Finalize comprehensive list of IT assets with criticality score, replacement schedule.	2
		2.1f	Maintain reliability of key software systems.	2
		2.1g	Standards do not address IQ/plant-specific items.	0
		2.1h	Prioritize Hazard specific mitigation plans	0
		2.1i	Move forward with PDR for physical and electronic security at C18 and other watercrossings.	0
	2.2 Advance Understanding of Watershed Conditions	2.2d	Improve data sharing & integration with other agencies during plan reviews.	4
		2.2e	Evaluate environmental monitoring programs (why, where, how often) to confirm sampling program is achieving desired results.	3
		2.2f	Stormwater impacts to water quality and needed stormwater system improvements	1
	2.3 Develop & Improve Master Planning Documents	2.3b	For critical assets, develop emergency response plans that include equipment, materials and contracts to achieve resilient system functionality.	0
	2.4 Systematize and Improve Procedures and	2.4b	Develop standardized task plans and review periodically.	4
		2.4c	Some SOPs outdated; need updates.	2
	2.5 Optimize the Use of Technology and Equipment	2.5c	Monitor and evaluate suitability of new technologies (analytical methods, monitoring devices, etc).	4
		2.5d	Use of the latest technology to facilitate process workflow improvements for staff.	1
		2.5e	Facilitate the use of automation organization-wide.	1
		2.5f	New technology needs simple interface so technical competency of staff is not burdensome	1
		2.5g	Evaluate technologies to implement remote monitoring at all low pressure stations	0
		2.5h	Older collection systems in GIS need to be QA/QC'd through record drawing review. Summer interns have been working on this project. Goal is to update GIS and EAM simultaneously as data is available.	0
		2.5i	Partnerships with top tier consultants and vendors (e.g., Palo Alto, HPE, Microsoft) to supplement internal capacity.	0
	2.6 Elevate the Analytical Use of Data	2.6b	Maintain Integration of Technology	3
		2.6c	Maintain rigorous sampling for potential future PFAS/nutrient regs.	3
		2.6d	Summary & synthesis of data for EPA/DEP reporting and scientific publications.	2
		2.6e	Improve use & integration of databases	1
		2.6f	Could benefit from full-time QC Officer position.	1
		2.6g	Establish uniform Departmental dashboards	0

Appendix A. 2025 Balanced Scorecard with Low Priority Initiatives

Strategic Area	Strategic Goal	Initiative #	Initiatives	Votes
2. Operational Excellence	2.7 Improve Environmental Stewardship	2.7c	Enhance PFAS source control and industrial pretreatment programs.	2
		2.8f	Improving site security at 2500 Jupiter Park Drive (limiting site access)	4
	2.8 Improve Safety & Security	2.8g	Standardizing on a single truck crane (make/model) would be helpful for staff training, operation, troubleshooting, and maintenance.	3
		2.8h	Disaster recovery & business continuity planning needs improvement.	2
		2.8i	Inventory and maintenance of safety kits (buildings & vehicles).	1
		2.9c	Improved collaboration and communication between engineering and finance regarding change orders.	4
	2.9 Improve Communications	2.9d	Develop a formal process to obtain and maintain gate codes.	3
		2.9e	Improve communication of MOT plans to staff working in roadways.	2
		2.9f	Proactive communications to improve customer service.	1
		2.9g	We need improved integration between Engineering and Customer Service (e.g., estoppel, compliance).	0
3. Employee Learning & Growth	3.1 Actively Address Staffing Needs	3.1g	Imposing and managing ever-increasing technological requirements on staff.	2
	3.2 Improve Employee Skills & Abilities	3.2g	New equipment/certifications create challenges for staff (training & experience).	1
		3.2h	Limited staff with advanced computer skills	0
	3.3 Ensure Healthy Culture & Morale	3.3f	Physically demanding jobs (dirty & hot work).	4
		3.3g	The District's use of technology (telemetry, SCADA, EAM, Power BI, AI, ML, automation) is rapidly increasing, raising required staff competencies.	3
4. Financial Stewardship	4.1 Ensure Prudent Financial stewardship	4.1c	Explore business collaborations (e.g., cell tower lease) for revenue.	4
		4.1d	Expand service territory.	4
		4.1e	Budget impacts of AI implementation.	0
	4.2 Optimize Processes	4.2f	Financial analytics delayed; need real-time reporting.	1

This Balanced Scorecard, structured based on the Strategy Map, shows low priority initiatives sorted among strategic areas and strategic goals. The number of votes is proportional to importance (more votes = more important). These initiatives were deemed low priority because they received fewer than 5 votes, and as such they were not assigned a priority score (e.g., P1) nor were they assigned a lead or contributing staff members.



Appendix B. Photos from Nov 4 & 5, 2025 Strategic Planning at the River Center.





LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Governing Board
FROM: D. Albrey Arrington, Ph.D., Executive Director
DATE: November 14, 2025
SUBJECT: LRD Annual Dashboard - Florida Statutes 189.0694

Attached you will find the final draft of the LRD's FY2025 annual dashboard, which was created pursuant to Florida Statutes Chapter 189.0694. In addition to the dashboard, the subsequent pages provide the necessary text documenting and explaining the programs, activities, goals, objectives, and performance measures that were recommended by staff and authorized by the Governing Board.

While staff continue to explore ideas and metrics to improve this annual dashboard, I believe it is fully compliant with the spirit of Florida Statutes Chapter 189.0694. Therefore, I offer the following motion for your consideration:

“THAT THE DISTRICT GOVERNING BOARD receive and file LRD’s FY2025 annual dashboard in conformity with FS 189.0694 and direct staff to provide this annual dashboard report via the District’s website.”

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Water Reclamation – Environmental Education – River Restoration



LOXAHATCHEE RIVER DISTRICT'S ANNUAL DASHBOARD

Goal	Performance Measure	Units	Standards			Actual Performance		
			Green	Yellow	Red	FY2023	FY2024	FY2025
Regulatory Compliance	Regulatory Compliance	% of days in full compliance	100%	<100%	<99%	100%	100%	100%
	Unauthorized Discharge of Sewage	gallons spilled per million gallons handled	<3.4	≥3.4	>6.8	2.9	2.9	0.6
	Max 3-month Mean Daily Influent Flow	% of permitted capacity	≤75%	>75%	>90%	65%	67%	65%
	Industrial Pretreatment Inspections	% of inspections completed on time	≥95%	<95%	<90%	98%	99%	95%
Water Reuse	Water Reuse Efficiency	# of days treated effluent not available to be recycled	≤9	>9	>18	4	0	0
Customer Service	Customer Service	# blockages with damage in home per 10,000 customers	≤1	>1	>2.1	0.0	0.0	0.9
	Timely Engineering Plan Review	average response time (# business days)	≤5	>5	>7	1.7	1.5	2.1
Asset Management	Planned vs. Unplanned Maintenance	planned maintenance (# of work orders) ÷ total maintenance (# of work orders)	≥60%	<60%	<50%	73%	67%	70%
	Wastewater Treatment Plant (WWTP) Rehabilitation Rate	WWTP renewal & replacement expenditures as a proportion of total WWTP asset value, based on 5-year moving average	≥1.7%	<1.7%	<0.7%	0.8%	0.8%	not yet available
	Wastewater Pump Stations Rehabilitation Rate	pump station renewal & replacement expenditures as a proportion of total pump station value, based on 5-year moving average	≥2.0%	<2.0%	<1.9%	5.5%	4.8%	not yet available
	Gravity Sewer System Condition	% of gravity lines and manholes inspected and in good condition (SL-RAT score ≥7), based on most recent 5-years	≥90%	<90%	<80%	94%	96%	96%
Financial Stability	Affordability of Wastewater Fees	Percentile of Surveyed Wastewater Rates	<50 th	≥50 th	≥75 th	5 th	5 th	5 th
	Revenue [†]	% of budget	≥95%	<95%	<90%	110%	102%	97%
	Operating Expenses	% of budget	≥90%	<90%	<80% or >100%	92%	90%	93%
Public Engagement	Annual Audit	annual comprehensive financial report completed and posted in a timely manner	Yes	-	No	Yes	Yes	Yes
	People Educated by LRD	number of people	≥17,000	<17,000	<15,000	18,706	19,841	18,369
Workforce	Effective Staffing	% of employee turnover	<10%	≥10%	≥20%	9.5%	12.5%	17.0%
	Employee Safety	total recordable injury rate (TRIR)	≤1.8	>1.8	>3.5	0.0	2.5	1.0
Accessible Environmental Data	WildPine Lab NELAC Certification	certified for non-potable water: general chemistry and microbiology	Yes	-	No	Yes	Yes	Yes
	Conduct, analyze, and report on environmental sampling	% of all relevant data accessible online through data visualizations and interactive reports	≥95%	<95%	<80%	100	100	100

[†] excludes revenue from assessments and capital contributions

Performance Measure	Explanation
WWTP Rehabilitation Rate	Due to the inherent procedures associated with closing out our financial reporting of the fiscal year, these data are not yet available. Staff anticipate these data being available by your December Board meeting.
WW Pump Stations Rehabilitation Rate	Due to the inherent procedures associated with closing out our financial reporting of the fiscal year, these data are not yet available. Staff anticipate these data being available by your December Board meeting.
Employee Staffing	For the second consecutive year, we experienced unusually high staff turnover. Of all departures, 33% involved employees with less than one year of service, 27% were due to retirements, and 20% resulted from employees relocating out of the area because of the cost of living.

Pursuant to Florida Statutes 189.0694 the Loxahatchee River Environmental Control District (LRD) has identified the following programs, activities, goals, objectives, and performance measures, which are all derived from LRD's enabled powers as provided in our enabling act ([Chapter 2021-249, Laws of Florida](#) as amended). Our mission statement, which is intended to summarize the legislative intent behind the creation of our agency, states *"We are dedicated to protecting public health and preserving the Loxahatchee River watershed and its natural habitats through innovative wastewater solutions, research, and environmental stewardship."*

LRD staff are continuously focused on how our day-to-day efforts are directly related to protecting public health and preserving the Loxahatchee River. The programs, activities, goals, and objectives listed below were selected to reflect the complex and critical role of effective wastewater management in protecting public health and the Loxahatchee River watershed.

PROGRAM: SEWER SYSTEM OPERATION AND MANAGEMENT

ACTIVITY: Construct, acquire, and operate systems to collect, transmit, treat, dispose of, and beneficially reuse wastewater and associated products and byproducts

Goal 1. Regulatory Compliance: Our overarching goal is to avoid any warning letter or compliance action from Florida Department of Environmental Protection (FDEP) or the U.S. Environmental Protection Agency (EPA).

Objective: Ensure all operations meet or exceed state and federal regulations, including those set by the FDEP and the EPA.

Performance Measure: Regulatory Compliance – percent of days LRD was fully compliant with all applicable regulations

Standard: Green = 100% of days compliant; Yellow <100% of days compliant; Red <99% of days compliant (*red signifies failure to meet our objective, which is true for all metrics*)

Rationale: The LRECD expects to operate our sewer system in full compliance with our permitted operating conditions. As such, our nominal condition should be fully compliant with our existing DEP and EPA permit conditions.

Performance Measure: Unauthorized discharge of sewage (aka Sanitary Sewer Overflow)

Standard: Green <3.4 gallons of sewage spilled per million gallons of sewage handled; Yellow ≥ 3.4 gallons of sewage spilled per million gallons of sewage handled; Red ≥ 6.8 gallons of sewage spilled per million gallons of sewage handled.

Rationale: Our benchmark is based on the generic six sigma failure rate of 3.4 defects per million opportunities. If we spill less than 3.4 gallons of sewage per million gallons of sewage handled, then we would be green. We treat approximately 2.5 billion gallons of wastewater per year, so if we spill less than 8,500 gallons of sewage per year ($8,500 = 2,500 \text{ million gallons/month} \times 3.4$), our benchmark would be green. This benchmark is well understood and represents 99.99966% efficiency. We have set our yellow benchmark from 3.4 to 6.8 gallons of sewage spilled per million gallons of sewage handled (i.e., up to

17,000 gallons spilled per year). If our unauthorized discharges exceed 6.8 gallons of sewage per million gallons of sewage handled (e.g., 17,000 gallons of sewage spilled per year), then the metric would be red.

With respect to this metric, an unauthorized discharge of sewage, aka sanitary sewer overflow, refers to a non-permitted discharge of sewage (aka a sewage spill or overflow) when that discharge is related to the function or operation of the sewer system under control of the Loxahatchee River Environmental Control District. Overflows caused by customer-controlled systems or operations (e.g., homeowner turning off their power to a low-pressure pump station) as well as negligent impacts to the LRECD's sewer system by others (e.g., directional drill contractor negligently breaking a LRECD wastewater force main) are specifically excluded from this definition. These are excluded because they are outside of LRD's control.

Performance Measure: Max 3-month mean daily influent flow

Standard: Green $\leq 75\%$ of permitted capacity; Yellow $> 75\%$ of permitted capacity; Red $> 90\%$ of permitted capacity.

Rationale: This metric relates to our permit requirements to conduct a capacity analysis report and reflects our ability to serve new customers or additional flow from our current customers with our existing, permitted wastewater treatment and disposal facilities.

Performance Measure: Industrial Pretreatment Inspections

Standard: Green $\geq 95\%$ of scheduled inspections completed on time; Yellow $< 95\%$ of scheduled inspections completed on time; Red $< 90\%$ of scheduled inspections completed on time.

Rationale: We conduct industrial pretreatment inspections to determine if non-residential sewer customers should be classified as an industrial user, if they should be using any pretreatment technologies (e.g., grease interceptor for commercial food establishment), and if required pretreatment technologies are in place and functioning as intended. The timely execution of this inspection program is a key element in our proactive efforts to ensure continued, effective functionality of our wastewater collection and treatment system.

Goal 2. Water Reuse

Objective: Maximize the beneficial use of reclaimed water to preserve native surface and groundwater for the National Wild & Scenic Loxahatchee River.

Performance Measure: Number of days treated effluent was not available to be recycled, i.e., the number of days we disposed of treated effluent down our deep injection well because of ineffective or insufficient wastewater treatment. This metric does not count treated effluent that is not recycled because our reclaimed water storage lakes were full, i.e., due storage capacity limitations.

Standard: Green ≤ 9 days; Yellow > 9 days; Red > 18 days.

Rationale: If ineffective wastewater treatment requires our treated effluent to be disposed of (rather than recycled) for 9 or fewer days per year ($< 2.5\%$ of days), then we would be

green. If ineffective wastewater treatment requires our treated effluent to be disposed of (rather than recycled) for more than 9 days per year ($\geq 2.5\%$ of days), then we would be yellow. If ineffective wastewater treatment requires our treated effluent to be disposed of (rather than recycled) for more than 18 days per year ($\geq 5\%$ of days), then we would be red. This metric is intended to quantify missed opportunities to beneficially reuse our reclaimed water due to poor performance or process upsets within our wastewater treatment facility.

Goal 3. Customer Service

Objective: Provide exceptional customer service to our rate payers.

Performance Measure: The number of wastewater blockages caused by LRD assets that cause damage within a customer's home or business.

Standard: Green = ≤ 1 property damaged per 10,000 customers; Yellow > 1 property damaged per 10,000 customers; Red > 2.1 properties damaged per 10,000 customers.

Rationale: The LRD has 33,403 wastewater customers. We have selected one failure per 10,000 customers as our target benchmark. So, if we have three or fewer customers with damage inside their home or business resulting from failed or ineffective LRD assets, then we would be green. We have doubled that amount to determine a yellow condition ($3.34 \times 2 = 6.68$ which rounds to seven). More than 2.1 properties damaged per 10,000 customers (e.g., 7 such failures) will result in a red condition.

Performance Measure: The average response time, in business days, to review submitted engineering plans.

Standard: Green = ≤ 5 business days; Yellow > 5 business days; Red > 7 business days.

Rationale: Engineering plan review and approval is an important aspect of the LRD, because it ensures compliance with LRD's engineering standards. To respect and accommodate the schedules of our customers and their consultants (engineers), it is important that engineering plan review occurs in a timely manner. One business week, or 5 business days, has been determined to be a reasonable amount of time to conduct engineering review of submitted plans.

Goal 4. Asset Management

Objective: Regularly inspect, maintain, and upgrade wastewater infrastructure to prevent failures, reduce inflow and infiltration, and accommodate future growth and development.

Performance Measure: Planned maintenance as a percentage of total maintenance, where maintenance is measured in numbers of work orders completed per year.

Standard: Green $\geq 60\%$; Yellow $< 60\%$; Red $< 50\%$

Rationale: Maintaining assets is a critical exercise for wastewater utilities. Both planned and unplanned maintenance are essential, but generally planned maintenance is preferred because it proactively avoids breakdowns and allows work to be scheduled in a systematic manner whereas unplanned maintenance addresses issues after they occur and typically

have higher repair and labor costs. LRD's intent is to have a robust and fully implemented preventative maintenance program, so we minimize the need for unplanned maintenance and the associated unplanned downtime. These thresholds are based on general industry standards.

Performance Measure: Wastewater Treatment Plant (WWTP) Rehabilitation Rate

Standard: Green $\geq 1.7\%$; Yellow $< 1.7\%$; Red $< 0.7\%$

Rationale: This metric is derived from AWWA Wastewater Utility Benchmarking Report and conceptually represents the fraction of our assets that are budgeted for renewal or replacement in a given fiscal year. The metric is calculated by dividing the renewal and replacement funds by the total asset value. Because there can be significant variability year to year in these major capital investments, we report the 5-year moving average. These thresholds are based on the 50th and 75% percentile values published in the 2023 AWWA Wastewater Utility Benchmarking Report.

Performance Measure: Wastewater Pump Stations Rehabilitation Rate

Standard: Green $\geq 2.0\%$; Yellow $< 2.0\%$; Red $< 1.9\%$

Rationale: This metric is derived from AWWA Wastewater Utility Benchmarking Report and conceptually represents the fraction of our assets that are budgeted for renewal or replacement in a given fiscal year. The metric is calculated by dividing the renewal and replacement funds by the total asset value. Because there can be significant variability year to year in these major capital investments, we report the 5-year moving average. These thresholds are based on the 50th and 75% percentile values published in the 2023 AWWA Wastewater Utility Benchmarking Report.

Performance Measure: The percentage of gravity lines and manholes inspected and determined to be in good condition (i.e., SL-RAT score ≥ 7).

Standard: Green $\geq 90\%$; Yellow $< 90\%$; Red $< 80\%$

Rationale: The LRD is working to systematically assess all gravity lines and manholes every 5 years, i.e., 20% of gravity lines and manholes assessed per year. We use an acoustic sewer inspection tool (SL-RAT) to assess the condition of our gravity sewer lines and we visually assess manhole conditions while conducting the acoustic assessment. Manholes and gravity lines with a score ≥ 7 are deemed to be in good, fully-functional condition and improvements are not required. Manholes and gravity lines with a score from 4 to 6 are deemed to be in fair condition and require additional non-emergency work to restore full functionality. Manholes and gravity lines with a score from 0 to 3 are deemed to be blocked or in poor condition and require emergency work to restore functionality. By assessing 5-years of data, we will provide insight into the most recent condition assessment of these important assets.

PROGRAM: ORGANIZATIONAL GOVERNANCE

ACTIVITY: Implementation of established policies and procedures to control and operate the LRD.

Goal 5. Financial Sustainability

Objective: Maintain a balanced financial condition that ensures monies are available for necessary operating and capital expenditures, while striving to maintain an affordable rate structure.

Performance Measure: Affordability of wastewater rates

Standard: Green <50th percentile of surveyed wastewater utilities; Yellow ≥50th percentile of surveyed wastewater utilities; Red ≥75th percentile of surveyed wastewater utility rates.

Rationale: The LRD actively works to balance the competing demands of delivering reliable, high-quality services while keeping rates affordable for our consumers. This requires optimizing operational efficiency, investing in infrastructure, ensuring regulatory compliance, managing resources sustainably, and addressing long-term challenges like technology and capacity upgrades. To assess our cost-effectiveness, LRD benchmarks our wastewater rates against a minimum of fifteen (15) comparable wastewater utilities throughout Florida. In our comparison, we assume a 2-toilet home generates 5,000 gallons of wastewater per month and a 3-toilet home generates 7,000 gallons of wastewater per month.

Performance Measure: Earned Revenue

Standard: Green: earned revenue is ≥95% of budgeted revenue estimates; Yellow: earned revenue is <95% of budgeted revenue estimates; Red: earned revenue is <90% of budgeted revenue estimates.

Rationale: This metric assesses the actual revenues collected as compared to the revenues anticipated in the budget. These revenues, both actual and budgeted, exclude revenues from assessments and capital contributions.

Performance Measure: Operating Expenses

Standard: Green: actual operating expenses were ≥90% to 100% of budgeted operating expenses; Yellow: actual operating expenses were <90% of budgeted operating expenses; Red: actual operating expenses were <80% or >100% of budgeted operating expenses.

Rationale: This metric assesses the actual operating expenses incurred as compared to the operating expenses anticipated in the budget.

Goal 6. Public Engagement

Objective: Conduct LRD business openly and transparently so that the public can be as informed and engaged as they want to be with the governance of the LRD. Also, we engage the public through environmental education opportunities provided to our community within the watershed.

Performance Measure: Annual audit conducted by a qualified CPA firm and published to the LRD website within the required timeframe.

Standard: Green: if the annual comprehensive financial report is completed and posted in a timely manner; Red: if the annual comprehensive financial report is not completed and posted in a timely manner.

Rationale: The LRECD enabling act and the Florida Constitution requires special districts have their financial statements audited annually by an independent certified public accountant (CPA). The audit report must be submitted to the Florida Auditor General and the governing board of the district. These requirements were developed to ensure transparency, accountability, and proper management of public funds. Because audits can only be conducted following the closure of the fiscal year, this metric will be reported annually for the fiscal year preceding the immediately closed fiscal year, i.e., the 2024 annual dashboard will be published on or before December 31, 2024 and will provide an assessment of the FY2023 audit because the FY2024 audit will be in process.

Performance Measure: Provide environmental education to community members to foster a sense of environmental stewardship for the Loxahatchee River's diverse watershed as authorized in the LRD's enabling act.

Standard: Green $\geq 17,000$ people educated; Yellow $< 17,000$ people educated; Red $< 15,000$ people educated

Rationale: The LRECD enabling act empowers LRD to conduct environmental education as necessary and appropriate to minimize damage to the area's resources and environment, to prevent additional environmental problems from being created, and to provide education regarding solutions to existing problems. The stated thresholds are based on expected performance.

Goal 7. Workforce

Objective: Maintain and develop an educated, effective, and safe workforce, because knowledgeable, effective, and safe workers are critical to meet the demands of operating and maintaining our wastewater treatment systems and assets.

Performance Measure: Effective staffing

Standard: Green $< 10\%$ employee turnover; Yellow $\geq 10\%$ employee turnover; Red $\geq 20\%$ employee turnover.

Rationale: Some employee turnover is healthy for any organization, but excessive employee turnover strains existing staff, decreases productivity, exacerbates employee errors, and increases costs (hiring and training costs).

Performance Measure: Total Recordable Injury Rate (TRIR)

Standard: Green ≤ 1.8 ; Yellow > 1.8 ; Red > 3.5

Rationale: We want our workforce to work safely, because avoiding injury is good for our individual team members and our rate payers. The 2023 AWWA Wastewater Utility Benchmarking Report listed 1.8 and 3.5 as the 50th and 75th percentiles, respectively.

PROGRAM: ENVIRONMENTAL ASSESSMENT

ACTIVITY: Assess water quality, critical habitats, and environmental health within the Loxahatchee River watershed.

Goal 8. Accessible Environmental Data

Objective: Contribute to the understanding of the health of the Loxahatchee River through systematic monitoring, assessment, and reporting of relevant environmental parameters within the Loxahatchee River watershed.

Performance Measure: Maintain LRD WildPine Ecological Lab's continued certification of compliance with the NELAC Institute Standards for non-potable water: general chemistry and microbiology

Standard: Green = NELAC certification continued for non-potable water: general chemistry and microbiology; Yellow = NELAC certification continued for non-potable water: general chemistry or microbiology; Red = NELAC certification discontinued for non-potable water: general chemistry and microbiology.

Rationale: The LRD WildPine Ecological Laboratory is certified through the Florida Department of Health as National Environmental Laboratory Accreditation Program (NELAP) compliant in the examination of non-potable water (e.g., surface water, stormwater, groundwater, reclaimed water) for microbiology and general chemistry analyses. The Laboratory certification number is E56026. Maintaining this certification demonstrates the Lab's technical ability to perform water quality analyses.

Performance Measure: Conduct, analyze, and report on environmental sampling (i.e., water quality, seagrass, oyster spat) conducted within the Loxahatchee River watershed. Reports will predominantly be comprehensive data visualizations and interactive reports (e.g., Power BI) published to the LRD website.

Standard: Green: $\geq 95\%$ of all relevant data accessible online through data visualizations and interactive reports; Yellow: $\geq 80\%$ of all relevant data accessible online through data visualizations and interactive reports; Red: $< 80\%$ of all relevant data accessible online through data visualizations and interactive reports.

Rationale: The long-term environmental monitoring conducted by LRD provides key information used by federal (US Army Corps of Engineers, EPA), state (DEP, SFWMD), and local (Palm Beach County, Martin County, Health Departments) agencies when working to understand spatial and temporal trends and current conditions of various environmental factors within the Loxahatchee River watershed. As the LRD collects relevant environmental samples, they are processed, analyzed, reviewed for quality assurance and quality control, and published to our Power BI interactive dashboards, which are all publicly assessable through our public website (i.e., <https://loxahatcheeriver.org/river/>).

Florida Statutes 189.0694 Special districts; performance measures and standards.

- (1) Beginning October 1, 2024, or by the end of the first full fiscal year after its creation, whichever is later; each special district must establish goals and objectives for each program and activity undertaken by the district, as well as performance measures and standards to determine if the district's goals and objectives are being achieved.*
- (2) By December 1 of each year thereafter, each special district must publish an annual report on the district's website describing:*
 - a. The goals and objectives achieved by the district, as well as the performance measures and standards used by the district to make this determination.*
 - b. Any goals or objectives the district failed to achieve.*

History.—s. 7, ch. 2024-136.

By October 1, 2024 LRECD must identify the programs and activities that are undertaken by the District, and for each program and activity we must establish goals and objectives, and for each objective we must establish performance measures and standards.

- I. Program
 - a. Activity
 - i. Goal
 - ii. Objective
 - 1. Performance Measure(s)
 - 2. Standards (benchmarks) – any metric scored green signifies we have positively achieved our objective; any metric scored yellow indicates we have minimally achieved our objective; any metric scored red signifies we have failed to meet our objective

LRECD Legislative Intent: It is hereby declared to be the intent of the Legislature that the best interests of public health, safety, and welfare of the area within the boundaries of the Loxahatchee River Environmental Control District necessitates the formation of a separate local agency of government with powers designed to meet the particular needs of said area. It is further the intent of the Legislature that such needs be met in such a way as to cause minimum damage to the area's resources and environment and prevent additional environmental problems from being created, as well as providing solutions to existing problems.



Loxahatchee River District

Neighborhood Sewering Schedule - Revised March 2025												
Rank #	Area Description	# Lots	Activity	Original Target Date	Revised Target Start Date	Heads Up Notice	Sewer Options	Notice Of Intent	Preliminary Assessment	Notice To Connect	Final Assessment	Boundry Interlocal / Legislative
11	Jupiter Farms (East)	708		TBD	TBD							Legislative
11	PB Country Estates	1547		TBD	TBD							Legislative
21	SE Indian Hills Drive	12	In Construction		Oct. 2024	Jan. 2016	Mar. 2024	Jun. 2024				Legislative
Remnant Area												
Rank #	Area Description	# Lots	Activity	Original Target Date	Revised Target Start Date	Heads Up Notice	Sewer Options	Notice Of Intent	Preliminary Assessment	Notice To Connect	Final Assessment	Boundry Interlocal / Legislative
	605+607 Military Trl (LPPS)	2		2022		Jun. 2020		Jan. 2021				Legislative
	18030 69 th Terrace	1						Jul. 2025	Oct. 2025	Aug. 2025	Nov. 2025	Legislative
	17213 Bush Road	1	Statutory Way Provision – March 2025 (1 lot)					Apr. 2025				Legislative
	19999 SE County Line Road	1										Legislative
Private Road Areas												
Rank #	Area Description	# Lots	Activity	Original Target Date	Revised Target Start Date	Heads Up Notice	Sewer Options	Notice Of Intent	Preliminary Assessment	Notice To Connect	Final Assessment	Boundry Interlocal / Legislative
AA	Peninsular Road	3	Partial construction complete - June 2013 Soliciting easements for remainder of project	2010	AEO			Feb. 2010				Legislative
BB	Rivers Edge Road (Martin Co.)	35	Private Road-Easements Solicited - May 2014 Project Delayed	2013	AEO	Aug. 2010		Feb. 2014				Legislative
CC	171 st Street (Martin Co.)	7	Private Road - In House Design Easement rec'd from Church – April 2017 Grant received	2014	AEO	Oct. 2012						Legislative
D	Loggerhead Park (institutional)	6 EC's	Need Easements from County - No database	2014	AEO							Legislative
DD	Taylor Road	38		2015	AEO	Sept. 2011						Legislative
FF	North A1A	3	Postponed-Town activities in area - No database	2012	AEO							Legislative
GG	815 S US 1	9 EC's		2016	AEO	Nov. 2014						Legislative
GG	Rockinghorse (north of Roebuck Road)	11		2018	AEO	Jan. 2013						Legislative
GG	SE Castle Rd	5		2018	AEO	Jan. 2013						Legislative
GG	SE Jupiter Rd	4		2018	AEO	Jan. 2013						Legislative
HH	Harbor Rd. S	6		2017	AEO							Legislative
16	Limestone Creek Road West	49		2018	TBD	Jan. 2013						Legislative
	182 nd Road North	12	Sewering Pricing Request by 50% of Owners Conceptual Design/Cost Est. - provided June 2023									Legislative

CURTIS L. SHENKMAN
Board Certified
Real Estate Attorney
HUNTER SHENKMAN
Attorney

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Curtis@PalmBeachLawyer.Law

LEGAL ASSISTANTS
REAL ESTATE
BONNIE HARRIS
CAROLINA INMAN
DENISE B. PAOLUCCI

November 13, 2025

Loxahatchee River Environmental Control District
D. Albrey Arrington, Exec. Dir. and Board Members (sent by email to S. Patel)
2500 Jupiter Park Drive
Jupiter, FL 33458

RE: PENDING LITIGATION STATUS REPORT

Dear Dr. Arrington and Board Members:

We are enclosing herewith a brief status report relating to the litigation in which the Loxahatchee River Environmental Control District is involved with our law firm as the attorney of record, and/or monitoring the attorney of record. This status report updates the last monthly status report previously submitted and consists of a summary of the record proceedings which have occurred in each of the pending cases since last month. The amount in controversy for materiality is \$40,000.00 or more.

NO CHANGE IN STATUS: ONE (1) matter of potential pending litigation is reported under "Other Litigation".

There is no analysis of the pending cases included, as the inclusion of such items might constitute a waiver of any attorney/client privilege that exists between our firm and the District. Therefore, if you would like to discuss the particulars of any specific case in more detail or would like to obtain more information concerning the strategy, status, or settlement posture of any of the individual cases, please feel free to contact me.

As always, we are available at any time to discuss any of these lawsuits with each individual Board Member by telephone or by conference, if there are any questions.

Respectfully submitted,

CURTIS L. SHENKMAN

CURTIS L. SHENKMAN

Attachment

OTHER LITIGATION

LRD- manhole & gravity main line re-routing by Coastal Property Concepts (“Coastal”) real estate developer of new home constructed at 844 Oceanside Drive, Juno Beach, FL 33480.

Current Status. Legal Counsel, Engineering and Executive Staff met on November 6, 2024, to evaluate strategies to proceed with District enforcement of the violation with the goal of the District Asset being protected, safe and secure and the District being made whole in the process. Engineering and legal work are being conducted in the meantime with a target goal of when LRD engineering completes the conceptual engineering design for the next conference meeting to make sure proper preparations are in place for effective communications for resolving the dispute.

History:

Oct 12, 2022, LRD Attorney Legal Opinion existing Manhole & gravity main line installed by developer in 2005 serving the Oceanside project development permits a reasonably sized home to be designed and constructed in accordance with the District’s Construction Standards.

Balance of 2022 and most of 2023: LRD Engineering Department and Developers Engineer communicate as to two (2) quotes the Developer’s Engineer received to install a new manhole and sewer line to bypass and abandon in place the existing manhole and existing line, in order that Developer’s planned construction meets the District’s construction Standards. LRD Engineering led to believe Developer was having this done as part of the construction.

October 2023. LRD Engineering discovers the Developer has progressed with the foundation and start of construction of the home WITHOUT installing the new manhole and sewer line.

Oct 26, 2023, LRD Attorney advising attorney for Coastal the home under construction is being built in violation of the District’s Construction Standards, must be addressed by home improvements relocated/reconstructed or new manhole and gravity main line so as not to be in violation of the District’s Construction Standards.

Oct 2023 Juno Beach Zoning Director advising LRD Engineering Juno Beach will withhold issuing the certificate of occupancy (“CO”) until LRD and Developer resolve the manhole violation.

Oct 2023-Jan 2024 LRD Attorney & Coastal Attorney in communications for resolution.

Jan 31, 2024, Coastal letter to Town of Juno Beach requesting extension of Building Permit #21-9596 seeking extension of Permit expiring blaming delay on manhole alleged not located properly by the District and requesting February 28, 2024, Town Council meeting to address the extension.

Feb 1, 2024, LRD Deputy Director official letter providing response to Town of Juno Beach addressing the manhole and gravity main line facts and circumstances.

Feb 28, 2024, Town of Juno Beach granted extension of Building Permit to June 1, 2024.

March 13, 2024, LRD Attorney communication to Attorney for Coastal of the representation made to Town of Juno Beach to get the extension by Coastal that Coastal is working with LRD to resolve the manhole issue.

March 27, 2024, Coastal Attorney confirmation in contact with Clark Cryer Engineer regarding preparing plans for new manholes to replace manhole in violation of District standards.

April 2024 Coastal Attorney email reporting Clark Cryer Engineer not communicating.

June 1, 2024, Building Permit expired with the Town of Juno Beach and not extended.

June 7, 2024, LRD response to Estoppel letter request sending copy of the Feb 1, 2024, Deputy Director letter to the Town of Juno Beach addressing the manhole and gravity main line facts and circumstances.

July 2, 2024 LRD cooperates with Owner's request for Encroachments of Pool and Gas Line for Pool Heater into the Utility Easement, and reiterating the VIOLATION of the home built on top of the Manhole and Sewer transmission lines must be CURED in order for District to approve as condition prior to Town of Juno Beach issuing a Certificate of Occupancy for the home.

August 5, 2024, No Change in status. Owner's Building Permit expired.

August 8, 2024: LRD Attorney comprehensive Legal Demand letter to the Town of Juno Beach Attorney Len Rubin to set forth the legal justifications the Town of Juno Beach is entitled to not issue the final Certificate of Occupancy due to the health, safety and welfare violations of the 844 Owner in building new home improvements on top of existing manhole and gravity main serving multiple properties.

September 13, 2024. The Town of Juno Beach Attorney email to District's attorney regarding the Town recognizes the District's assertion that the developer failed to adhere to the District's construction standards. However, the Town did not have an independent basis to not issue the Certificate of Occupancy and the Town did want to be exposed to liability from the developer for not issuing the Certificate of Occupancy when Town's position is its Building Inspector inspected the home and determined the home was connected to the sewer system and met all the building code provisions. Town's position is the District has other alternatives to enforce the violation of its construction standards.

Sept 18, 2024. Coastal Deeds property to Joseph Paul and Kathleen Paul for \$4,675,000.00. Coastal took no action to correct the violation and Joseph and Kathleen Paul are the current owners of the Property that is in violation of the District's construction standards.

LIEN FORECLOSURES

NONE

MORTGAGE OR LIEN FORECLOSURES / LRD COUNTERCLAIMS/CROSSCLAIMS

NONE



Director's Report

- | | |
|-------------------------------|------------|
| ➤ Admin. & Fiscal Report | attach. #1 |
| ➤ Capital Program Report | attach. #2 |
| ➤ Engineering Report | attach. #3 |
| ➤ Operations Report | attach. #4 |
| ➤ Information Services Report | attach. #5 |
| ➤ Environmental Education | attach. #6 |
| ➤ Safety Report | attach. #7 |
| ➤ Other Matters (as needed) | attach. #8 |





LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

To: Governing Board
From: Kara Fraraccio, Director of Finance and Administration
Date: November 14, 2025
Subject: Monthly Financial Report

Cash and Investments Balance

Balance as of October 31, 2025

Institution	Rate	Monthly Change in Investment	Market Value
U.S. Treasuries:			
U.S. Treasuries - Due 11/15/25	4.50%	\$ (2,207)	\$ 5,649,779
Subtotal		\$ (2,207)	\$ 5,649,779
Investment Accounts:			
Florida Prime - SBA	4.29%	\$ 44,475	\$ 11,863,234
Florida FIT - Preferred Deposit Pool	4.01%	27,784	8,200,238
Florida FIT - Cash Pool	4.42%	18,254	4,718,314
Bank United - Public Funds Reserve	3.39%	7,008	2,284,690
Subtotal		\$ 97,521	\$ 27,066,476
Cash Account:			
Truist-Hybrid Business Account	2.70%	\$ 9,824	\$ 4,487,574
Schwab Sweep Account	0.05%		5,000
Subtotal		\$ 9,824	\$ 4,492,574
Total		\$ 105,138	\$ 37,208,829

Investment Policy Compliance

Performance Measurements

Average weighted rate of return on investments is: 4.03%. As of 10/31/25, 3-month U.S. Treasuries were 3.73% and the 1-month Federal Fund Rate was 3.86%. The District's return exceeds these benchmarks primarily due to the arbitrage within the Florida FIT Cash Pool, where funds are invested in certificates of deposit that were secured prior to recent rate decreases and by securing a U.S. Treasury bond prior to the rate decrease.

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

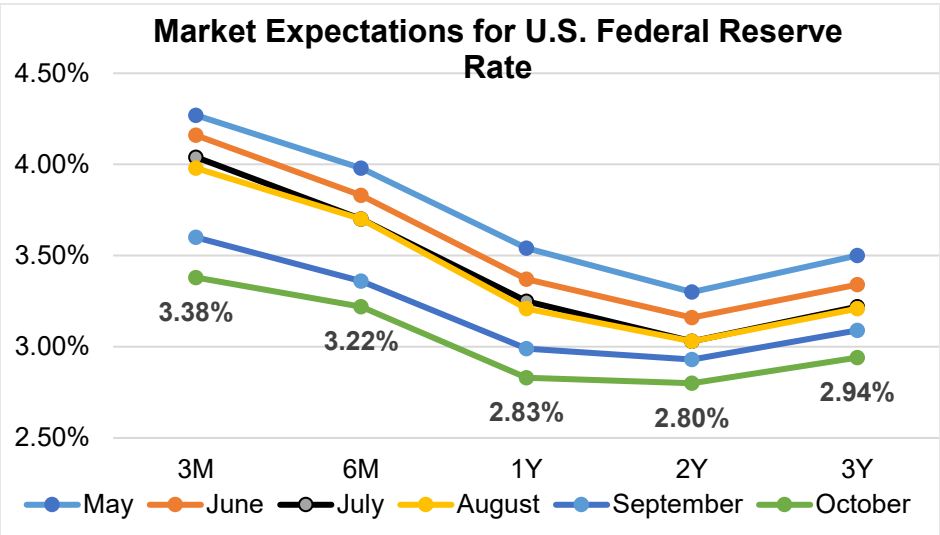
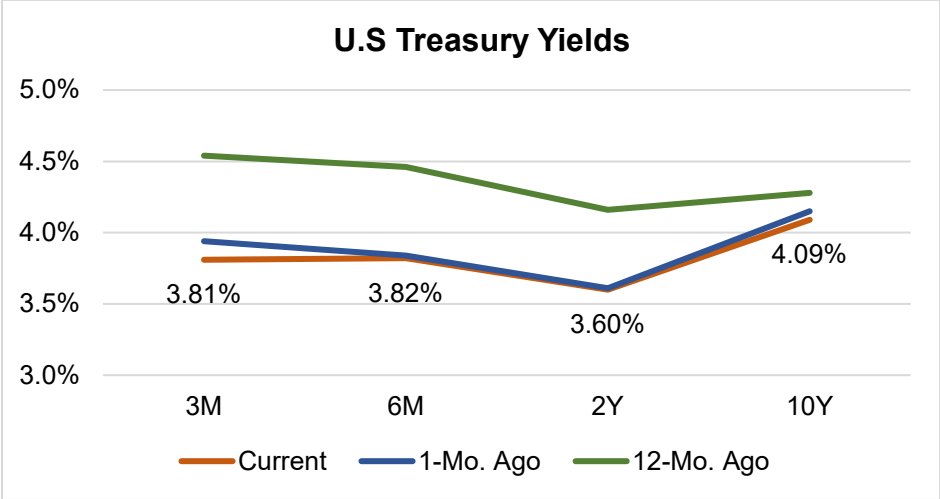
Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

The Federal Reserve cut interest rates by 25 basis points in September and again in October bringing the target range to 3.75% to 4.00%. Currently, Local Government Surplus Funds, such as Florida PRIME and Florida FIT, are offering highly competitive yields between 4.01% and 4.42%, while also providing daily liquidity.

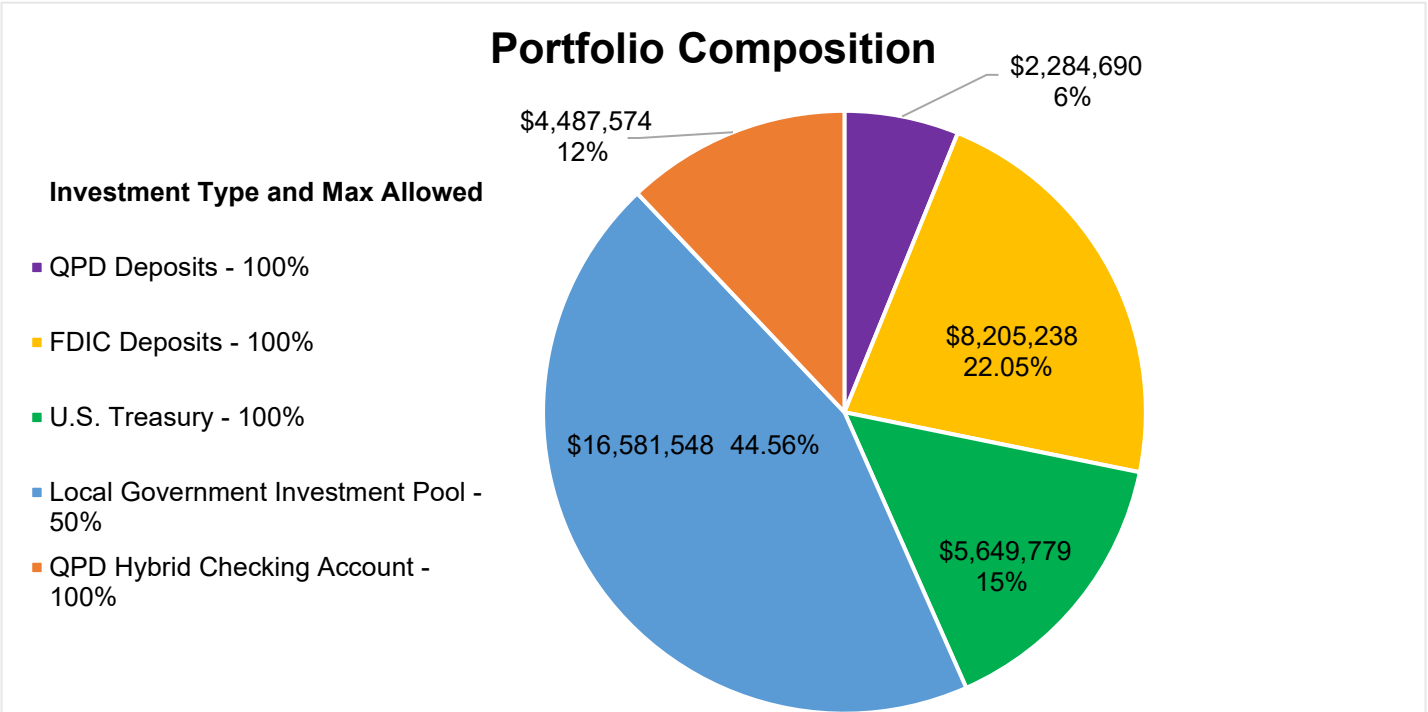
In this environment, Local Government Surplus Funds represent a strategic opportunity to maximize interest earnings while preserving flexibility and safety. We will continue to closely monitor Federal Reserve decisions, interest rate trends, and market conditions to ensure our investment strategy remains aligned with both market realities and our financial objectives.

**Data as of October 31, 2025.*



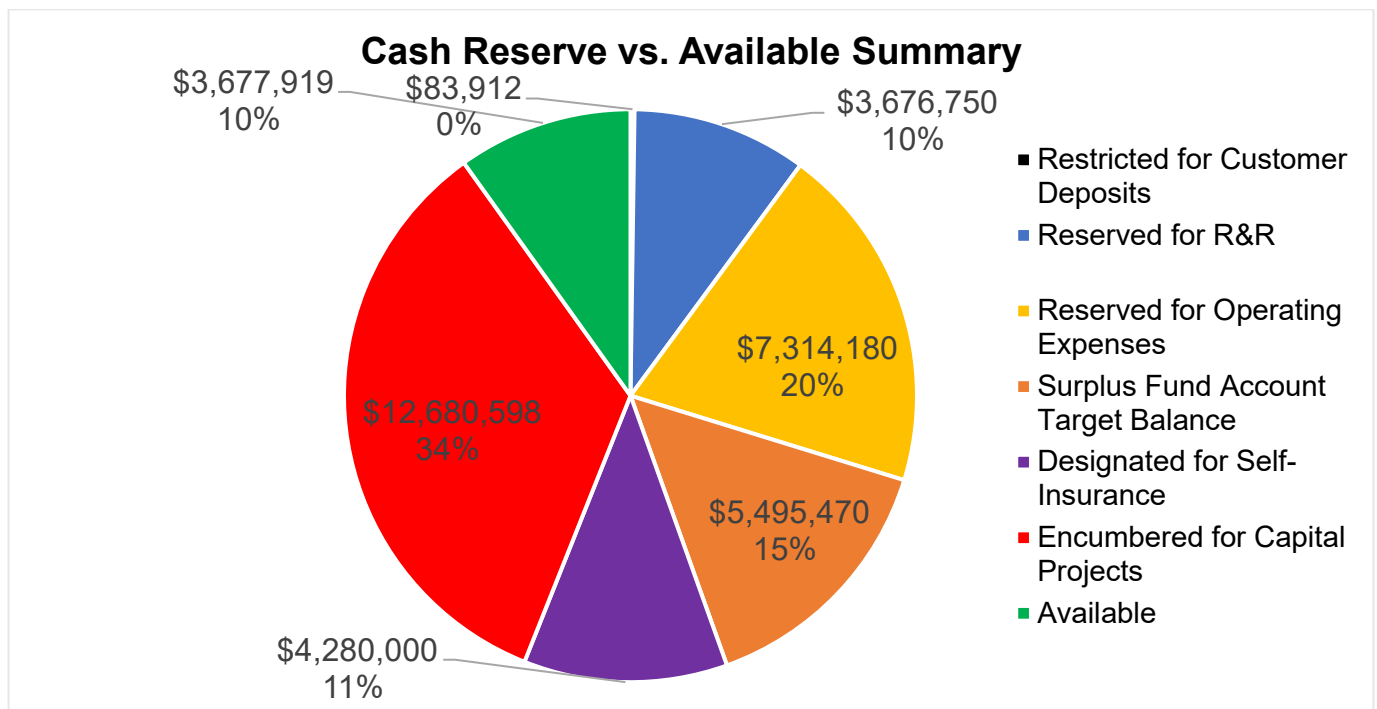
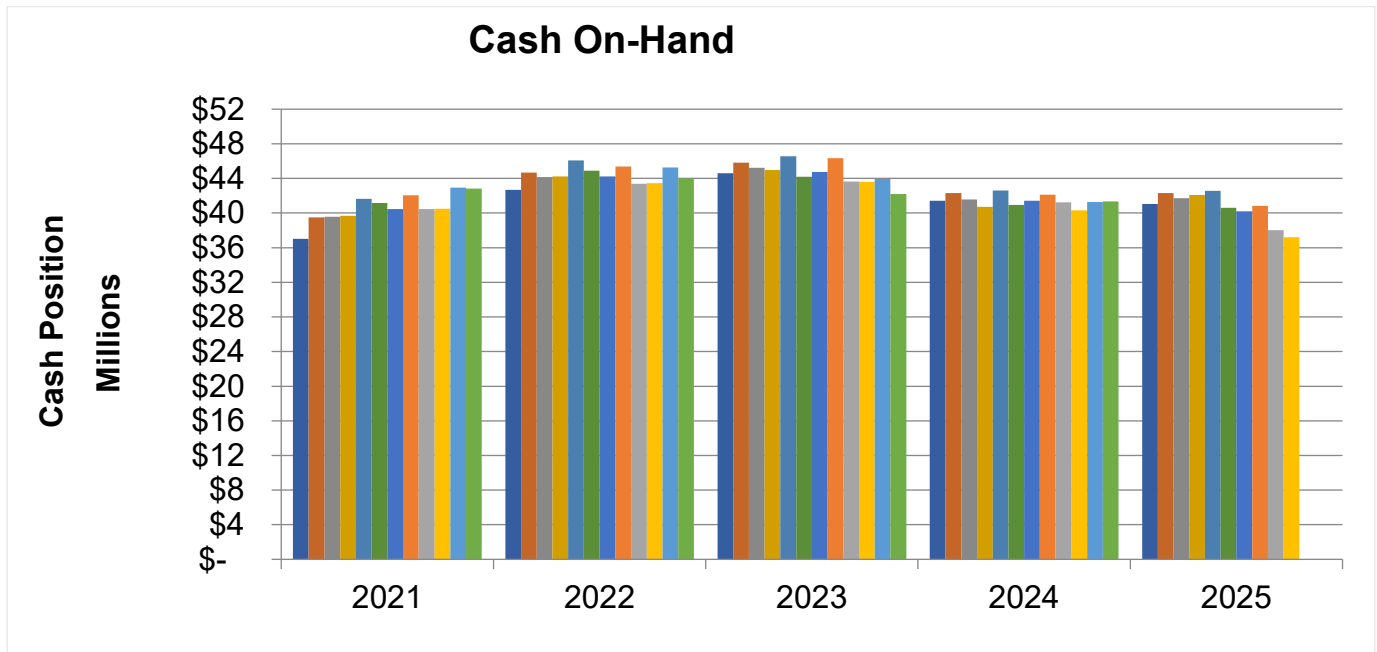
Portfolio Composition

The percentage allocation for investment types is presented below. The percentage allocation requirement for investment types is calculated based on the market value at the time of purchase. All investments percentages are in compliance with the District’s Investment Policy.



Cash Position

Cash position for October 2024 was \$40,298,745. Current Cash position is down by \$3,089,916.



Financial Information

- Legal fees billed in October totaled \$14,410. The fiscal year-to-date total is \$14,410.
- Estoppel fees collected in October totaled \$7,140. The fiscal year-to-date total is \$7,140.
- There was no septage billing in October.
- Developer's Agreement – There were no new Developer Agreements in October.
- I.Q. Water Agreements –San Palermo is past due for September and October and Cambridge is past due for October.

Summary of Budget vs. Actual

<i>Budget Benchmark</i> 8.33%	Oct-25 Actual	YTD Actual	FY 26 Budget	Favorable (Unfavorable)	Budget Expended	Oct-24 YTD
Revenues						
Operating Revenues						
Regional Sewer Service	\$ 1,617,337	\$ 1,617,337	\$19,668,000	\$ (18,050,663)	8.22%	\$1,557,742
Standby Sewer Service	9,727	9,727	113,000	(103,273)	8.61%	10,191
IQ Water Charges	212,885	212,885	2,506,000	(2,293,115)	8.50%	203,470
Admin. and Engineering Fees	367	367	51,000	(50,633)	0.72%	3,171
Other Revenue	62,928	62,928	463,766	(400,838)	13.57%	61,190
Subtotal Operating Revenues	1,903,244	1,903,244	22,801,766	(20,898,522)	8.35%	1,835,764
Capital Revenues						
Assessments	\$ 3,304	\$ 3,304	887,000	(883,696)	0.37%	2,812
Line Charges	2,536	2,536	250,000	(247,464)	1.01%	22,765
Plant Charges	3,906	3,906	467,000	(463,094)	0.84%	66,342
Capital Contributions			-	-	100.00%	
Subtotal Capital Revenues	9,746	9,746	1,604,000	(1,594,254)	0.61%	91,919
Other Revenues						
Grants			42,360	(42,360)	0.00%	
Interest Income	105,148	105,148	2,003,700	(1,898,552)	5.25%	(21,234)
Subtotal Other Revenues	105,148	105,148	2,046,060	(1,940,912)	5.14%	(21,234)
Total Revenues	\$ 2,018,138	\$ 2,018,138	\$ 26,451,826	\$ (24,433,688)	7.63%	\$ 1,906,449
Expenses						
Salaries and Wages	\$ 582,685	\$ 582,685	\$8,798,100	\$ 8,215,415	6.62%	\$325,900
Payroll Taxes	41,863	41,863	620,600	578,737	6.75%	23,388
Retirement Contributions	83,361	83,361	1,297,600	1,214,239	6.42%	48,414
Employee Health Insurance	144,578	144,578	1,972,200	1,827,622	7.33%	126,884
Workers Compensation Insurance	55,774	55,774	66,500	10,726	83.87%	56,145
General Insurance	450,437	450,437	491,910	41,473	91.57%	435,452
Supplies and Expenses	273,123	273,123	1,243,844	970,721	21.96%	154,518
Utilities	109,740	109,740	1,882,940	1,773,200	5.83%	129,261
Chemicals	12,049	12,049	274,000	261,951	4.40%	48,193
Repairs and Maintenance	484,028	484,028	2,794,694	2,310,666	17.32%	334,927
Outside Services	198,242	198,242	2,496,805	2,298,563	7.94%	38,623
Contingency			225,000	225,000	0.00%	
Subtotal Operating Expenses	2,435,880	2,435,880	22,164,193	19,728,313	10.99%	1,721,705
Capital						
Capital Improvements	\$ 286,525	\$ 286,525	15,642,000	15,355,475	1.83%	217,828
Subtotal Capital	286,525	286,525	15,642,000	15,355,475	1.83%	217,828
Total Expenses	\$ 2,722,405	\$ 2,722,405	\$ 37,806,193	\$ 35,083,788	7.20%	\$ 1,939,533
Excess Revenues						
Over (Under) Expenses	\$ (704,267)	\$ (704,267)	\$ (11,354,367)	\$ 10,650,100		\$ (33,084)

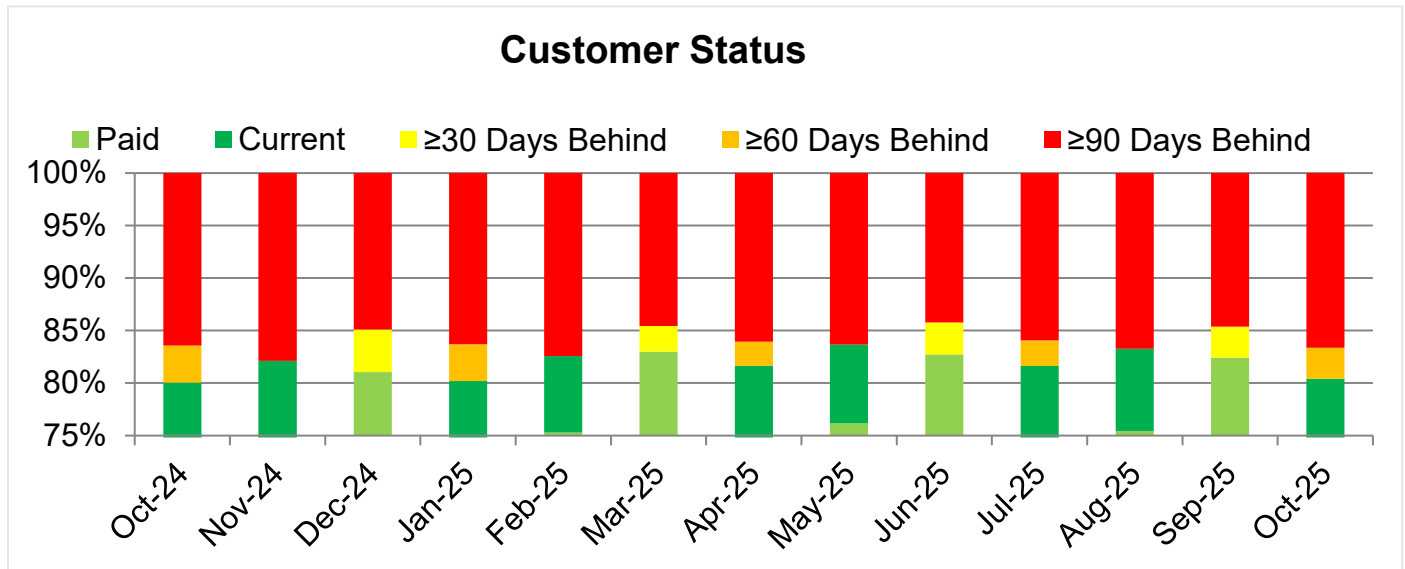
Total Capital expenses incurred and encumbered totalled \$12,402,449 or 79.29% of the current year's capital budget. This figure reflects the practice of encumbering the full cost of a project at the time it is approved and under contract, even if the work extends over multiple years. Some encumbrances are carried forward from previous years, while others pertain to future expenditures. Over time, this total remains relatively stable as completed projects are closed out and new ones are initiated.

Capital Reallocations

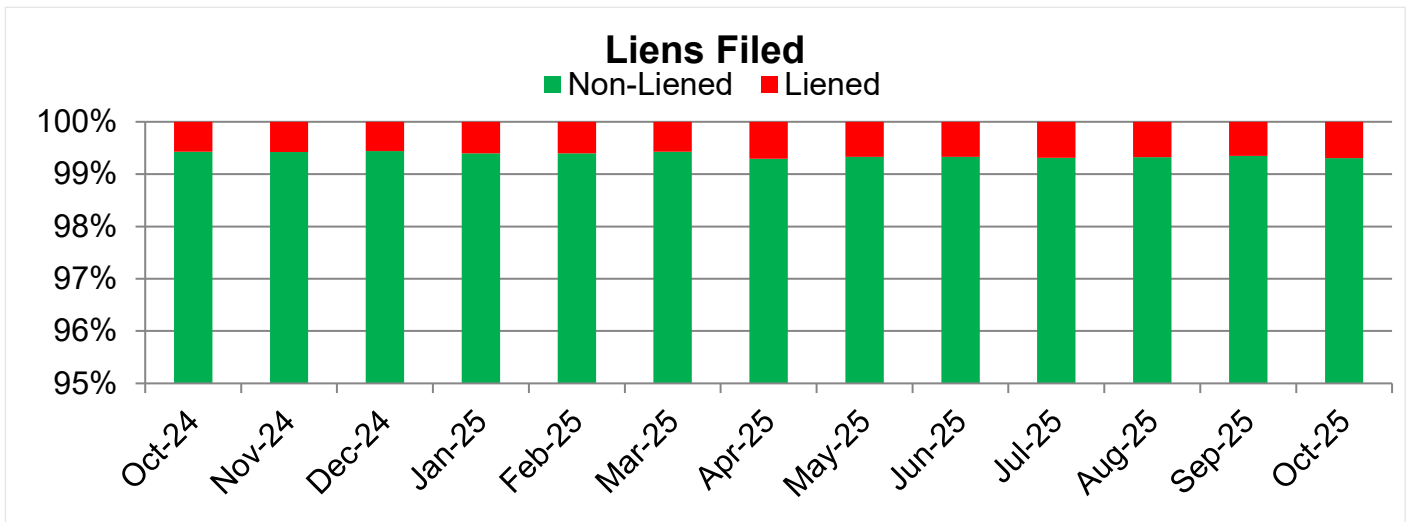
In accordance with the District's Budget Reallocation provision, funds have been reallocated within the Fiscal Year 2026 Budget to include Project N26001 – 17213 Busch Road Gravity Sewer System. This project is funded under the FY27-FY29 Neighborhood Sewering category in the Rate Study, for a total project value of \$66,401. This reallocation is made to support timely execution of priority capital improvements while remaining within the approved Capital Improvement Plan and overall capital appropriation.

Accounts Receivable

The District's fourth quarter billing was \$4,852,580, of this amount \$3,901,814 represents customer balances that are either paid or current. The chart below illustrates customers' receivable status as a percentage of quarterly sewer billing. Paid or current balances represent approximately 80.0% of billing.



The District serves approximately 33,541 customers. Currently, the District has 233 liens filed which represent less than 1.0% of our customers.



Pending/Threatened Litigation

- No pending or threatened litigation.

Awards and Recognition

I am proud to report that our FY2024 annual comprehensive financial report was awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association (GFOA)! This is the seventh consecutive year that the District has received this prestigious award. This award requires governments to go beyond the minimum requirements of generally accepted accounting principles and prepare a comprehensive annual financial report that evidences the spirit of transparency and full disclosure. This award is the highest form of recognition in governmental accounting and financial reporting.



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

**Loxahatchee River Environmental Control District
Florida**

For its Annual Comprehensive
Financial Report
For the Fiscal Year Ended

September 30, 2024

Christopher P. Morill

Executive Director/CEO



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

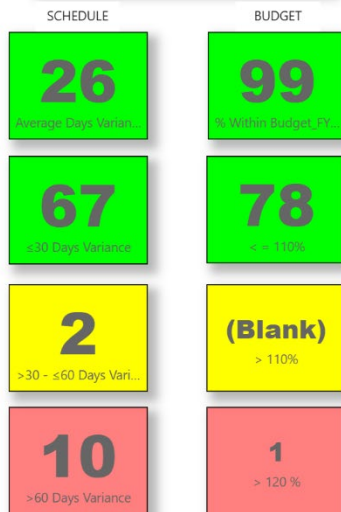
loxahatcheeriver.org

MEMORANDUM

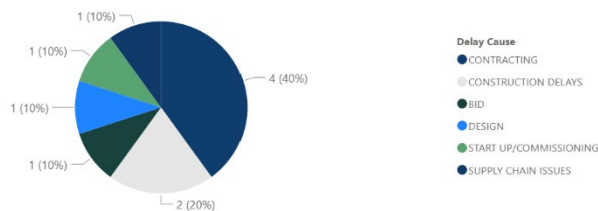
TO: D. Albrey Arrington, Ph.D., Executive Director
FROM: Kris Dean, P.E., Deputy Executive Director
DATE: November 13, 2025
SUBJECT: Capital Program Report

CAPITAL PROJECTS

79
Total Projects



> 60 Days Variance (RED) by Delay Cause



Total Projects: The total number of projects active in the capital program. This total number includes all projects regardless of dollar value.

Schedule: Overall program schedule performance is reported as Average Days Variance. The Dashboard also includes the number of projects performing ≤ 30 days, 31 ≤ 60 days and > 60. Positive variance is considered Late, negative variance is considered early.

Budget: Overall program budget performance is reports as the % of projects within budget. The Dashboard also includes the number of projects performing ≤ 110%, > 110% and > 120%.

Delay Cause: The general cause of delays for projects > 60 days behind schedule.

Blank: Denotes zero (0) projects reporting under that category.

Comments: Variance by Delay Cause has been expanded to look in more detail at Design/Permit/Bid process.

Gordon M. Boggie
BOARD MEMBER

Kevin L. Baker
BOARD MEMBER

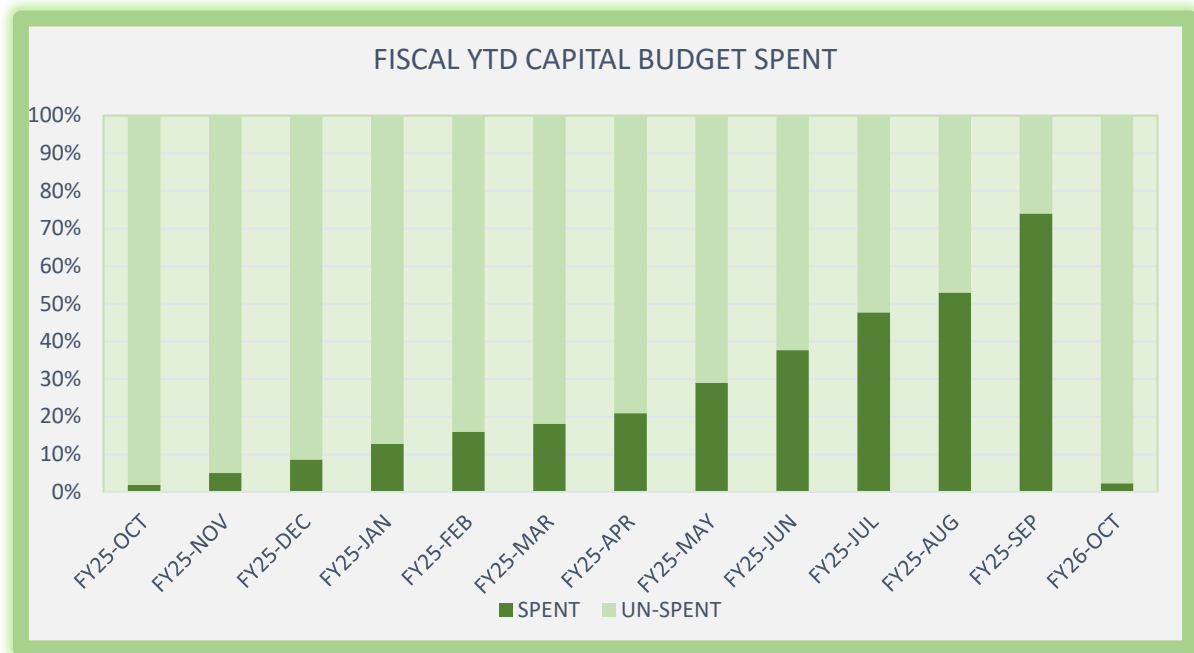
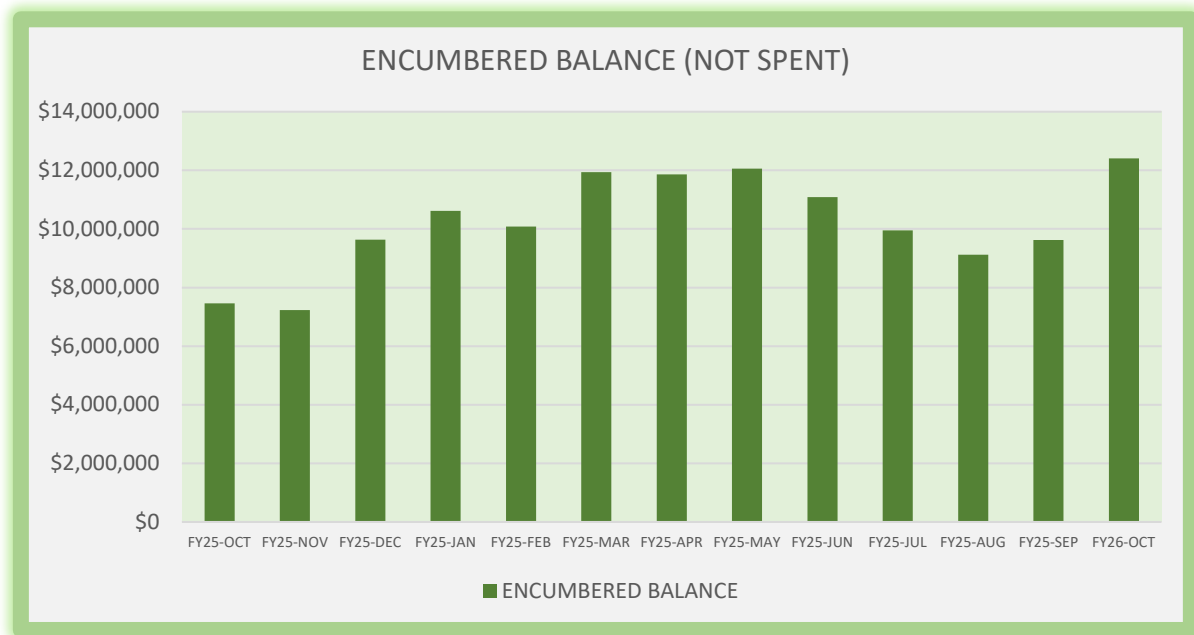
Dr. Matt H. Rostock
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Capital Budget: Overall capital program budget performance is reported as:

Encumbered Balance: The dollar amount encumbered under open purchase orders within the current fiscal year less the amount spent during the current fiscal year.

Capital Budget Spent: The percentage of the current fiscal year capital budget spent during the current fiscal year.



Please note capital spending for FY25 has been updated. Final spending was \$8,883,851 or 69% for FY25's \$12,917,642 budget.

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
Baxter & Woodman	Anaerobic Selector Zone Pilot Testing and Process Blower Improvements	BP	66	0	7/9/2026	1/20/26 - Pilot Test Begin. 5/18/26 - Pilot Test Complete. 5/19/26 - Draft TM Review. 6/18/26 - Final TM Submittal.
Baxter & Woodman	Headworks Rehabilitation	AR	41	0	4/20/2027	11/6/25 - Pre-Construction Meeting .
Baxter & Woodman	IQ518 Electrical and IC Upgrades	SP	70	28	3/17/2026	11/10/25 - 100% Submittal Review Meeting. 11/30/25 - Bid Document Submittal.
Baxter & Woodman	Lift Station Control Panel Replacement and Telemetry	RT	0	0	1/12/2028	5/29/25 - Project placed on hold by LRECD until 2026.
Baxter & Woodman	Vacuum Truck Dump Facility	JH	54	0	8/17/2026	Award Contract. Issue conformed documents.
Carollo	Wastewater Utility Risk and Resilience Assessment	AG	100	0	10/16/2025	COMPLETE .
HCE	Country Club Drive Cascading System	MP	0	0		District to review DRAFT Technical Memorandum and formulate path to final plan for Country Club Drive Cascading System.
HCE	Lift Station 018 Point Repairs	CM	0	0		Planning .
HCE	Lift Station 041 Point Repairs	CM	0	0		Planning .
HCE	Lift Station 050 Emergency Generator	CM	73	28	4/9/2026	**COMPLETED:** Mobilized <<<<=====>>>> **UPCOMING:** 10" tapping sleeve to be delivered November 17th. Contractor expects to remobilize beginning of December.
HCE	Lift Station 050 Point Repairs	CM	0	0		Planning .
HCE	Lift Station 053 VFD Conversion - PDR	CM	0	0		Planning .
HCE	Lift Station 054 Point Repairs	CM	0	0		Planning .
HCE	Lift Station 082 Conversion	MP	90	195	2/4/2026	**COMPLETED:** Stilling well installed and floats placed<<<<=====>>>> **UPCOMING:** Pay App 7, new schedule and time extension, DFS Resolution, Final O&Ms and as-builts.

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
HCE	Lift Station Cellular Telemetry	PV	87	46	1/18/2026	**COMPLETED:** <<<<=====>>>> **UPCOMING:** Training. More punchlist items. Final punchlist walkthrough. Approval of CO 12 (still waiting on final walkthrough schedule).
HCE	MLS Odor Control Improvements	CM	100	0	4/4/2026	**COMPLETED** Final submittal provided on August 7, 2025<<<=====>>>> **UPCOMING** Project complete .
KCI	20 Acre Site Remediation	TM	95	25	2/6/2026	PBC Landscape reviewer requested 2 live oaks be relocated. Plans revised but resubmittal blocked. PBC unresponsive. SFWMD state they will provide approval by 11/18/25 .
Kimley-Horn	AC Force Main Replacement - A1A	SS	77	0	8/10/2026	Contract scheduling.
Kimley-Horn	County Line Road Utility Relocations	SS	52	0	6/7/2026	Material delivery .
Mock-Roos	Loxahatchee River Subaqueous Force Main Replacement	JC	83	0	1/28/2026	FDEP/FDOH Certification, force main tie-ins and roadway restoration.

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	(2) Ground Penetrating Radars - Replacement Units	CJ	9	0	8/31/2026	Working through procurement process .
LRD	17213 Bush Road Gravity Sewer System	CJ	54	56	7/29/2026	Shop drawing submittals in progress; Awaiting TOJ approval of MOT .
LRD	2500 Jupiter Park Drive Site Improvements - Design/Bid	KD	4	1	11/25/2027	Program verification is underway and scheduled for completion January 2026.
LRD	Administration and Operations Fire System	JP	21	29	10/29/2026	Need to requote project to ensure contractors include identical number of devices.
LRD	Administration Building Improvements	KD	0	0		Planning.
LRD	Aeration Basin Influent Gate Operator	JP	96	149	11/28/2025	Vendor to reship defective parts on 11/10/25. Anticipate delivery by 11/17/25 and installation by 11/28/25.
LRD	Blower Building Intake Louver Replacement	JP	0	0		Project placed on HOLD .
LRD	Clarifier 4 Rehabilitation	JP	82	0	2/2/2026	Painting complete. Ovivo to be onsite 11/17/25 to complete mechanical restoration work.
LRD	Disaster Recovery Site Setup	JC	15	412	1/22/2026	Have a complete cost breakdown and analysis; to be reviewed by directors .
LRD	Door Access Card Reader Replacements	JC	18	30	6/1/2026	Ordered compatible cards from vendor after testing samples cards .
LRD	Engineering Services Offices	CJ	66	225	11/7/2026	Fiber/electrical work construction in progress .
LRD	Fleet - Unit 30 Replacement (COL)	JP	8	0	12/31/2026	Quote request in process .
LRD	Fleet - Unit 32 Replacement (EDU)	JP	11	0	8/31/2026	Quote request in process .
LRD	Fleet - Unit 33 Replacement (COL)	JP	2	0	2/8/2027	In process of spec'ing out truck for quoting purposes.
LRD	FY25 WWTP Process Valve Replacement - Injection Well Wellhead 24" Isolation Valve	JP	24	0	4/30/2026	Quote request in process.
LRD	FY26 WWTP Electrical System Upgrades - Design	JP	9	0	11/4/2026	Project scoping in process .

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	Headworks Composite Auto Sampler	JP	38	0	12/31/2025	PO Issued10/3/2025. Delivery pending.
LRD	IQ System Flow Control Improvements	CJ	19	0	9/25/2026	New FCVs on order. In-house construction will order necessary piping material and install upon receipt of parts .
LRD	IQ502 Electrical Service - Admiral's Cove	CJ	62	-61	3/1/2026	Shop drawing submittals in progress.
LRD	IQ511 - Pump Rebuilds	JN	0	0	8/5/2026	Evaluating pump performance and selecting pumps for rebuild. Selection scheduled for January '26 followed by procurement.
LRD	IQ511 Electrical and I&C Upgrades	KD	0	0		Planning .
LRD	IQ511 Flow Element Replacement	JN	17	1	5/5/2026	Verifying/Updating Quote to submit for purchase from Vendor .
LRD	IQ512 Pump Rebuilds	JN	0	0	6/5/2026	Evaluating pump performance and selecting pumps for rebuild. Selection scheduled for December '25 followed by procurement.
LRD	IQ518 Pump Rebuilds	JN	1	0	2/21/2026	Requisition sent for approval 11/7/2025.
LRD	IT Offices	JC	0	0		Project Planning in process. Created layout for Juv to update a CAD drawing for structure, electrical and network 11/7/2025. Will submit to Kris/Courtney to review once received.
LRD	Jupiter Park Drive and Central Blvd Intersection Improvements	KD	0	0		Schedule is pending update from TOJ. Staff present ILA Amendment to the Board at October meeting.
LRD	Lab Data Sondes	BH	14	0	6/2/2026	Coordinating quotes .
LRD	Lift Station 011 Collection System - Laterals	CJ	10	0	9/25/2026	Project is currently out for bid.
LRD	Lift Station 012 Collection System - Laterals	CJ	10	0	9/25/2026	Project is currently out for bid.
LRD	Lift Station 014 Collection System - Laterals	CJ	10	0	9/25/2026	Project is currently out for bid.

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	Lift Station 027 Collection System - Laterals	CJ	10	0	9/25/2026	Project is currently out for bid .
LRD	Lift Station 028 Rehabilitation	CJ	37	69	7/29/2026	Shop drawing submittals in progress.
LRD	Lift Station 029 Rehabilitation	CJ	37	69	7/29/2026	Shop drawing submittals in progress.
LRD	Lift Station 039 Rehabilitation and Force Main Replacement	CJ	39	0	10/3/2026	Construction on the lift station improvements underway; FDEP issued ERP permit but USACE permit now required for force main improvements .
LRD	Lift Station 058 Collection System Rehabilitation - Manholes	CJ	36	0	5/8/2026	Shop drawing submittals in progress.
LRD	Lift Station 092 Rehabilitation	CJ	10	0	9/4/2026	Project in design.
LRD	Lift Station 163 Electric Service Improvements	CJ	38	0	6/2/2026	Pre-construction meeting scheduled for 11/10/25 .
LRD	Lift Station 169 Rehabilitation	CJ	43	73	7/26/2026	Pre-construction meeting scheduled for 11/10/25 .
LRD	Lift Station 177 Power and Control Panel	CJ	81	-19	4/29/2026	Project under construction .
LRD	Lift Station 190 Collection System - Laterals	CJ	10	0	9/25/2026	Project is currently out for bid.
LRD	LP1260 Rehabilitation	CJ	78	3	1/11/2026	Project under construction .
LRD	LS066-FM03 - Intracoastal-Subaqueous Crossing to Jupiter Island - Inspection (TM)	KD	0	0		Planning .
LRD	MLS 30" Force Main - Inspection (TM)	KD	0	0		Planning .
LRD	MLS Pump Rebuilds and VFD Replacements	JN	1	0	9/25/2026	Submitted P1 Rebuild-waiting on parts; Obtaining quotes for Bypass Pump VFD and P1 VFD .
LRD	Nutrient Analyzer	BH	38	0	7/11/2026	PO issued .
LRD	Old Dixie Hwy Force Main - Teq Dr to Riverside Dr - Inspection (TM)	KD	0	0		Planning .

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	Plant Lift Station 001 Control Panel Replacement	JP	100	0	7/18/2025	Project bidding and procurment COMPLETE. Waiting on HGI to submit project schedule. Upon receipt, need to create new contracting schedule.
LRD	Portable ISCO Sampler	BH	15	0	6/2/2026	Coordinating quotes .
LRD	San Palermo IQ Point of Connection	CJ	59	212	5/15/2026	Shop drawing submittals in progress.
LRD	Science Center at JILONA	KD	0	0	9/30/2026	Project ON HOLD pending coordination with BLM .
LRD	Security Camera Replacement	JC	17	0	8/11/2026	Manufacturer rep will be on-site 11/13/25 to do a walkthrough and the provide feedback of plan .
LRD	See Snake Camera - Replacement Unit	CJ	9	0	8/31/2026	Working through procurement process .
LRD	Server Life Cycle Replacement	JC	99	468	11/20/2025	Shutdown of remaining servers to be completed by 11/20/2025 .
LRD	Shipping Container Footers - Hurricane Hardening	JP	10	1	12/21/2026	Planning.
LRD	Unit 14 Replacement - Construction	JP	99	91	11/15/2025	Delivered 10/14/25. Payment processed 10/24/25 .
LRD	Unit 27 Replacement - Reuse	JP	98	-55	11/13/2025	Delivered 10/15/25, Paid 10/24/25 .
LRD	Unit 29 Replacement - Collections	JP	88	0	1/6/2026	PO issued 11/25/24. Delivery of vehicle (Unit 61) pending.
LRD	Unit 63 - New F550 Crane - Construction	JP	90	0	12/24/2025	Delivery date provided by vendor. Delivery scheduled for November 2025 .
LRD	WWTP Electrical Upgrades - Phase 1	JP	94	10	12/14/2025	Field work COMPLETE .



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D., Executive Director
FROM: Kris Dean, P.E., Deputy Executive Director
Courtney Jones, P.E., Director of Engineering
DATE: November 20, 2025
SUBJECT: Engineering Services Report

Engineering Administration:

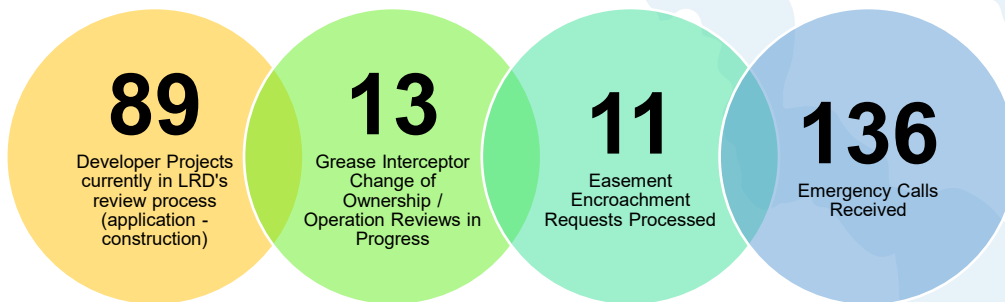
Engineering Admin (ENG ADMIN) staff engage on a daily basis with customers and developers on the following District functions:

- Plan Review Process (from pre-application through Construction)
- Grease Interceptor Application / Change of Ownership or Operation
- Easement Encroachment Requests
- Emergency Calls

Engineering's goal is to respond to developer's requests within 5 business days at all stages of the review process.

Developer Response

MonthYear	Avg RT (Working Days)
2024-Oct	Not Available
2024-Nov	Not Available
2024-Dec	Not Available
2025-Jan	2.62
2025-Feb	2.58
2025-Mar	1.26
2025-Apr	1.77
2025-May	2.20
2025-Jun	2.70
2025-Jul	1.93
2025-Aug	1.81
2025-Sep	1.59
2025-Oct	2.43



October 2025

KPI RANGE	COLOR
≤ 5 WORKING DAYS	GREEN
5 < DAYS ≤ 7	YELLOW
> 7 WORKING DAYS	RED

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Additionally, Engineering Admin also functions as the record keepers of the District through maintenance of record drawings and the Geographic Information Systems (GIS) map. All assets are generated and updated first by Engineering and then disseminated through a workflow to the District's asset management system. District staff are encouraged to complete redlines to the map for any discrepancies / updates that are needed based on field observation.

GIS Redlines	
Month-Year	# of Redlines Processed
October-24	64
November-24	29
December-24	30
January-25	21
February-25	44
March-25	31
April-25	18
May-25	19
June-25	52
July-25	48
August-25	59
September-25	32
October-25	64
12-MONTH AVERAGE	39

KPI Metrics:

	≥ 20
	15 < REDLINES ≤ 19
	> 15 REDLINES

Engineering Inspections:

Engineering Inspections (ENG INSP) staff are responsible for protection of existing District facilities and ensuring new facilities are constructed in compliance with the District's Manual of Minimum Construction Standards and Technical Specifications.

For compliance with Underground Facility Damage Prevention and Safety Act, Chapter 556, Florida Statutes, Engineering must respond to standard locate tickets within 2 full business days (metric is set to 2.75 days to account for tickets that come in after business hours).

811 Locates		
Month-Year	# of Locate Tickets Completed	Average Time to Locate (Days)
October-24	732	0.53
November-24	724	0.86
December-24	685	0.78
January-25	756	0.64
February-25	644	0.71
March-25	744	0.68
April-25	733	0.68
May-25	704	0.73
June-25	727	0.87
July-25	739	0.81
August-25	876	0.78
September-25	851	0.83
October-25	820	0.74
12-MONTH AVERAGE	749	0.74

KPI Metrics:

	< 2.75 days
	≤ 2.9 days
	> 2.9 days

Engineering Construction:



Engineering Construction (ENG CON) staff are responsible for supporting Collections, Reuse and Operations with necessary repairs and rehabilitations of their respective assets. The District has a Construction Foreman who oversees three 2-person construction crews.

The Engineering Department also oversees general services construction contracts (low-pressure, lift station, wastewater/IQ, general electrician services and lining).

Project Highlight

Staff from Engineering and Collections/Reuse assisted with the system shutdown and bypass for the new subaqueous force main at the Alternate A1A bridge connection. The subaqueous force main was previously installed via horizontal directional drill and this shutdown was to connect the new subaqueous force main to the existing buried force main. The new subaqueous force main is ready for service (currently offline) and provides redundancy to the existing aerial force main which remains in service.

Collections / Transmission & Reuse / Distribution:

Collections / Reuse (COL/REUSE) staff are responsible for the District's collection and transmission system, which collects and transmits raw wastewater to the District's Wastewater Treatment Facility (WWTF) for treatment. Additionally, they are responsible for the District's distribution system, which delivers reuse water to our wholesale and retail customers. Collections / Reuse staff routinely perform preventative maintenance on the various assets of the District's collection and distribution systems and respond to emergency calls.

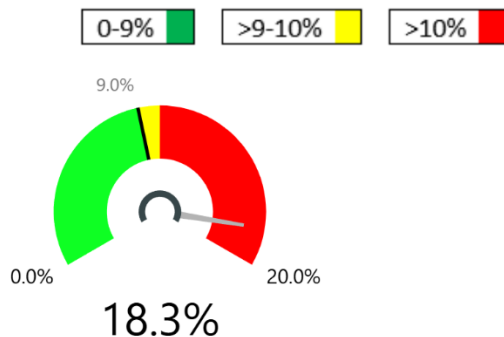
Red Lights / Emergency Call Response:

This month the wastewater collections / transmission system experienced 103 total red lights. 52 lift station red lights (32 stations with 11 stations experiencing multiple red light events) and 51 low pressure red lights (34 stations with 4 stations experiencing multiple red light events). A major rain event occurred on 10/9/25, which resulted in 29 of the red lights.

Work Order counts due to red lights exclude red lights due to FP&L power failure since staff have no mechanism to impact FP&L performance during inclement weather or other power outages.

Red Light Emergency Call Work Orders Dashboard October 2025

% LRD Related Red Lights at Lift Stations



52

WO for LS Red Lights

32

LS with Red Lights

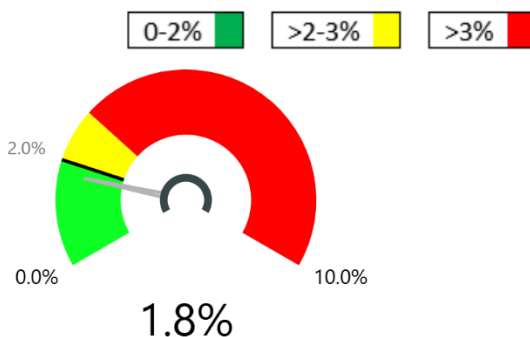
198

LS w/ No Red Light Alarm

11

LS w/ Multiple Occurren...

% LRD Related Red Lights at LP Stations



51

WO for LP Red Lights

34

LP with Red Lights

1623

LP w/ No Red Light Alarm

4

LP w/ Multiple Occurren...

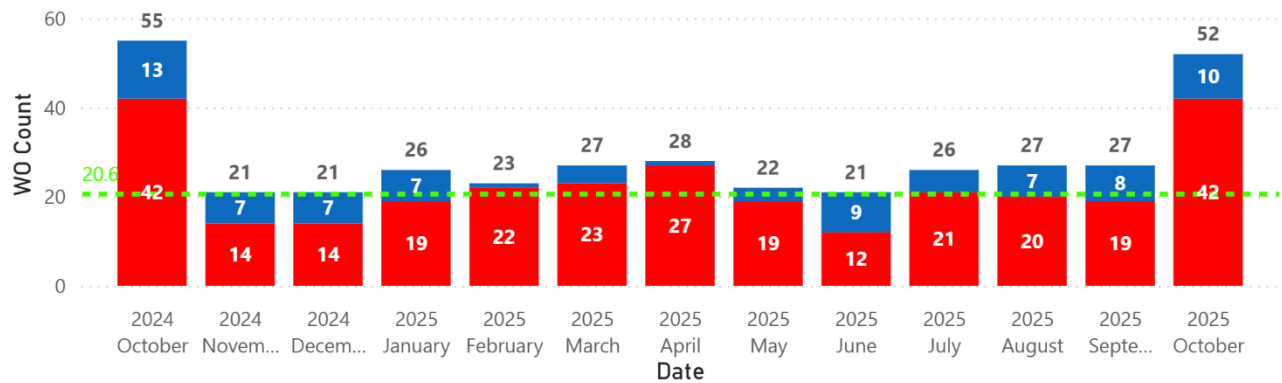
Of the wastewater lift stations within the District's service area, 18.3% of these lift stations experienced a LRD related red light in October 2025 as compared to 18.3% in October 2024.

Red Light Emergency Call Work Order Lift Station: Trend

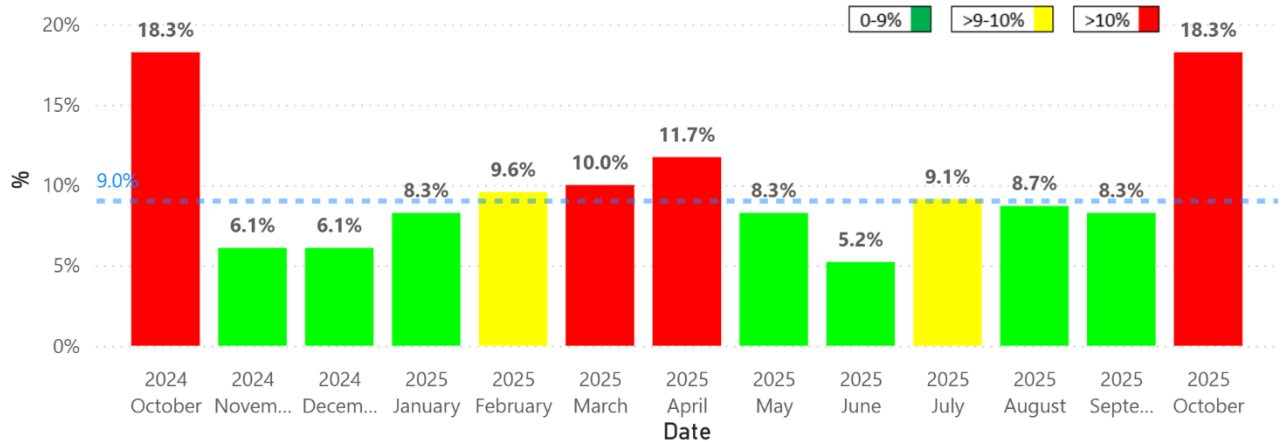
10/1/2024 through 10/31/2025

WO Count LS Red Lights

LRD Related ● Related ● Not Related



% LS Stations with LRD Related Red Lights



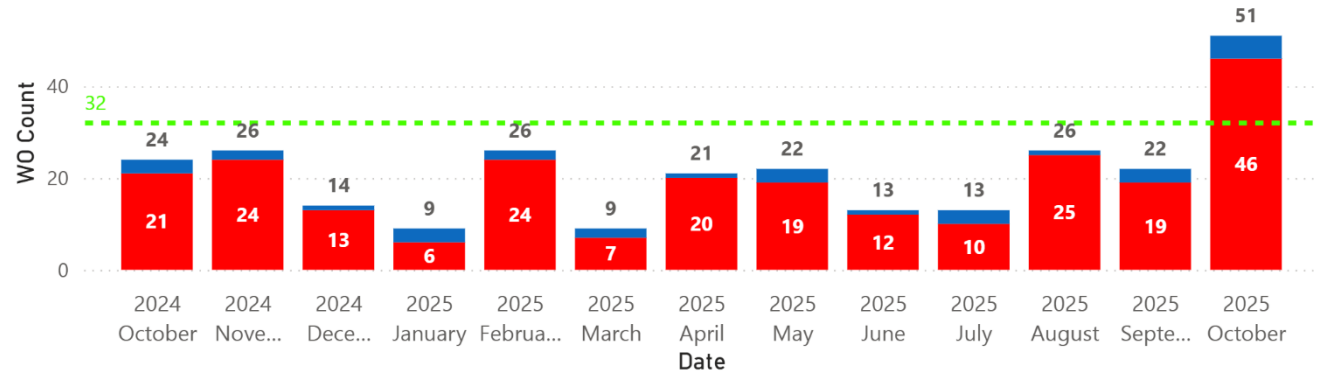
Of the low-pressure stations within the District's service area, 1.8% of these low-pressure stations experienced a LRD related red light in October 2025 as compared to 1.1% in October 2024.

Emergency Call Work Order Low Pressure: Trend

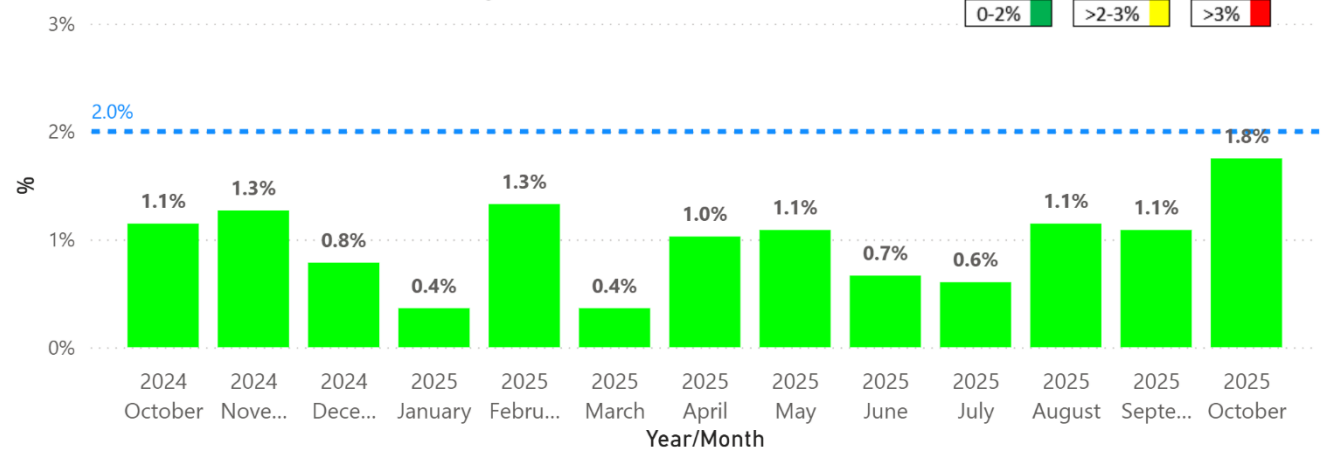
10/1/2024 through 10/31/2025

WO Count LP Red Lights

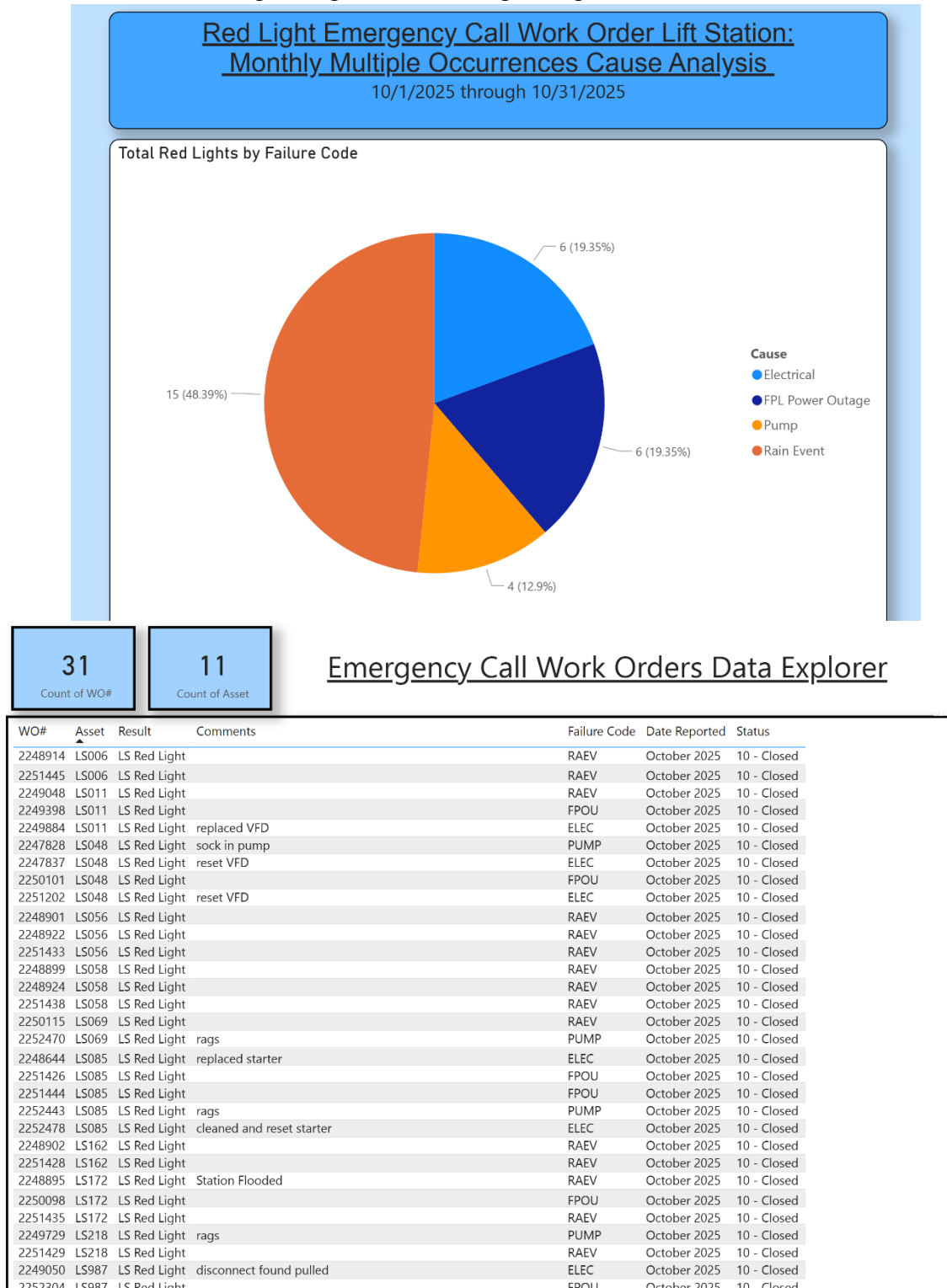
LRD Related ● Related ● Not Related



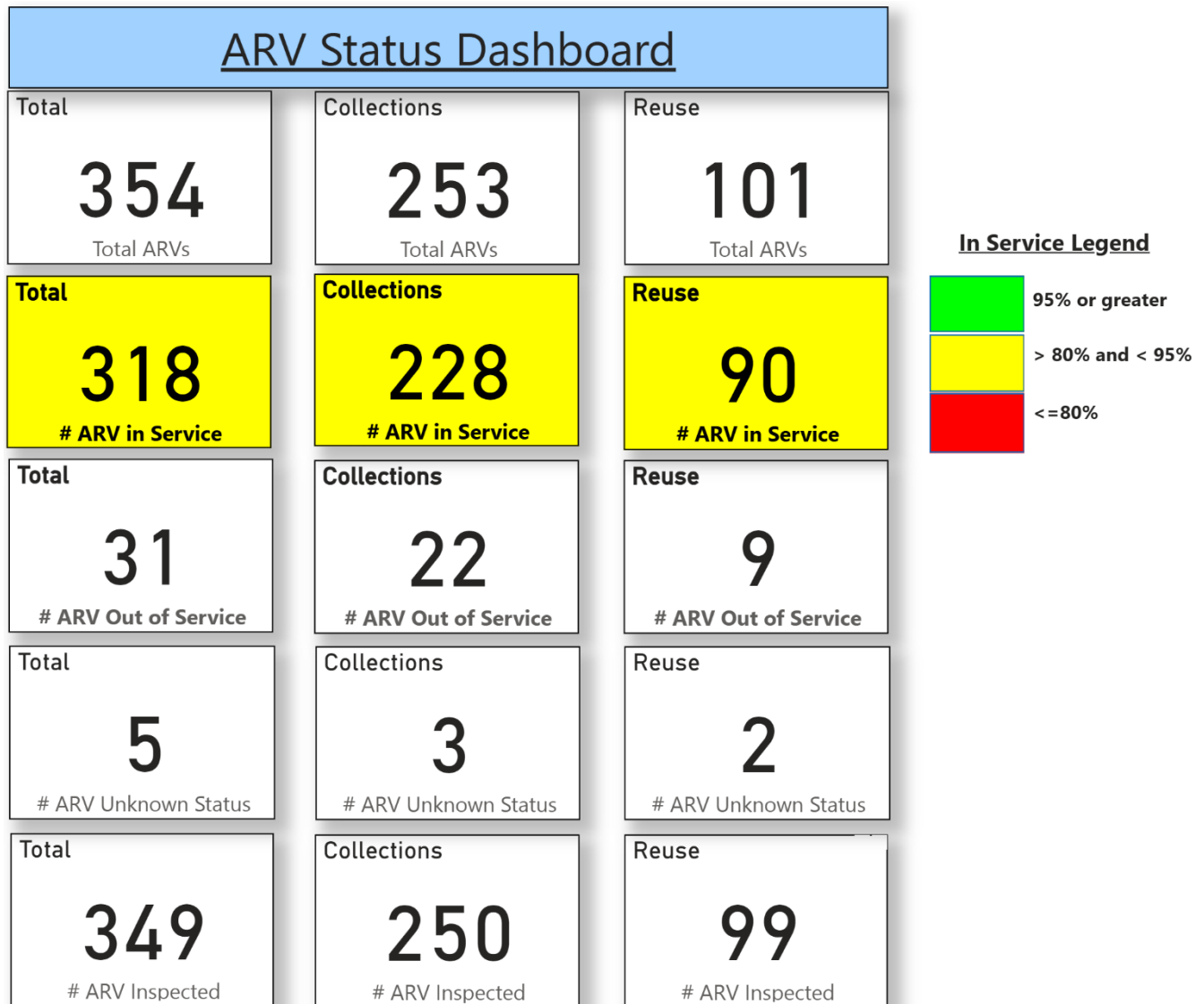
%LP Stations with LRD Related Red Lights



In October 2025, 11 lift stations experienced multiple redlights. A major rain event occurred on 10/9/25, which resulted in 15 of the 31 red lights. Refer to table below for additional information regarding the remaining redlight causes.



Air Release Valve Preventative / Corrective Maintenance: Collections staff are completing preventative maintenance on all ARVs and coordinating with Construction for necessary repairs on ARVs that are out of service.



|

Lift Station Wet Well Preventative Maintenance: Collections staff are completing preventative maintenance on lift station wet wells and adjusting frequency of cleaning based on findings to efficiently utilize staff time / resources.

Wet Well Cleaning Schedule: KPI

October 2025 through October 2025

4 # LS WW PM Monthly	2	1	1	Wet Well Cleaning Schedule Legend Potential Under Cleaning Cleaning Schedule Ideal Potential Over Cleaning
4	# Wells	# Wells	# Wells	
# PMs Completed				
5 # LS WW PM Bi-Monthly	3	1	1	
5	# Wells	# Wells	# Wells	
# PMs Completed				
4 # LS WW PM Quarterly	3	1	0	Score Calculation Grease, Sand/Grit, and Rags scoring aggregate where: Light = 1 Medium = 5 Heavy = 9 Green: 7-11 Red > 11 Yellow < 7
4	# Wells	# Wells	# Wells	
# PMs Completed				
5 # LS WW PM Semi-Annually	2	0	3	
5	# Wells	# Wells	# Wells	
# PMs Completed				
1 # LS WW PM Annually	1	0	0	
1	# Wells	# Wells	# Wells	
# PMs Completed				
19	11	3	5	
# PMs Completed	# Wells	# Wells	# Wells	

Unauthorized Discharges: There was 1 unauthorized discharge in the collection-transmission & reuse-distribution system this month, which was due to a Contractor installing a new service lateral connection to the District's gravity main. No surface waters were impacted.

01- LS138-GL015 500 gallons Grease trap Contractor 10-30-2025

Unauthorized Discharge FIELD : KPI

Date	Occurrences	Total Gallons	Impacting Surface Waters
October 2024	3	69	0
November 2024	4	66	0
December 2024	3	60	0
January 2025	3	57	0
February 2025	2	51	0
March 2025	2	6	1
April 2025	4	42	0
May 2025	0	0	0
June 2025	1	255	1
July 2025	3	601	0
August 2025	1	54	0
September 2025	0	0	0
October 2025	1	500	0
Total	27	1,761	2

Date	Occurrences	Total Gallons	Impacting Surface Waters
October 2024	1	200	0
November 2024	0	0	0
December 2024	1	2	0
January 2025	0	0	0
February 2025	0	0	0
March 2025	0	0	0
April 2025	1	10,000	0
May 2025	1	5	0
June 2025	0	0	0
July 2025	0	0	0
August 2025	0	0	0
September 2025	0	0	0
October 2025	0	0	0
Total	4	10,207	0

Conditional Formatting

Green: Total Gallons < 704 AND Impacting Surface Waters = 0

Yellow: Total Gallons <= 1500 AND Impacting Surface Waters = 0

Red: Total Gallons > 1500 OR Impacting Surface Waters >= 1



LOXAHATCHEE RIVER DISTRICT

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Albrey Arrington, Ph.D., Executive Director
FROM: Jason A. Pugsley, P.E., Operations – Plant Manager
DATE: November 13, 2025
SUBJECT: October 2025 Operations Department Monthly Report

Treatment Plant Monthly Performance Summary

Overall, the month of October was productive with all monthly reports prepared and submitted on time. There were no permit exceedances this month. The treatment plant generally operated efficiently and met all treatment objectives. During the month, there was a noticeable increasing trend in the influent flows to the plant. The increase in influent flow is consistent with past patterns driven by seasonal population changes across the District this time of year.

The plant experienced one (1) unauthorized discharge during the month of October. The discharge occurred because of failed garden hose on a process water spigot at the headworks structure. As a result, approximately 1,500-gallons of highly disinfected irrigation quality water was released to the ground, where it percolated into the adjacent soils. All soils in the immediate area of the discharge were disinfected with lime and the discharge was reported to the appropriate regulatory authorities.



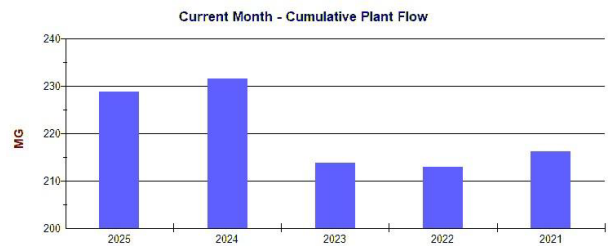
Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

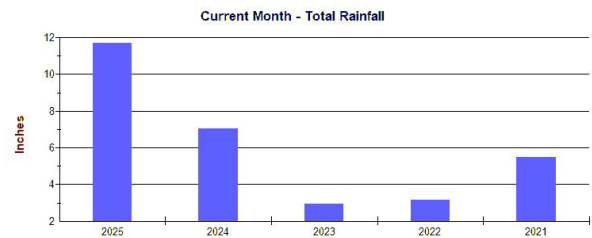
Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

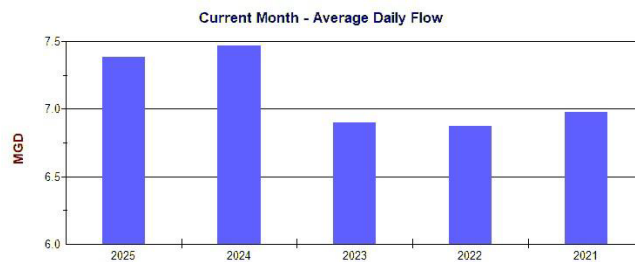
Graphical summaries of the plant flows and rainfall during the month of October, including comparisons with plant flows during the previous month (i.e., September 2025), are presented below.



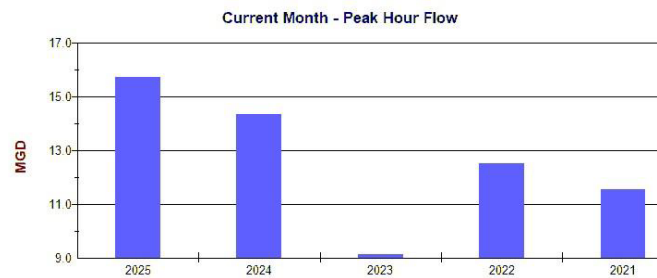
The Cumulative Influent Plant Flow for the month of October was 228.1 million gallons. This is greater than the Cumulative Influent Plant Flow during the month of September of 194.09 million gallons.



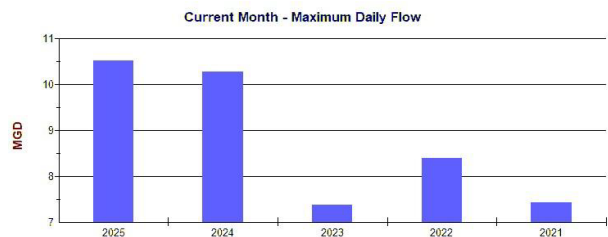
11.70 inches of total rainfall was recorded at the plant site during the month of October. This is significantly greater than the September rainfall recorded of 6.09 inches.



The Average Daily Flow (ADF) for the month of October was recorded at 7.38 MGD which is greater than the ADF recorded during the month of September of 6.47 MGD and slightly less than the October 2024 ADF of 7.47 MGD.

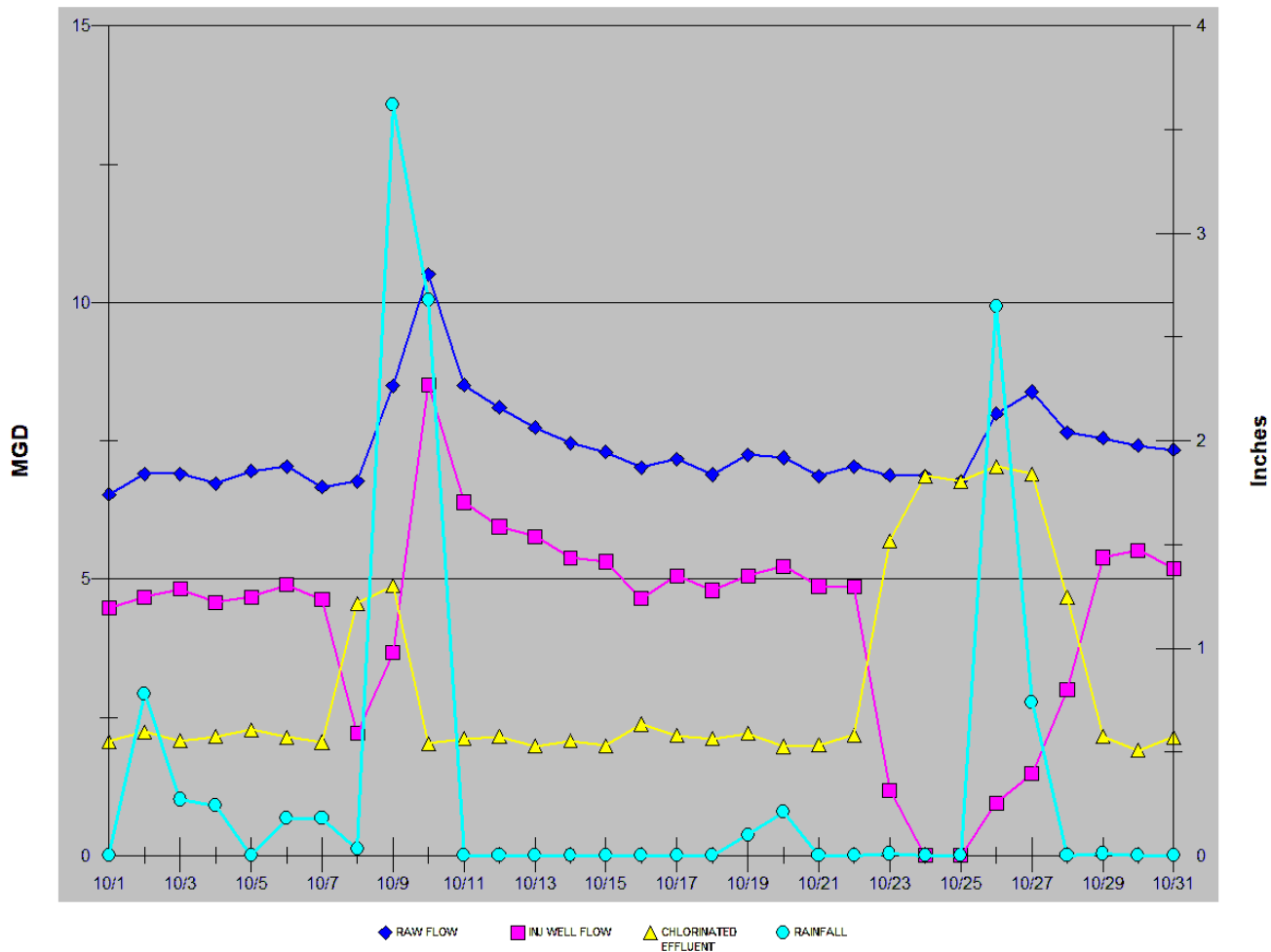


The Peak Hour Flow (PHF) for October was 10,924 GPM which equates to an equivalent daily rate of 15.73 MGD. This is significantly greater the PHF for September of 5,979 GPM (8.61 MGD).



The Maximum Daily Flow (MDF) in October was 10.51 MGD. This is significantly greater than the MDF for September of 7.09 MGD.

For the month of October, 41.93% or 95.93 MG of the cumulative influent flow to the plant was sent to the IQ storage system where it was distributed, as needed, to the various golf courses and the Abacoa development sites. A total of 133.19 MG of blended effluent was diverted to the deep injection well for disposal. The plant delivered a total of approximately 118.09 million gallons of IQ water to the reuse customers during the month of October.



Year to date (i.e., Calendar Year 2025), approximately 87.99% of all influent flow to the plant was treated and available for reuse as IQ water. The total volume of IQ water distributed to reuse customers, year to date, is 2,080.45 million gallons.

The Operations Dashboard for the month of October is provided below for review. The Dashboard provides a snapshot of the health and performance of the wastewater treatment plant over the monthly period and provides explanations for all metrics which are reported beyond or outside of the respective optimal range.

LOXAHATCHEE RIVER DISTRICT OPERATIONS DASHBOARD



Plant											Pre-Treatment	IQ
	Percent of Plant Capacity	SRT, MAvg	Aerbay NH3, MAvg	Sludge Yield, MAvg	Sludge Volume Index, MAvg	Secondary Treatment Performance	Permit Exceedance	CE CL2 Usage, MAvg	Dewatered Biosolids Cake, MAvg	IQ511 WW LSI	Grease Interceptor Inspections	NANO Blend
Benchmark / Customer Expectation	Mean Daily Incoming Flow	day(s)	% Reduction	lbs WAS/lbs cBOD	mL/g	Mean Clarifier TSS	# days	lbs CL2/MG	% Solids	Index	% requiring pump out	Max Specific Conductance (umhos/cm)
Green Level	≤ 70%	≥0.9 - ≤1.1	≥30 - ≤40	≥0.3 - ≤0.8	≤ 200	< 10	Zero	≤ 85	≥14.5	≥-0.3 - ≤0.3	<15	<1298
Yellow	≤ 80%	≥0.8 - ≤1.2	≥25 - ≤45	≥0.2 - ≤1.0	≤ 250	< 15		≤ 100	≥13.5	≥-0.6 - ≤0.6	≤25	≤1578
Red	> 80%	<0.8 - >1.2	<25 - >45	<0.2 - >1.0	> 250	≥ 15	≥ 1	> 100	<13.5	<-0.6 - >0.6	>25	>1578
2022 Baseline	64.54%	0.95	33.08	1.08	209	8.3	0.00	77.41	14.68	0.13	16	1294
2023 Baseline	62.90%	0.92	33.78	0.98	246	8.5	0.00	76.54	15.57	0.52	13	1296
2024 Baseline	63.39%	0.94	31.56	0.80	253	7.8	0	79.40	15.59	0.38	14	1136
2024 Oct	63.80%	1.05	30.12	0.89	307	6.7	0	118.83	16.15	0.72	12	1159
Nov	64.74%	0.99	36.49	0.63	275	6.6	0	67.86	15.36	-0.10	14	1089
Dec	64.68%	0.87	29.79	0.60	277	10.3	0	76.99	15.37	0.21	18	1130
2025 Jan	63.51%	0.83	25.55	0.84	232	10.6	0	103.65	15.60	-0.09	14	1127
Feb	64.03%	0.87	29.35	0.83	213	10.4	0	79.68	15.63	0.31	14	1162
Mar	64.64%	0.88	28.39	0.83	261	10.1	0	77.70	15.69	0.08	11	1159
Apr	64.00%	0.88	30.88	0.79	295	9.9	0	69.93	15.80	1.19	12	1138
May	61.98%	0.93	34.80	0.72	255	8.9	0	69.29	15.73	0.27	12	1142
Jun	59.43%	0.97	32.69	0.75	301	6.8	0	69.74	16.02	0.21	14	1283
Jul	57.56%	1.02	30.54	0.70	266	7.8	0	69.37	16.58	0.19	15	1193
Aug	57.02%	0.98	29.68	0.73	329	7.1	0	71.48	15.63	0.34	15	1208
Sept	57.67%	1.06	36.37	0.69	302	7.2	0	65.62	15.71	0.40	12	1221
Oct	61.21%	1.01	39.50	0.76	334	7.6	0	83.00	16.19	0.55	14	1078
Consecutive Months at Green	138	6	2	7	0	7	54	9	34	0	10	29
Metric Owner												

Metric

Explanation

SVI

The higher than desired SVI reported this month was due to periods of relatively moderate organic loadings to the treatment plant with periods of relatively higher MLSS. When these conditions occur, there is a low food to mass (F:M) ratio which creates ideal conditions for filamentous organisms to propagate. Filamentous bacteria form thread like mats which result in sludge bulking which reduces sludge settleability. The most effective means to address the development and propagation of filamentous organisms with the current treatment process used at the District's WWTP is to chlorinate the return activated sludge (RAS) prior to reintroduction of the RAS into the aeration basins. This chlorination process results in the significant degradation or eradication of these organisms and therefore improves sludge settleability. Operators applied chlorine to the RAS five (5) times during the month which caused the SVI to improve after dosing.

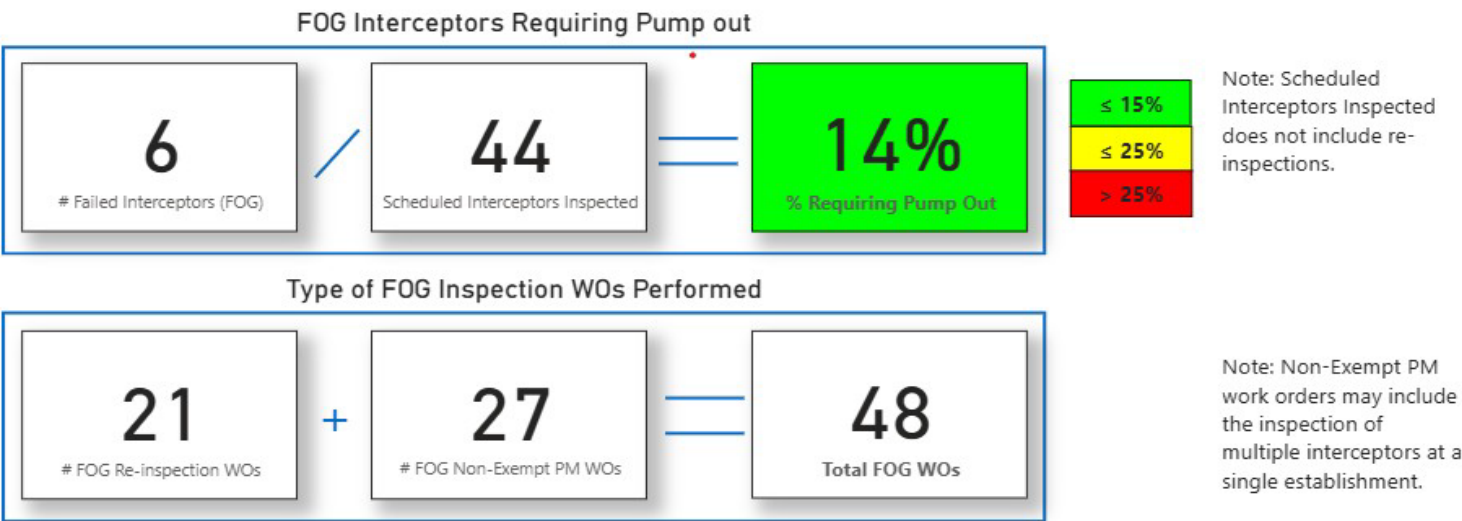
LSI

October's LSI monthly sampling event was completed again utilizing a HACH TNT 869 water hardness test. This month's sampling event continued to show an elevated calcium hardness on the majority of the samples taken. The presence of elevated calcium is likely contributing to the unfavorable LSI reading at IQ-511. Additional data is required to determine if Staff needs to establish a new, more accurate baseline for calcium hardness. On a favorable note, the conductance and total dissolved solids appear to be trending downward.

Industrial Pretreatment – Interceptor Management Program Update

The Industrial Pretreatment (IPT) Program provides for the regulation of wastewater discharges into the District’s sanitary sewer collection system for industrial and specific commercial establishments. One of the most significant functions performed by the IPT program is the regular inspection of interceptor units. Interceptors are generally required for food establishments, car washes or similar facilities which have the potential to discharge oily water and linen maintenance establishments.

**Dashboard for Fats, Oils & Grease (FOG) Interceptor Suspended Layer Levels
from 10/1/2025 to 10/31/2025**



Status: For the period, 10/1/2025 to 10/31/2025, a total of 44 interceptor units were inspected with a total of 6 (or 14%) units requiring pump out. A total of 21 re-inspection work orders were performed.



Project Highlights:

This month, Operations and Maintenance Team members collaborated with a qualified contractor to conduct comprehensive surface preparation and re-coating of the mechanical drive components at Clarifier No. 4. Clarifier No. 4, originally placed into service in 2008, had not undergone any prior removal from service or rehabilitation since its initial installation. The rehabilitation effort was undertaken to ensure the continued structural integrity and operational reliability of the clarifier's mechanical components.

Surface preparation of all ferrous metal surfaces was performed using a sand media blasting technique. This process was specifically designed to remove significant rust and corrosion that had accumulated over the years. The blasting was conducted to achieve a near-white metal blast, in strict accordance with SSPC-SP-10 standards as established by the National Association of Corrosion Engineers (NACE). This level of surface preparation is recognized for its ability to remove all rust, oils, and grease, thereby ensuring an optimal surface profile for the adhesion of the specified protective coating system.

Following the completion of surface preparation, all metal surfaces were inspected to verify compliance with the required standards. Upon confirmation of an acceptable surface profile, a two-part epoxy coating system was applied. This coating system is specifically formulated for immersion service environments, providing robust protection against corrosion and chemical exposure.

A notable finding during the inspection phase was that all metal surfaces and structural members were determined to be fully intact, with no significant loss of material or section thickness. As a result, the contractor did not need to perform any spot repairs or structural reinforcements prior to the application of the protective coating.

The entire rehabilitation process proceeded smoothly, with all planned activities completed within the scheduled timeframe. The next phase of the rehabilitation work will involve the reinstallation of the catwalk, clarifier drive, and ancillary components. This work is scheduled for completion by the end of November, ensuring that Clarifier No. 4 will be returned to full operational status in a timely manner.

This rehabilitation effort represents a critical investment in the long-term reliability and performance of Clarifier No. 4, supporting ongoing compliance with operational and environmental standards.



Clarifier No. 4 – Pre Surface Preparation and Coating



Clarifier No. 4 – Post Surface Preparation and Coating

The Maintenance Team also collaborated with Construction and Reuse Staff to replace the existing inline magnetic flow meter serving Irrigation Quality (IQ) Water Lift Station No. 512 (IQ-512). This lift station functions as the secondary IQ distribution facility, primarily responsible for conveying irrigation quality water to the western segments of the District's IQ distribution system.

The previous inline flow meter was original to the lift station and had reached the end of its operational life. In addition, the associated indicating transmitter—originally paired with the flow tube—had become obsolete, with manufacturer support and production discontinued. As a result, the meter could no longer be effectively serviced or calibrated, leading to reduced reliability and accuracy in flow measurement.

To restore dependable flow monitoring capability, a new magnetic flow meter and transmitter assembly manufactured by Krohne was installed. Krohne equipment was selected due to its proven performance, user-friendly programming interface, staff familiarity with system configuration, and the availability of interchangeable spare parts maintained by the District. The new transmitter includes both local flow indication at the unit and remote flow indication via the District's Supervisory Control and Data Acquisition (SCADA) system, ensuring accurate real-time monitoring and operational oversight. The installation restores accurate and reliable flow metering at IQ-512 and ensures future maintainability consistent with District equipment standards.



IQ-512 Lift Station – Replacement Inline Magnetic Flow Meter and Transmitter

During the month of October, there was a prolonged period when the reclaimed water system was removed from service due to the significant amount of rainfall received at the site. Staff took this opportunity to perform tank cleaning of the filter backwash waste basin. The filter backwash basin receives “dirty” water generated during the cleaning of the filter media and pumps this water back through the plant for treatment. As a result of the extended hydraulic retention time, it is common for larger solids to settle in the basin over time. The cleaning of the basin requires the isolation of the tank from the filter units and utilization of a vacuum truck to remove the settled solids. Concurrently, Staff wash down the basin walls and floor to maximize the volume of solids removed during the cleaning process.



Filter Backwash Basin – Pre Cleaning



Filter Backwash Basin – Cleaning In-Process

Lastly this month, Staff replaced the existing pressure transmitter dedicated to the process air distribution manifold. The previously installed transmitter was commissioned in 2008 and had reached the end of its serviceable life. The unit was obsolete and could no longer be effectively serviced or calibrated.

The pressure transmitter provides critical information to plant operators by delivering real-time data on the performance and operational status of the process air blowers. Since the process aeration system represents one of the most essential components of an activated sludge wastewater treatment facility, accurate and reliable pressure monitoring is essential. Continuous understanding of blower operating conditions supports stable and efficient biological treatment of influent wastewater. The new transmitter includes both local flow indication at the unit and remote flow indication via the District's Supervisory Control and Data Acquisition (SCADA) system.

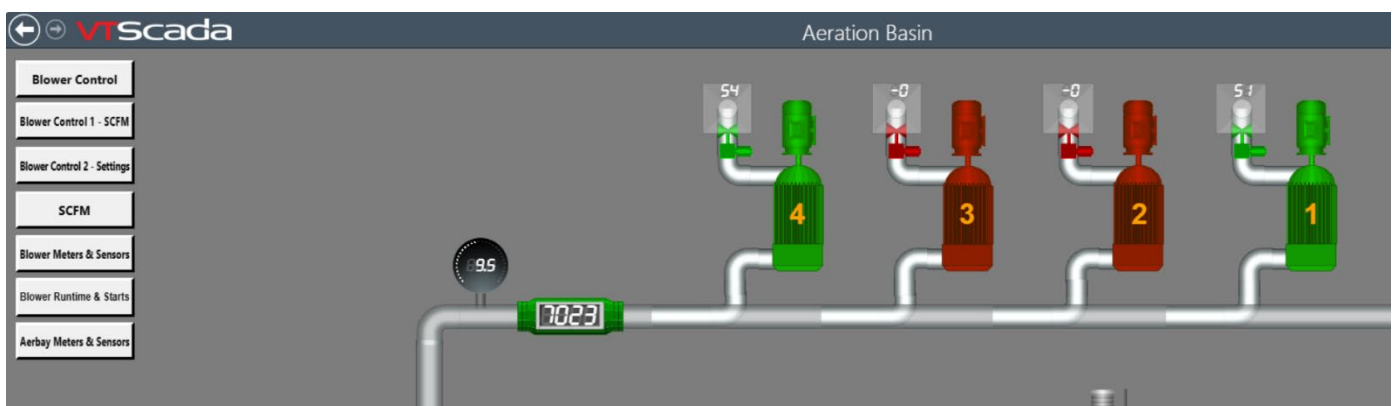
The replacement transmitter was selected for its proven suitability in process air service, particularly in applications involving elevated temperatures and low to moderate pressure ranges. This upgrade enhances system reliability and ensures continued access to accurate process data necessary for optimal treatment performance.



Original Process Air Pressure Transmitter



Replacement Process Air Pressure Transmitter



Process Air Pressure Transmitter – SCADA Interface



LOXAHATCHEE RIVER DISTRICT

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TEL: (561) 747-5700

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Albrey Arrington, Ph.D., Executive Director
FROM: Bud Howard, Director of Information Services
DATE: November 12, 2025
SUBJECT: Information Services Monthly Governing Board Update for October 2025

WildPine Ecological Laboratory

Riverkeeper Project

In October, the lab staff and our partners collected 157 water quality samples from 29 monitoring stations throughout the watershed. A total of 70 fecal indicator bacteria samples were analyzed in support of additional testing for the weekly bacteria monitoring program and the additional monthly testing in Jones and Sims Creeks.

The overall water quality score for October 2025 was “Fair” with 62% of all samples meeting the EPA/DEP water quality criteria for each site. This was down from last month’s “Fair” score of 76% and was consistent with the October 2024 score of 61% (refer to the scorecard below). Stormwater flows, which remained minimal throughout much of this wet season, increased in September and then rose significantly in early October when Jupiter received 4 inches of rain. The RiverKeeper water quality sampling occurred during the severe rains and stormwater flows, which contributed to the lower water quality scores observed this month.

For the core water quality parameters, *total nitrogen* scored “Fair” during October with 72% of sites meeting the water quality criteria. This was down from last month’s “Fair” score of 78% and considerably lower than last year’s “Good” score of 82% for October.

Total phosphorus results scored “Fair” in October with 69% of sites meeting the water quality criteria. This was considerably lower than last month’s “Good” score of 89%, but better than last year’s “Poor” October score of 48%.

Chlorophyll results scored “Poor” for the month of October with only 34% of sites meeting the stringent water quality criteria. This was a substantial decline from last month’s “Fair” score of 67%, and last year’s “Poor” score of 55% for October.

For the combined *fecal indicator bacteria* (fecal coliforms in all waters, enterococci in marine and brackish waters, and *E. coli* in fresh waters), October results scored “Fair” with 67% of sites meeting the established water quality criteria. This was lower than last month’s “Fair” score of 75%, but better than last year’s October score of 61%.

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

SampDate

10/1/2024

10/29/2025

Loxahatchee River District
Water Quality Scorecard
 Results scored to FDEP/EPA Water Quality Criteria

Green - Good: 80% - 100%
 Yellow - Fair: 60% - 79.9%
 Red - Poor: < 60%

Monthly Water Quality Score

**October
2025**

62%
Overall

157
Total Samples

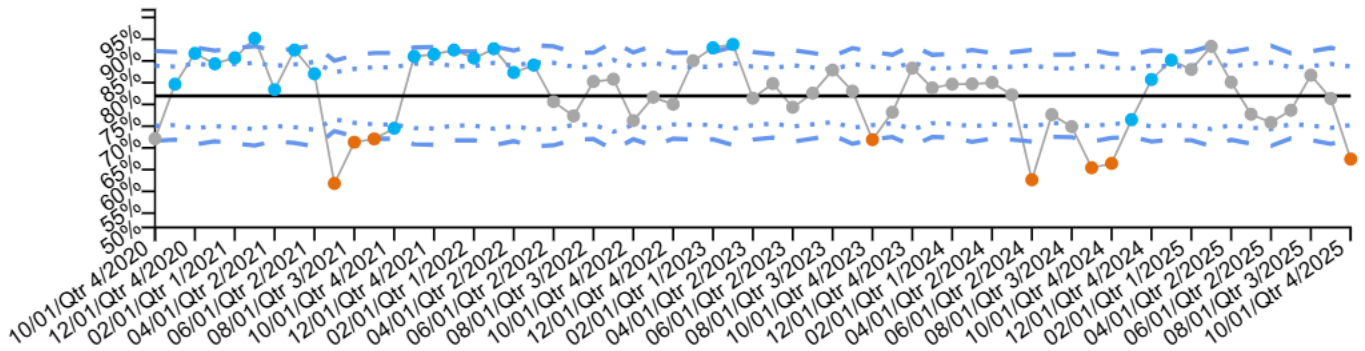
TN: Total Nitrogen, TP: Total Phosphorus, CLA: Chlorophyll a, BAC: Enterococci and E. coli bacteria

Year	Month	# Samples	Overall Score	# TN Samples	Total Nitrogen Percent Good	# TP Samples	Total Phosphorus Percent Good	# CLA Samples	Chlorophyll Percent Good	# BAC Samples	Bacteria Percent Good
2025	October	157	62%	29	72%	29	69%	29	34%	70	67%
2025	September	131	76%	18	78%	18	89%	18	67%	77	75%
2025	August	153	82%	26	85%	26	88%	26	62%	75	85%
2025	July	167	74%	29	97%	29	72%	29	38%	80	79%
2025	June	120	71%	18	94%	18	83%	18	50%	66	67%
2025	May	132	73%	19	100%	19	84%	19	63%	75	65%
2025	April	156	80%	29	90%	29	86%	29	48%	69	87%
2025	March	120	88%	18	94%	18	100%	18	78%	66	86%
2025	February	153	83%	26	92%	26	96%	26	65%	75	81%
2025	January	155	85%	28	100%	28	93%	28	64%	71	85%
2024	December	145	81%	25	96%	25	84%	25	56%	70	83%
2024	November	179	72%	34	82%	34	74%	34	53%	77	74%
2024	October	171	61%	33	82%	33	48%	33	55%	72	61%
Total		1939	76%	332	89%	332	80%	332	55%	943	77%

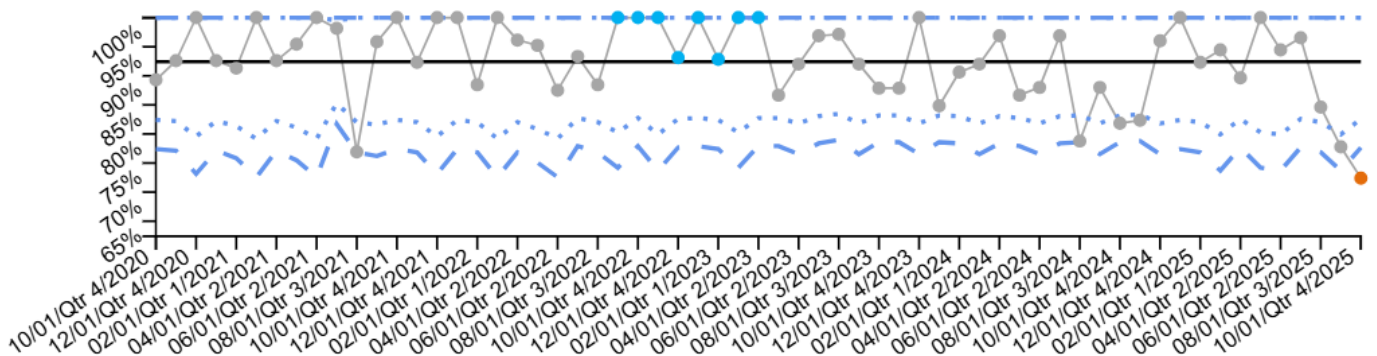
Statistical Process Control (SPC) Charts of Water Quality Scoring

The Overall Score of 62% for October has dropped below the lower control limit of 67% (chart below), not surprising given the significant change in rainfall and stormwater flows to the river. This lower overall score was influenced by the notable decline in the Nitrogen Score of 72%, which was well below the lower control boundary (dashed blue line) of 78%. The October nitrogen scores are the lowest we have recorded since October 2017. In August, the drivers of the lowest scoring stations were collected in Jonathan Dickinson State Park. In September, the drivers of the lower scores were four stations sampled in the Northwest Fork of the river. In October, we performed our quarterly sampling for nutrients in Jones and Sims Creek, and those urban shallow tidal creeks had high nitrogen concentrations that contributed to the overall lower nitrogen scores (see the spatial distribution discussion below).

Percent Good – Overall Score



Percent Good—Total Nitrogen

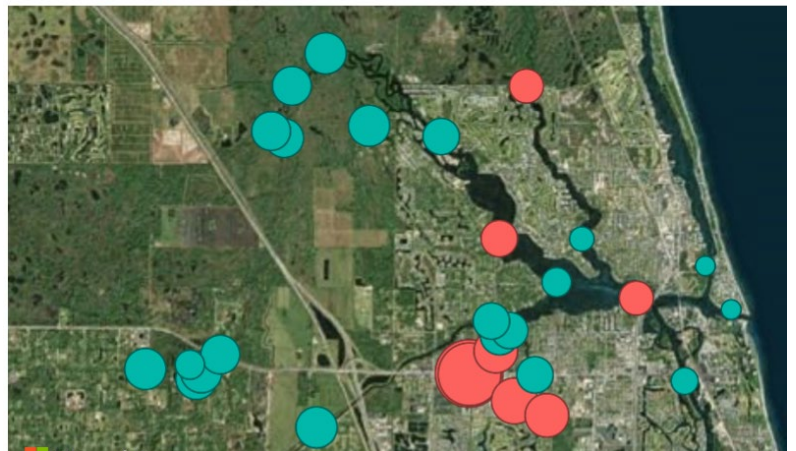


Spatial Distribution of Water Quality Results

Total Nitrogen levels scored "good" at 21 out of 29 sites (72%) tested in October. The "poorest" scoring station was located in Sims Creek (Station 74DW) with a concentration of 2.3 mg/L nitrogen, well over the Numeric Nutrient Criteria (NNC) of 1.3 mg/L for brackish tributaries. Just upstream in the freshwater canal portion, Station 74 had the next highest concentration of 2.1 mg/L nitrogen, over the NNC of 1.5 mg/L for that site. The other six "poor" scoring stations were located in the upper extent of the North Fork and in the lower estuary (map right), with total nitrogen concentrations between 0.9 and 1.4 mg/L, scoring "poor" relative to the NNC for their segment of the river (poly- and mesohaline).

Total Nitrogen (mg/L)

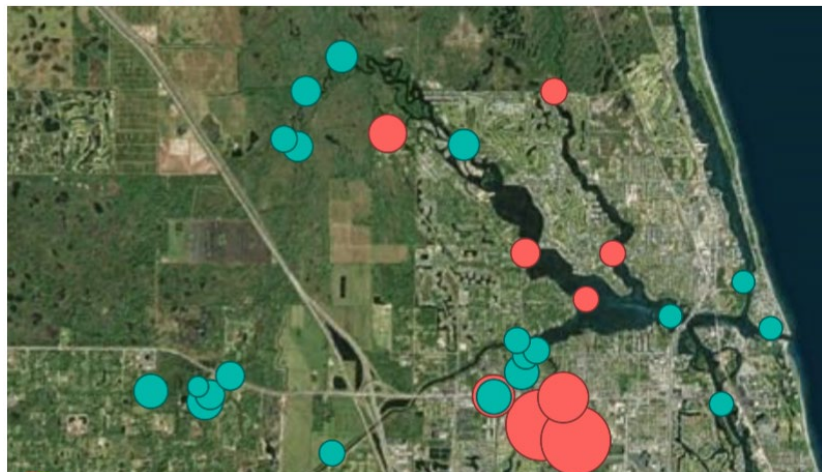
TN_Score ● POOR ● GOOD



We performed the quarterly sampling at the four long-term monitoring sites in Jones Creek. The average Nitrogen concentration for the 4 sites was 1.18 mg/L, higher than July's average concentration of 0.9 mg/L, but still below the NNC of 1.26 mg/L for Total Nitrogen.

Total Phosphorus (mg/L)

TP_Score ● POOR ● GOOD



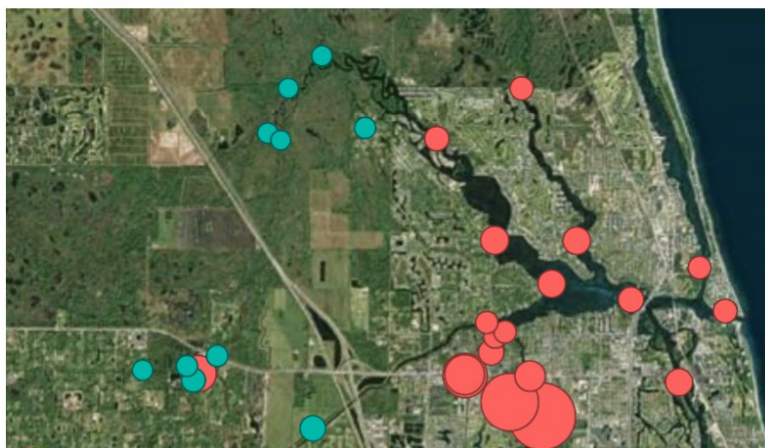
Total Phosphorus scored “good” at 20 out of 29 sites (69%) tested in October. The “poorest” scoring stations were located in Jones Creek (CALC & TPJ) each with a concentration of 0.2 mg/L phosphorus, well over the Numeric Nutrient Criteria (NNC) of 0.075 mg/L for brackish tributaries. The other seven “poor” scoring stations are shown in the map left and had total phosphorus results between 0.04 and 0.13 mg/L, scoring “poor” when compared to the NNC for their segments of the river (also poly- and mesohaline).

The average concentration of the four long-term monitoring sites in Jones Creek was 0.15 mg/L, a slight uptick from July's average concentration of 0.13 mg/L and above the NNC of 0.075 mg/L for Total Phosphorus. When comparing these phosphorus results in Jones Creek to historical data, there is a clear seasonal pattern where the higher concentrations tend to occur in the wet season.

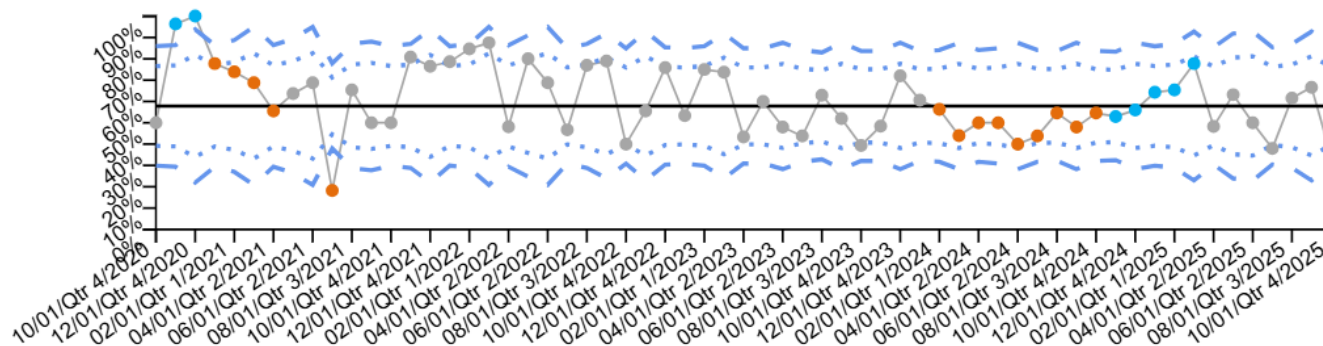
In October, *Chlorophyll* concentrations met the water quality criteria at only 10 out of 29 sites (34%) tested. While that score is a significant drop from September, it is within the historical statistical range for this parameter when looking at the statistical process control chart shown below. The warm water temperatures, combined with increased nutrients from the stormwater flows, often results in higher chlorophyll concentrations this time of year. The “poorest” scoring stations were located in Jones Creek (TPJ & CALC) with a concentration of 76 and 61 ug/L chlorophyll respectively, well over the strict Numeric Nutrient Criteria (NNC) of 5.5 ug/L for brackish tributaries. The other remaining “poor” scoring stations were scattered throughout watershed (map right), with most sites in the estuary portion of the watershed, with results between 6 and 41 mg/L and scoring “poor” when compared to the NNC for their segments of the river (marine, poly- and mesohaline).

Chlorophyll a (ug/L)

CHL_Score ● POOR ● GOOD



Percent Good - Chlorophyll

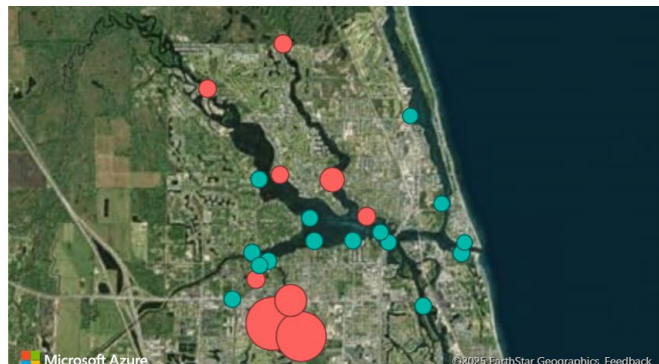


The quarterly sampling of the four long-term sites in Jones Creek had average Chlorophyll concentration was 40 ug/L, up from July's average concentration of 29 ug/L and 12 ug/L in October 2024.

In October, the overall *Bacteria* results scored "good" at 47 out of 70 sites (67%). For Enterococci bacteria, the state's indicator for salt and brackish waters, nine stations scored "poor" compared to the water quality standard of 130 MPN/100mL. Three sites in Jones Creek had high bacteria concentrations in the thousands. The Caloosahatchee Culvert (CALC) recorded 2,603 MPN/100mL and the Toney Penna Footbridge (TPJ) had 2,382 MPN/100mL enterococci. Also notably high was the Indiantown Road Bridge at Jones Creek (Station 75) with 1,137 MPN/100mL enterococci. The other "poor" results were in the hundreds as illustrated on the map (below left) showing smaller red dots.

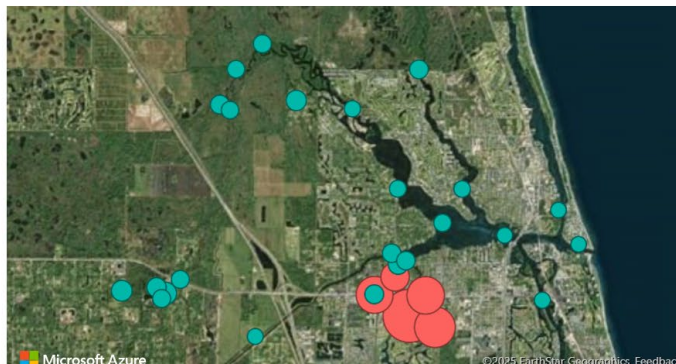
Enterococci Bacteria - Criteria: 130 MPN/100mL

ENT_Score ● POOR ● GOOD

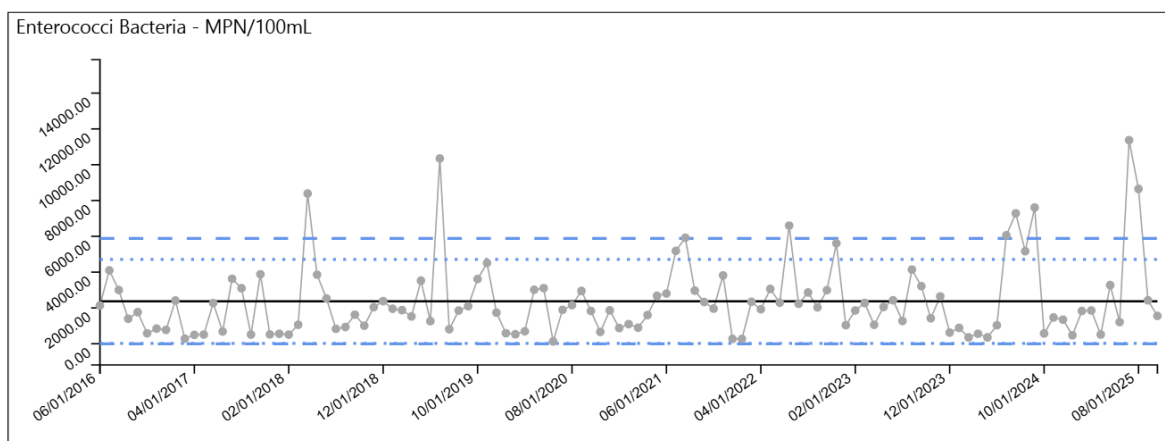


Fecal Coliform Bacteria - Criteria: 800 MPN/100mL

FC_Score ● POOR ● GOOD

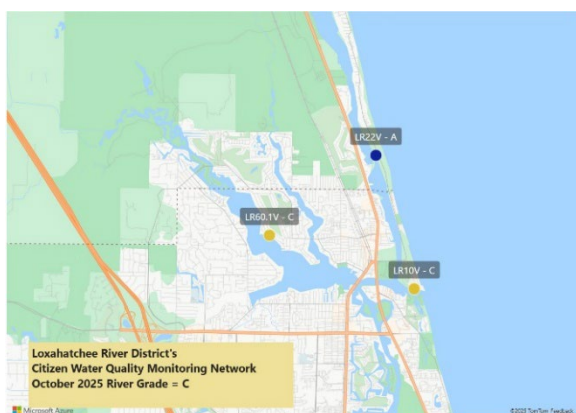


The four long-term monitoring sites in Jones Creek were also tested this quarter for Enterococci bacteria. The average concentration was 1,555 MPN/100mL, substantially lower than the high peak average concentration of 11,367 MPN/100mL we measured in July. The SPC chart (below) for these four long-term stations illustrates the wet season variability in bacteria concentrations that we have observed in the past.



For fecal coliform bacteria, five stations scored "poor", exceeding the water quality standard of 800 MPN/100mL (see right map above). Three sites in Jones Creek had the highest fecal coliform concentrations. The Caloosahatchee Culvert (CALC) recorded a fecal concentration of 2,481 MPN/100mL. The Toney Penna Footbridge (TPJ) had a result of 1,664 MPN/100mL fecal coliforms. Also notably high was the Indiantown Road Bridge at Jones Creek (Station 75) with 1,450 MPN/100mL enterococci. The other two "poor" scoring stations were in Sims Creek (Stations 74 and 735). Results were 1,420 MPN/100mL at Station 74 (Sims Canal) and 862 MPN/100mL at Station 735 (Sims Creek Center Street mobile home park).

Volunteer Water Quality



October Water Quality Grade: C

Like September, October brought increased rainfall, stormwater flows, higher surf, and beach erosion, all of which reduced water clarity which impacted water quality at all three volunteer monitoring sites. Over eleven inches of rain contributed to low salinity, decreased dissolved oxygen (DO) at all of the sites, and reduced water clarity at the inlet site (LR10V).

The Volunteer Water Quality grade declined from a "B" in September to a "C" in October.

Averaged results for the Month								Monthly Cumulative Grades						Overall	
Site	Temp (°C)	Secchi	Salinity	pH	DO	DO%	Color	Vis	Salt	pH	DO	DO%	Color	Score	Grade
LR10V	29.8	2.6	29.5	8.1	5.4	83.6	1.0	B	B	A	D	D	A	66.7	B
LR60.1V	28.3	VAB	25.0	8.4	4.0	58.8	1.0	A	A	A	F	F	A	64.7	B
Average	29.0													65.5	B

DO (Dissolved Oxygen)
ND (No Data)

Grade Scale

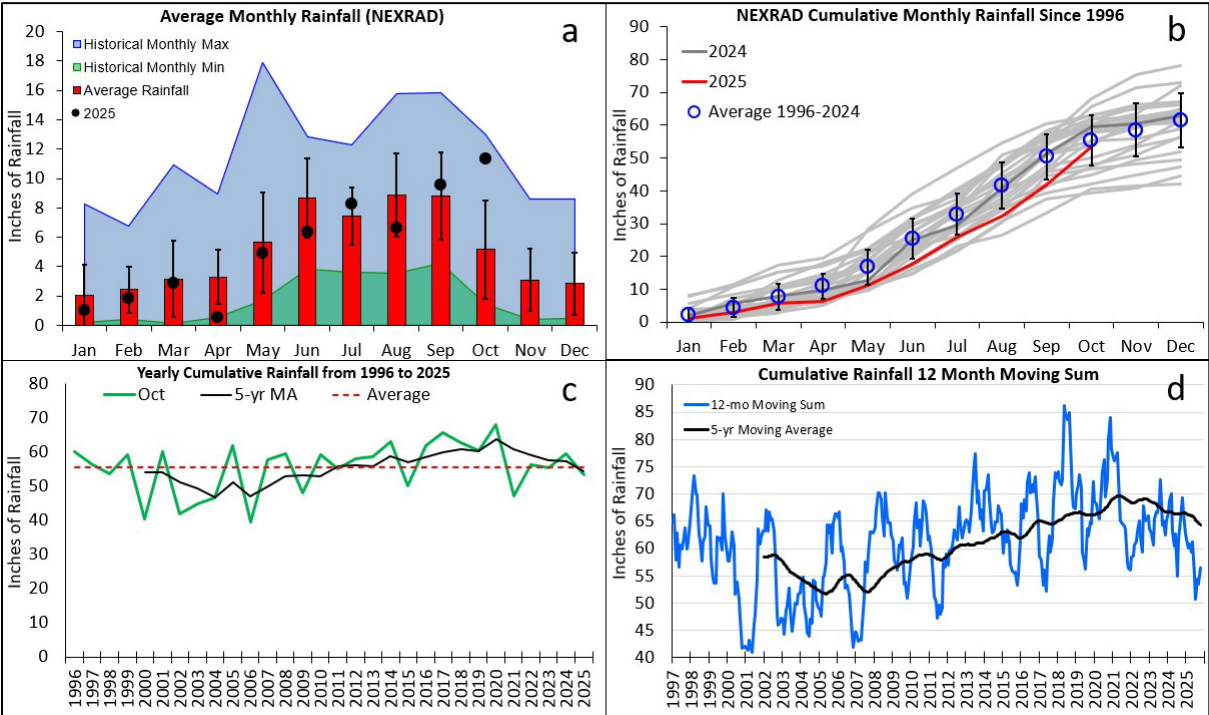
81.25	100	A
62.5	81.25	B
43.75	62.5	C
25	43.75	D
0	25	F

Hydrologic Monitoring

October brought a substantial increase in rainfall to the area, totaling 11.3 inches—more than double the historical October average of 5.2 inches (see panel 'a') and approximately 36% higher than the 8.3 inches recorded in October 2024. Rainfall occurred on 23 days during the month, with the highest single-day total of 3.6 inches on October 9. Combined with the following day's rainfall, this two-day event totaled 4.6 inches. A second significant rain event occurred on October 26–27, which brought an additional 3.1 inches.

This sharp increase in October rainfall quickly made up for the notable deficit we were experiencing and raised the cumulative total for the year to 53.3 inches, closer to the historical average of 55.4 inches (see panel 'b'), and about 11% lower than the same period last year.

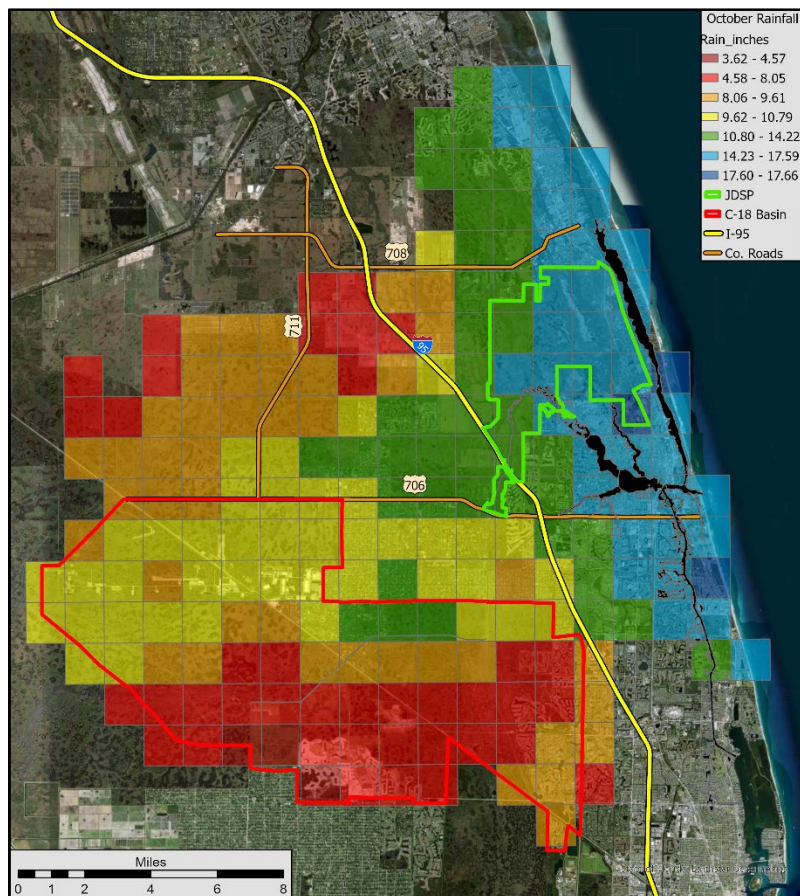
Long-term trends, as shown by the 5-year moving monthly cumulative average, continue to reflect a decline in rainfall relative to the 68.1 inch peak in 2020, which followed a decade of increasing October precipitation (see panel 'c'). The 12-month moving sum through October stands at 56.5 inches, which is 19% below the 69.3 inches recorded during the same period last year and 8% below the long-term average of 61.4 inches (see panel 'd'). Between 2010 and 2020, the watershed experienced a notable increase in total rainfall. However, since peaking around 2018, rainfall has gradually declined, indicating a shift in long-term precipitation patterns.



Figures above display various measures of rainfall. Panel (a) shows average monthly rainfall from 1996 to 2024 (red bars; error bars indicate ± 1 sd). Black dots indicate monthly rainfall for the current year. The blue and green shaded areas show the maximum and minimum rainfall ever recorded for each month. Panel (b) shows monthly cumulative rainfall for each year since 1996. Red line indicates cumulative rainfall during 2025; dark grey line indicates rainfall during 2024. Blue circles are monthly cumulative average rainfall measured between 1996-2024; error bars indicate cumulative monthly rainfall ± 1 SD. Panel (c) shows cumulative annual rainfall using NEXRAD radar-based data. Green line indicates cumulative rainfall through indicated month for each year since 1996, when the radar-based rainfall measurements began. Black line is the 5-year moving average across all years and red dashed line shows cumulative average through indicated month. Panel (d) shows cumulative 12-month moving sum of monthly rainfall (blue line) along with the five-year moving average (black line).

Spatial Distribution of Rainfall

During October, rainfall across the watershed was notably more variable, ranging between 3.6 to 17.7 inches in the driest and wettest areas (see map below). The rainfall distribution across the watershed was a noticeable departure from what we typically see during the wet season. Last month the wettest regions of the watershed were along the coastal areas, while the driest regions were more inland. This pattern is more typical of the dry season rain distribution. The figure below shows the highest rainfall over the eastern portions of the watershed (blues), while the driest regions included the southern reaches of the C-18 drainage basin, Pal-Mar, and J.C. & Mariana Jones Hungryland Wildlife & Environmental Area to the north.



Maps showing NEXRAD rainfall distribution across the watershed during the month indicated in legend. Each pixel represents an area of 2 km x 2 km. Blue colored pixels show highest rainfall and red pixels show lowest rainfall. For reference, the red line is the C-18 basin which includes portions of J.W. Corbett WMA, Loxahatchee Slough, and Pine Glades Natural Area; green line shows Jonathan Dickinson State Park boundary. Landmark roadways are indicated and include I-95, Indiantown Rd. (SR 706), Seminole Pratt-Whitney Rd. (SR 711), and Bridge Rd (SR 708).

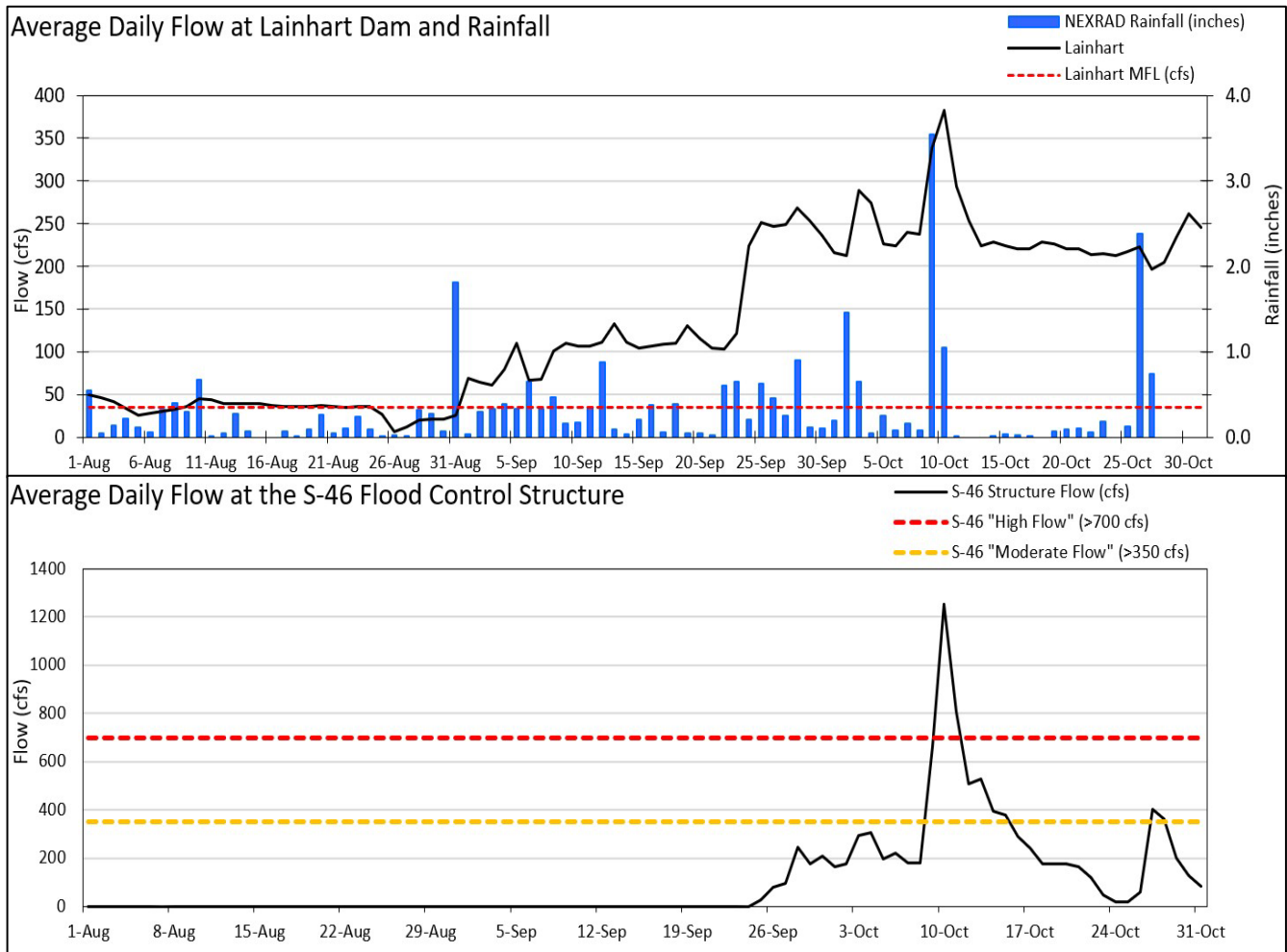
River Flows and Salinity

After a remarkably dry spell through much of the wet season, the arrival of increased rainfall in October finally had a noticeable impact on river flows. Throughout much of the wet season, flows hovered near the Minimum Flows and Levels (MFL) threshold of 35 cfs, due to persistently dry conditions. However, the rainfall that began in September that increased in October brought much-needed water to the watershed. Flows measured at Lainhart Dam during October averaged 239 cfs, ranging from 196 to 383 cfs, with peak flows aligning with days of heavier rainfall (see top panel in the figure below).

During October, approximately 53% of the flow into the Northwest Fork appears to have been supplied via the C-18 Canal and G-92 water control structure, with the remaining flow likely originating from drainage in the Jupiter Farms area. Notably, following the rainfall on October 9–10, there was a brief reversal of flow from G-92 back into the C-18 Canal—a common management practice to minimize flooding in Jupiter Farms and prevent excessive freshwater discharge into the Northwest Fork of the Loxahatchee River.

The S-46 flood control structure operated continuously throughout October, with an average flow rate of 288 cfs. There was a sharp peak of 1,253 cfs in response to the October 9–10 rainfall. During this period, flows exceeded the “moderate flow” threshold of 350 cfs for nine consecutive days, including a two-day stretch where flows surpassed the 700 cfs “high flow” designation that reduced salinities in the estuary likely caused some stress to the marine organisms. Fortunately, the high flows (above 700 cfs) only lasted two days.

The District’s online Minimum Flow and Level (MFL) data visualization tool is updated daily and available [HERE](#).

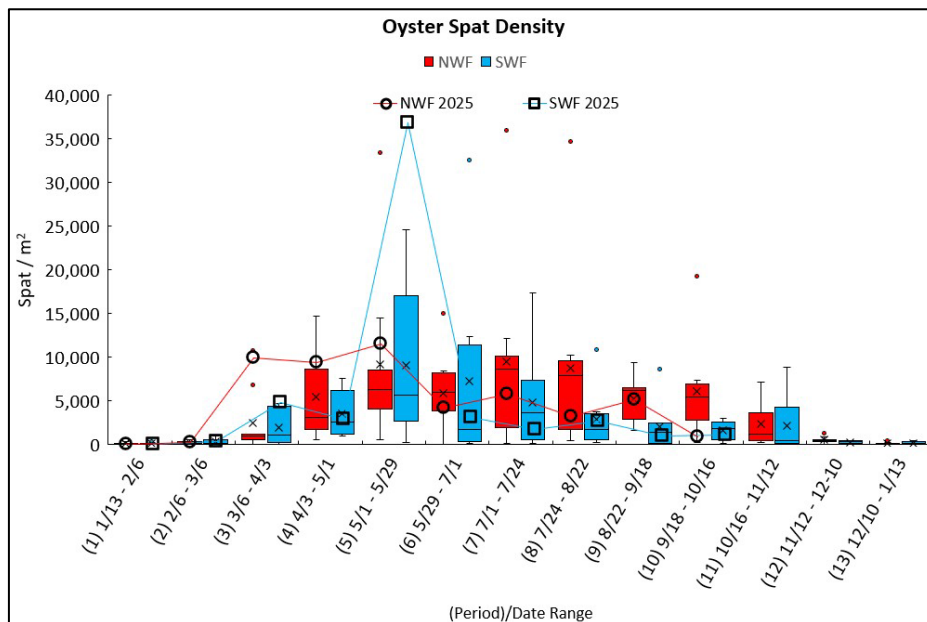


Above charts show average daily flow over Lainhart Dam (top, SFWMD) and average daily flow at the S-46 Structure (bottom, SFWMD) between August 1 and October 31, 2025. Dashed red line (top) indicates 35 cfs Minimal Flows and Level. Dashed red line and dashed yellow line (bottom) indicates 700 cfs "High Flow" and 350 cfs "Moderate Flow" respectively.

Oyster Spat Monitoring

The 28-day monitoring period ending October 16 did not exhibit the typical fall settlement spike we anticipated. In the Northwest Fork, oyster spat density averaged 897 spat/m², with slightly more than half the settlement activity (55%) occurring at the downstream site (see figure below). This month's density is significantly lower than the period average of 6,112 spat/m², yet it is more than four times higher than the 199 spat/m² recorded during the same period last year, which saw an earlier than usual fall peak.

Settlement activity in the Southwest Fork was marginally higher, with an average density of 1,058 spat/m². Just over half of this activity (56%) was observed at the downstream site (see figure below). Although this month's density is about 39% below the period average of 1,723 spat/m², it nearly doubles the 537 spat/m² observed during the same period last year. We had expected a sharper increase in spat density as the bimodal settlement pattern appeared to be reemerging. However, the delayed onset of the rainy season and the resulting increase in river flows may have suppressed the fall peak in spawning activity that we were expecting.



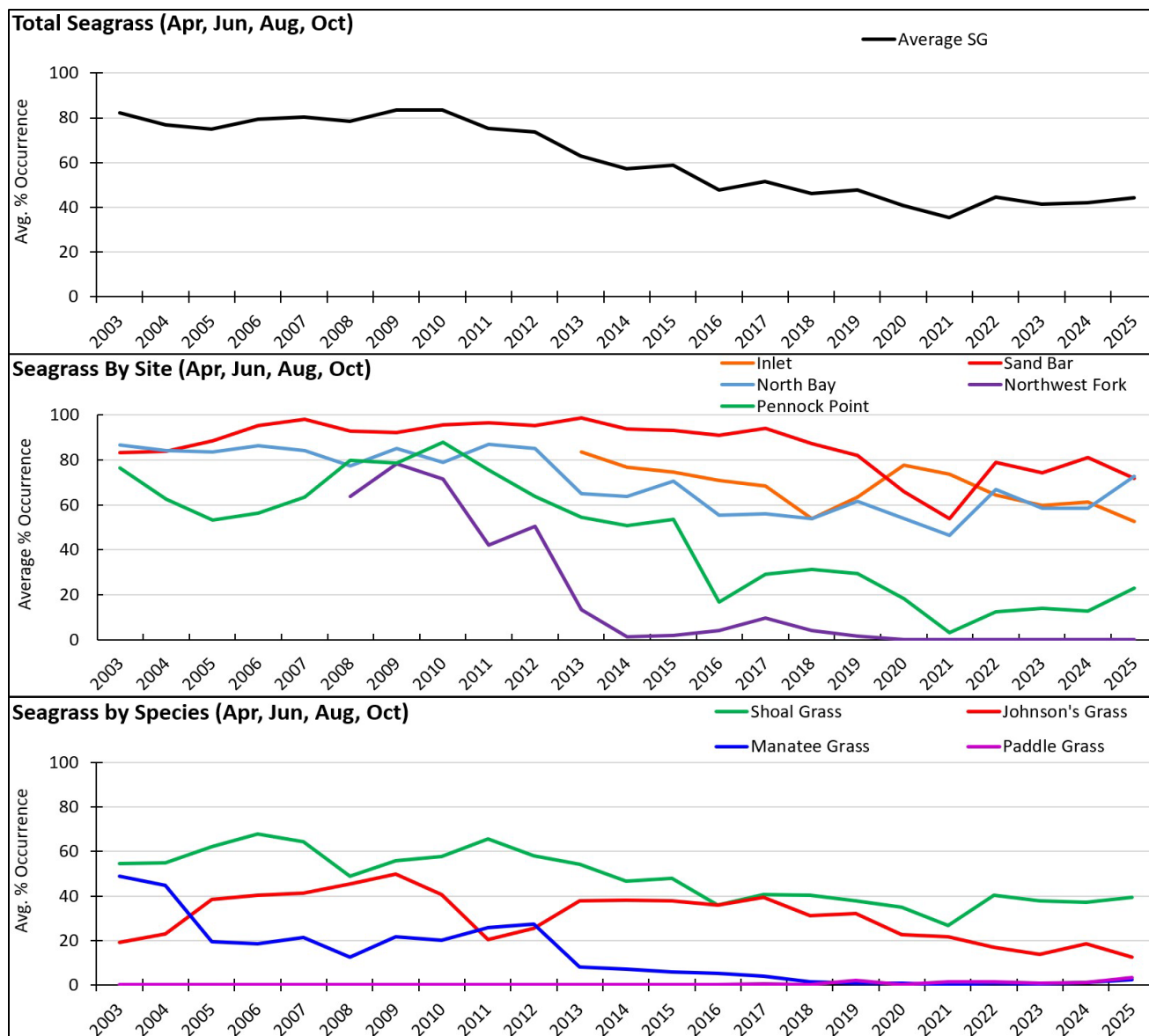
Box and whisker plot showing interquartile range (IQR) of oyster spat density (spat / m²) for each period in the Northwest Fork (red) and Southwest Fork (blue) of the Loxahatchee River between 2016-2024. The "X" in each box indicates period mean. Also shown are the 2025 period means for both the Northwest Fork (circle/red line) and Southwest Fork (square/blue line).

2025 Seagrass Monitoring

October typically marks the end of the seagrass monitoring season, and 2025 brought some encouraging findings as we completed the 23rd consecutive year of monitoring. Most sites showed signs of recovery from the declines seen historically, continuing an encouraging upward trend. Sampling occurs during the months of April, June, August and October. This year, we were unable to sample the Inlet site in October because of poor water conditions caused by high winds and increased river flows.

For the 2025 seagrass sampling season, conditions improved slightly, with a mean total percent occurrence of 44%, up from 42% in 2024 (top graph in figures below). However, gains were site-specific. North Bay and Pennock Point, both legacy sites with 23 years of continuous data, showed notable increases in seagrass occurrence and have been steadily recovering since the low in 2021 (blue and green lines in the middle graph). North Bay's 73% mean occurrence is its highest since 2012, when seagrass began a prolonged decline. In contrast, the Sand Bar and Inlet sites saw modest declines (red and orange lines), with the Inlet continuing a downward trend since 2020. At 53%, its mean occurrence is slightly below the 2018 low of 54% and set a new low for seagrass presence at this site. The Northwest Fork site remains largely barren, with only occasional sparse sprigs of seagrass observed throughout the monitoring.

At the species level, Shoal Grass remains the most abundant and widespread seagrass in the estuary, with a mean occurrence of 39% (green line in the bottom graph). Aside from a sharp drop in 2021, it has hovered around 40% since 2016. Johnson's Grass has declined steadily since 2017, reaching a new low of 13% in 2025. Paddle Grass, which has been variable over the years, continues to appear more frequently throughout the estuary (even Northwest Fork), reaching a record high of 3% mean occurrence this year. One of the most encouraging developments was the resurgence of Manatee Grass at North Bay. Once abundant, it declined sharply after Tropical Storm Isaac in 2012 and nearly vanished by 2020. In recent years, however, it has shown signs of recovery, with increased occurrence, shoot density, and canopy height. Manatee Grass ended 2025 with a mean occurrence of nearly 3%, the highest since 2017.



Figures above show the annual average percent occurrence of seagrass for all sites and species combined (TOP FIGURE), by site (MIDDLE) and by species (BOTTOM) for samples collected April, June, August and October each year beginning in 2003. The North Bay, Sand Bar, and Pennock Point sites include data back to 2003 when monitoring commenced. Northwest Fork (purple) and Inlet (orange) were added to the monitoring program later as indicated.

2025 Light Attenuation Study at Sawfish Bay

This summer, laboratory technician Jerry Metz conducted a water quality study in Sawfish Bay that measured light attenuation and factors affecting water clarity. Using an array of light sensors, the study measured light penetration through the water column while simultaneously collecting turbidity and salinity data. The study ran from May 19 to September 22, during the peak seagrass growing season, and resulted in 2,059 light measurements over 115 days. The goal this research project, which included sampling events at other sites during previous summers, is to develop a method for analyzing continuous light attenuation, rather than single point in time measurements with other equipment. The continuous, high-frequency light measurements can help us better understand the water clarity conditions necessary for seagrass growth.

Preliminary results indicate that sufficient light reached the seagrass canopy to support growth during most of the season (green line in the figure below). The red dashed line represents the 25% light threshold commonly cited in scientific literature as the minimum required for seagrass growth. Key factors reducing light availability included the decreasing stormy weather, high winds, and elevated turbidity. Non-weather related influences included the decreasing solar angle in September and seasonal “king” tides, which increased average water depth by about half a meter. These combined factors caused light levels to fall below the 25% threshold for much of September. Additionally, the study found that freshwater inflows following the heavy rains significantly affected light levels in Sawfish Bay.



Photos above show the light study platform set up in Sawfish Bay. The left photo shows the platform in its validation configuration whereby light data is compared to a Licor calibrated light instrument. Right photo shows the effect of “king” tides on water depth at the study site. The platform measures 2.3m from substrate to top of pole to provide scale of the depth.

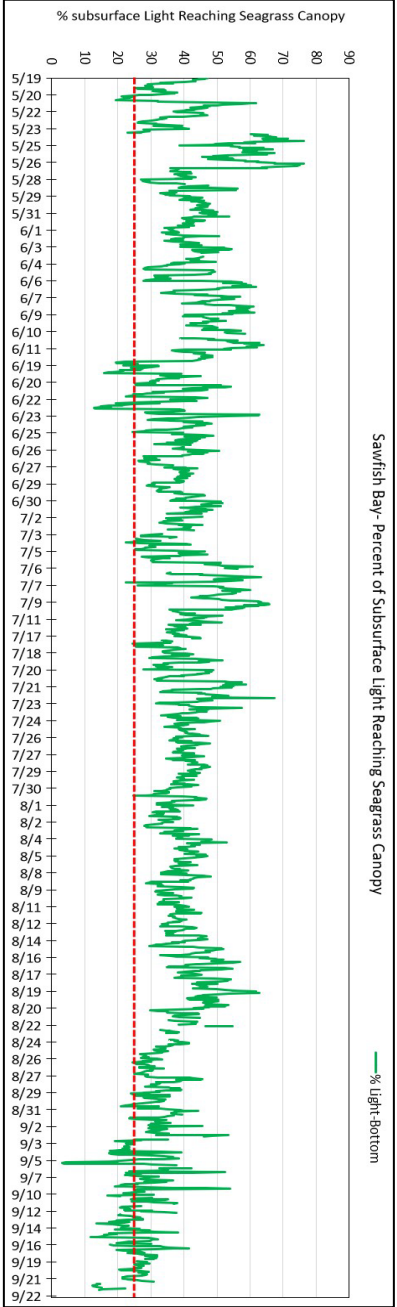
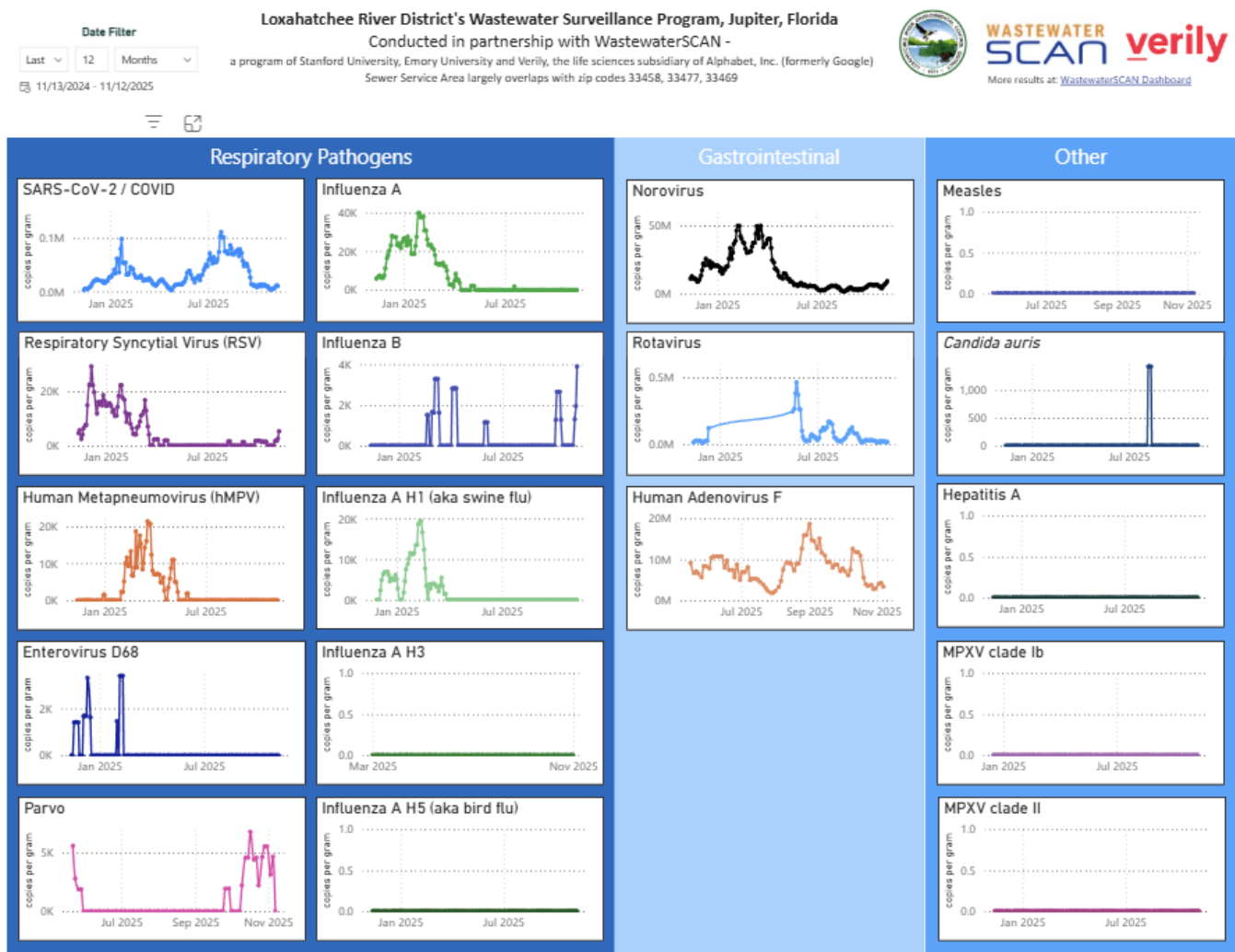


Figure above shows continuous percentage of subsurface light reaching the seagrass canopy (green line) from May 19 through September 22 (115 days, 2,059 measurements). The dashed red indicates the 25% subsurface light generally regarded as the minimum light requirement for seagrass primary production.

Wastewater Surveillance

It continues to be a generally quiet period of illnesses detected in our wastewater surveillance monitoring. There have been some detections of Influenza B, but at relatively low concentrations. Last year, Influenza A and RSV ramped up in December.

Results from this monitoring are automatically uploaded to our wastewater surveillance website at <https://loxahatcheeriver.org/wastewater-surveillance/>.



Wastewater Surveillance results from the WastewaterScan program over the last 12 months.

Customer Service

Billing & Payments

The distribution of the 4th quarter bills began on October 13, so the Customer Service Team was busy processing over 12,700 payments totalling nearly \$1.7M from our quick paying customers. There were no unusual patterns in payment methods. The 4th quarter bills are due November 12.

Information Technology (IT)

Server Migration Project Completed

We are pleased to announce the successful completion of our Server Migration Project, marking a significant milestone in modernizing our IT infrastructure. This upgrade greatly enhances system performance, security, reliability, scalability, and will ensure our technology foundation continues to meet the needs of the organization well into the future.

All applications and databases have been fully migrated from the previous server environment to a new, more robust and efficient platform. In total, we replaced or upgraded 38 virtual servers, supporting a wide range of critical business systems — including our SCADA, Compliance and Laboratory Reporting System, GIS (Geographic Information System), CMMS (Computerized Maintenance Management System), and others.

This achievement was made possible through the expertise and dedication of our valued vendors and consultants. Here are some examples of work performed:

- AT&T - support migration of mobile device management platform
- Avineon - migration GIS and database
- Quest Software - migration of users, computers including SCADA
- Select Tech ITS - migration CMMS and database
- Virtualization Advisors - provided validated architecture and implementations services

We extend our sincere appreciation to each of these partners for their outstanding contributions, professionalism, and collaboration throughout the project.

Loxahatchee River Environmental Center

November 2025



River Center Summary Statistics

LRD'S ENVIRONMENTAL STEWARDSHIP DASHBOARD

		Total Visitors (incl. Visitors, Field Trips, Onsite Programs)	1st Time Visitors	Average Program Participation [Actual participants/Capacity of Program]	Volunteer Hours	Visitor Satisfaction	Staff Overall Program Assessment	Expenses	Revenue
Benchmark / Customer Expectation		Total	Total	% of Capacity	Total	Rating Average [Max Rating is 5]	Rating Average [Max Rating is 9]	% within budget	% of Target
Green Level		≥ 90%	≥ 90%	≥ 85%	≥ 90%	≥ 4	≥ 7	≥ 85% but ≤ 105%	≥ 90%
Yellow		≥ 75%	≥ 75%	≥ 70%	≥ 75%	≥ 3	≥ 5	≥ 80%	≥ 75%
Red		<75%	<75%	<70%	<75%	<3	<5	< 80% or > 105%	<75%
2022 Baseline		1,322	101	111%	240	4.6	7.9	91%	107%
2023 Baseline		1,462	110	93%	297	4.7	7.8	83%	86%
2024 Baseline		1,433	100	99%	454	4.7	7.9	98%	104%
2024	Oct	1,250	71	91%	238	4.6	7.6	96%	130%
	Nov	1,007	59	82%	217	4.8	8.1	101%	114%
	Dec	841	58	86%	138	4.7	8.2	104%	143%
2025	Jan	1,363	103	90%	194	4.9	8.1	96%	142%
	Feb	1,208	85	82%	239	4.7	8.0	92%	174%
	Mar	1,608	203	98%	322	4.9	8.2	94%	163%
	Apr	1,375	88	92%	196	4.5	8.4	100%	152%
	May	1,193	63	134%	250	4.5	8.4	92%	152%
	June	2,205	127	111%	829	4.4	8.0	91%	106%
	July	2,400	134	109%	1,091	4.9	7.9	94%	95%
	Aug	1,381	94	94%	381	4.6	7.9	88%	100%
	Sept	705	80	88%	187	5.0	8.5	86%	98%
	Oct	1,518	82	96%	285	4.7	8.3	95%	147%
Consecutive Months at Green		1	10	8	13	13	13	13	13
Metric Owner		O'Neill	O'Neill	Duggan/Warwick	Patterson	O'Neill	O'Neill	O'Neill	O'Neill

Metric	Explanation

River Center General

River Center Special Programs

Old School Science Day [Wednesday, October 2nd]

We had a great turnout for our Old School Science Day, with 106 visitors! This program lets kids try out several fun experiments on their own, as well as viewing demos of more complex experiments. This science day was engineering themed, with most activities encouraging our guests to try their hand at building and testing. Visitors were able to construct mini catapults, spinning tops, air cannons, and even compete for the tallest spaghetti tower! Our demos were big crowd-pleasers! We



We crushed an aluminum can using only the power of temperature, then observed the exciting chemical reaction between sulfuric acid and sugar. We were also very fortunate to have special guests from the Max Planck Institute for Neuroscience join us with some hands-on demonstrations of their own involving fruit flies and other activities.

Lecture Series [Friday, October 3rd]

On Friday, October 3rd, Melissa Corichi, Safe Compost Operator and instructor, came to present about composting basics and went through various types of composting and how to practice them at home. Her methods included thermophilic, cold, aerated, static, in-vessel, in-field, vermicompost, and bokashi to name a few. Melissa went over the best ways to implement these kinds of composting into a home garden or farm, and how each method can be expected to work.



Blooming in the Garden – Creepy Crawlies [Saturday, October 4th]



The theme for this month's Blooming in the Garden program was Creepy Crawlies! We started our program with an interactive story about the Girl Who Loves Bugs! Students then had the opportunity to explore our "mini beast zoo" filled with a variety of spiders, butterflies, and other insects. We wove our own spider webs before heading out to the garden to explore and see what we could find. Our guests had a great time,

finding snails, spiders, frogs and more! Before they went home, guests had the opportunity to plant native seeds for their gardens. The Blooming in the Garden program is designed for children and families ages 3-6.



Science with Sam – Creepy Crawlies [Saturday, October 4th]



On October 4th, Science with Sam also taught a class on creepy crawlies! Students learned about all manner of strange-looking creatures and why they are important to a healthy ecosystem and humans. Students viewed educational animals, including isopods, multiple spider species, a praying mantis, snails, moths, centipedes, tadpoles, and millipedes. Students were also able to hold and interact with snails and tadpoles before releasing them back into our River Center garden. Students and parents had a wonderful time learning

about why these animals are important and getting the opportunity to see them up close and interact with a few.



Little Otters [Wednesday, October 15th]

This month was our final Little Otters program of the season! This program takes place at the Blowing Rocks preserve on Jupiter Island, in partnership with the Nature Conservancy. Our water explorers had the opportunity to use dip nets to search for exciting marine creatures in the Indian River Lagoon estuary. Though the low visibility and mosquitoes tried to keep us down, our guests still had a great time exploring the estuary and were delighted to find a variety of crabs, shrimp, and even a juvenile pipefish! We always end the program with a sit-down discussion of what we found, and why it is important to respect our local waterways. Next month this program will transition back to “Tots on Trails” as we move into the cooler part of the year.



Eco-Spooktacular Halloween Campfire [Friday, October 17th]

The River Center hosted its annual Halloween campfire, but this year featured a conservation twist. At our Eco-Spooktacular Conservation Carnival activities included various carnival games with a Florida theme.



Games included catching a “keeper” (fish), knocking out the invasive species, and where’s my habitat snake game. Our carnival also included a Florida “Oddities” Room featuring rare and unusual Florida animals. This year we also featured hot dogs and popcorn to satisfy our carnival goers. It was a wonderful evening when we welcomed over 375 people.



FireFest – Johnathan Dickinson State Park [Saturday, October 18th]



Jonathan Dickinson State Park hosted over 3,200 visitors at their annual FireFest event. FireFest is a fun-filled family event emphasizing the importance of fire safety and the role of

prescribed fire in Florida. The Florida Park Service's District Five Fire Team led prescribed burn demonstrations which included a helicopter putting the fires out. Along with these exciting demos visitors enjoyed interactive exhibits, crafts, activities and scavenger hunts. It was a great event, and we look forward to attending next year! The River Center saw over 350 visitors at their table and introduced many new families and individuals to the Center and our mission.



Wilderness Skills – Knot Tying & Orienteering [Saturday, October 25th]



The River Center taught a Wilderness Skills class about knot tying and orienteering at the Jupiter Inlet Lighthouse Outstanding Natural Area. Students and parents learned the basics of a compass, orienteering, and map reading before practicing their new skills on a closed compass course. Students and parents also learned the basics of knot tying and practiced a few commonly used camping knots. Students really enjoyed learning and

practicing their new skills of knot tying and orienteering! The goal of this class series is to get families and individuals comfortable with their own knowledge of the outdoors to encourage more nature exploration! The more we know, the more we explore. The more we explore, the more we care and therefore want to protect what we care about.



Swamp Tromp – Cypress Creek Natural Area [Tuesday, October 28th]

We spent the early morning off trail in the beautiful cypress swamps at



the Cypress Creek Natural Area (North). We could hear all the birds and insects in the still air. The water kept us nice and cool as we traveled to the swamps, marshes, and cypress domes. We discovered air plants, moss, Christmas lichens, ferns, and artistic looking cypress knees. We



enjoyed seeing the wildflowers at the end of the morning.

Homeschool Workshop – Batty for Bats [Wednesday, October 29th]

This month's homeschool workshop was all about Bats to celebrate Bat Month! Students learned to dispel myths about our winged friends, learned about their importance as pollinators and what threats they face. And lastly, they constructed their own bats to take home with them. It was a great class, and we can't wait for next month which will be about Bones, Skulls and Skins.



Volunteer of the Month

Our October Volunteer of the Month is Kate Koblitz. Kate has been a wonderful volunteer with The River Center for a couple of years and is always ready and willing to help in any way that she can. Kate has helped with special events and visitor services whenever she is available. Not only is she reliable but also welcomes every guest with enthusiasm and makes everyone feel welcome! Her compassion for helping others and attention to detail has helped with daily tasks but also training new volunteers. She even helped recruit her brother! Kate goes above and beyond to help with any task and will never complain. We are so thankful for Kate and her dedication to The River Center. Thank you, Kate, for your commitment and hard work! We appreciate you!

UPCOMING EVENTS

RSVP at www.lrdrivercenter.org/events-calendar
rivercenter@lrecd.org or 561-743-7123

Every Thursday, 9:30 a.m. – 10 a.m. – Story time: Join the River Center for Story Time. Families are welcome as we read stories and have an animal encounter.

November 22nd, 10:00 a.m. – 11:30 a.m.: Science with Sam Green Teens [EcoStories: Turning Ideas into Impact]: Step into the world of storytelling where film meets the environment. In this hands-on class, you'll get an exclusive first look at an upcoming wildlife film and discover how powerful media can inspire change. Together, we'll highlight incredible animals and create our own short films to share their EcoStories. From brainstorming ideas to filming and editing, you'll learn how to use the camera as your voice—and your vision—to make a difference. By the end, you'll walk away with original content ready to share, and the tools to keep telling stories that matter. Each student will earn 2 hours of volunteer service for attending.

November 26th, 2:00 p.m. – 3:00 p.m.: Nature Journaling [Art & Wellness Center – Cultural Council]: **"Leaves of Gratitude"** Students make a **"field guide"** or collection of leaves while meditating on **gratitude**. Are you interested in Nature Journaling and don't know how to start? We have the class for you! Nature Journaling is a great way to slow down to discover and explore the nature around us. We will teach observation, writing, measurement and recording skills. You do not need to be an "artist" to be a nature journalist. You just need a little curiosity. This is a monthly class with a different theme and skill each month. For Adults and recommended ages 12+. Cost is \$5 per person. Purchase the starter kit for an additional \$5 per person.

December 5th, 12:00 p.m. – 1:00 p.m.: Lecture [Lagoon Drift: A Successful Model to Engage Our Community in Marine Science] Join us at the River Center for our monthly lecture series! Our December Speaker is Laura Jessop, Community Outreach Programs and Education Manager for

ANGARI Foundation. ***Lagoon Drift: A Successful Model to Engage our Community in Marine Science.*** Since 2017, ANGARI Foundation has led “Lagoon Drift”, a Palm Beach County based citizen science program engaging community members in coordinated releases of eco-friendly drift cards to study the motion of water and pollutants in regional waterways. The program has engaged 4,000+ community members, including K-12 students and teachers, environmental clubs, and the general public. To complement the experiment, ANGARI staff visit classrooms to share standards-aligned presentations on topics like ocean currents and marine debris, and review results from past experiments. This year, ANGARI is launching an ArcGIS dashboard to give the public access to observations and experimental data from the study. Registration is required to attend. This event is not recommended for children under the age of 14.

December 6th, 10:00 a.m. – 12:00 p.m.: Wilderness Skills [How to Build a Shelter]: Wilderness Skills – How to Build a Shelter. Join the River Center for new Wilderness Skills workshops! This series is designed to educate participants on various wilderness skills to encourage outdoor recreation. Each class will focus on different outdoor skills. We recommend taking all classes for the full experience. This three-part series will include natural shelter building, orienteering, and more! Ages 8+ This is not a drop-off program

December 6th, 1:00 p.m. – 2:00 p.m.: New Volunteer Workshop: Join us for a new volunteer workshop at the River Center! In this workshop, we'll cover everything you need to know about becoming a River Center volunteer, including roles, responsibilities, and training opportunities. Whether you're passionate about the environment or eager to support community events, this workshop will help you understand how you can make a difference. Please RSVP to attend. For more information about volunteering at the River Center, please contact our Volunteer Coordinator Rebecca Patterson at Volunteer@Lrecd.org

December 9th, 10:00 a.m. – 12:00 p.m.: Swamp Tromp [Pine Glades Natural Area]: Come explore with us! Join the River Center on our Swamp Tromp series as we wade through the freshwaters of Pine Glades Natural Area. Walk along the guided paths and immerse yourself in this local natural area. Interested participants should wear long pants, comfortable clothing, bug spray, and bring plenty of water and a walking stick. CLOSED TOE SHOES ARE REQUIRED TO PARTICIPATE. Water may be knee deep in some locations, so you may want to bring a towel and some dry clothes/shoes for after the hike. Experience Level: Intermediate. Please be advised, this is not recommended for children or participants with limited mobility. This site does NOT have any restroom facilities. Make sure to RSVP to this event! Space is limited.

December 10th, 10:00 a.m. – 11:00 a.m.: Tots on Trails [Jupiter Ridge Natural Area]: Let's get outside! Join the River Center for our Tots on Trails program, designed for children ages 2-6! Each month, we'll explore a new natural area in the Jupiter/Tequesta area. This month, we'll be at the Jupiter Ridge Natural Area. We will meet at the Natural Area parking lot at 10:00 am. Together, we'll walk the trail, observe plants and animals with our magnifying glasses & binoculars, and learn about the nature surrounding us. Additional activities may include scavenger hunts, trail games, and nature art. Adults and children should come prepared to be outside for an hour. This includes comfortable clothing, closed toe shoes, hats, sunscreen, bug spray, and water bottles. Limited to 20 children (+ their accompanying adults). All equipment will be provided, and this program is free of charge. Donations are always welcome. Please RSVP to attend. Registration will open 1 month prior to the program date! Registration Opens on November 19th.

December 13th, 3:00 p.m. – 4:00 p.m.: Science with Sam [Fire in Nature]: Join our Scientist Sam for different science activities! Ready to ignite your curiosity? Join our Science with Sam class on Fire in Nature! Discover how nature dances with fire to thrive AND how humans can control it for healthy habitats! Get ready for a hands-on experiment and a fiery craft that'll spark your creativity!! Embrace the flames and ignite your curiosity. Don't get burned—sign up now! There is no cost for this program but please RSVP to attend. Space is limited. Registration will open on November 8th!

December 17th, 10:30 a.m. – 12:00 p.m.: Homeschool Workshop [Sea Urchin Lab]: Dive into the world of sea urchins at our homeschool workshop! Students get an introduction into the scientific method and discussion on observation driven experiments using live animals. Students will participate in an activity to learn how sea urchins survive in their environment; compare them to other aquatic species, and the adaptations necessary for their survival.

December 19th, 10:00 a.m. – 12:00 p.m.: Nature Hike [Masten Dam]: Come explore with us! Tie up your hiking boots and join the River Center for our hike to the Masten Dam! Walk along the guided paths and immerse yourself along the Loxahatchee River. We will explore a path inside this natural area with uneven terrain. Interested participants should wear closed-toed shoes, long pants (recommended), a walking stick, comfortable clothing, and bring plenty of water. Bug spray is highly recommended. Make sure to RSVP to this event! Space is limited.

December 20th, 10:00 a.m. – 11:30 a.m.: Blooming in the Garden [Terrific Turtles]: Join the River Center for our *Bloomin' in the Garden* program, designed for children ages 3-6. This month's theme **Terrific Turtles!** The program will start at 10:00am with story time and a nature-themed craft. We will then move to our garden for exploration and hands-on fun. When it's time to go home, children will receive seed to take home to start their own garden! So don't miss this exciting chance for you and your little ones to enjoy nature together! ****This program has limited space so please only sign up if you are planning on attending, and please let us know if you won't be able to make it!**** This activity is outside, so dress comfortably and be ready to possibly get a little messy. All equipment will be provided, and this program is free of charge. Donations are always welcome.

December 20th, 10:00 a.m. – 12:00 p.m.: Archery 101: Join the River Center for our Archery 101 Beginners workshop! Learn about the complex history of archery, safety, and basic skills. All equipment will be provided. Closed toe shoes are required; Participants should bring comfortable clothing, hat, water, and sunscreen. Cost: \$10 per person. For ages 10 and up. **IMPORTANT:** Registration is required to attend. Space is limited. This is not a drop-off program. The location for this event is off-site on private property. Directions will be emailed to registered participants only. Guests that are not guardians of child participants or are not registered to attend are not allowed on property. The River Center reserves the right to cancel the program due to low registration, unforeseen circumstances, or inclement weather. Participants will be notified as soon as possible in the event of cancellation.

November 12th, 10:00 a.m. – 12:00 p.m.: Nature Journaling [Pine Glades Natural Area]: “The Pondering Place.” Students have time to connect with nature on their own terms and journal about what they see and feel. “Find your pondering place and see what comes.” Are you interested in Nature Journaling and don't know how to start? We have the class for you! Nature Journaling is a great way to slow down to discover and explore the nature around us. We will teach observation, writing, measurement and recording skills. You do not need to be an "artist" to be a nature journalist. You just need a little curiosity. This is a monthly class with a different theme and skill each month. For Adults and recommended ages 12+. Cost is \$5 per person. Purchase the starter kit for an additional \$5 per person



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

To: D. Albrey Arrington, Ph.D., Executive Director
From: Jorge Alvarez Safety Officer
Date: November 13, 2025
Subject: District Safety Report for October 2025

Safety Metrics: September 2025

OSHA recordable injuries: Zero

Lost time injuries: Zero

Actual TRIR: 1.04 [Goal < 1.5]

TRIR = Total Recordable Incident Rate

Safety is a Core Value at LRD – *Our conduct is shaped by a personal commitment to protect the health and safety of ourselves and our colleagues. Safety is driven through education, training, planning, protective equipment, and individual accountability.*

OSHA Recordable Incidents/MVA's: The LRD experienced zero (0) OSHA Recordable Injury in October. The District has a rolling twelve-month Total Recordable Incident Rate (TRIR) of **1.04**. This is better than the District goal of 1.5.

The District experienced one (1) minor Motor Vehicle Accident (MVA) in October. With five MVA's in the last 12-month period, the MVA incident rate is at 2.4. Which exceeds the LRD MVA goal of 2.2.

JHA and Work Orders: In October 99% of the applicable Work Orders (WO) included a JHA. This represents twenty-nine (29) months in a row in which the District expectation of 95% was exceeded. The following is a comparison of the percentage of monthly EAM applicable Work Orders generated for which an electronic JHA was completed:

Reuse:	100 %	Construction:	99 %
Operations:	100 %	Inspection:	100 %
Collections:	100 %	Wild Pine Lab	100 %
Maintenance:	99 %	River Center	6 Electronic JHA

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Water Reclamation – Environmental Education – River Restoration

Lockout / tagout (LOTO): LOTO continues to be tracked in similar fashion to the JHA's. Any District employee working on the system/equipment being locked out must affix their own personalized lockout lock and tag to the equipment. This process ensures the system/equipment is configured so there is zero hazardous energy associated with the equipment prior to employees performing any maintenance on the equipment. 285 machine-specific LOTO forms were completed by District employees this month. Current data indicates our District-wide LOTO compliance rate is at 97% of applicable work orders, which is below the District expectations of 100%. The following is a comparison of the percentage of monthly EAM applicable Work Orders generated for which a LOTO form was completed:

Reuse:	100 %	Construction:	N/A %
Operations:	98 %	Inspection:	50% (2 of 4)
Collections:	98 %	Wild Pine Lab	N/A
Maintenance:	98 %	River Center	N/A

We continue working on improved training regarding completion of the Lock Out Tag Out section of work orders, because we believe the low compliance rate is being driven by incomplete work order processing and not lack of compliance with LOTO procedures.

Near Miss Reporting: There were zero Near Misses reported this month, which is below the 12-month rolling average. All District employees are encouraged to report potential safety issues, including unsafe or unhealthy conditions, potential pollution sources or events, and suggestions to improve safety processes, via [Near Miss Reporting form](#).

Training: The District Safety training in October had no New Employee Onboarding Safety Training. Other Safety training in August included Computer Based Training (CBT) for Hazard Communication (Globally Harmonized System).

Summary: Working safely at the District IS the standard. Let's reinforce the dedication to work smart and safely. Please visit with any questions or ideas you may have. And do not forget to utilize the near miss reporting system. Let's help each other stay safe and reach beyond our goals.



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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

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MEMORANDUM

TO: Governing Board
FROM: Administration Staff
DATE: November 14, 2025
SUBJECT: Consultant Payments

The following amounts have been reviewed and approved for payment to our consultants for work performed during the prior month.

Consultant	Prior Month	Fiscal YTD
Attorneys	\$ 7,963.03	\$ 7,963.03
Baxter & Woodman	\$ 17,595.45	\$ 17,595.45
Carollo	\$ 3,005.08	\$ 3,005.08
Holtz	\$ 14,298.95	\$ 14,298.95
KCI	\$ 1,490.00	\$ 1,490.00
Kimley-Horn & Associates, Inc.	—	—
Mock, Roos & Associates	\$ 12,295.00	\$ 12,295.00

Should you have any questions regarding these items, please contact Kara Fraraccio concerning the attorney invoices, and Kris Dean concerning the engineer invoices.

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Future Business

General:

- In December we anticipate providing the results of an ongoing compensation and benefits assessment.
- Executive Director's Annual Performance Review

Future Contracts:

- Lift Station 050 Collection System - Gravity System Repairs
- Lateral Lining Lift Station Systems 11, 12, 14, 27, & 190 (Center Street Corridor)
- FY 26 Vehicle Purchases
- General Services Contract Renewals
 - Lift Station General Construction Services