



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

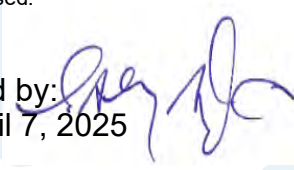
REGULAR MEETING # 04-2025

APRIL 17, 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 3**
 - C. Additions and Deletions to the Agenda
3. Comments from the Public
4. Status Updates
 - A. Loxahatchee River Watershed **Page 11**
 - B. Loxahatchee River District Dashboard **Page 12**
5. Consent Agenda (see next page)
6. Regular Agenda
 - A. Consent Agenda Items Pulled for Discussion
 - B. N21001 – 20 Acre Site Remediation – KCI Engineering Services **Page 54**
– Additional Permit Processing
7. Reports (see next page) Pulled for Discussion
8. Future Business **Page 121**
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: April 7, 2025

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

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. Preliminary Assessment – 109 Old Jupiter Beach Road [Page 14](#)
- B. Preliminary Assessment – 19465 Harbor Road S [Page 21](#)
- C. Notice Of Intent – 17213 Bush Road [Page 28](#)
- D. Indiantown Road Gravity Main and Manhole Inspections [Page 36](#)
- E. Revisions to 31-10 – Harbor Road South Sub-regional Line Charge [Page 43](#)
- F. Fixed Asset Disposal – to approve disposal [Page 45](#)
- G. Change Order to Current Contract - to approve modifications
 - G1. R24042/Lift Station 167 – Time Sensitive Change Order [Page 46](#)
 - G2. R20026/Loxahatchee River Subaqueous Force Main Replacement –
Mock Roos Engineering Services – FEC Lease Agreement [Page 51](#)
 - G3. R20036/Loxahatchee River Subaqueous Force Main Replacement –
DBE Construction Contract – FEC Permit Requirements [Page 52](#)

7. REPORTS

- A. Neighborhood Sewering [Page 61](#)
- B. Legal Counsel's Report [Page 62](#)
- C. Director's Report [Page 65](#)



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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: April 17, 2025
SUBJECT: Approval of Meeting Minutes

Attached herewith are the minutes for the Regular Meeting of March 20th, 2025. As such, the following motion is presented for your consideration:

“THAT THE GOVERNING BOARD approve the minutes of the Public Hearings and Regular Meeting of March 20th, 2025 as submitted.”

Stephen B. Rockoff
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Gordon M. Boggie
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Clinton R. Yerkes
BOARD MEMBER

Ref. 01-2025

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
PUBLIC HEARING – MINUTES
MARCH 20, 2025**

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

Chairman Boggie called the Public Hearing of March 20, 2025 to order at 6:55 P.M.

2. ROLL CALL

The following Board Members were in attendance:

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

3. TO RECEIVE PUBLIC COMMENTS PERTAINING TO THE FINAL ASSESSMENT
FOR 2966 JAMAICA DRIVE

No comments from the public were received.

4. COMMENTS FROM THE BOARD

No comments from the Board were received.

5. ADJOURNMENT

Chairman Boggie adjourned the Public Hearing at 6:56 P.M.

BOARD CHAIRMAN

BOARD SECRETARY

RECORDING SECRETARY

Ref. 02-2025

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
PUBLIC HEARING – MINUTES
MARCH 20, 2025**

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

Chairman Boggie called the Public Hearing of March 20, 2025 to order at 6:56 P.M.

2. ROLL CALL

The following Board Members were in attendance:

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

3. TO RECEIVE PUBLIC COMMENTS PERTAINING TO THE LRD RULE CHAPTER
31-10 Rates, Fees and Charges

No comments from the public were received.

4. COMMENTS FROM THE BOARD

No comments from the Board were received.

5. ADJOURNMENT

Chairman Boggie adjourned the Public Hearing at 6:57 P.M.

BOARD CHAIRMAN

BOARD SECRETARY

RECORDING SECRETARY

Ref: #03-2025

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
REGULAR MEETING - MINUTES
MARCH 20, 2025

1. CALL TO ORDER

Chairman Rockoff called the Regular Meeting of March 20, 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, and Ms. Jones (via Goto Webinar). Consultants in attendance were Mr. Curtis Shenkman and Mr. Hunter Shenkman with Shenkman & Shenkman, P.A.

PREVIOUS MEETING MINUTES

The minutes of the Regular Meeting of February 20, 2025 were presented for approval and the following motion was made:

“THAT THE GOVERNING BOARD approve the minutes of the Regular Meeting of February 20, 2025 as submitted.”

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

B. ADDITIONS & DELETIONS TO THE AGENDA

Pull 5G, 5H, 5I

3. COMMENTS FROM THE PUBLIC

No public comments were received.

4. STATUS UPDATES

A. LOXAHATCHEE WATERSHED STATUS

Dr. Arrington presented a summary of LRD findings on the monitoring of river flows and salinities in the cherished cypress swamp segment of the Loxahatchee River. Mr. Howard and Dr. Arrington have noted increased frequency of MFL salinity violations during neap tides with relatively low flow over Lainhart Dam. It appears dampened tidal oscillations associated with neap tides are contributing to significantly elevated salinities at river mile 9.1, which result in violations of the minimum flow and level values.

B. LOXAHATCHEE RIVER DISTRICT DASHBOARD

Dr. Arrington reviewed the District Dashboard.

5. CONSENT AGENDA

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

“THAT THE GOVERNING BOARD approve the Consent Agenda of March 20, 2025 with items 5G, 5H, and 5I pulled for further discussions.”

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

A. 2966 Jamica Drive - Final Assessment

"THAT THE GOVERNING BOARD approve Resolution 2025-03 specifying the 2966 Jamaica Drive FINAL Assessment Roll and Exhibits."

B. Chapter 31-10: Jamaica Drive Phase 2 - Subregional Line Charge

These revisions were incorporated into Chapter 31-10 Schedule of Rates, Fees, and Charges under Tab 6B.

C. General Electrician Services Contract - to approve contract renewal

“THAT THE DISTRICT GOVERNING BOARD authorize renewal of the second 1-year term contract for ITB #24-006-00136 General Electrician Services to Hinterland Group, Inc. in amount not to exceed \$250,000.”

D. WWTF Electrical Upgrades - Phase 1- to approve contract award

“THAT THE DISTRICT GOVERNING BOARD approve utilization of contract for ITB #24-006-00136 General Electrician Services to complete the Wastewater Treatment Facility (WWTF) Electrical Upgrades – Phase I project in the amount of \$155,248.97 and approve a contingency amount of \$16,000.”

E. Low-Pressure Sewer System General Construction Services - to approve contract award

“THAT THE DISTRICT GOVERNING BOARD authorize award of an initial 1-year term contract for ITB #25-005-00144 Low Pressure Sewer System General Construction Services to The Lazarus Group, Inc. in amount not to exceed \$150,000, contingent upon an approved HSE Plan approved by the District’s Safety Officer.”

F. Generator Repair and Maintenance General Services Contract - to approve contract renewal

“THAT THE DISTRICT GOVERNING BOARD authorize award of ITB 25-004-00143 with Onsitegenpros in accordance with their Bid Response in the amount of \$161,295.00 for Lot 1 – Preventative Maintenance and inspection April 1, 2025 – May 31, 2025 and \$50,000 for Lots 2 – Additional Services and 3 Emergency Services”

J. Near Miss Policy - to approve policy

“THAT THE GOVERNING BOARD approve the revised Near Miss Policy and direct the Executive Director to implement the policy with an effective date of March 24, 2025.”

K. Fixed Asset Disposal – to approve disposal

<u>Description</u>	<u>Serial Number</u>	<u>Condition</u>	<u>Estimated Value</u>
2 HP Barnes Pump	C1260502-1206	Beyond Repair	\$50
2 HP Barnes Pump	C741758-0300	Beyond Repair	\$50
2 HP Barnes Pump	LP1012	Beyond Repair	\$50
10 HP Flygt Pump	FLY1260413	Beyond Repair	\$50

“THAT THE GOVERNING BOARD authorize the Executive Director to dispose of the items listed in the schedule above in accordance with the District’s Disposal of Surplus Tangible Personal Property Policy.”

L. Change Orders to Current Contracts - to approve modifications

No Change Orders were presented for Board consideration this month.

6. REGULAR AGENDA

A. CONSENT AGENDA ITEMS PULLED FOR DISCUSSION

5G Warehouse and Inventory Management Policy - to approve policy

“THAT THE DISTRICT GOVERNING BOARD ratify and approve the revised Warehouse and Inventory Management Policy, effective March 21, 2025, and authorize the Executive

Director to update the Warehouse Inventory Management Policy from time to time and periodically present it to the Governing Board for ratification and approval.”

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

5H Drug-Free Workplace Policy - to approve policy

“THAT THE DISTRICT GOVERNING BOARD approves the revised Drug-Free Workplace Policy with an effective date of March 24, 2025.”

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

5I Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers - to approve policy

"THAT THE DISTRICT GOVERNING BOARD approves the revised Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers with an effective date of March 24, 2025."

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

B. Rule 31-10 Rates, Fees, & Charges – Rate Study

“THAT THE DISTRICT GOVERNING BOARD approve Rule Chapter 31-10 as revised, including establishment of the Jamaica Drive Phase 2 Subregional Line Charge for Jamaica Drive Phase 2 Subregional Collection Facilities with a rate of \$820.00 per equivalent connection, and with an effective date of April 1, 2025.”

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

C. Portable Generator Purchase: Award of Contract

“THAT THE DISTRICT GOVERNING BOARD authorize the piggy-back of the Sourcewell Contract #092222-GNR with Genset Services, Inc for 14 – 100 KVA mobile diesel engine-driven generators in accordance with their quote dated February 20, 2025 in the amount of \$854,772.40”

MOTION: Made by Mr. Rockoff, Seconded by Dr. Rostock
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 March 20, 2025 adjourns at 7:42 PM.”

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

BOARD CHAIRMAN

BOARD SECRETARY

RECORDING SECRETARY



Loxahatchee River Watershed Status Shoreline Stabilization and Restoration Project at the Jupiter Inlet Lighthouse Outstanding Natural Area

A major shoreline stabilization and restoration project recently began at the Bureau of Land Management's Jupiter Inlet Lighthouse Outstanding Natural Area.

Peter DeWitt, Manager of the natural area, will join us to present an overview of the project.



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	‰	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	Mar	1,697	17	0	70; 0	7.4	0	1,101	3	0	\$ 41,568,281	103%	93%	65%	49	0	24.4	0
	Apr	1,162	15	0	2,858; 1	6.9	0	1,133	1	0	\$ 40,736,583	102%	92%	70%	37	7	32.5	1
	May	1,153	14	0	30; 0	6.6	0	1,146	15	1	\$ 42,588,420	102%	93%	62%	52	31	31.0	1
	June	2,870	9	0	20; 0	6.4	0	1,173	13	0	\$ 40,955,647	102%	92%	65%	67	22	20.1	6
	July	2,120	10	0	150; 0	6.3	0	1,075	1	0	\$ 41,437,745	103%	91%	68%	69	0	20.7	3
	Aug	1,258	14	0	2270; 0	6.5	0	1,098	7	0	\$ 42,122,353	102%	91%	73%	75	0	22.2	7
	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	6; 0	7.1	0	1,159	1	0	\$ 41,731,365	100%	93%	76%	23	22	33.7	0
Consecutive Months at Green		0	3	5	7	190	47	173	5	10	186	4	4	0	4	0	4	6
Metric Owner		O'Neill	Pugsley	Dean	Dean	Pugsley	Pugsley	Pugsley	Dean	Horchar	Fraraccio	Fraraccio	Fraraccio	Dean	Dean	Howard	Howard	Howard

Metric

Environmental Education
Capital Projects
MFL Compliance

Explanation

The total number of people we educated was ~4% lower than our benchmark for March. We had fewer walk-ins during spring break and we had to cancel ~4% of monthly programs due to low sign-up rates and ~4% due to weather.
We have advanced some projects (e.g., purchase of 14 portable generators approved by the Board last month) this year to offset slower capital spending due to delays on other capital projects. These unintentionally expedited projects account for the yellow color.
The salinity component of the MFL criteria was exceeded on 22 days in March (i.e., the 20-day rolling average of salinity at Kitching Creek mouth exceeded 2.0 ppt). For the month of March, flow over Lainhart Dam was never less than 35 cfs and averaged 40 cfs across the month. For more information, see Bud's report.



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: April 08, 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. Preliminary Assessment – 109 Old Jupiter Beach Road
- B. Preliminary Assessment – 19465 Harbor Road S
- C. Notice Of Intent – 17213 Bush Road
- D. Indiantown Road Gravity Main and Manhole Inspections
- E. Revisions to 31-10 – Harbor Road South Sub-regional Line Charge
- F. Fixed Asset Disposal – to approve disposal
- G. Change Order to Current Contract - to approve modifications
 - G1. R24042/Lift Station 167 – Time Sensitive Change Order
 - G2. R20026/Loxahatchee River Subaqueous Force Main Replacement – Mock Roos Engineering Services – FEC Lease Agreement
 - G3. R20036/Loxahatchee River Subaqueous Force Main Replacement – DBE Construction Contract – FEC Permit Requirements

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 April 17th, 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

CURTIS L.
SHENKMAN
*Board Certified
Real Estate Attorney*

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BONNIE HARRIS
DENISE B. PAOLUCCI
CAROLINA INMAN

Sent by email March 28, 2025

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

Re: Resolution 2025-04 and Preliminary Assessment Roll for 109 OLD JUPITER BEACH ROAD

Dear Dr. Arrington:

Please attach to this letter is Resolution 2025-04, Exhibit "A" Preliminary Assessment Roll, & Exhibit "B" Map & most recent list of property owners as part of the Resolution.

In the Resolution, Sections 2 and 7, the "Board of Adjustment" public hearing and "Governing Board" meeting to confirm the "final" assessment roll is proposed for May 15, 2025. Preparation is necessary of the Notice to be published and mailed out by Friday, May 2, 2025.

A **SUGGESTED MOTION** for the Board at the APRIL 17, 2025 meeting is as follows:
"THAT THE GOVERNING BOARD approve Resolution 2025-04 adopting the
109 OLD JUPITER BEACH ROAD Preliminary Assessment Roll."

Sincerely,

Hunter Shenkman

Hunter Shenkman

LRECD RESOLUTION NO. 2025-04

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO THE **109 OLD JUPITER BEACH ROAD** ASSESSMENT AREA IMPROVEMENTS; ADOPTING THE PRELIMINARY ASSESSMENT ROLL FOR **109 OLD JUPITER BEACH ROAD** ASSESSMENT AREA IMPROVEMENTS AS PREPARED BY THE DISTRICT CLERK AND ATTACHED HERETO AS EXHIBITS “A” AND “B”; AUTHORIZING THE DISTRICT GOVERNING BOARD TO ACT AS THE BOARD OF ADJUSTMENT; PROVIDING FOR THE FURNISHING OF TEN DAYS’ WRITTEN NOTICE TO ALL PROPERTY OWNERS AFFECTED; DIRECTING THAT AN AFFIDAVIT OF PUBLICATION BE OBTAINED; REQUIRING THE FILING OF THE PROOF OF PUBLICATION AND OF THE WRITTEN NOTICE; MAKING REFERENCE TO RESOLUTION NO. **2024-04** PROVIDING FOR THE PUBLICATION OF THE NOTICE OF THE MEETING TO CONSIDER CONFIRMATION OF THE PRELIMINARY ASSESSMENT ROLL; DIRECTING THAT AN AFFIDAVIT OF PUBLICATION BE OBTAINED; REQUIRING THE FILING OF THE PROOF OF PUBLICATION; PROVIDING FOR CONSISTENCY; PROVIDING FOR SEVERABILITY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District” has authorized the sewer improvements to the **109 OLD JUPITER BEACH ROAD** Assessment Area in PALM BEACH County, Florida.

WHEREAS, the Governing Board has considered the presentation of the District Engineer and considered such recommendations to be in accordance with the requests and the best interests of the citizens of the District.

WHEREAS, the Governing Board has considered the improvements to be in accordance with the best interests of the citizens of the **109 OLD JUPITER BEACH ROAD** Assessment Area.

WHEREAS, the District’s previous Resolution **2024-04** was approved by the District’s Governing Board and directed the preparation of the Assessment Roll.

WHEREAS, the District Clerk has prepared the Preliminary Assessment Roll attached hereto as Exhibits “A” and “B”.

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

Section 1. The District adopts the Preliminary Assessment Roll in the form as attached hereto as Exhibits “A” and “B”.

RESOLUTION 2025-04
OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

Section 2. The District Clerk is directed to publish a Notice stating that the District's Governing Board shall act as the **Board of Adjustment** at a hearing to be held on the **15th day of May, 2025 (this is the following board meeting date)** at the District's Governing Board meeting chambers, Jupiter, Florida. Such Notice shall be published at least ten (10) days in advance of such hearing, once in a newspaper published in Martin County and once in a newspaper published in Palm Beach County. Such Notice shall state that at the hearing, the Governing Board will hear objections of all interested persons to the confirmation of such resolution. Such Notice shall state in brief and general terms a description of the improvements with the location thereof and shall also state that plans, specifications, estimates, and the tentative apportionment of cost thereof are on file in the office of the District. The District Clerk is directed to mail a copy of such Notice to each of the affected property owners at least ten (10) days in advance of the hearing.

Section 3. During the Board of Adjustment hearing, such affected property owner may present information to the Governing Board in relation to his Special Assessment and the project, provided that such property owners must submit in writing to the District either prior to or at the time of said meeting of the Board of Adjustment their objections to the Special Assessment.

Section 4. The District Clerk is directed to obtain from the publisher of the newspaper(s) used for publication herein an affidavit confirming the publication of the Notice of the Hearing of the Governing Board as the Board of Adjustment as set forth herein.

Section 5. The District Clerk shall file Proof of Publication and Proof of Written Notice to the affected property owners at the Board of Adjustment hearing.

Section 6. Resolutions No. **2024-04 and 2025-04** of the District shall be a part of the record to be considered by the Governing Board at the aforescribed hearing when the Governing Board sits as the Board of Adjustment.

Section 7. The District Clerk is directed to publish a Notice stating that at the meeting of the Governing Board to be held on **May 15, 2025 (Following Board Meeting date)** at the District Governing Board meeting chambers, Jupiter, Florida, all interested persons may appear and file written objections to the confirmation of the Final Assessment Roll. Such Notice shall be published at least twelve (12) days in advance of such meeting, once in a newspaper published in Martin County and once in a newspaper published in Palm Beach County. Such Notice shall state the class of the improvement and the location thereof by terminal points and route. Such Notice shall also be mailed to those interested parties requesting such in writing.

Section 8. The District Clerk is directed to obtain from the publisher of the newspaper(s) used for publication herein an affidavit confirming the publication of the Notice of the Meeting of the Governing Board to confirm the Final Assessment Roll.

Section 9. All Resolutions or parts of Resolutions in conflict herewith are hereby repealed to the extent of such conflict.

RESOLUTION 2025-04
OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

Section 10. In the event that any portion of this Resolution is found to be unconstitutional or illegal, it shall be severed herefrom without affecting the validity or enforceability of the remaining portions of this Resolution.

Section 11. 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 17th day of **April, 2025.**

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

VOTE

GORDON M. BOGGIE

KEVIN L. BAKER

DR. MATT H. ROSTOCK

STEPHEN B. ROCKOFF

EXHIBIT “A”
PRELIMINARY ASSESSMENT ROLL
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
109 OLD JUPITER BEACH ROAD 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 **109 OLD JUPITER BEACH ROAD** Assessment Area shall be **\$ 17,449.19** per parcel of property in the **109 OLD JUPITER BEACH ROAD** 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.

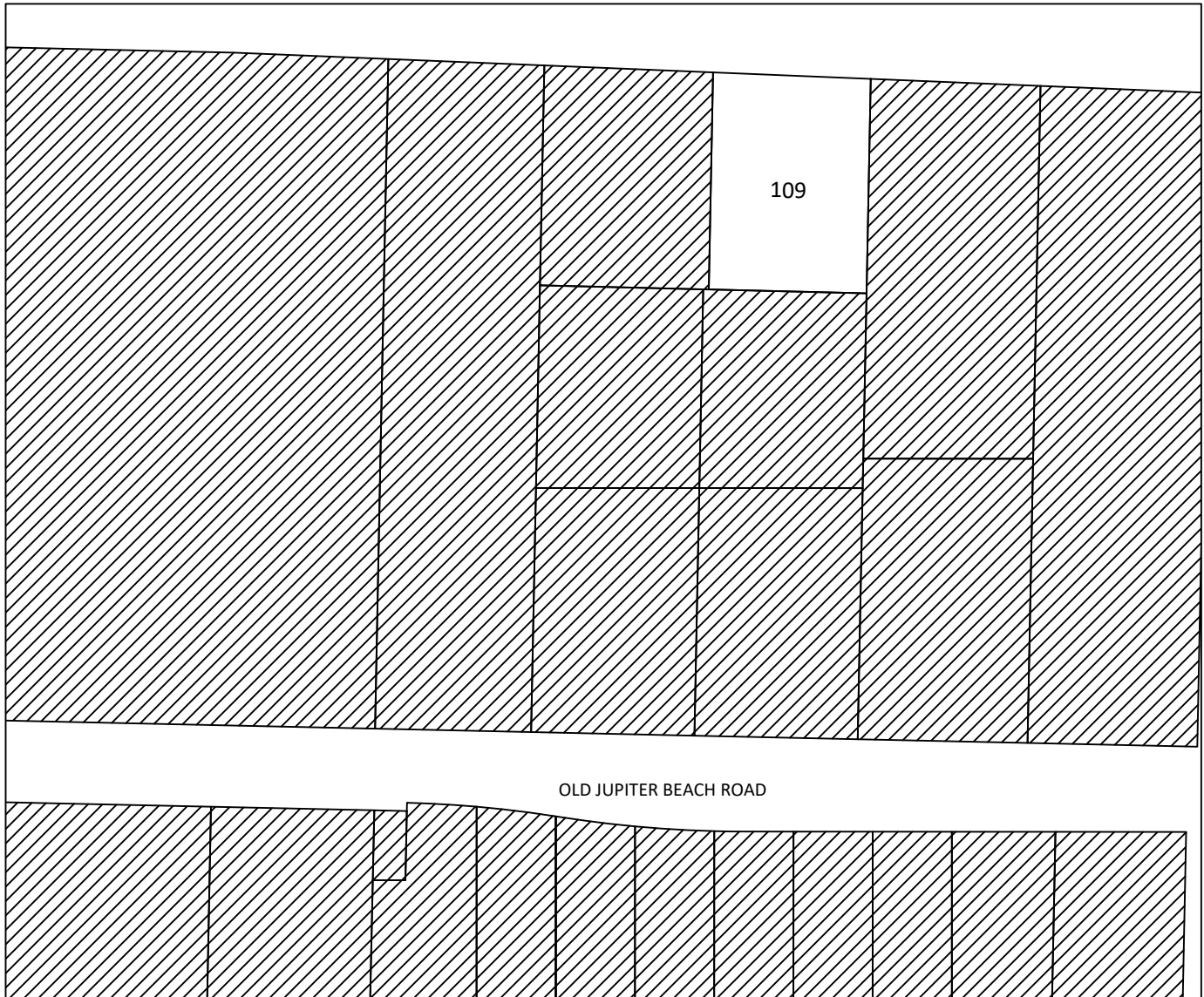
PAYMENT OF ASSESSMENT. As to Parcels of **109 OLD JUPITER BEACH ROAD** Assessment Area Property in EXHIBIT “B”, the **\$ 15,704.27** assessment may be paid, interest free, at the office of the District on or before May 1, 2026.

Owners who do not pay the \$ 15,704.27 assessment on or before May 1, 2026 shall have the \$ 15,704.27 principal added to the tax roll as a non-ad valorem assessment to accrue interest, beginning October 1, 2025, at eight percent (8%) per annum, to be collected in twenty (20) equal annual installments of \$ 1,599.51, commencing with the November 1, 2026 Real Estate Tax Bill.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

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

EXHIBIT B OLD JUPITER BEACH ROAD LOW PRESSURE SEWER SYSTEM



LEGEND

 NOT IN ASSESSMENT AREA

Matthew H & Kerry L Sipowski
109 Old Jupiter Beach Road
Jupiter, FL 33477 5030
re: 109 Old Jupiter Beach Road
30-43-41-06-00-002-0460

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

**HUNTER C.
SHENKMAN**
Attorney

SHENKMAN & SHENKMAN P.A.
ATTORNEY & COUNSELOR AT LAW
2151 S. ALTERNATE A1A, SUITE 1000
JUPITER, FL 33477
561-822-3939 FAX 561-898-2266
HUNTER@PALMBEACHLAWYER.LAW

PARALEGALS
BONNIE HARRIS
DENISE B. PAOLUCCI
CAROLINA INMAN

Sent by email March 28, 2025

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

Re: Resolution 2025-05 and Preliminary Assessment Roll for 19465 HARBOR ROAD S

Dear Dr. Arrington:

Please attach to this letter is Resolution 2025-05, Exhibit "A" Preliminary Assessment Roll, & Exhibit "B" Map & most recent list of property owners as part of the Resolution.

In the Resolution, Sections 2 and 7, the "Board of Adjustment" public hearing and "Governing Board" meeting to confirm the "final" assessment roll is proposed for May 15, 2025. Preparation is necessary of the Notice to be published and mailed out by **Friday, MAY 2, 2025.**

A **SUGGESTED MOTION** for the Board at the April 17, 2025 meeting is as follows:
"THAT THE GOVERNING BOARD approve Resolution 2025-05 adopting the **19465 HARBOR ROAD S** Preliminary Assessment Roll."

Sincerely,

Hunter Shenkman

Hunter Shenkman

LRECD RESOLUTION NO. 2025-05

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO THE **19465 HARBOR ROAD S** ASSESSMENT AREA IMPROVEMENTS; ADOPTING THE PRELIMINARY ASSESSMENT ROLL FOR **19465 HARBOR ROAD S** ASSESSMENT AREA IMPROVEMENTS AS PREPARED BY THE DISTRICT CLERK AND ATTACHED HERETO AS EXHIBITS “A” AND “B”; AUTHORIZING THE DISTRICT GOVERNING BOARD TO ACT AS THE BOARD OF ADJUSTMENT; PROVIDING FOR THE FURNISHING OF TEN DAYS’ WRITTEN NOTICE TO ALL PROPERTY OWNERS AFFECTED; DIRECTING THAT AN AFFIDAVIT OF PUBLICATION BE OBTAINED; REQUIRING THE FILING OF THE PROOF OF PUBLICATION AND OF THE WRITTEN NOTICE; MAKING REFERENCE TO RESOLUTION NO. **2024-04** PROVIDING FOR THE PUBLICATION OF THE NOTICE OF THE MEETING TO CONSIDER CONFIRMATION OF THE PRELIMINARY ASSESSMENT ROLL; DIRECTING THAT AN AFFIDAVIT OF PUBLICATION BE OBTAINED; REQUIRING THE FILING OF THE PROOF OF PUBLICATION; PROVIDING FOR CONSISTENCY; PROVIDING FOR SEVERABILITY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District”) has authorized the sewer improvements to the **19465 HARBOR ROAD S** Assessment Area in **PALM BEACH** County, Florida.

WHEREAS, the Governing Board has considered the presentation of the District Engineer and considered such recommendations to be in accordance with the requests and the best interests of the citizens of the District.

WHEREAS, the Governing Board has considered the improvements to be in accordance with the best interests of the citizens of the **19465 HARBOR ROAD S** Assessment Area.

WHEREAS, the District’s previous Resolution **2024-04** was approved by the District’s Governing Board and directed the preparation of the Assessment Roll.

WHEREAS, the District Clerk has prepared the Preliminary Assessment Roll attached hereto as Exhibits “A” and “B”.

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

Section 1. The District adopts the Preliminary Assessment Roll in the form as attached hereto as Exhibits “A” and “B”.

RESOLUTION 2025-05
OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

Section 2. The District Clerk is directed to publish a Notice stating that the District's Governing Board shall act as the **Board of Adjustment** at a hearing to be held on the **15th day of May, 2025 (this is the following board meeting date)** at the District's Governing Board meeting chambers, Jupiter, Florida. Such Notice shall be published at least ten (10) days in advance of such hearing, once in a newspaper published in Martin County and once in a newspaper published in Palm Beach County. Such Notice shall state that at the hearing, the Governing Board will hear objections of all interested persons to the confirmation of such resolution. Such Notice shall state in brief and general terms a description of the improvements with the location thereof and shall also state that plans, specifications, estimates, and the tentative apportionment of cost thereof are on file in the office of the District. The District Clerk is directed to mail a copy of such Notice to each of the affected property owners at least ten (10) days in advance of the hearing.

Section 3. During the Board of Adjustment hearing, such affected property owner may present information to the Governing Board in relation to his Special Assessment and the project, provided that such property owners must submit in writing to the District either prior to or at the time of said meeting of the Board of Adjustment their objections to the Special Assessment.

Section 4. The District Clerk is directed to obtain from the publisher of the newspaper(s) used for publication herein an affidavit confirming the publication of the Notice of the Hearing of the Governing Board as the Board of Adjustment as set forth herein.

Section 5. The District Clerk shall file Proof of Publication and Proof of Written Notice to the affected property owners at the Board of Adjustment hearing.

Section 6. Resolutions No. **2024-04 and 2025-05** of the District shall be a part of the record to be considered by the Governing Board at the aforescribed hearing when the Governing Board sits as the Board of Adjustment.

Section 7. The District Clerk is directed to publish a Notice stating that at the meeting of the Governing Board to be held on **May 15, 2025 (Following Board Meeting date)** at the District Governing Board meeting chambers, Jupiter, Florida, all interested persons may appear and file written objections to the confirmation of the Final Assessment Roll. Such Notice shall be published at least twelve (12) days in advance of such meeting, once in a newspaper published in Martin County and once in a newspaper published in Palm Beach County. Such Notice shall state the class of the improvement and the location thereof by terminal points and route. Such Notice shall also be mailed to those interested parties requesting such in writing.

Section 8. The District Clerk is directed to obtain from the publisher of the newspaper(s) used for publication herein an affidavit confirming the publication of the Notice of the Meeting of the Governing Board to confirm the Final Assessment Roll.

Section 9. All Resolutions or parts of Resolutions in conflict herewith are hereby repealed to the extent of such conflict.

RESOLUTION **2025-05**
OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

Section 10. In the event that any portion of this Resolution is found to be unconstitutional or illegal, it shall be severed herefrom without affecting the validity or enforceability of the remaining portions of this Resolution.

Section 11. 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 **17th** day of **April, 2025.**

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

VOTE

GORDON M. BOGGIE

KEVIN L. BAKER

DR. MATT H. ROSTOCK

STEPHEN B. ROCKOFF

EXHIBIT “A”
PRELIMINARY ASSESSMENT ROLL
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
19465 HARBOR ROAD SASSESSMENT AREA

TOTAL COSTS AND EXPENSES RELATED TO THE IMPROVEMENTS. The District shall consider the **total** costs and expenses related to the improvements in the **19465 HARBOR ROAD S** Assessment Area shall be **\$ 11,127.41** per parcel of property in the **19465 HARBOR ROAD S** 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.

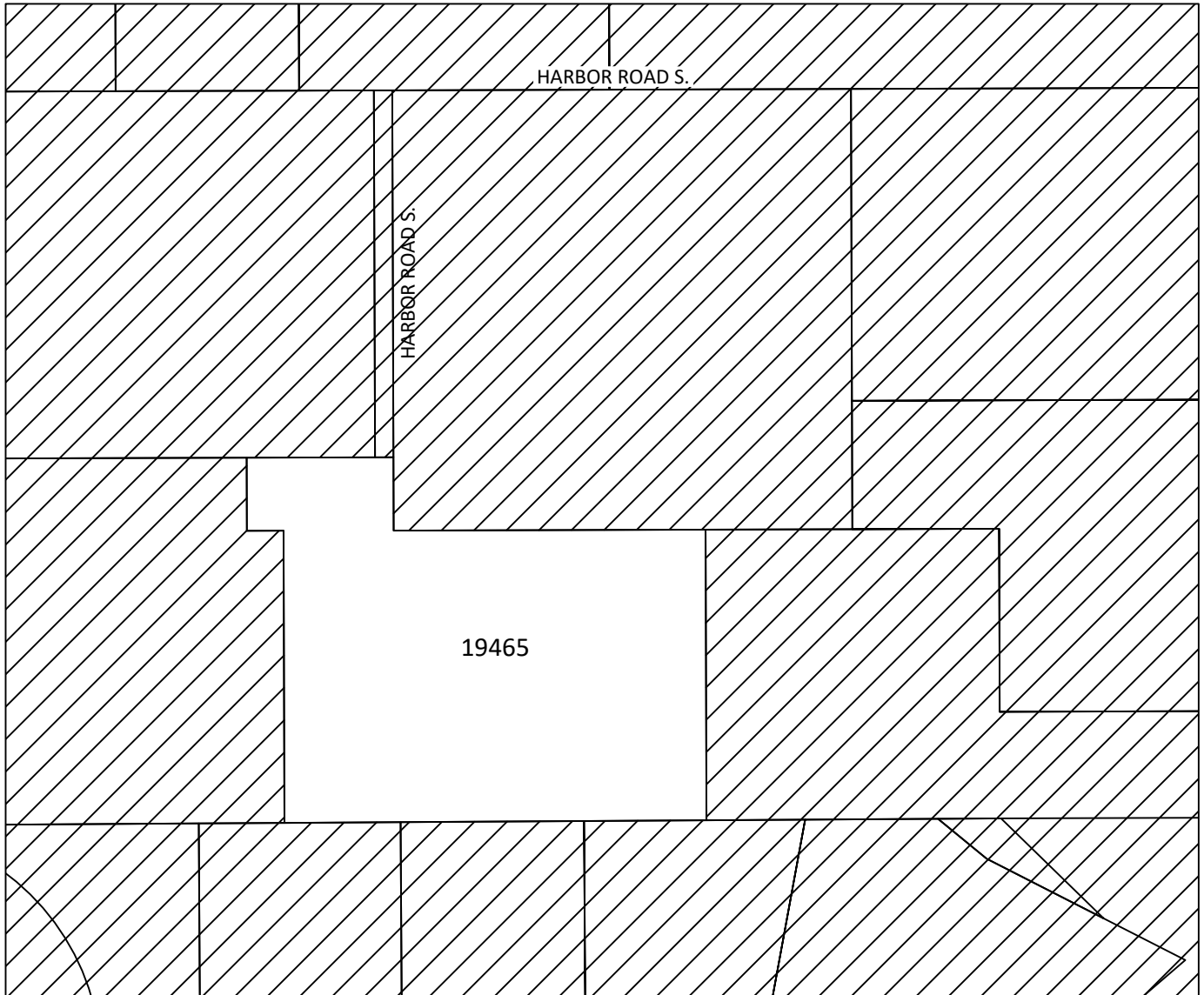
PAYMENT OF ASSESSMENT. As to Parcels of **19465 HARBOR ROAD S** Assessment Area Property in EXHIBIT “B”, the **\$ 10,014.67** assessment may be paid, interest free, at the office of the District on or before May 1, 2026.

Owners who do not pay the \$ 10,014.67 assessment on or before May 1, 2026 shall have the \$ 10,014.67 principal added to the tax roll as a non-ad valorem assessment to accrue interest, beginning October 1, 2025, at eight percent (8%) per annum, to be collected in twenty (20) equal annual installments of \$ 1,020.02, commencing with the November 1, 2026 Real Estate Tax Bill.

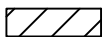
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

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

EXHIBIT B
19465 HARBOR ROAD S.
STATUTORY WAY OF NECESSITY



LEGEND



NOT IN ASSESSMENT AREA

Kevin W. & Linda Gallant
1079 Faulkner Terrace,
Palm Beach Gardens, FL 33418 6060
re: 19465 Harbor Road S, Jupiter, FL 33469
00-43-40-30-00-003-0030

CURTIS L.
SHENKMAN
*Board Certified
Real Estate Attorney*

Hunter C.
SHENKMAN
Attorney

SHENKMAN & SHENKMAN P.A.
ATTORNEY & COUNSELOR AT LAW
2151 S. ALTERNATE A1A, SUITE 1000
JUPITER, FL 33477
HUNTER@PALMBEACHLAWYER.LAW

LEGAL ASSISTANTS
BONNIE HARRIS
DENISE B. PAOLUCCI
CAROLINA INMAN

Sent by email 28 March, 2025

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

Re: **Initial Resolution for 17213 Bush Road Assessment Area**

Dear Dr. Arrington:

Per your request, please attach to this letter the Pending Lien Notice, Notice of Intent to Assess, Resolution 2025-06, the PROPOSED "Exhibit B Description of Improvements", "Exhibit B Map of the **17213 Bush Road Assessment Area**", and preliminary List of Property Owners.

A **SUGGESTED MOTION** for the Board to consider is:

"THAT THE GOVERNING BOARD approve Resolution 2025-06, the NOTICE OF INTENT to Assess, the Pending Lien Notice, and the Exhibits for the **17213 Bush Road Assessment Area**."

I will bring the originals to be signed at the Governing Board meeting, and leave them for the District to electronically record in the Public Records.

Sincerely,

Hunter Shenkman

Hunter C. Shenkman

Prepared: Hunter Shenkman, Esq.
Shenkman & Shenkman P.A.
2151 S. Alternate A1A, Suite 1000
Jupiter, Florida 33477

PENDING LIEN NOTICE
17213 BUSH ROAD ASSESSMENT AREA

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, created in 1971 and existing pursuant to Chapter 2021-249, Laws of Florida (hereinafter referred to as the “District”, hereby clarifies the lien status of the “Notice of Intent to Assess” attached hereto and made a part hereof (referred to as the “Pending Lien”).

The Pending Lien shall not be considered certified, confirmed or ratified until such time as the passage of the Final Assessment Roll Resolution of the District.

The intention of the District in publishing this Pending Lien Notice is to assist the property owners who may be selling or refinancing their property and parties who may be placing a mortgage on their property to do so knowing that the District is not seeking the payment of any funds on the Pending Lien until the non-ad valorem tax bill is issued for the property on the date set forth in the Final Assessment Roll Resolution of the District.

Any inquiries as to the Pending Lien and the timing for the Final Assessment Roll Resolution and payment of said special assessments should be directed to:

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, herein certifies that on this 17th day of April 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

[DISTRICT SEAL]

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

STATE OF FLORIDA
COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me this 17th day of April 2025, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, on behalf of the District, personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

RETURN TO:
Loxahatchee River District
2500 Jupiter Park Drive
Jupiter, FL 33458

**NOTICE OF INTENT TO ASSESS
17213 BUSH ROAD ASSESSMENT AREA**

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida (the “District”) **created in 1971 and existing pursuant to Chapter 2021-249, Laws of Florida**, (the “Act”), hereby gives public notice that the District’s Governing Board on the 17th day of April, 2025, passed Resolution **2025-06**, authorizing the construction of certain local sewer improvements as further described in said Resolution **2025-06**, which is attached hereto as Exhibit “A”. It is the intent of the District to assess the owners of property specially benefited by such sewer improvements, which property is further described on the attached **Exhibit “B”**, and to apportion the District’s costs for the total expenses related to the design and construction of said improvements, based upon each owner’s proportionate share of said costs determined upon a square footage basis, or by other methods as the Governing Board may deem fair and equitable, pursuant to the Act and Rules of the District, as same may be amended from time to time hereafter.

Any inquiries to the District’s progress in completing certification of said assessments should be directed to:

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
2500 Jupiter Park Drive
Jupiter, Florida 33458

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, hereby certifies on this 17th day of April, 2025, that the information contained herein is true and accurate.

WITNESSES:

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

D. Albrey Arrington, Ph.D.
Executive Director

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

STATE OF FLORIDA
COUNTY OF PALM BEACH

SWORN TO and subscribed before me by means of physical presence this 17th day of April, 2025, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, who is personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

RESOLUTION 2025-06

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO 17213 BUSH ROAD ASSESSMENT AREA IMPROVEMENTS IN ACCORDANCE WITH DISTRICT RULE 31-11; STATING THE NATURE OF THE PROPOSED IMPROVEMENTS; DESIGNATING THE STREETS TO BE IMPROVED; DESIGNATING THAT PLANS, SPECIFICATIONS, AND A TENTATIVE APPORTIONMENT BE PREPARED; PROVIDING FOR THE AVAILABILITY OF PLANS AND SPECIFICATIONS AND FOR THE PREPARATION OF THE PRELIMINARY SPECIAL ASSESSMENT ROLL; PROVIDING FOR DECLARING LINE AVAILABLE FOR CONNECTION; PROVIDING FOR CONSISTENCY; PROVIDING FOR SEVERABILITY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District”) has considered the need for improvements to the 17213 BUSH ROAD Assessment Area (the “Area”) in Palm Beach County, Florida;

WHEREAS the District shall construct and declare available sewerage collection lines and related appurtenances comprising a localized District sewer system in the Area as an Established Residential Neighborhood based upon the Governing Board’s determination of any of the following:

- (1) n/a; or
- (2) that a reasonable alternative to the septic tanks exists for the treatment of the sewerage, taking into consideration factors such as cost; or
- (3) the discharge from the septic tanks is adversely affecting the health of the user or the public, or the groundwater or surface water is degraded; or
- (4) to enhance the environmental and scenic value of surface waters.

WHEREAS, the Governing Board has considered the facts, evidence, and presentations of the District Engineer, District staff and consultants as to the need for sanitary sewers in the Area and considered such recommendations to be in accordance with the above referenced Criteria of the “Ellis Rule” as well as in the best interests of the citizens of the District and the citizens of this Area.

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

Section 1. Title:

This Resolution shall be known as the Resolution Authorizing the Project known as “17213 BUSH ROAD ” Assessment Area Improvements”.

Section 2. Nature of Improvements:

The project improvements shall consist of the construction of a wastewater and sewage system within lands under the jurisdiction of the District. The proposed improvements performed shall generally consist of those set forth on Composite Exhibit “B”.

Section 3. Designation of Streets to be Improved:

The streets included within the 17213 BUSH ROAD Assessment Area Improvements are set forth on Composite Exhibit “B”.

Section 4. Plans, Specifications and Tentative Apportionment:

Upon adoption of this Resolution, The District Engineers and staff shall prepare plans, specifications and estimated total costs of such proposed improvements, together with a tentative apportionment of such costs between the District and individual parcels of property receiving special benefits pursuant to the improvements.

Section 5. Public Inspection:

The Plans, Specifications and tentative apportionments for the 17213 BUSH ROAD Assessment Area Improvements shall be available for inspection in the Office of the Executive Director, Loxahatchee

River Environmental Control District, 2500 Jupiter Park Drive, Jupiter, Florida 33458. The District's Engineer shall make available said plans and specifications prepared incident thereto, for inspection in the Office of the District's Engineer.

Section 6. Assessment Roll:

The District Clerk is directed to prepare a Preliminary Assessment Roll based upon this Resolution, District Rule 31-11, and the District Engineer's tentative apportionment, and to make publication of notice in newspapers in Martin and Palm Beach Counties, together with notice mailed to those interested parties and affected property owners requesting such in writing, in accordance with the requirements of District Rule 31-11.

Section 7. Availability for Connection and Required Connection:

The wastewater and sewerage system shall be "Available" for connection in accordance with District Rule 31-3.003(3) and Florida Statutes 381.0065(2)(a) when the Florida Department of Health releases the system for service, 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 8. All Resolutions or parts of Resolutions in conflict herewith are hereby repealed to the extent of such conflict.

Section 9. In the event that any portion of this Resolution is found to be unconstitutional or improper, it shall be severed herefrom and shall not affect the validity of the remaining portions of this Resolution.

Section 10. 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 17th DAY OF APRIL 2025.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

VOTE

GORDON M. BOGGIE

KEVIN L. BAKER

DR. MATT H. ROSTOCK

STEPHEN B. ROCKOFF


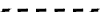

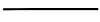
EXHIBIT B

17213 BUSH ROAD

GRAVITY SEWER SYSTEM



LEGEND

-  NOT IN ASSESSMENT AREA
-  EXISTING 8" GRAVITY MAIN
-  EXISTING MANHOLE
-  NEW GRAVITY SERVICE

3/19/2025

JUPITER, FLORIDA

EXHIBIT “B”

PROPOSED SEWER SERVICE ASSESSMENT AREA

17213 BUSH ROAD ASSESSMENT AREA

The property to be provided sewer service is located within Section 03, Township 41 South, Range 42 East, Jupiter, Palm Beach County, Florida and lies within the following general boundaries:

On the North by W Indiantown Rd,
On the South by Toney Penna Drive,
On the East by Maplewood Drive and
On the West by S Central Boulevard.

The approximate quantity of materials required to complete the project are:

1 Gravity Sewer Service

William & Monica Mathews
17213 Bush Road
Jupiter, FL 33458 5100
Re: 17213 Bush Road
30-42-41-03-04-000-0112



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.
FROM: Kris Dean, P.E., Deputy Executive Director
DATE: April 10, 2025
SUBJECT: Lift Station 001 Gravity System Rehabilitation – Indiantown Road Gravity Sewer Condition Assessment

As part of the District's rehabilitation and replacement program we have identified the collection system for Lift Station 001 for inspection and rehabilitation. A part of the program for the rehabilitation of this system a detail inspection needs to be performed in the Indiantown Road corridor from Alternate A1A to Pennock Lane. Staff engaged a consultant, Holtz Consulting Engineers, to perform a condition assessment of this portion of the Lift Station 001 system and coordinated the attached work authorization under the continuing contract entered into under RFQ 20-001-PROFSERVICES.

The District will perform bypass of the system during the inspections which will be performed at night over the course of 20 days. The consultant will perform MOT, gravity line and manhole inspections, technical memorandum and recommendations, with costs estimates, for any required repairs. This technical memorandum will be used in budget and contract efforts as part of planned system rehabilitation beginning in FY29.

Staff recommend the following motion:

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to enter into Work Authorization 2025-1 with Holtz Consulting Engineers in the amount of \$169,962.50 and a contingency amount of \$17,000.00.”

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

**AGREEMENT BETWEEN
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
AND HOLTZ CONSULTING ENGINEERS, INC.
FOR PROFESSIONAL ENGINEERING SERVICES**

INDIANTOWN ROAD GRAVITY SEWER CONDITION ASSESSMENT

WORK AUTHORIZATION: 2025-1

BACKGROUND

This Agreement is for the performance of engineering services by Holtz Consulting Engineers, Inc. (HCE) pursuant to the RFQ 20-001-PROFSERVICES/Continuing Contract for Professional Engineering Services between Loxahatchee River District (District) and HCE dated October 16, 2020, hereafter referred to as the Contract.

This project includes the professional consulting services related to the evaluation of the existing 36" and 8" gravity sewer mains stretching east/west along W. Indiantown Road between Pennock Lane and Alternate A1A and associated gravity sewer manholes. Specifically, the existing 36" sewer main and 8" sewer main (located immediately above the 36" main) shall be evaluated herein including any lateral lines located on the 8" sewer main. It is assumed that no laterals are located on the 36" sewer main. The referenced section of gravity sewer includes approximately 20 manholes for which evaluation shall also be performed.

HCE will provide an assessment of the existing system and based upon the assessment, shall provide recommendations for restoration/replacement including a preliminary cost estimate for the recommended improvements to the system.

The following is a detailed description of the engineering services to be provided.

SCOPE OF WORK

The District has requested comprehensive professional engineering services from HCE to provide a sewer system evaluation of the aforementioned gravity sewer system. Specific tasks are detailed below.

1. Task 1 – Project Administration and Field Support
2. Task 2 – National Water Main Cleaning Company NASSCO Condition Assessment
3. Task 3 – Technical Memorandum - Sewer System Evaluation and Cost Estimating

TASK 1 – PROJECT ADMINISTRATION AND FIELD SUPPORT

HCE shall schedule, prepare agenda/minutes, and attend a project kickoff meeting with the proposed subconsultant, National Water Main Cleaning Company (NWMCC), and the District to review project scope, project coordination, field details, permitting requirements, project goals/limitations/requirements, scheduling/MOT, and miscellaneous project details prior to NWMCC mobilizing to begin inspection work. HCE shall review all available record drawings and GIS data prior to NWMCC's mobilization to clearly define project limits, evaluate necessary shutdown requirements, and to prepare a schedule for field work which complies with specific project requirements/goals and District shutdown limitations/requirements.

TASK 2 – NATIONAL WATER MAIN CLEANING COMPANY - NASSCO CONDITION ASSESSMENT

HCE's subconsultant, NWMCC, shall clean the approximately 5,100 linear feet of existing 36-inch gravity sewer as necessary prior to performing video survey of the referenced 36" gravity sewer to assess the condition of the pipelines and to verify the connectivity, pipe size, and material of the existing system. Cleaning, video, and condition assessment shall follow the National Association of Sewer Service Companies (NASSCO) Pipeline Assessment Certification Program (PACP) standards and formatting. If NWMCC video survey equipment is capable of traversing the pipeline without prior cleaning of the 36" gravity sewer, no cleaning shall be performed. Spot cleaning shall be performed as necessary throughout the 36" gravity sewer at the proposed unit price per linear foot cleaned.

HCE's subconsultant, NWMCC shall clean and video the approximately 5,100 linear feet of existing 8-inch gravity sewer to assess the condition of the pipelines and to verify the connectivity, pipe size, and material of the existing system. Cleaning, video, and condition assessment shall follow the National Association of Sewer Service Companies (NASSCO) Pipeline Assessment Certification Program (PACP) standards and formatting.

HCE's subconsultant, NWMCC, shall remove and dispose of non-hazardous debris collected during cleaning efforts within the gravity sewer system including removal/collection of vegetative growth, sand/grit, rocks, larger objects, heavy rags, etc. Normal sanitary sewer debris (human waste, toilet paper, etc.) shall not be removed unless necessary to perform the inspection. Disposal shall be performed at the unit price per cubic yard of debris disposed as necessary.

Following completion of the PACP inspection, NWMCC shall perform inspection of all laterals encountered on the 8" gravity sewer main using the NASSCO Lateral Assessment Certification Program (LACP) standards and formatting. Surveying of the initial 30 linear feet of each lateral shall be included within the unit price per each lateral surveyed. Any linear footage beyond the initial 30 linear feet of each lateral shall be surveyed as requested at the proposed unit price per additional linear foot surveyed.

In conjunction with PACP and LACP condition assessment, HCE's subconsultant, NWMCC shall perform manhole inspections/evaluations in accordance with NASSCO's Manhole Assessment Certification Program (MACP) Level II standards/formatting. Each manhole shall be individually inspected and videotaped to review and document existing conditions and for identification of existing visible defects. Digital data collected via videotaping shall be reviewed off-site for preparation of the formal NASSCO report. Confined space entry shall be performed as necessary to supplement digital video inspection. The information obtained as part of the MACP inspection will be utilized in Task 3 to provide a recommendation for any needed repairs/replacement of existing manholes. A video and written NASSCO inspection report (using standard NASSCO forms/coding) shall be provided to the District upon completion of this task and shall be included as a part of the technical memorandum produced under Task 3.

HCE and subconsultant NWMCC shall apply for, obtain, maintain, and closeout necessary Florida Department of Transportation (FDOT) Maintenance of Traffic (MOT) permits as necessary for performance of all condition assessment work. It is assumed that all site work shall take place during evening hours and that site work shall require a minimum of one traveling lane closure.

The information obtained as part of the gravity sewer pipe assessment will be utilized in Task 3 to provide a recommendation for any needed repairs/replacement of existing gravity sewer pipe and/or laterals. A video and written NASSCO inspection report (using standard NASSCO forms/coding) shall be provided to the District upon completion of this task and included as part of the technical memorandum produced under Task 3.

HCE shall provide an on-site field construction inspector to perform part-time observation of PACP, LACP, and MACP field operations. It is assumed that site visits shall require 4-hrs per night over the course of 20 working nights. The field inspector shall make general observations relating to MOT setup, shutdown coordination, and quantities completed.

TASK 3 – TECHNICAL MEMORANDUM – SEWER SYSTEM EVALUATION AND COST ESTIMATING

Following completion of Task 2, HCE shall review final PACP, LACP, and MACP reports and shall evaluate the existing gravity sewer system for necessary rehabilitation and/or replacement improvements. Preliminary figures shall be prepared showing locations of proposed improvements as well as conceptual detailing of proposed improvements. A budgetary cost estimate shall be prepared for proposed improvements. A draft Technical Memorandum (TM) shall be prepared summarizing findings from the gravity sewer and manhole condition assessment and subsequent evaluation for necessary repairs. HCE shall meet with District staff to review the draft TM and shall incorporate comments from the District into the final TM to be submitted to the District.

DELIVERABLES

TASK	DELIVERABLE	QUANTITY
Task 1 – Project Administration	Kickoff Agenda/Minutes Inspection Schedule	Digital (PDF)
Task 2 – NASSCO Services	Electronic copies of Inspection Reports and Videos	Digital (PDF & mp4)
Task 3 – Technical Memorandum	Draft and Final Copies of the Technical Memorandum	Digital (PDF)

TIME OF COMPLETION

HCE shall complete the project as outlined below in the project schedule. Notice to Proceed date will be established by HCE as outlined in a master schedule provided to the District under separate cover.

- Task 1 – Project Administration – Concurrent with Project
- Task 2 – NASSCO Services – 8 weeks from Notice to Proceed (NTP)
- Task 3 – Technical Memorandum
 - Draft TM – 5 weeks after the completion of Task 2
 - Final TM – 2 weeks after receipt of comments on the draft TM

SCHEDULE OF FEES

Proposed labor costs for engineering services are tabulated below and detailed in Attachment A. The total not-to-exceed contract value is **\$169,962.50**. Contract shall be paid based upon the actual quantity of units performed/provided.

Task	Quantity	Unit	Unit Price	Engineering Fee
Task 1 – Project Administration	1	Lump Sum	\$9,615.00	\$9,615.00
Task 2a – Cleaning of 36” Gravity Sewer	5,100	Linear Feet	\$10.50	\$53,550.00
Task 2b – PACP of 36” Gravity Sewer	5,100	Linear Feet	\$2.10	\$10,710.00
Task 2c – Clean/PACP of 8” Gravity Sewer	5,100	Linear Feet	\$3.15	\$16,065.00
Task 2d – Debris Disposal w/in 36” Gravity Sewer	15	Cubic Yards	\$84.00	\$1,260.00
Task 2e – LACP on 8” Gravity Sewer (Initial 30’)	50	Each	\$525.00	\$26,250.00
Task 2f – LACP on 8” Gravity Swer (Add. linear footage)	1,250	Linear Feet	\$5.25	\$6,562.50
Task 2g – MACP	20	Each	\$262.50	\$5,250.00
Task 2h – FDOT Nightly MOT	20	Night	\$525	\$10,500.00
Task 2i – Site Visits and Field Support (Construction Inspector)	80	Hour	\$135	\$10,800.00
Task 2j – Site Visits and Field Support (Senior Project Engineer)	20	Hour	\$130	\$2,600.00
Task 3 – Technical Memorandum – Sewer System Evaluation and Cost Estimating	1	Lump Sum	\$16,800.00	\$16,800.00
TOTAL				\$169,962.50

ASSUMPTIONS

1. LRD will provide access to the facilities and copies of all available information regarding the existing gravity sewer system.
2. No hydraulic modeling, design drawings or specifications, or permitting is included as part of this scope.
3. It is assumed that no laterals exist off of the 36" gravity sewer main.
4. No evaluation of northbound/southbound gravity sewer branches tying into the aforementioned gravity sewer system shall be performed.
5. LRD shall assist in providing a minimum of 6 cumulative hours of active inspection time per evening (ie. LRD shall facilitate system shutdowns for the 36" gravity sewer of at least 6 cumulative hours per evening). HCE/NWMCC acknowledge that upstream lift stations will require intermittent pumping throughout the night. It is anticipated that upstream lift stations shall be collectively shut-off for a minimum of 6 cumulative hours. All work is proposed to be completed between 9 PM and 6 AM.
6. No vac-truck services are included herein. LRD shall furnish vac-truck services as necessary to draw down any surcharged manholes to facilitate MACP inspection.
7. LRD shall provide water service for filling gravity sewer inspection equipment nearby the gravity sewer inspection site. Inspection equipment is estimated to be a 1,000 gallon trailer mounted tank to be used as a mobile water source for cleaning gravity sewer in preparation for closed-circuit television inspection. Equipment is expected to require multiple fill-ups each night.

This Authorization is accepted, subject to the terms, conditions and obligations of the aforementioned Contract.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

By: _____
D. Albrey Arrington Ph.D., Executive Director

Date

HOLTZ CONSULTING ENGINEERS, INC.

By: _____
Christine Miranda, P.E., Vice President

Date

Loxahatchee River Environmental Control District
Attachment A - Indiantown Road Gravity Sewer Condition Assessment

		Principal	Senior Project Manager	Senior Project Engineer (PE)	Designer	Construction Manager	Administrative Support	Subconsultant	Item Cost (Note Subconsultant fee is marked up 5%)		Task Cost	
Rate		\$190	\$170	\$130	\$110	\$135	\$70	-				
Task	Item	Hours							Fees			
Task 1 - Project Administration	Kickoff Meeting		2	2					\$600	\$600.00		\$9,615.00
	Review of Available Record Information		2	4					\$860	\$860.00		
	Coordination with Subs		6	12					\$2,580	\$2,580.00		
	Project Coordination	2	6	20					\$4,000	\$4,000.00		
	NWMCC Mobilization							\$1,500.00	\$0	\$1,575.00		
Task 2 - NASSCO Services	2a -Clean 36" Gravity Sewer (Assume 5,100 Linear Feet @ \$10 per foot)							\$51,000.00	\$0	\$53,550.00		\$143,547.50
	PACP of 36" Gravity Sewer (5,100 Linear Feet @ \$2 per foot)							\$10,200.00	\$0	\$10,710.00		
	Clean and PACP of 8" Gravity Sewer (5,100 Linear Feet @ \$2 per foot)							\$15,300.00	\$0	\$16,065.00		
	Debris Disposal w/in 36" Gravity Sewer (15 Cubic Yards @ \$80 per cubic yard)							\$1,200.00	\$0	\$1,260.00		
	LACP on 8" Gravity Sewer (50 Lateral Services @ \$50 per Lateral Inspected, Initial 30' of Lateral)							\$25,000.00	\$0	\$26,250.00		
	LACP on 8" Gravity Sewer (\$5 per Linear Foot beyond initial 30' of lateral, Assume up to 1,250 linear feet)							\$6,250.00	\$0	\$6,562.50		
	MACP (20 Manholes @ \$250 per Manhole Inspected)							\$5,000.00	\$0	\$5,250.00		
	FDOT Maintenance of Traffic (20 Nights @ \$500 each)							\$10,000.00	\$0	\$10,500.00		
	Site-visits and Field Support (Assume 20 working nights @ 4 hrs per night)			20		80			\$13,400	\$13,400.00		
Task 3 - Technical Memorandum	Coordination with Vendors	1	4	8					\$1,910	\$1,910.00		\$16,800.00
	Review of NASSCO Inspection Reports	1	6	16					\$3,290	\$3,290.00		
	Conceptual Drawings/Figures		6	8	8				\$2,940	\$2,940.00		
	Draft Technical Memorandum	2	8	40					\$6,940	\$6,940.00		
	Final Technical Memorandum		4	8					\$1,720	\$1,720.00		
		4	28	80	8	0	0	Sub				
								\$125,450.00				
								HCE				
								\$44,513				
									Total Engineering Fee		\$169,962.50	



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

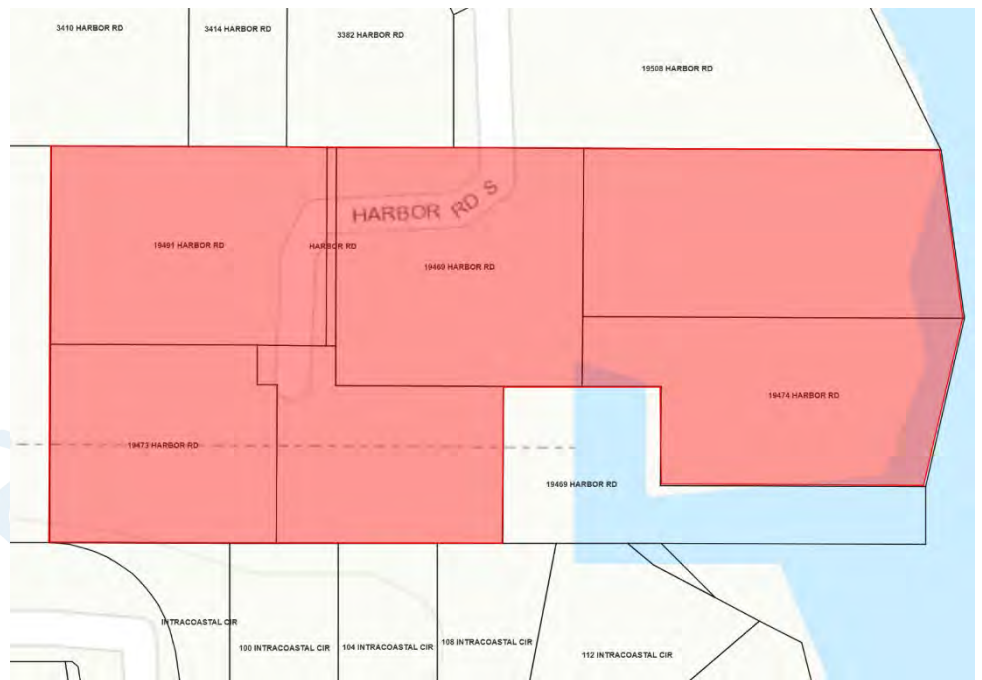
loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D., Executive Director
FROM: Kris Dean, P.E., Deputy Executive Director
DATE: April 10, 2025
SUBJECT: Chapter 31-10 – Harbor Road South Subregional Line Charge

Staff have designed, permitted, and constructed a low pressure sewer collection and transmission system to serve Harbor Road South. This system has capacity to serve 6 lots on Harbor Road South as shown in the adjacent figure.

Because of the sequence of facility design and construction, this project, essentially a low pressure force main and associated appurtenances, is proposed to be paid for using our subregional line charge mechanism, i.e., LRD Rule Chapter 31-10.005(5). Previously, we have implemented eight subregional line charges (i.e., 31-10.005(5)(a - h)), and this will be our ninth (31-10.005(5)(i)).



In order to equitably distribute costs for the Harbor Road South subregional collection and transmission system, staff have quantified the number of equivalent connections (~wastewater flow) the Harbor Road South Subregional Collection Facilities will likely serve. Based on the best available information, LRD staff have determined the Harbor Road South Subregional Collection Facilities will serve 10.5 equivalent connections; six properties each with 4 or more toilets).

When we divide the cost of the Harbor Road South Subregional Collection Facilities (\$10,133.03) by the number of equivalent connections those facilities will ultimately serve (10.5 equivalent connections), we find the Harbor Road South Subregional Collection Facilities cost is \$965.05 per equivalent connection.

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Therefore, Staff have drafted proposed revisions to Rule 31-10.005(5) incorporating the Harbor Road South Subregional Line Charge at \$965.05 per equivalent connection. Pursuant to existing rule language, subregional line charges are adjusted annually based on the 10-Year Treasury Rate published by the US Department of Treasury on February 1st. To facilitate your review, we have provided the suggested revisions to LRD Rule 31- 10.005(5) in red below.

No action is necessary this month. Next month (May 15, 2025) we will hold a Public Hearing on this matter, and you will have an opportunity to take official action to implement and incorporate this subregional line charge into Chapter 31-10 Schedule of Rates, Fees, and Charges.

Proposed text to be added to Chapter 31-10.5(5):

(i) Harbor Road South Subregional Line Charge for Harbor Road South Subregional Collection Facilities. The rate of the Harbor Road South Subregional Line Charge shall be \$965.05 per Equivalent Connection. Commitment of service shall not exceed those total capacity limitations as authorized for commitment by the Governing Board of the District. The full amount of the Subregional Line Charges shall be due and payable at the time commitment of service is made, except those buildings or structures having certificates of occupancy prior to the date this facility is deemed available, may finance this Subregional Line Charge over twenty (20) years at a fixed interest rate equal to the current Wall Street Journal Prime Rate plus two (2.0%) percent, but not to exceed 8%, existing at the time commitment of service is made, with no prepayment penalty, to be collected by Non-Ad Valorem tax roll.



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: April 10, 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. 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 item listed below:

<u>Description</u>	<u>Serial Number</u>	<u>Condition</u>	<u>Estimated Value</u>
2 HP Barnes Pump	C1790534-0716	Beyond Repair	\$50

The item listed in the schedule above is no longer of use to the District and is considered Surplus. The asset 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 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



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: April 17, 2025
SUBJECT: ITB 24-006-00136 / PO #24-0911 – Project #R24042 –
Lift Station No. 167 Rehabilitation – Time Sensitive Change Order

At the March 2025 Board Meeting, the Board approved the one-year term renewal (June 2025 – June 2026) for ITB #24-006-00136 General Electrician Services. The funds for this renewal are not available for use until June 2025 under PO #25-0661. The current initial one-year term for this contract (June 2024 – June 2025) under PO #24-0911 had \$2,759.51 remaining, which was insufficient funds to cover the requested time sensitive change order. The District is currently engaged in an ongoing rehabilitation project at Lift Station No. 167. During construction, the existing electrical service to the station was found to be in between the existing valve vault and wet well and in conflict with the proposed wet well riser to be installed as part of the rehabilitation. The project is being completed under ITB #24-003-00133 Lift Station General Construction Services contract, which includes a line item for new control panel rack installation including relocation of the electrical service within 25' of the existing control panel rack. The project intended to use this line item to relocate the electrical service around the valve vault and install a junction box to connect to the remaining existing electrical service to the transformer; however, during testing, the conductors from the transformer failed the insulation test and a junction box would not be permitted by FP&L. The time sensitive change order approved by the Executive Director is to replace the existing electrical service from the transformer to the control panel under ITB 24-006-00136 – General Electrician Services contract / PO #24-091.

Attached are the requisition and email notification sent to the Board with approval by the Executive Director. This memo is included for informational purposes only.

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Courtney Jones

From: Albrey Arrington
Sent: Thursday, April 3, 2025 9:24 AM
To: Kris Dean
Cc: Courtney Jones; Curtis Shenkman; hunter@palmbeachlawyer.law
Subject: FW: DRAFT: IMPORTANT: Time-Sensitive Change Order (R24042 LS167 Rehab)
Attachments: LS167 Rehabilitation_Relocate Electrical Service_R24042_20250401.xlsx; 24-0006-04 - LS#167 - RCO#1 - R1 - Relocate Electrical Service.pdf; RE: 24-0006-04 - LS#167 - RCO#2 - Upgrade Panel Rack

Importance: High

Kris, Courtney, Curt, and Governing Board (by Blind Copy),

This morning I approved a time-sensitive change order in the amount of \$13,099.77 to Hinterland Group for relocation of the electrical service to Lift Station 167 (see emails below and the attached documents). This work is part of a larger rehabilitation project at Lift Station 167, which is being conducted under our general services contract and purchase order with Hinterland, which are Board-approved. We do not have sufficient funds remaining in this purchase order to fully fund this additional work, so we need to obtain Board approval.

We are in the midst of this important project. This work was unanticipated based on the information we had when planning this rehab; nonetheless, this work needs to be conducted. Because the contractor is physically onsite doing the work, we believe it is in the District's best interest to use our time-sensitive change order protocol to approve this change order and keep the work moving forward. This email is being provided to accommodate the requirement of our time-sensitive change order process to notify the Board within 24 hours of approval.

This item will be included in the Board Notebook that will be distributed later this week.

Please give me or Kris a call if you have any questions or concerns,
Albrey

PS For your convenience: **Purchasing Policy Section 2.10(5)** *"The Executive Director is authorized to approve individual Change Orders not to exceed \$250,000 that are deemed by the Executive Director to be time-sensitive and in the best interest of the District. Any Time-Sensitive Change Order also must be approved by the Deputy Executive Director or a Division Director. Within 24 hours of approval of a time-sensitive Change Order, the Executive Director shall notify the Board, via email, of the conditions and circumstances justifying the time-sensitive designation and approval. Furthermore, the Executive Director will present the time-sensitive Changer Order and supporting documentation to the Governing Board at their next regularly scheduled public meeting."*

From: Kris Dean <Kris.Dean@lrecd.org>
Sent: Wednesday, April 2, 2025 10:21 AM
To: Albrey Arrington <albrey@lrecd.org>
Cc: Courtney Jones <courtney.jones@lrecd.org>

Vendor Name:		Hinterland Group, Inc.		REQUISITION FORM			
Address:		2051 W Blue Heron Blvd					
Address:		Riviera Beach, FL 33404		DATE OF REQUISTION:		4/1/2025	
Phone:		561-640-3503		WORK ORDER NUMBER:			
Email:		crogers@hinterlandgroup.com		G/L, CAP, R&R ACCOUNT #:		Project No. R24042	
Vendor Rep		Chase Rogers		G/L, CAP, R&R ACCOUNT #:		PO #24-0911	
SHIP TO:		LRECD		QUOTE NUMBER:			
2500 Jupiter Park Drive Jupiter, FL 33458				QUOTE DATE:			
				QUOTE EXPIRATION:			
PURPOSE: Project #R24042 - LS167 Rehab - Electrical service to station needs to be relocated and this work is to be completed under #24-006-00136 General Electrician Services							
REQUESTED BY:				DATE REQUIRED:		DEPARTMENT:	
Courtney Jones				4/1/2025		Collections	
QUANTITY	UNITS	ITEM NUMBER/CO DE	ASSET ID	PART OR SERVICE DESCRIPTION		PRICE	EXTENDED AMOUNT
9	HR	1	R24042	Master Electrician		\$300.00	\$2,700.00
17	HR	2	R24042	Journeyman Electrician		\$250.00	\$4,250.00
17	HR	3	R24042	Apprentice/Electrician Helper		\$210.00	\$3,570.00
3	HR	4	R24042	Project Manager		\$225.00	\$675.00
1	LS	PERMIT	R24042	Permit Fee		\$93.50	\$93.50
1	LS	MATERIALS	R24042	Materials		\$1,575.02	\$1,575.02
1	-	MATERIALS	R24042	Markup		\$236.25	\$236.25
NOTES:						SUBTOTAL	\$13,099.77
						SHIPPING & HANDLING	\$0.00
						TOTAL	\$13,099.77
P.O. NUMBER			DATE OF P.O.				



Change Order Proposal

To: Loxahatchee River District
 Attn: Courtney Jones
 Email: Courtney.Jones@lrecd.org

Date: 3/3/2025
 RCO: 1
 Revised: 3/7/2025

Project: Lift Station 167 Rehabilitation

Relocate Existing Electrical Service

Description: Divert Electrical Service feed from over the wet well where currently located, to in-between Wet well and Valve Vault. Current electrical service runs on top of wet well where new precast riser and lid are to sit. Work consists of pulling roughly 175' of new 3#3 Service lines from Transformer to Meter and adding a new section of conduit.

Labor

Item #	Description	QTY	Unit	Unit Price	Extended Price	Additional Days
	Master Electrician	9	HR	\$ 300.00	\$ 2,700.00	
	Journeyman Electrician	17	HR	\$ 250.00	\$ 4,250.00	
	Apprentice/Electrician Helper	17	HR	\$ 210.00	\$ 3,570.00	
	Project Manager	3	HR	\$ 225.00	\$ 675.00	
					\$ -	
Labor Total :					\$ 11,195.00	7

Equipment

Item #	Description	QTY	Unit	Unit Price	Extended Price	Additional Days
					\$ -	
Equipment Total :					\$ -	

Materials

Item #	Description	QTY	Unit	Unit Price	Extended Price	Additional Days
1	#3 Wire	450	LF	\$ 2.63	\$ 1,183.50	
2	#6 Grounding Wire	150	EA	\$ 1.48	\$ 222.00	
3	2 in. x 10 ft. PVC SHLD 40-Conduit	3	EA	\$ 17.84	\$ 53.52	
4	2 in. 90-Degree Bell-End Elbow	2	EA	\$ 6.48	\$ 12.96	
5					\$ -	
6					\$ -	
7					\$ -	
8					\$ -	
Sub-Total :					\$ 1,471.98	
Tax (7%)					\$ 103.04	
Markup (15%):					\$ 236.25	
Materials Total :					\$ 1,811.27	

2051 W. BLUE HERON BOULEVARD, RIVIERA BEACH, FL 33404
 561-640-3503 OFFICE 561-640-3504 FAX
 CGC1520354 CUC1224634 CBC1255077 EC13003615

Additional Line Items

Item #	Description	QTY	Unit	Unit Price	Extended Price	Additional Days
	Permit Fees	1	LS	\$ 93.50	\$ 93.50	
					\$ -	
					\$ -	
Additional Line Items Total :					\$ 93.50	

Sub-Contracts

Item #	Description	QTY	Unit	Unit Price	Extended Price	Additional Days
1					\$ -	
2					\$ -	
3					\$ -	
Sub-Total :					\$ -	
Markup (5%):					\$ -	
Sub-Contractors Total :					\$ -	

Labor, Equipment, Materials & Sub's

Grand Total =	\$ 13,099.77	7
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Note:

- 1 - Assuming Existing service wire could be pulled
- 2 -



Item C2

R20026/Loxahatchee River Subaqueous Force Main Replacement –
Mock Roos Engineering Services – FEC Lease Agreement
– unavailable at this time





Item G3

R20036/Loxahatchee River Subaqueous Force Main Replacement –
DBE Construction Contract – FEC Permit Requirements
– unavailable at this time



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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.
FROM: Kris Dean, P.E., Deputy Executive Director/Director of Engineering
DATE: April 10, 2025
SUBJECT: Professional Engineering Services for 9278 Indiantown Road/20 Acres - Site Remediation: Change Order No. 005

The District's initial wastewater treatment facilities included advanced wastewater treatment at the current treatment plant location with effluent disposal to the headwaters of the Loxahatchee River. The effluent disposal system included a treated effluent main to the 20 Acres with discharge to a constructed lake. From the lake effluent flowed over a weir into a canal that discharged to the Loxahatchee River.

In May 2023 the Board approved a professional engineering services contract with KCI Technologies, Inc. to develop a site remediation plan. The work will include clearing and grubbing of the lake banks, demolition of the existing outfall weir and supporting structures, capping the lakebed silt and installing an earthen dam to replace the outfall weir.

The District also received a grant proposal from FDEP in the amount of \$100,000 to construct parking facilities, a chickee hut and nature trails at the 20 acres. Professional engineering services required for the grant funded facilities were not part of the professional engineering services agreement approved in May 2023. To address professional engineering services required for grand funded facilities and additional permitting requirements the following change orders were processed.

- Change Order 001: Additional \$39,480.00 for grant funded facilities design
- Change Order 002: Extend professional engineering services schedule through contract award to January 16, 2025, allowing for Palm Beach County PZB coordination
- Change Order 003: Traffic Statement and Access Management waiver Request
- Change Order 004: Progresses additional permitting efforts have been identified to satisfy South Indian River Water Control District (SIRWCD) and South Florida Water Management District (SFWMD)

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

As design progresses additional permitting efforts have again been identified to satisfy South Florida Water Management District (SFWMD), PBC Fire and PBC ERM. KCI has proposed the attached change order to their scope of services to address the additional effort. This effort includes \$24,420.00 in additional fees and time extension rescheduling the construction contract award to January 15, 2026. See attached for details.

Staff recommend the following motion:

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to execute Change Order 005 with KCI Technologies, Inc. as detailed in their attached amendment, which includes an additional \$24,420.00 in fees, and a time extension to January 15, 2026.”

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458
 (561) 747-5700 FAX (561) 747-9929

CHANGE ORDER #005DATE: April 18, 2025PROJECT NAME: Professional Engineering Services: 20 Acre(9278 Indiantown Road) Site RemediationOWNER: Loxahatchee River Environmental Control DistrictCONTRACTOR: KCI Technologies Inc.THE FOLLOWING CHANGES: Additional costs and time associated with SFWMD permittingJUSTIFICATION: See attached.CHANGE TO CONTRACT PRICE:

Original CONTRACT PRICE: \$ 77,700.00

Current CONTRACT PRICE \$ 140,180.00

CONTRACT PRICE due to this Change Order
will be *INCREASED/DECREASED* by: \$ 24,420.00The New CONTRACT PRICE including
this Change Order will be: \$ 164,600.00CHANGE TO CONTRACT TIME:

The DATE OF AWARD of the construction contract will be: January 15, 2026

APPROVED BY ENGINEER: _____
DATEAPPROVED BY OWNER: _____
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT DATE

**AMENDMENT NO. 5
TO PROFESSIONAL SERVICES AGREEMENT
KCI Project No. 482021095.02**

THIS AMENDMENT NO. 5 TO PROFESSIONAL SERVICES AGREEMENT (“**Amendment**”) is entered into as of the date of last signature (“**Effective Date**”) between KCI Technologies, Inc. (“**KCI**”) and Loxahatchee River Environmental Control District (“**Client**”), hereinafter referred to jointly as the “**Parties**” or singularly as the “**Party**”.

For clarification, this amendment is the next in a sequence of contract adjustments which included Amendment No. 1, Change Order No. 2 (for time extension only), Amendment No. 3. And Amendment No. 4

1. **Amendments to the Agreement.** The following sections of the Professional Services Agreement executed May 26, 2023 (“**Agreement**”) are hereby amended by mutual agreement of the Parties as of the Effective Date:
 - a) The SCOPE OF SERVICES section of the Agreement and
 - b) The CONTRACT TIME section of the Agreement are amended by:

KCI’s Services, including deliverables, shall also include those services detailed as follows:

Task 11 Site Plan Processing

KCI’s Site Plan Processing effort that will require additional fees to cover the anticipated efforts required to complete the review processes from the unanticipated jurisdictional agencies recent review comments and carry approvals to completion.

CIVIL:

1. SFWMD Review:

Comments from SFWMD, i.e, four (4) comments related to phosphorous and nitrogen loading analysis, pre vs. post discharge rate comparison, retention pond water quality volume recovery analysis, and average wet season water table level and a fifth comment, with four subsections related to the Owners required comprehensive Operation and Maintenance Program as noted in the SFWMD 2/7/25 RAI letter

- Nutrition Loading Calculations
- Recovery Calculations
- Modification of Stormwater Report and Repackage
- Operation & Maintenance Program and Cost Preparation

Lump sum fee for this task shall be\$4, 500.00

2. Fire Review Through PBC Building Division:

Additional comments from the Fire Safety Specialist regarding the strict adherence to minimum gravel roadway width of 20' via 2/19 25 email. Subsequently KCI also discussed the width with the Fire Marshal to no avail to reduce to 16'.

- Adjustment of Plans Per Comment and Repackage
- Modification of Stormwater Management Report Per New Impervious
- Package & Submit

Lump sum fee for this task shall be\$2,100.00

LANDSCAPING:

3. Apply for Vegetation Barricade Permit Through PBC Building Division:

During plan review PBC (Palm Beach County) identified a Vegetation Barricade Permit (VBP) is required for the project. KCI will repackage existing sheets/produce new sheets required for the separate permit submittal. KCI will meet on-site up to 3 times: With PBC during their review of the permit application, with LRECD after their Contractor has tagged and barricaded the existing trees per the Vegetation Barricade Permit application, and with PBC for their Final Site Inspection. One resubmittal of plans is included.

Lump sum fee for this task shall be\$8,760.00

4. ERM Vegetation/Tree Preservation Coordination Through PBC Building Division:

During plan review PBC identified Environment Resource Management (ERM) review of native vegetation is required for the project. KCI will utilize the VBP package for the separate permit submittal, but will also include mitigation calculations and updating of landscape plans. KCI will coordinate with ERM on the submittal, respond to comments, modify plans per comments, and meet with ERM on-site one time. One resubmittal of plans is included.

Lump sum fee for this task shall be\$9,060.00

This amendment covers the estimated additional KCI Engineer's and Landscape Architect's effort to respond to the above noted Requests for Additional Information.

Lump sum fee for Amendment No. 5 shall be\$24,420.00

KCI's Services, including deliverables, shall also include those services detailed as follows:

- a) The FEES AND PAYMENTS section of the Agreement is amended by replacing "a lump sum of \$140,180.00" with "a lump sum of \$164,600.00";
 - b) The CONTRACT TIME section of the Agreement is amended by extending the anticipated DATE OF AWARD of the construction contract by 90 days at the time of receipt of the executed CO/NTP.
1. **Definitions.** Capitalized terms used and not defined in this Amendment have the respective meanings assigned to them in the Agreement.
 2. **Agreement Remains in Effect.** Except as expressly provided in this Amendment, all of the terms and provisions of the Agreement are and shall remain in full force and effect and are hereby ratified and confirmed by the Parties. On and after the Effective Date, each reference in the Agreement to "this Agreement," "the Agreement," "hereunder," "hereof," "herein," or words of like import will mean and be a reference to the Agreement as amended by this Amendment.
 3. **Counterparts.** This Amendment may be executed in counterparts, each of which is deemed an original, but all of which constitute one and the same agreement. Delivery of an executed counterpart of this Amendment electronically shall be effective as delivery of an original executed counterpart of this Amendment.

(Remainder of page intentionally left blank.)

IN WITNESS WHEREOF, the Parties have caused this Amendment to be duly executed. Each Party warrants and represents that its respective signatories are duly authorized to execute this Amendment.

KCI:

KCI Technologies, Inc.

BY:



Signature

Kirk Hoosac, RLA

Name

Practice Leader

Title

4/10/2025

Date

CLIENT:

Loxahatchee River Environmental Control District

BY:

Signature

Albrey. Arrington

Name

Executive Director

Title

Date



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	Property Records Review Determined Lots Abut US1 Right Of Way		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	Application for developer project made; Comments on plans being addressed by applicant					Jun. 2024				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	19465 Harbor Rd. S	6	Statutory Way Provision – May 2023 (1 lot)	2017	AEO	Jan. 2014		May 2024	Apr.2025	Mar.2024	May 2025	Legislative
16	Limestone Creek Road West	49		2018	TBD	Jan. 2013						Legislative
	109 Old Jupiter Beach Road	1	Construction Complete			Sept. 2021 July 2022		Jun.2024	Apr.2025	Aug.2024	May 2025	Legislative
	182 nd Road North	12	Sewering Pricing Request by 50% of Owners Conceptual Design/Cost Est. - provided June 2023									Legislative
	6604 N 195th Place	1	Statutory Way Provision – Mar. 2024					May 2024				Legislative
	6746 N 195th Place	1	Statutory Way Provision – Mar. 2025									Legislative
	331 Tequesta Drive	1								Apr. 2025		Legislative

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

SHENKMAN & SHENKMAN P.A.
2151 S. Alternate A1A, SUITE 1000
JUPITER, FLORIDA 33477
TELEPHONE (561) 822-3939
Curtis@PalmBeachLawyer.Law

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

April 9, 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.

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 under construction 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 APRIL 2025 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 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: April 11, 2025
Subject: Monthly Financial Report

Cash and Investments Balance

Balance as of March 31, 2025

Institution	Rate	Book Value	Monthly Change in Investment	Market Value
U.S. Treasuries:				
U.S. Treasuries - Due 05/01/25	4.44%	\$ 5,530,140	\$ 19,438	\$ 5,630,084
Subtotal		\$ 5,530,140	\$ 19,438	\$ 5,630,084
Investment Accounts:				
Florida Prime - SBA	4.51%		\$ 50,598	\$ 13,269,568
Florida FIT - Preferred Deposit Pool	4.38%		28,984	8,000,342
Florida FIT - Cash Pool	4.43%		25,248	6,556,831
Bank United - Public Funds Reserve	3.87%		7,338	2,234,063
Subtotal			\$ 112,168	\$ 30,060,804
Cash Account:				
Truist-Hybrid Business Account	2.70%		\$ 10,147	\$ 6,040,477
Subtotal			\$ 10,147	\$ 6,040,477
Total			\$ 141,753	\$ 41,731,365

Investment Policy Compliance

Performance Measurements

Average weighted rate of return on investments is: 4.17%. As of 3/31/25, 3-month U.S. Treasuries were 4.21% and the 1-month Federal Fund Rate was 4.33%. The District's average weighted rate of return on investment of 4.17% is lower than our benchmark because we have \$6.0 million in our business checking account, which earns less than 3%.

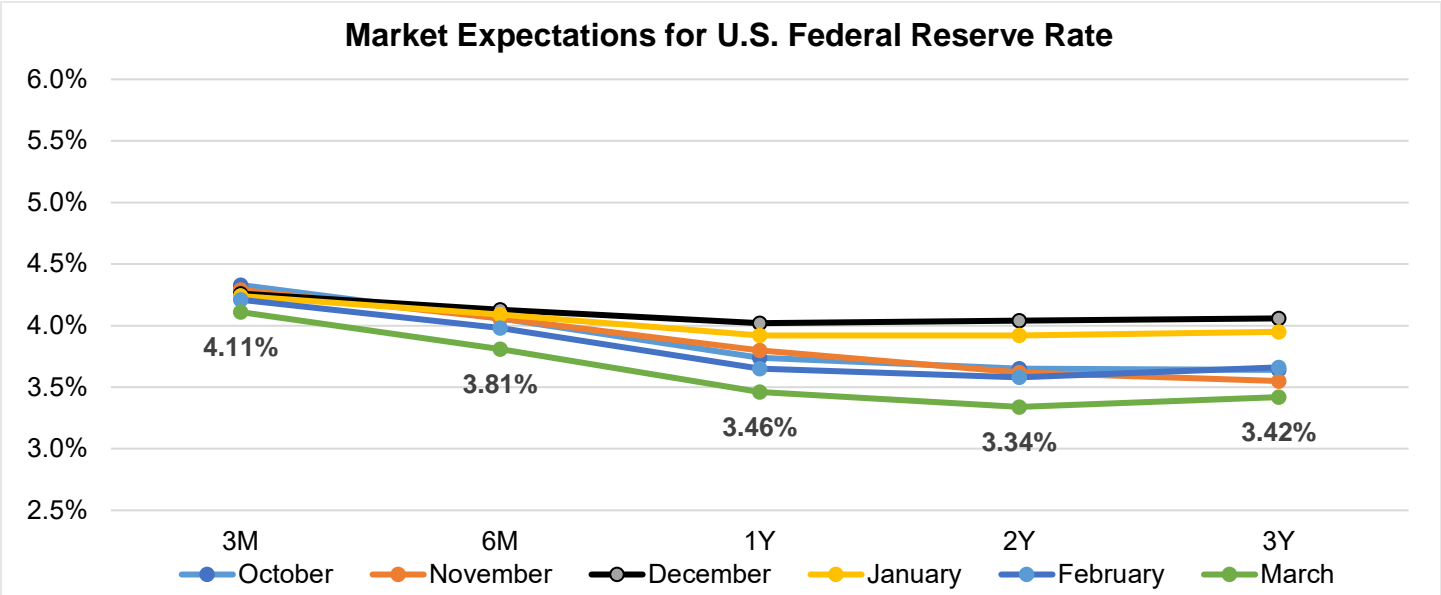
Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
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Dr. Matt H. Rostock
BOARD MEMBER

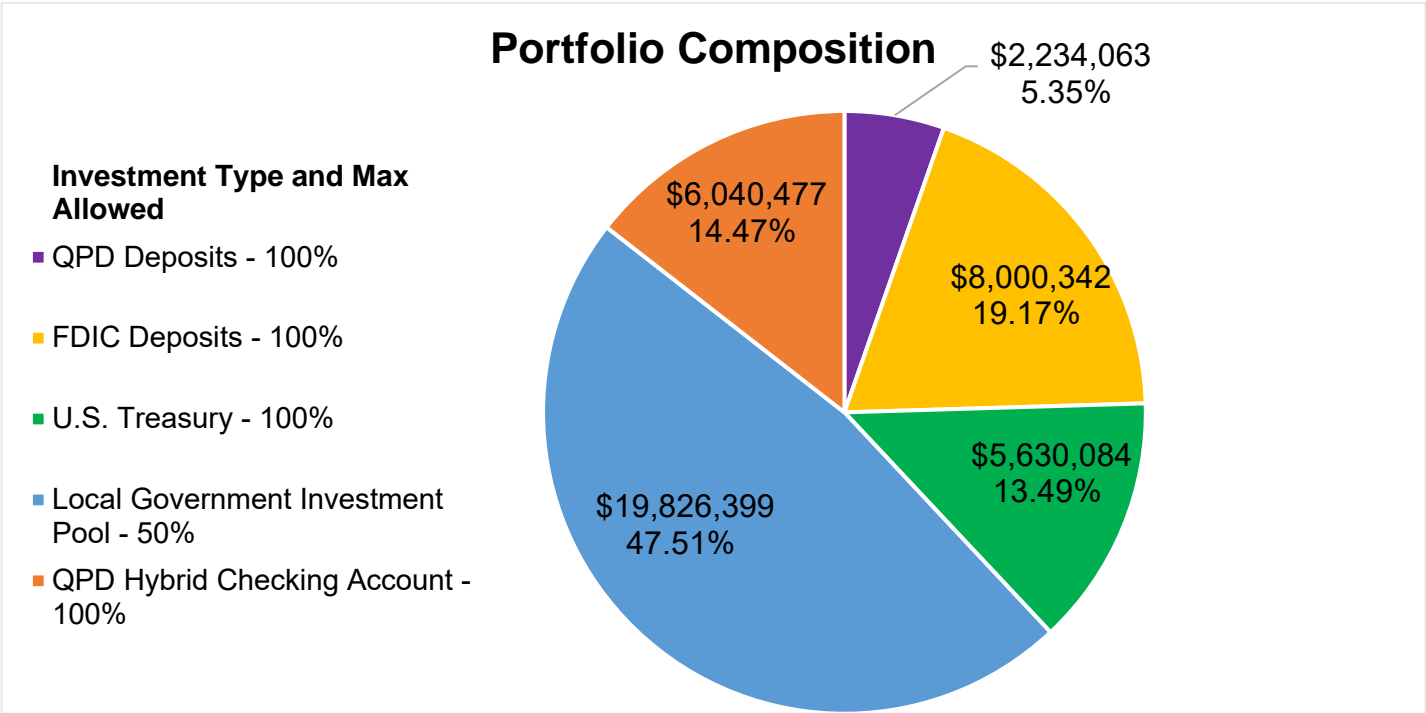
The Federal Reserve has kept interest rates steady in a target range of 4.25% to 4.50% after making several cuts in late 2024. Currently, Local Government Surplus Funds, such as Florida PRIME and Florida FIT, are offering highly competitive yields between 4.30% and 4.51%, while also providing daily liquidity. In contrast, U.S. Treasury Bills are yielding slightly less, around 4.28% as of April 2, 2025. 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 March 31, 2025.

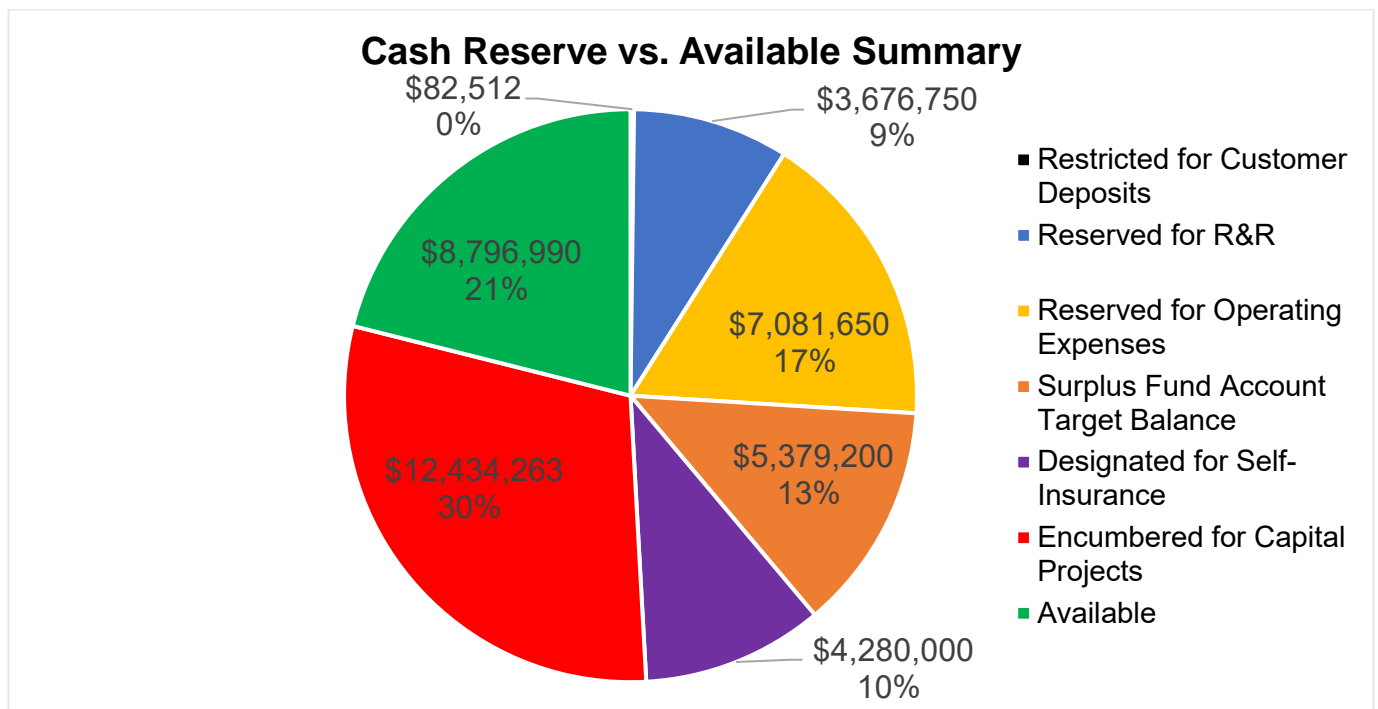
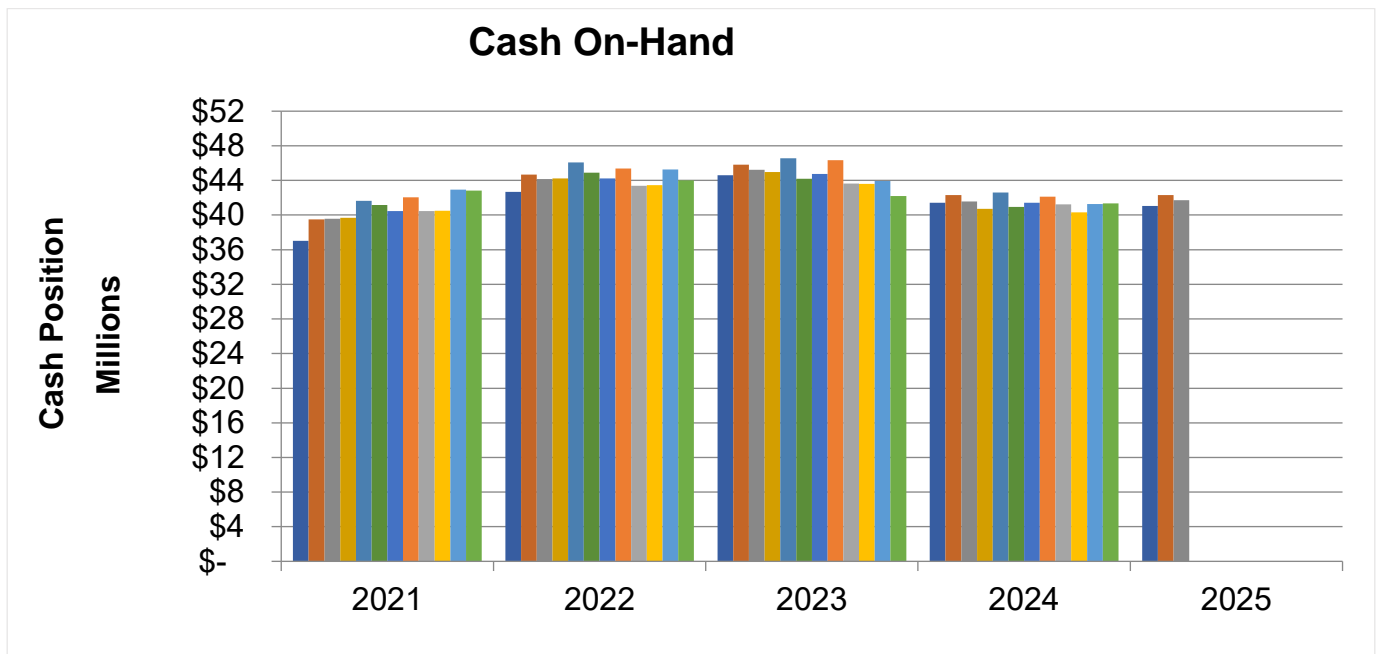
Portfolio Composition

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 March 2024 was \$41,568,281. Current Cash position is up by \$163,084.



Financial Information

- There were no legal fees billed in March. The fiscal year-to-date total is \$40,155.
- Estoppel fees collected in March totaled \$8,610. The fiscal year-to-date total is \$35,910.
- There was no septage billing in March.
- Developer's Agreement – There were no new Developer Agreements in March.
- I.Q. Water Agreements – San Palermo is past due for March.

Summary of Budget vs. Actual

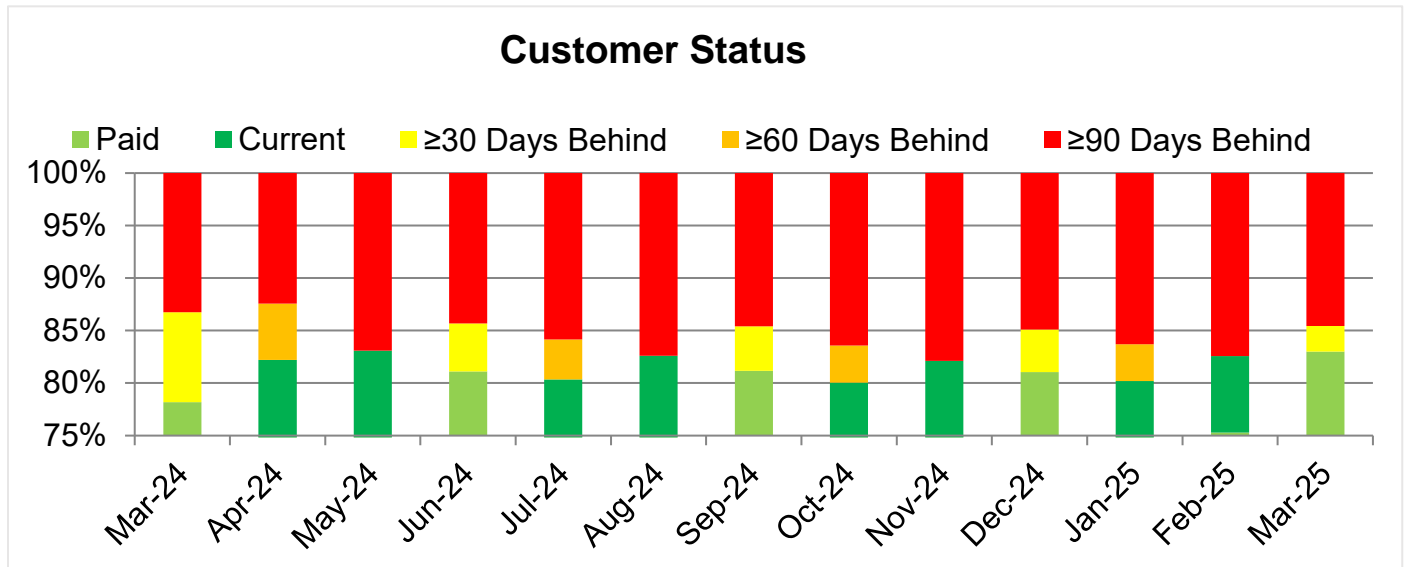
<i>Budget Benchmark</i> 50.00%	Mar-25	YTD	FY 25	Favorable	Budget	Mar-24
	Actual	Actual	Budget	(Unfavorable)	Expended	YTD
Revenues						
Operating Revenues						
Regional Sewer Service	\$ 1,561,355	\$ 9,358,492	\$19,029,455	\$ (9,670,963)	49.18%	\$9,347,043
Standby Sewer Service	9,674	59,594	100,000	(40,406)	59.59%	58,468
IQ Water Charges	207,070	1,237,007	2,500,000	(1,262,993)	49.48%	1,199,572
Admin. and Engineering Fees	2,714	8,632	50,000	(41,368)	17.26%	9,344
Other Revenue	21,419	246,686	500,000	(253,314)	49.34%	337,705
Subtotal Operating Revenues	1,802,232	10,910,411	22,179,455	(11,269,044)	49.19%	10,952,132
Capital Revenues						
Assessments	\$ 12,930	\$ 730,930	1,068,000	(337,070)	68.44%	928,623
Line Charges	18,768	62,287	400,000	(337,713)	15.57%	65,720
Plant Charges	28,890	222,880	600,000	(377,120)	37.15%	236,370
Capital Contributions	306,749	306,749		306,749	100.00%	
Subtotal Capital Revenues	367,337	1,322,846	2,068,000	(745,154)	63.97%	1,230,713
Other Revenues						
Grants		3,000	200,000	(197,000)	1.50%	
Interest Income	150,832	1,277,653	2,242,100	(964,447)	56.98%	1,512,808
Subtotal Other Revenues	150,832	1,280,653	2,442,100	(1,161,447)	52.44%	1,512,808
Total Revenues	\$ 2,320,401	\$ 13,513,910	\$ 26,689,555	\$ (13,175,645)	50.63%	\$ 13,695,653
Expenses						
Salaries and Wages	\$ 598,181	\$ 3,701,674	\$8,457,300	\$ 4,755,626	43.77%	\$3,412,635
Payroll Taxes	43,643	263,884	600,800	336,916	43.92%	243,469
Retirement Contributions	87,634	563,630	1,258,300	694,670	44.79%	528,073
Employee Health Insurance	146,323	814,304	1,891,200	1,076,896	43.06%	798,192
Workers Compensation Insurance	(3,752)	52,393	64,500	12,107	81.23%	64,135
General Insurance	2,038	445,721	570,250	124,529	78.16%	483,889
Supplies and Expenses	69,369	595,664	1,234,920	639,256	48.24%	589,892
Utilities	140,546	759,510	1,816,020	1,056,510	41.82%	805,997
Chemicals	70,689	335,878	474,000	138,122	70.86%	269,855
Repairs and Maintenance	113,468	1,295,391	2,491,980	1,196,589	51.98%	1,188,152
Outside Services	231,814	1,176,849	2,375,280	1,198,431	49.55%	1,152,244
Contingency			225,000	225,000	0.00%	
Subtotal Operating Expenses	1,499,953	10,004,898	21,459,550	11,454,652	46.62%	9,536,533
Capital						
Capital Improvements	\$ 255,348	\$ 2,211,122	12,917,642	10,706,520	17.12%	4,735,519
Subtotal Capital	255,348	2,211,122	12,917,642	10,706,520	17.12%	4,735,519
Total Expenses	\$ 1,755,301	\$ 12,216,020	\$ 34,377,192	\$ 22,161,172	35.54%	\$ 14,272,052
Excess Revenues						
Over (Under) Expenses	\$ 565,100	\$ 1,297,890	\$ (7,687,637)	\$ 8,985,527		\$ (576,399)

The credit balance in Workers' Compensation Insurance represents a rebate or discount provided to employers for implementing specific workplace safety initiatives. This credit is earned by maintaining both a Drug-Free Workplace Program and a Safety Program, which help reduce workplace accidents and insurance claims. By proactively fostering a safer work environment and adhering to state or insurer guidelines, the District qualifies for this financial incentive, ultimately lowering its overall workers' compensation insurance costs.

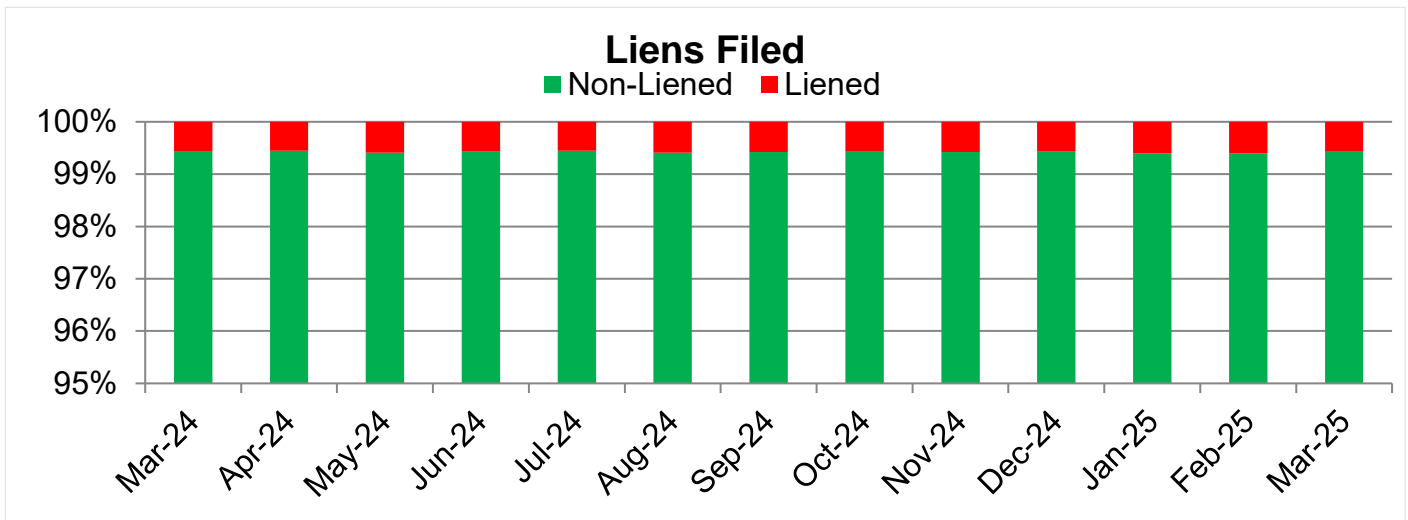
Total Capital expenses incurred and encumbered totalled \$13,662,020 or 105.76% of the capital budget. This includes funds encumbered in a prior fiscal year for projects that stretch across multiple fiscal years.

Accounts Receivable

The District's first quarter billing was \$4,684,050, of this amount \$3,850,446 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 82.0% billing.



The District serves approximately 33,488 customers. Currently, the District has 192 liens filed which represent less than 1.0% of our customers.



Pending/Threatened Litigation

- No pending or threatened litigation.



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

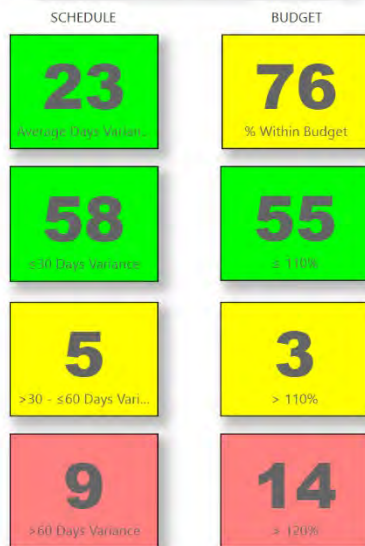
loxahatcheeriver.org

MEMORANDUM

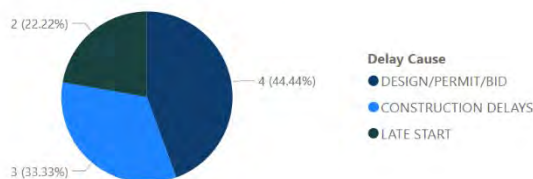
TO: D. Albrey Arrington, Ph.D., Executive Director
FROM: Kris Dean, P.E., Deputy Executive Director
DATE: April 10, 2025
SUBJECT: Capital Program Report

CAPITAL PROJECTS

72
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.

Gordon M. Boggie
BOARD MEMBER

Kevin L. Baker
BOARD MEMBER

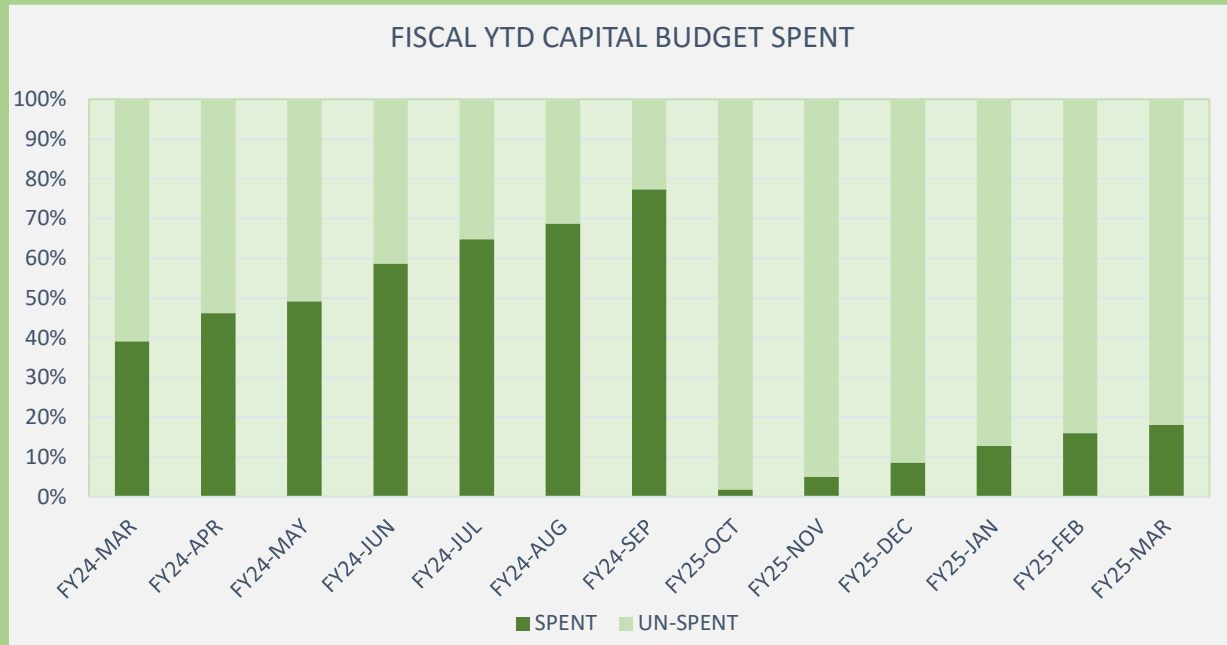
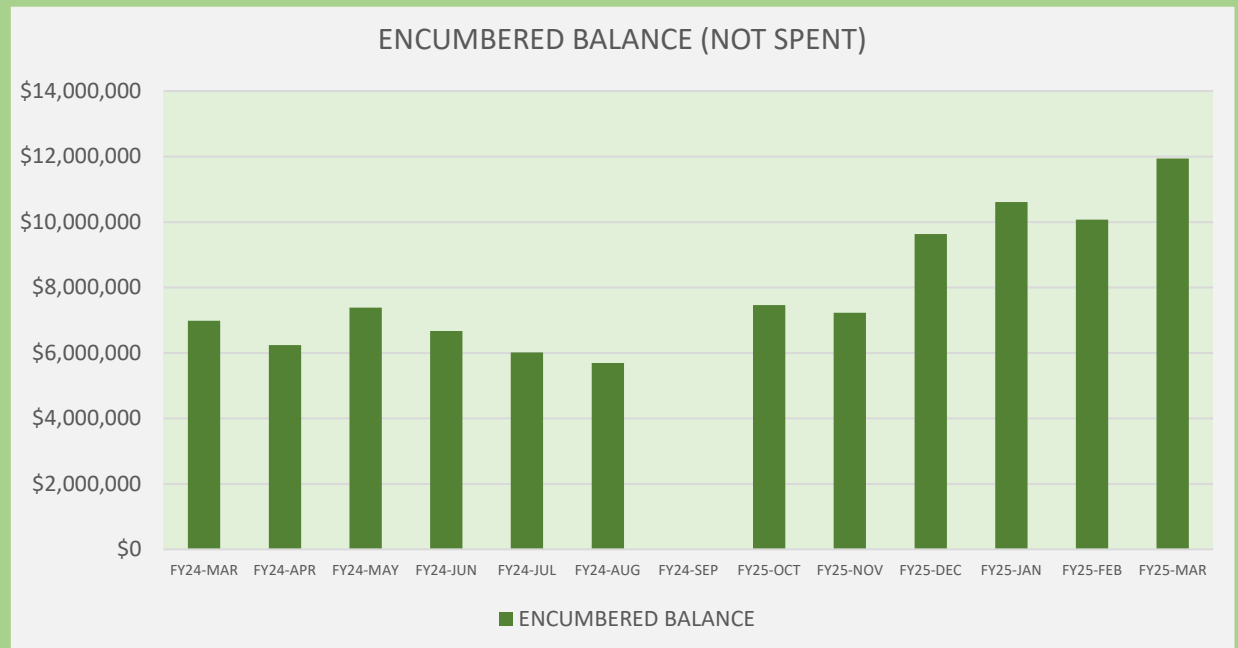
Dr. Matt H. Rostock
BOARD MEMBER

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.



Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	Main Generator 1 Enclosure Replacement	JP	0	0		Project rescheduled with 2500 Jupiter Park Drive Site Improvements - Phase 1
LRD	Portable Equipment Anchoring	CJ	100	0	1/16/2025 8:00:00 AM	COMPLETE
LRD	Front End Loader Replacement	JP	100	0	1/17/2025 8:00:00 AM	COMPLETE
LRD	Administration and Operations Fire System	JP	68	474	1/2/2026 8:00:00 AM	Review of quotes in process. Anticipate presenting at the June 19 Board meeting and PO issuance on 6/20/25.
LRD	2966 Jamaica Drive	CJ	100	0	1/21/2025 8:00:00 AM	COMPLETE
LRD	Lift Station 050 Collection System Rehabilitation	CJ	100	0	1/28/2025 8:00:00 AM	COMPLETE
LRD	Door Access Control Replacements	JC	100	64	1/30/2025 8:00:00 AM	COMPLETE
LRD	Unit 29 Replacement - Collections	JP	44	0	1/6/2026 8:00:00 AM	PO issued 11/25/24. Delivery of vehicle pending.
LRD	Unit 27 Replacement - Reuse	JP	43	0	1/7/2026 8:00:00 AM	Delivery date provided by vendor. Delivery scheduled for December 2025.
LRD	River Center Passenger Van	JP	53	0	10/18/2025 7:00:00 AM	Delivery date provided by vendor. Delivery scheduled for September 2025.
LRD	Indian Hills Low Pressure Sewer System	CJ	52	0	10/3/2025 7:00:00 AM	PO issued to Contractor and submittals in progress.
LRD	Blower Building Intake Louver Replacement	JP	52	471	11/13/2025 8:00:00 AM	No progress this month. J. Pugsley to create a set of bid documents to solicit bids via Demand Star . Updated to reflect presenting to Board at 5/15/25 Meeting
LRD	Portable Pump Replacement	JN	52	0	11/2/2025 7:00:00 AM	Waiting on Shipment
LRD	Unit 21 Replacement - Wild Pine Lab	JP	100	0	11/21/2024 8:00:00 AM	COMPLETE
LRD	Unit 25 Replacement - Ops Admin	JP	100	0	11/28/2024 8:00:00 AM	COMPLETE
LRD	Network Hardware Replacement - LS001, LS200, IQ518	JC	81	-215	12/18/2025 8:00:00 AM	MLS to be installed. Date to be determined
LRD	Unit 24 Replacement - Engineering	JP	100	0	12/20/2024 8:00:00 AM	COMPLETE

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	Unit 63 - New F550 Crane - Construction	JP	46	0	12/24/2025 8:00:00 AM	Delivery date provided by vendor. Delivery scheduled for November 2025.
LRD	WWTP Electrical Upgrades - Phase 1	JP	59	0	12/4/2025 8:00:00 AM	PO for construction issued 3/21/25. Pre-con completed 4/8/25.
LRD	IQ518 Pump Rebuilds	JN	100	0	2/17/2025 8:00:00 AM	COMPLETE
LRD	Lift Station 230 Rehabilitation	CJ	100	0	2/18/2025 8:00:00 AM	COMPLETE
LRD	Mini Excavator	CJ	100	0	2/18/2025 8:00:00 AM	COMPLETE
LRD	Unit 26 Replacement - Collections	JP	100	0	2/21/2025 8:00:00 AM	COMPLETE. Paid 2/21/2025
LRD	Disaster Recovery Site Setup	JC	11	251	2/23/2025 8:00:00 AM	Have a meeting with potential hosting provider 4/14
LRD	JILNOA FPL Pole Removal	KD	100	0	2/28/2025 8:00:00 AM	COMPLETE
LRD	Sludge Storage Tank Fine Bubble Diffuser Replacement	JP	0	0	2/3/2027 8:00:00 AM	Project to be delayed until completion of Anaerobic Selector project on 7/9/26. Updated project start date to 8/3/26.
LRD	Administration Bathroom Renovation	JP	100	0	2/7/2025 8:00:00 AM	COMPLETE
LRD	San Palermo IQ Point of Connection	CJ	14	152	3/16/2026 7:00:00 AM	Final design and invoice submittal from FPL for electric service.
LRD	Engineering Services Offices	CJ	44	0	3/27/2026 7:00:00 AM	PO issued to Contractor for fiber / electrical work. Pre-construction meeting held on 3/6/25. Submittals in progress.
LRD	Data Sonde	BH	100	-61	3/30/2025 7:00:00 AM	Finalize asset assimilation.
LRD	Aeration Basin Fine Bubble Diffuser Replacement	JP	0	0	3/30/2027 7:00:00 AM	Project to be delayed until completion of Anaerobic Selector project on 7/9/26. Updated project start date to 8/3/26.
LRD	Clarifier 4 Rehabilitation	JP	36	35	3/9/2026 7:00:00 AM	District Staff has disconnected power and NPW to clarifier unit. Ovivo scheduled to be onsite on 4/10/25 to support center column and remove bridge.
LRD	Lift Station 152 Rehabilitation	CJ	90	41	4/16/2025 7:00:00 AM	Substantial Completion reached. Coordinating for project closeout. Contractor needs to address final punchlist from PBC.

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	2500 Jupiter Park Drive Site Improvements	KD	31	56	4/17/2025 7:00:00 AM	RFQ Advertised by 11/21/2024 with Award at February 2025 Board.
LRD	Headworks H2S Monitor - Odor Control System Improvements	JP	92	24	4/22/2025 7:00:00 AM	Lead time estimated at 2-3 weeks or 2/14/25. Actual lead time was 4 weeks. Equipment delivered on 2/21/25.
LRD	Lift Station 081 Rehabilitation	CJ	96	15	4/28/2025 7:00:00 AM	Final completion reached. Project in closeout / pay application processing.
LRD	LP1260 Rehabilitation	CJ	14	0	4/29/2025 7:00:00 AM	
LRD	Emergency Notification System	JP	89	-92	4/30/2025 7:00:00 AM	All devices with the exception of the two indicator strobe at access gates are installed. Joe Chung in the process of installing final devices and performing software integration.
LRD	Server Life Cycle Replacement	JC	75	253	4/30/2025 7:00:00 AM	Start Migrating Active Users to new server domain 4/9/2025
LRD	IQ502 Electrical Service - Admiral's Cove	CJ	0	0	5/1/2026 7:00:00 AM	FPL transformer location coordination
LRD	New Ford Transit - Reuse	JP	94	15	5/10/2025 7:00:00 AM	Vehicle was delivered on 3/25/25 but shortly after there were deficiencies identified. Vehicle was returned to vendor on 3/31/25. Per vendor, vehicle scheduled for re-delivery on 4/8/25.
LRD	Plant Lift Station 001 Control Panel Replacement	JP	82	-54	5/16/2025 7:00:00 AM	JP provided project plans/scope of work to C. Jones on 3/19/25. District and Hinterland PM reviewed project in field on 4/1/25. Submission of a proposal is pending.
LRD	Australian and Palm Garden Manhole Adjustments	CJ	80	49	5/18/2025 7:00:00 AM	Pre-construction meeting held with Felix on 1/28/25. Permit in place. Substantial completion scheduled for 4/28/25.
LRD	Lift Station 177 Power and Control Panel	CJ	39	0	5/18/2026 7:00:00 AM	PO issued and submittal from vendor received on 4/7/25 for review/approval. Delivery is approximately 20-23 weeks following approved submittals per vendor.
LRD	Lift Station 148 Rehabilitation	CJ	70	0	6/21/2025 7:00:00 AM	Station on bypass and Contractor mobilizing to site on 4/3/25.

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	Lift Station 167 Rehabilitation	CJ	48	0	6/23/2025 7:00:00 AM	Change Order issued for additional electrical work and associated time extension.
LRD	Portable Generator Replacement	JN	65	-86	6/29/2025 7:00:00 AM	SUBMITTAL Review
LRD	Trailer Caddy	JP	75	-108	6/7/2025 7:00:00 AM	PO Issued on 2/27/25. Equipment manufacturing and delivery in process. Estimated ship date is 5/5/25.
LRD	Aeration Basin Influent Gate Operator	JP	82	0	7/2/2025 7:00:00 AM	PO issued 2/7/25 with 12-14 week lead. Estimated ship date of 5/16/25.
LRD	Sludge Polymer Make Up System	JP	63	-1	7/29/2025 7:00:00 AM	PO Issued 1/9/25. Shop drawing review completed 1/31/25. Received on 3/28/2025
LRD	Unit 14 Replacement - Construction	JP	42	0	8/16/2025 7:00:00 AM	Delivery of vehicle pending. Vendor provided updated delivery date of mid-July (7/15/25)
LRD	Injection Well Flow Meter	JP	26	0	9/30/2025 7:00:00 AM	
LRD	Portable Generator Replacement	JN	26	0	9/30/2025 7:00:00 AM	SUBMITTAL Review
LRD	Science Center at JILONA	KD	19	63	9/8/2026 7:00:00 AM	Demolition, Electrical, Plumbing and Mechanical Sheets.

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
Baxter & Woodman	IQ518 Electrical and IC Upgrades	SP	41	-20	11/29/2025 8:00:00 AM	Continue on developing Pre-Final (75%) Design package. for internal review by 5/19/25. Submit Pre-Final (75%) Design by 6/2/25.
Baxter & Woodman	Lift Station Control Panel Replacement and Telemetry	RT	0	0	2/18/2027 8:00:00 AM	Bid advertisement is expected by 6/26/25.
Baxter & Woodman	Lift Station 200 Rehabilitation and Upgrades	SP	40	0	7/30/2025 7:00:00 AM	Draft submittal due on 5/26/25.
Baxter & Woodman	Anaerobic Selector Zone Pilot Testing and Process Blower Improvements	BP	49	0	7/9/2026 7:00:00 AM	4/14/2025 - Shop drawing reviews. 9/1/25 - Installation begins.
Baxter & Woodman	A Structure and B Structure Rehabilitation	AR	79	0	9/18/2025 7:00:00 AM	Bid advertisement is expected by 6/19/25.
Baxter & Woodman	Headworks Rehabilitation	AR	79	0	9/18/2025 7:00:00 AM	Bid advertisement is expected by 6/19/25.
Baxter & Woodman	Vacuum Truck Dump Facility	JH	31	3	9/26/2025 7:00:00 AM	Review meeting was due by 3/27/25, however, scheduling conflicts have moved this meeting to 4/7/25. 100% Submittal is due 5/27/25 with 100% bid documents by 6/25/25.
Carollo	Wastewater Utility Risk and Resilience Assessment	AG	70	0	7/31/2025 7:00:00 AM	3/1 - 3/21 - Carollo held Workshop #3 to review initial risk results and discuss district security practices. The team discussed kicking off the risk assessment report early prior to starting the risk management effort.
HCE	Country Club Drive Cascading System	MP	0	0		
HCE	Lift Station 050 Emergency Generator	CM	37	0	3/12/2026 7:00:00 AM	**COMPLETED:** Processed Pay App 1 <<<<=====>>>> **UPCOMING:** Reviewing bypass plan.
HCE	MLS Odor Control Improvements	HCE	2	0	4/4/2026 7:00:00 AM	**COMPLETED** Held kickoff meeting 4/2/25 <<<<=====>>>> **UPCOMING** Site visits scheduled for 4/17/25. 90% deliverable by 5/14/25.

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
HCE	Lift Station 082 Conversion	MP	91	48	6/12/2025 7:00:00 AM	**COMPLETED:** FPL Power restored, gen tank certs complete, gen tank filled for startup <<<<=====>>>> **UPCOMING:** gen handrail install, Pay App 6, Startup, removal of bypass system, final restoration (landscaping, asphalt, etc.)
HCE	Lift Station Cellular Telemetry	PV	88	0	8/8/2025 7:00:00 AM	**COMPLETED:** <<<<=====>>>> **UPCOMING:** Continue Field Setup, final punchlist.
HCE	Indiantown Road Gravity and Manhole Inspections	HCE	0	0	9/1/2025 7:00:00 AM	Work Authorization Approval - April 17, 2025 Governing Board meeting.
KCI	20 Acre Site Remediation	TM	48	127	1/8/2026 8:00:00 AM	KCI acknowledges the need to better communicate with LRECD. The interconnect pipe currently shown in the design plans should have been discussed with LRECD prior to submittal to SFWMD/SIRWMD. KCI will focus on improved communication and submittal coordination with the District moving forward.
Kimley-Horn	County Line Road Utility Relocations	SS	34	1	11/24/2025 8:00:00 AM	Substantial completion
Kimley-Horn	AC Force Main Replacement - A1A	SS	46	-2	4/14/2026 7:00:00 AM	Finalizing revisions per LRD 100% comments. Waiting on PBC for final approval on resubmittal.
Mock-Roos	Loxahatchee River Subaqueous Force Main Replacement	JC	52	162	1/1/2026 8:00:00 AM	FEC Permitting Issuance and Construction NTP.



LOXAHATCHEE RIVER DISTRICT

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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: April 17, 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:

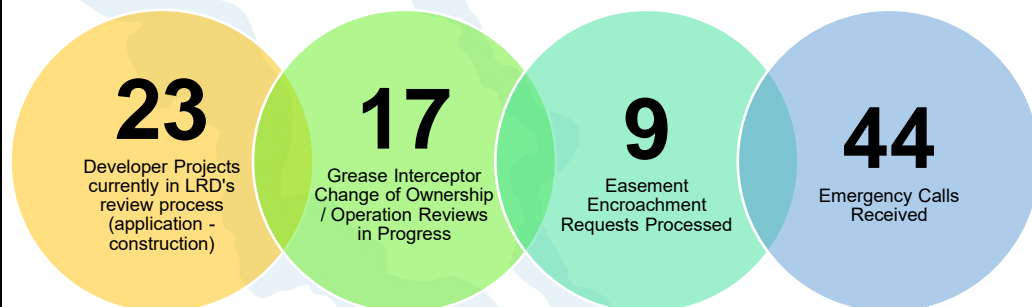
- Plan Review Process (from pre-application through Construction)
- Grease Interceptor Application / Change of Ownership or Operation
- Easement Encroachment Requests
- Emergency Calls

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

Developer Response Time	
Month-Year	Average Response Time (Days)
March-24	1.50
April-24	1.52
May-24	1.46
June-24	1.68
July-24	1.48
August-24	1.29
September-24	1.71
October-24	Not Available
November-24	Not Available
December-24	Not Available
January-25	2.48
February-25	2.94
March-25	1.71
12-MONTH AVERAGE	1.78

KPI Metrics:

	≤ 5 WORKING DAYS
	5 < # WORKING DAYS ≤ 7
	> 7 WORKING DAYS



March 2025

Gordon M. Boggie
CHAIRMAN

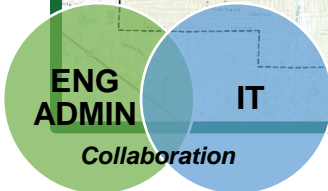
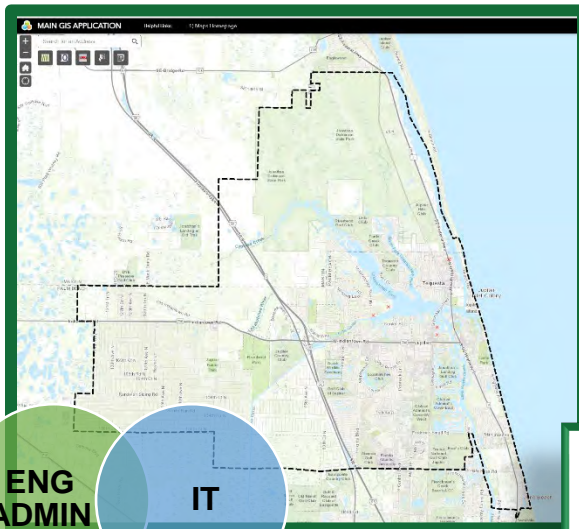
Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Water Reclamation – Environmental Education – River Restoration

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
March-24	73
April-24	59
May-24	86
June-24	30
July-24	65
August-24	36
September-24	29
October-24	64
November-24	29
December-24	30
January-25	21
February-25	44
March-25	31
12-MONTH AVERAGE	46

KPI Metrics:

Green	≥ 20
Yellow	15 < REDLINES ≤ 19
Red	> 15 REDLINES

Project Highlight

Engineering is working with Information Services (IT) to transfer the GIS database and map to new servers.

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).

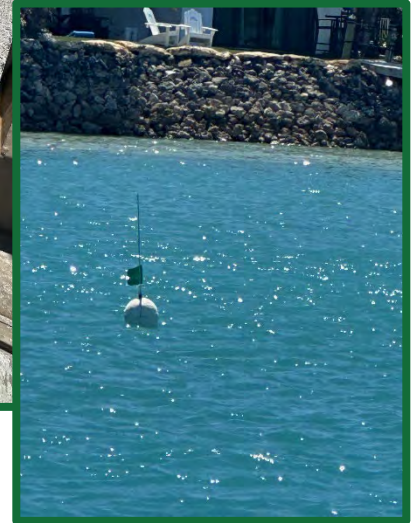
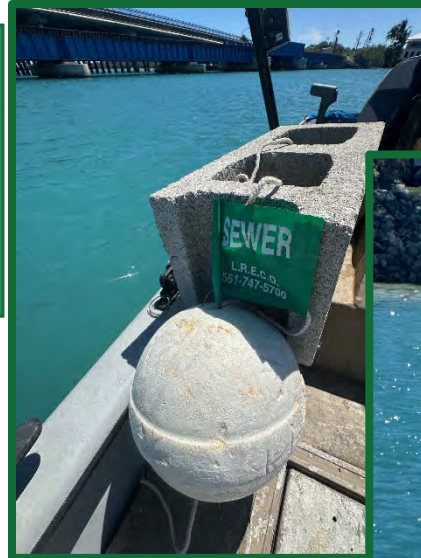
811 Locates		
Month-Year	# of Locate Tickets Completed	Average Time to Locate (Days)
March-24	721	0.70
April-24	724	0.78
May-24	776	0.71
June-24	768	0.88
July-24	770	0.75
August-24	842	0.61
September-24	712	0.65
October-24	732	0.53
November-24	724	0.86
December-24	685	0.78
January-25	756	0.64
February-25	644	0.71
March-25	744	0.68
12-MONTH AVERAGE	738	0.71

KPI Metrics:

Green	< 2.75 days
Yellow	≤ 2.9 days
Red	> 2.9 days

Project Highlight

Engineering Inspections staff worked with Lab staff to perform locates on the existing subaqueous force main crossing at Alternate A1A for the upcoming force main replacement project.



Engineering Construction:

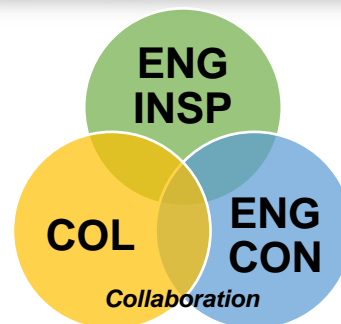
Engineering Construction (ENG CON) staff are responsible for supporting Collections, Reuse and Operations with necessary repairs and rehabilitations of their respective assets. The District has a Construction Foreman who oversees three 2-person construction crews.

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



Project Highlight

Hinterland Group, Inc. is currently working on rehabilitation of Lift Station No. 167 on SE Compass Island Way



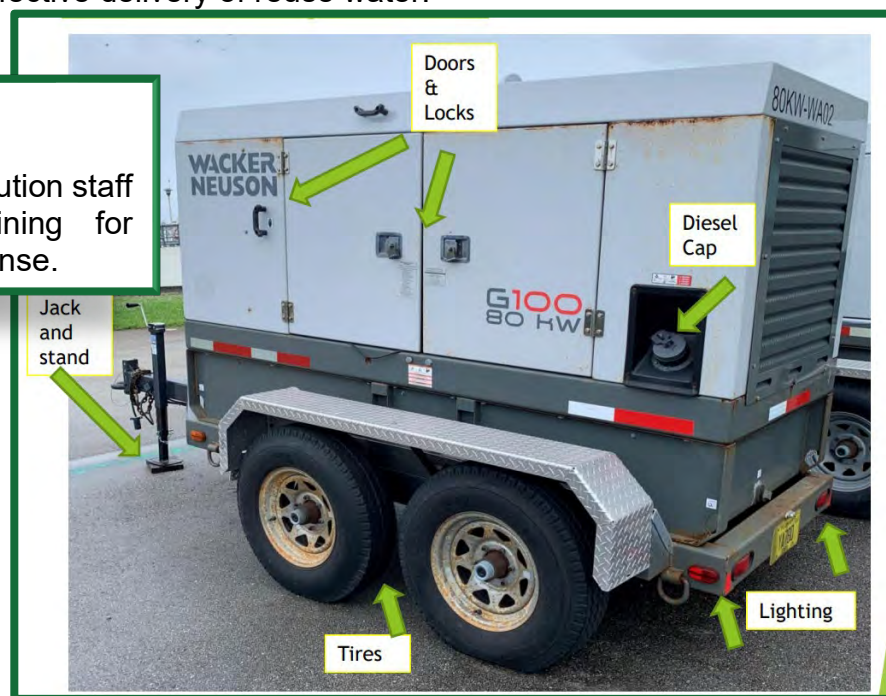
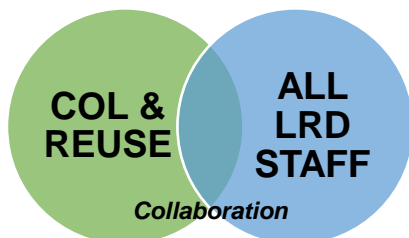
Collections / Transmission & Reuse / Distribution:

Collections and Transmission (COL) 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. Collections staff routinely perform preventative maintenance on the various assets of the collections system and respond to emergency calls.

Reuse staff are responsible for the effective and efficient operation and maintenance of the District's reuse distribution facilities. Reuse staff routinely perform preventative maintenance on the various assets of the distribution system and coordinate with both wholesale and retail customers for effective delivery of reuse water.

Project Highlight

Collections/Transmission & Reuse Distribution staff are coordinating upcoming staff training for Emergency Conditions / Hurricane Response.

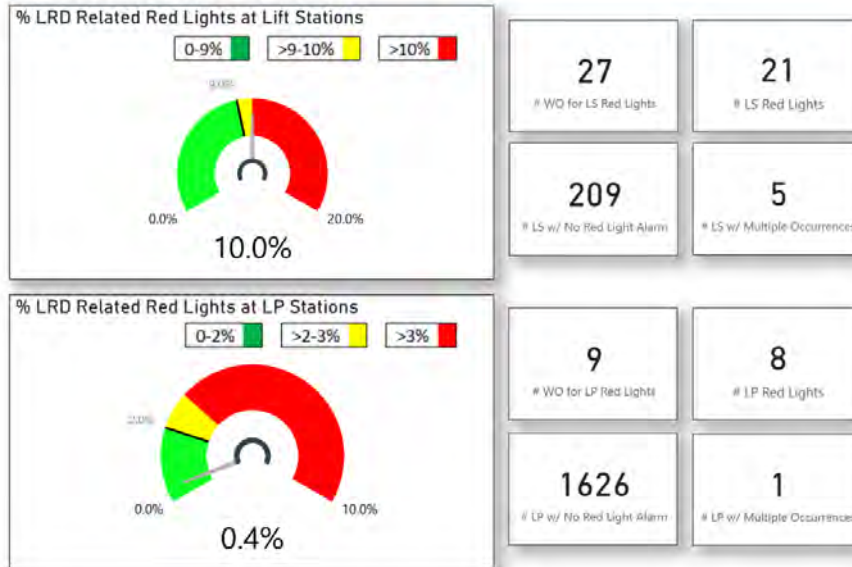


Red Lights / Emergency Call Response:

This month the wastewater collections / transmission system experienced 36 total red lights. 27 lift station red lights (21 stations with 5 stations experiencing multiple red light events) and 9 low pressure red lights (8 stations with 1 station experiencing multiple red light events).

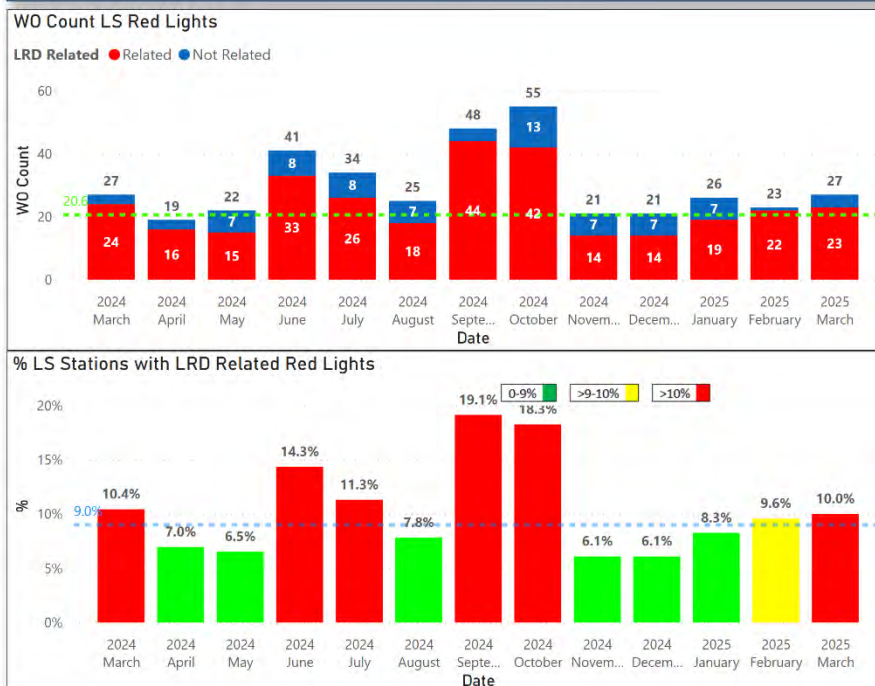
Work Order counts due to red lights exclude red lights due to FP&L power failure since staff have no mechanism to impact FP&L performance during inclement weather or other power outages. Staff continue to include FP&L power outages in the 3-month rolling average for repeat stations and work order counts to facilitate FP&L coordination on problem areas and potential use of portable standby power to ensure continuity of service.

Red Light Emergency Call Work Orders Dashboard March 2025

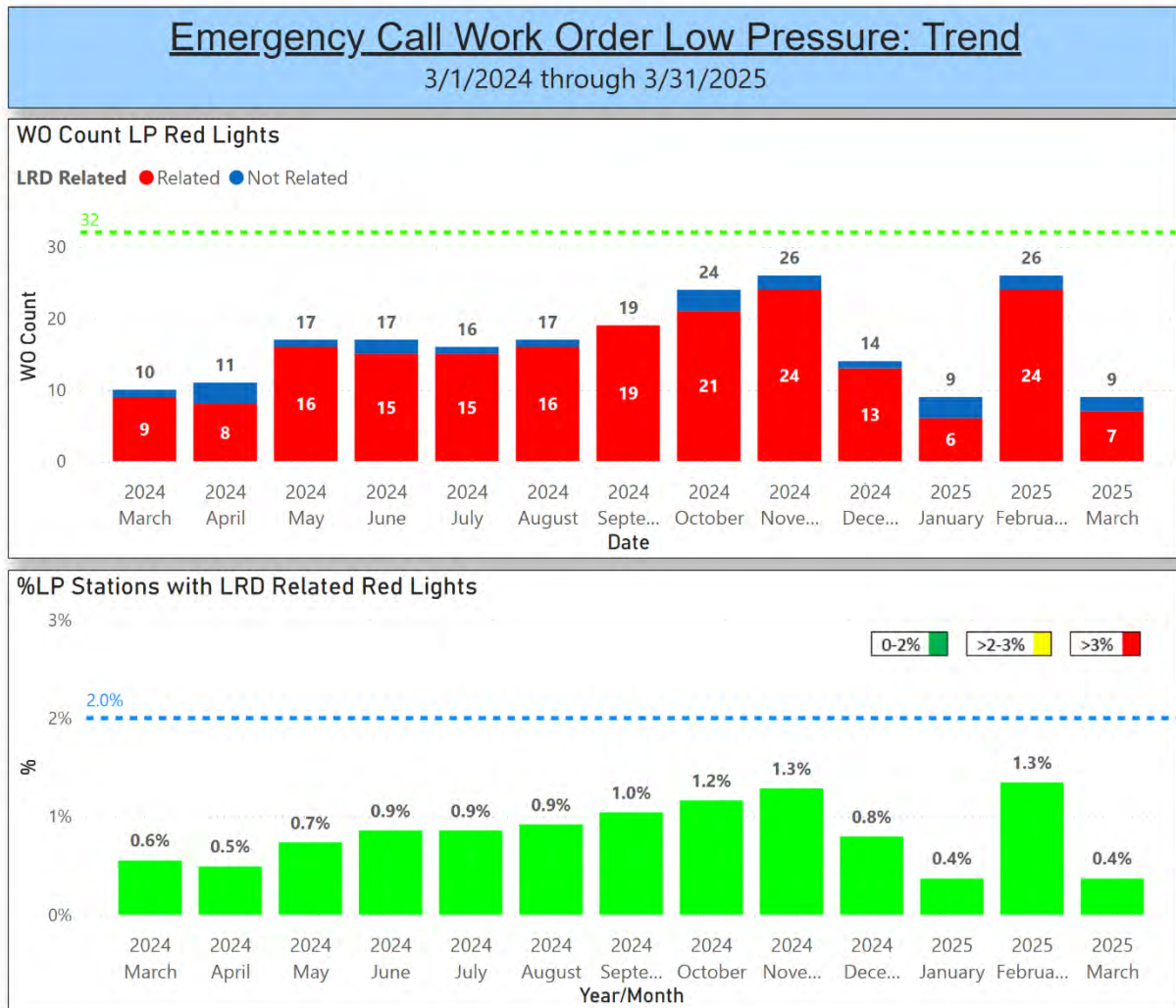


Of the wastewater lift stations within the District's service area, 10.0% of these lift stations experienced a LRD related red light in March 2025 as compared to 10.4% in March 2024.

Red Light Emergency Call Work Order Lift Station: Trend 3/1/2024 through 3/31/2025



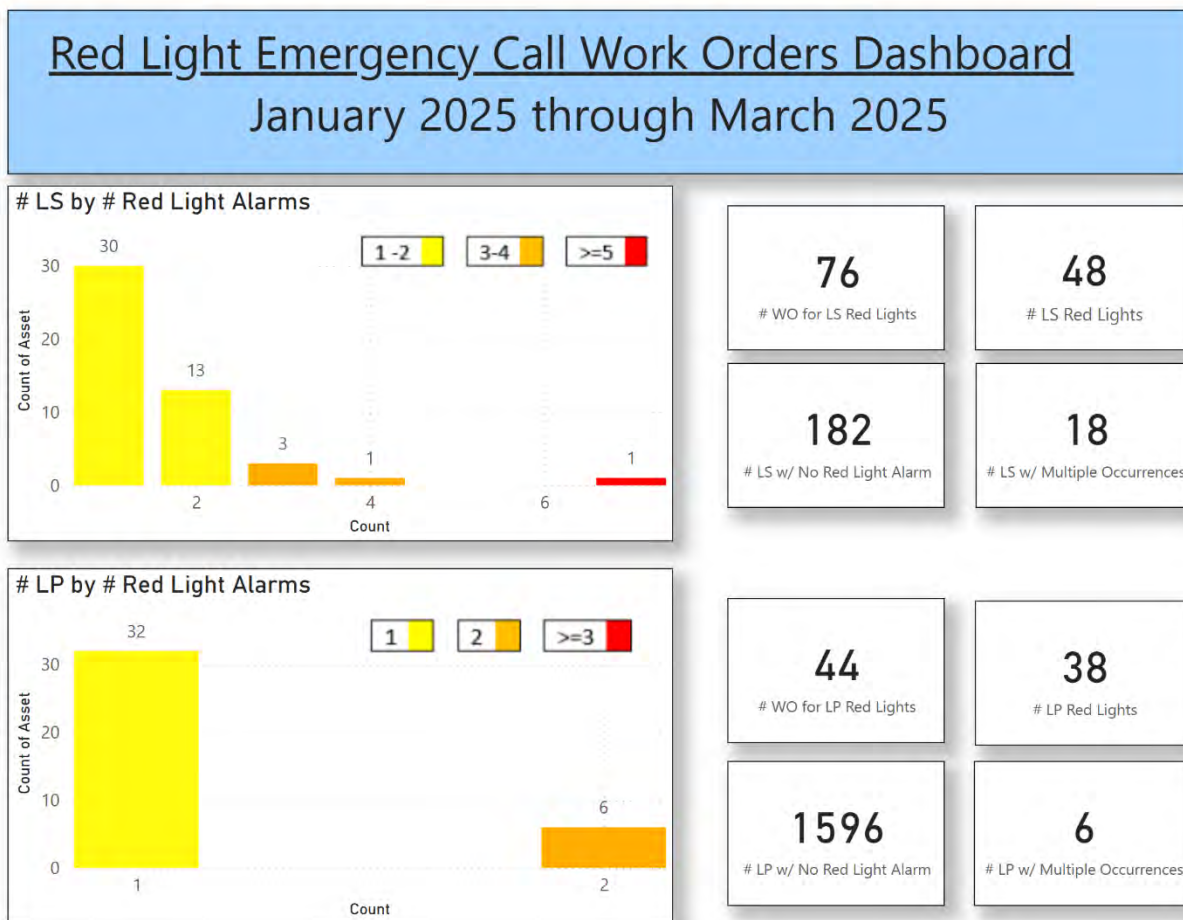
Of the low-pressure stations within the District's service area, 0.4% of these low-pressure stations experienced a LRD related red light in March 2025 as compared to 0.6% in March 2024.



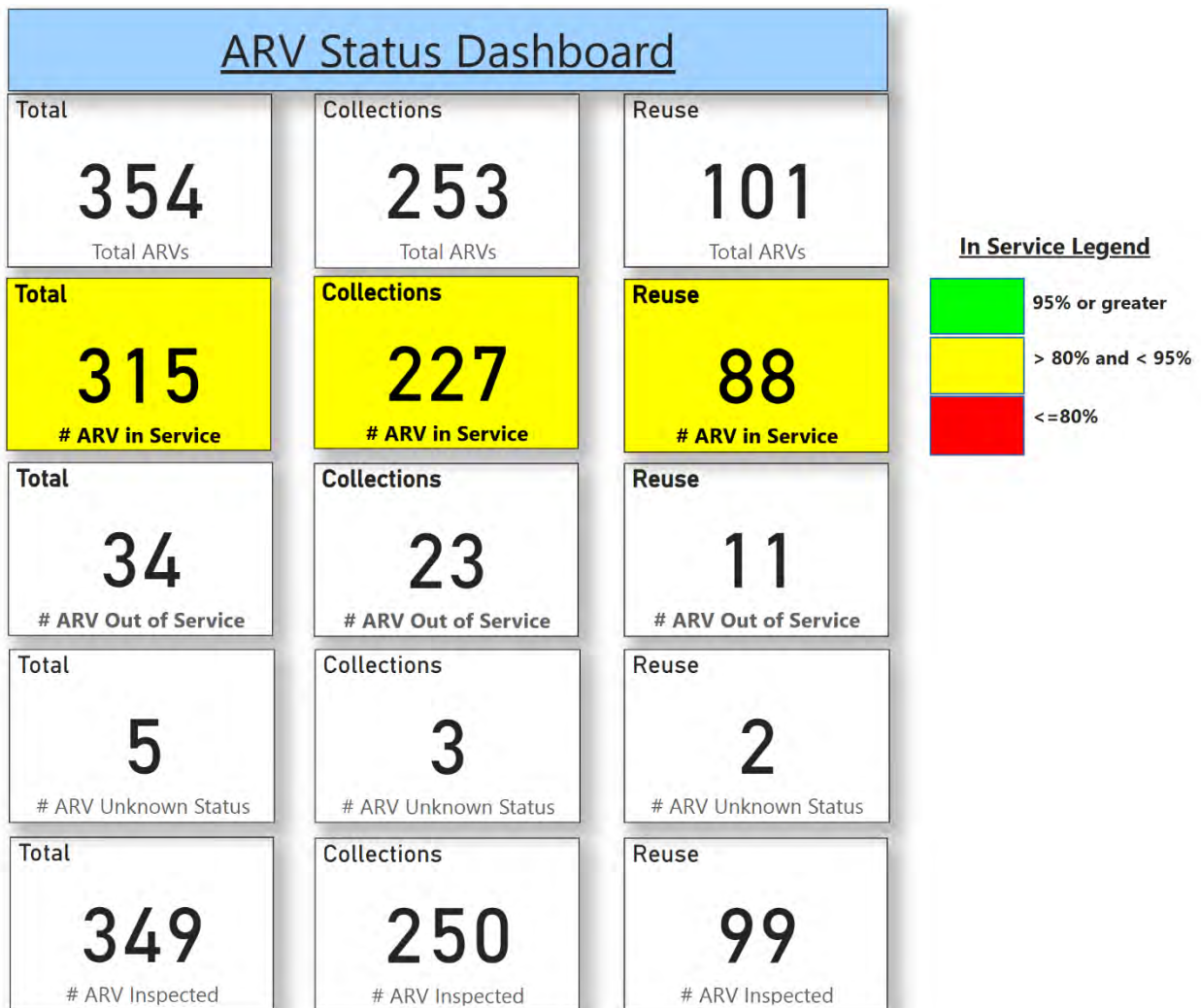
Over the past 3 month period, there were 76 lift station red lights in total with 18 lift stations experiencing multiple red lights and 181 lift stations experiencing 0 red lights. Additionally, there were 44 low-pressure station red lights with 6 low-pressure stations experiencing multiple red lights and 1,596 low-pressure stations experiencing 0 red lights.

Lift Station No. 092 (400 N A1A) experienced 7 red lights in the last 3 months with the main causes being rags and grease. The influent line to the station is currently discharging directly onto the pumps. Staff are currently evaluating installation of a drop bowl assembly to mitigate pump clogging issues.

Lift Station No. 257 (1701 W Hemingway Drive) experienced 4 red lights in the last 3 months due to a blockage in the low-pressure main and electrical issues at the station. District construction staff cleared the low-pressure main on January 16, 2025 and electrical repairs were completed on January 31, 2025. No red lights recorded at this station in February 2025 or March 2025.



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

March 2025 through March 2025

5 # LS WW PM Monthly	1 # Wells	2 # Wells	2 # Wells	Wet Well Cleaning Schedule Legend <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: red; margin-right: 5px;"></div> <div>Potential Under Cleaning</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: green; margin-right: 5px;"></div> <div>Cleaning Schedule Ideal</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: yellow; margin-right: 5px;"></div> <div>Potential Over Cleaning</div> </div>
5 # PMs Completed				
4 # LS WW PM Bi-Monthly	2 # Wells	2 # Wells	0 # Wells	Score Calculation Grease, Sand/Grit, and Rags scoring aggregate where: Light = 1 Medium = 5 Heavy = 9 Green: 7-11 Red > 11 Yellow < 7
4 # PMs Completed				
10 # LS WW PM Quarterly	5 # Wells	2 # Wells	3 # Wells	
10 # PMs Completed				
1 # LS WW PM Semi-Annually	0 # Wells	1 # Wells	0 # Wells	
1 # PMs Completed				
0 # LS WW PM Annually	0 # Wells	0 # Wells	0 # Wells	
0 # PMs Completed				
20 # PMs Completed	8 # Wells	7 # Wells	5 # Wells	

Unauthorized Discharges: There were 2 unauthorized discharges in the collection-transmission & reuse-distribution system this month. A total of 6 gallons resulted from all 2 discharges combined with 1 discharge impacting surface waters.

01 - LS012-CO071 1 gal damaged cleanout Turner Quay 03-06-2025

02 - LS039-FM01 5 gal failed 4-inch dip Forcemain Bridgegate 03-26-2025

Unauthorized Discharge FIELD : KPI

Date	Occurrences	Total Gallons	Impacting Surface Waters
March 2024	2	50	0
April 2024	1	2,858	0
May 2024	2	30	0
June 2024	1	20	0
July 2024	5	150	0
August 2024	5	2,270	0
September 2024	4	70	0
October 2024	3	69	0
November 2024	6	81	0
December 2024	3	60	0
January 2025	3	57	0
February 2025	2	51	0
March 2025	2	6	1
Total	39	5,772	1

Date	Occurrences	Total Gallons	Impacting Surface Waters
March 2024	0	0	0
April 2024	0	0	0
May 2024	1	1	0
June 2024	1	238	0
July 2024	0	0	0
August 2024	0	0	0
September 2024	0	0	0
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
Total	4	441	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: April 11, 2025

SUBJECT: March 2025 Operations Department Monthly Report

Treatment Plant Monthly Performance Summary

Overall, the month of March 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, influent flows to the plant were on the same order of magnitude as the flow during the previous month. This month treatment process performance metrics were relatively unchanged from the month of February. There were no positive or negative changes in any of the critical metrics. The plant experienced a total of two (2) unauthorized discharges during the month of March. This was the first time in over a year that we experienced an authorized discharge at the wastewater treatment plant site. The first discharge occurred following work completed to replace a cracked segment of concrete sidewalk at the southwest corner of the chlorine building. During this work, the contractor drove a form board stake into a polyvinyl chloride (PVC) chlorine solution line causing a crack in the top of the pipe and resulting discharge. The discharge resulted in approximately 275-gallons of highly chlorinated water seeping up from the soils in the immediate vicinity of the impacted pipe. The second discharge occurred due to the failure of a packing seal and gland at the Injection Well Pump Station. A total of 2-gallons of highly chlorinated process water being discharged to grade where it evaporated. The soils in the vicinity of both discharges were disinfected with lime and the spills reported to the appropriate regulatory agencies.

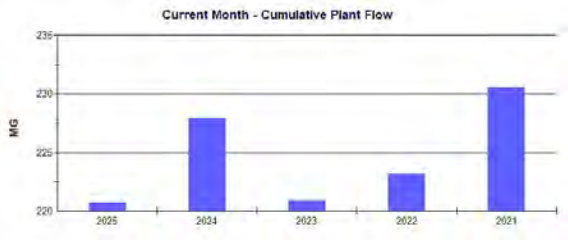
Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

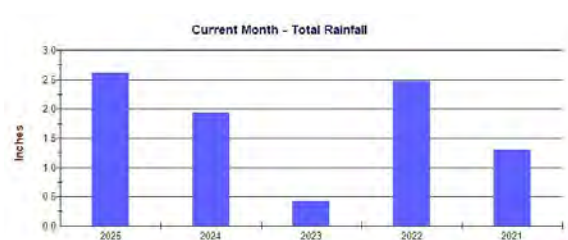
Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

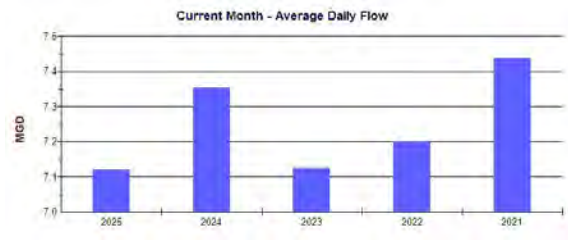
Graphical summaries of the plant flows and rainfall during the month of March, including comparisons with plant flows during the previous month (i.e., February 2025), are presented below.



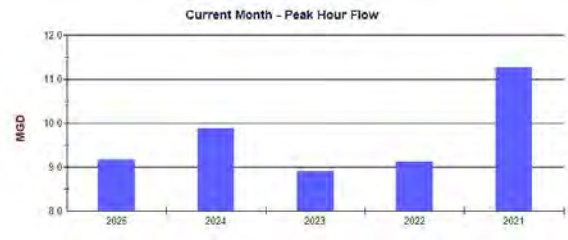
The Cumulative Influent Flow to the plant for the month of March was 220.71 million gallons. This is greater than the February flow of 199.05 million gallons.



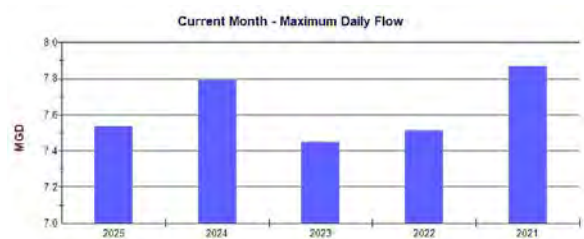
2.61 inches of total rainfall was recorded at the plant site during the month of March. This is significantly greater than the February rainfall recorded of 1.10 inches.



The Average Daily Flow (ADF) for the month of March was recorded at 7.12 MGD which is nearly identical to the ADF recorded during the month of February of 7.11 MGD and less than the March 2024 ADF of 7.35 MGD.

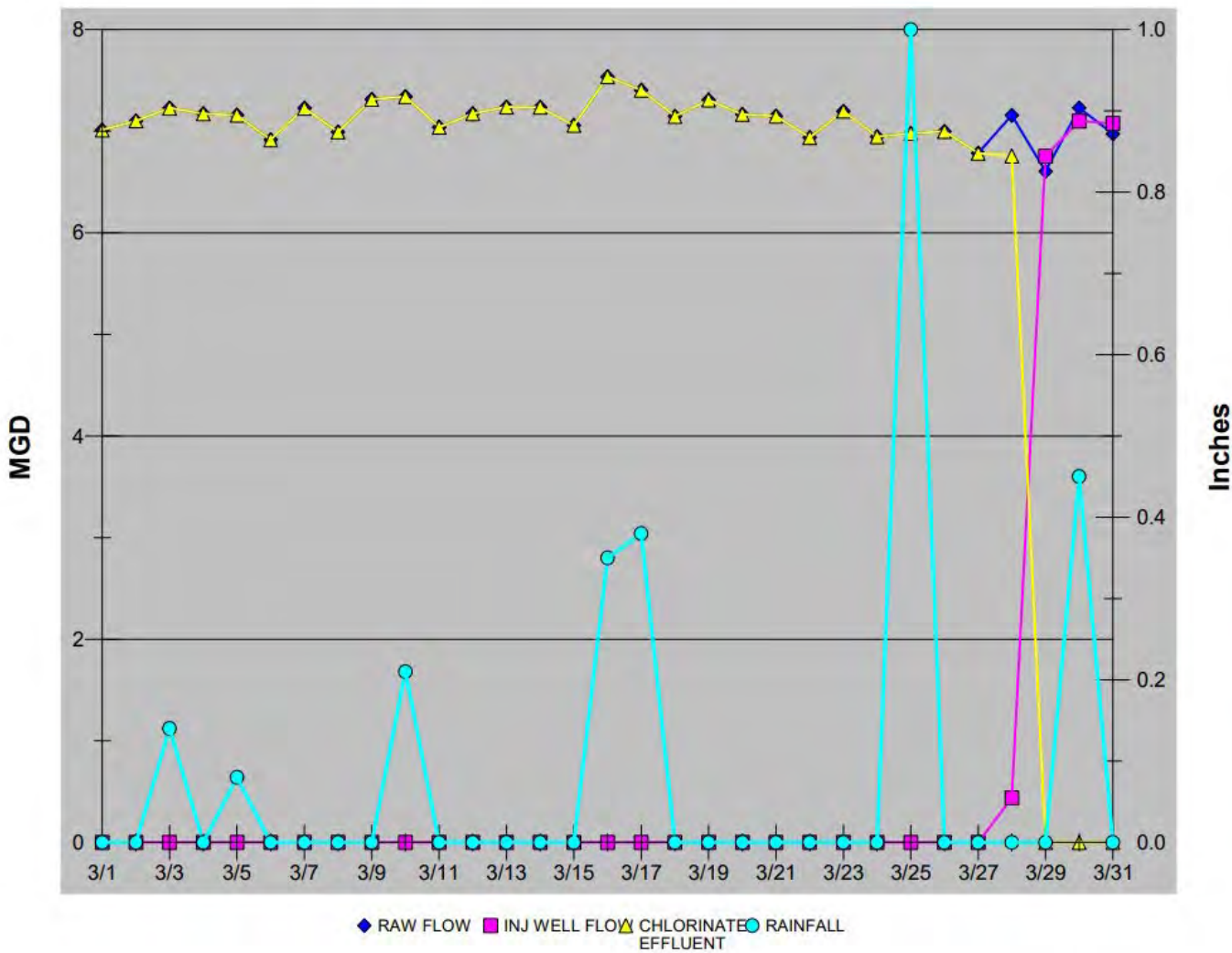


The Peak Hour Flow (PHF) for March was 6,368 GPM which equates to an equivalent daily rate of 9.17 MGD. This is on the same order of magnitude of the PHF for February of 6,389 GPM (9.20 MGD).



The Maximum Daily Flow (MDF) in March was 7.54 MGD. This is slightly greater than the MDF for February of 7.38 MGD.

For the month of March, 90.39% or 199.51 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 21.37 MG of blended effluent was diverted to the deep injection well for disposal. The plant delivered a total of approximately 241.63 million gallons of IQ water to the reuse customers during the month of March.



Year to date (i.e., Calendar Year 2025), approximately 88.41% 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 635.16 million gallons.

The Operations Dashboard for the month of March 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



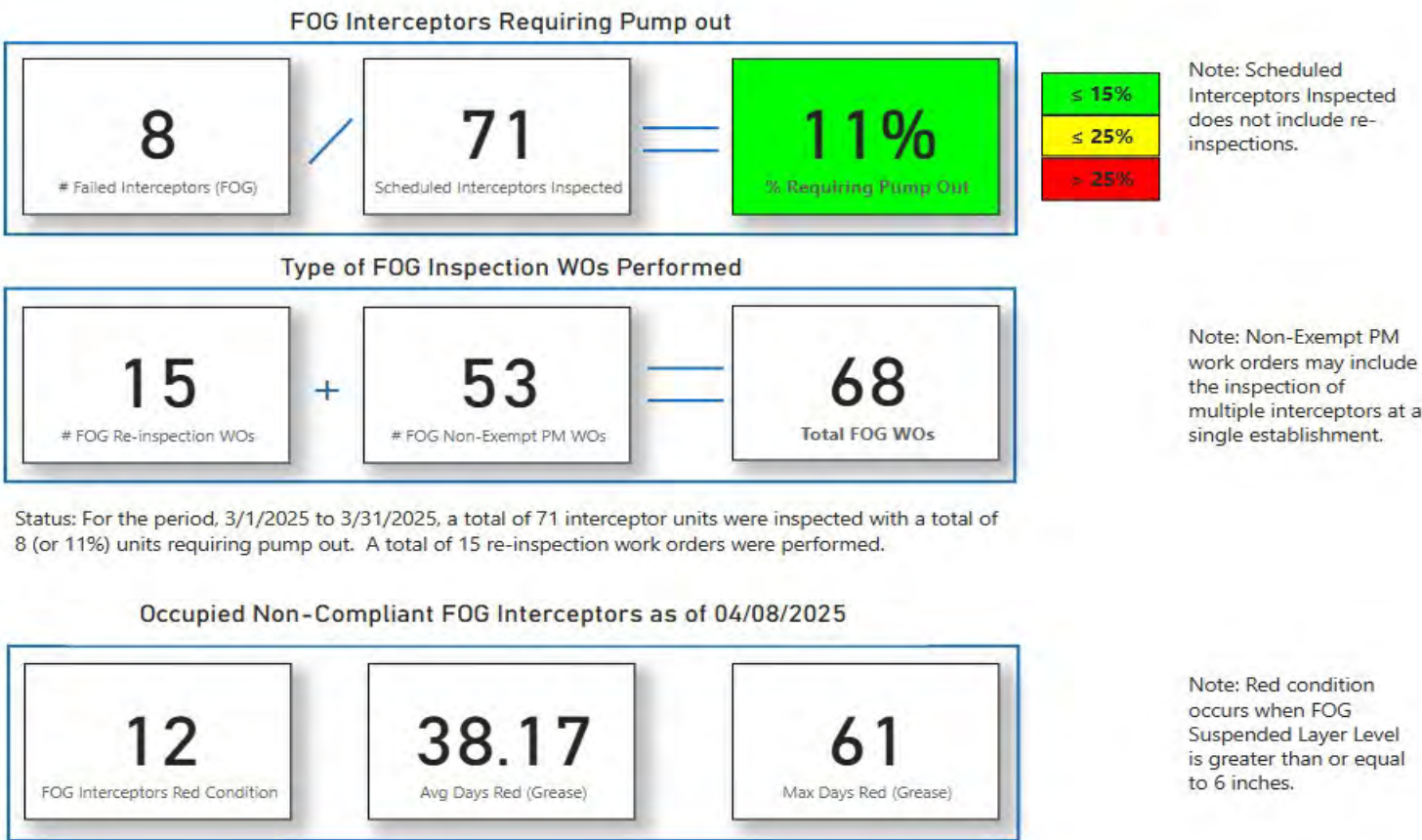
Plant											Pre-Treatment	IQ
Benchmark / Customer Expectation	Percent of Plant Capacity	SRT, MAvg	Aerbay NH3, MAvg	Sludge Yield, MAvg	Sludge Volume Index, MAvg	Secondary Treatment Performance	Permit Exceedance	CE CL2 Usage, MAvg	Dewatered Biosolids Cake, MAvg	IQ511 WW LSI	Grease Interceptor Inspections	NANO Blend
	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 Mar	67.24%	0.91	35.32	0.71	195	10.1	0	67.38	15.29	0.41	17	1101
Apr	65.92%	0.89	35.98	0.74	193	9.6	0	54.74	15.68	0.41	15	1133
May	63.14%	0.89	35.57	0.76	239	7.7	0	60.63	15.39	0.76	14	1146
Jun	60.33%	0.96	34.67	0.82	269	6.4	0	62.36	15.47	0.22	9	1173
Jul	58.50%	0.99	32.35	0.86	324	6.8	0	66.34	15.70	0.21	10	1075
Aug	58.50%	1.01	24.19	1.04	244	5.8	0	86.86	15.40	0.31	14	1098
Sept	60.07%	1.02	27.00	1.03	263	4.8	0	116.06	15.37	0.60	14	1082
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
Consecutive Months at Green	131	0	0	0	0	0	47	2	27	1	3	22
Metric Owner												

Metric	Explanation
SRT	Plant operators maintained a lower than desired solids retention time (SRT), in order to control the mixed liquor suspended solids (MLSS) concentration in the aeration basins. During periods of high seasonal flows and plant influent loadings, the Operators generally have to lower the SRT to maintain an optimal biological mass in the system. Higher MLSS concentrations can lead to poor sludge settleability, and detrimental downstream effects. We continued to show improvement as operators are slowly raising our SRT higher as we near the end of higher seasonal flows.
NH3	Ammonia (NH3) conversion values continued to be sub-optimal this month due to the continued challenges associated with higher than typical plant influent loadings. The NH3 conversion this month was relatively unchanged from prior month.
Sludge Yield	The sludge yield was slightly above the desired upper range of 0.80 lbs WAS/lbs CBOD produced. A higher sludge yield indicates that more biomass is produced for the same amount of organic material removed. The sludge yield is a direct correlation of the overall efficiency of an activated sludge treatment process.
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 matts 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 four (4) times during the month which caused the SVI to improve after dosing.
TSS	Secondary clarifier total suspended solids (TSS) showed improvement but still was higher than desired due to less than optimal NH3 conversion. Operators continued to monitor these variables and are seeing improvements with increased RAS chlorination, reduction of the SRT, and maintaining stable NH3 conversion after taking aerbay two offline and bringing aerbay one online.

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 3/1/2025 to 3/31/2025**



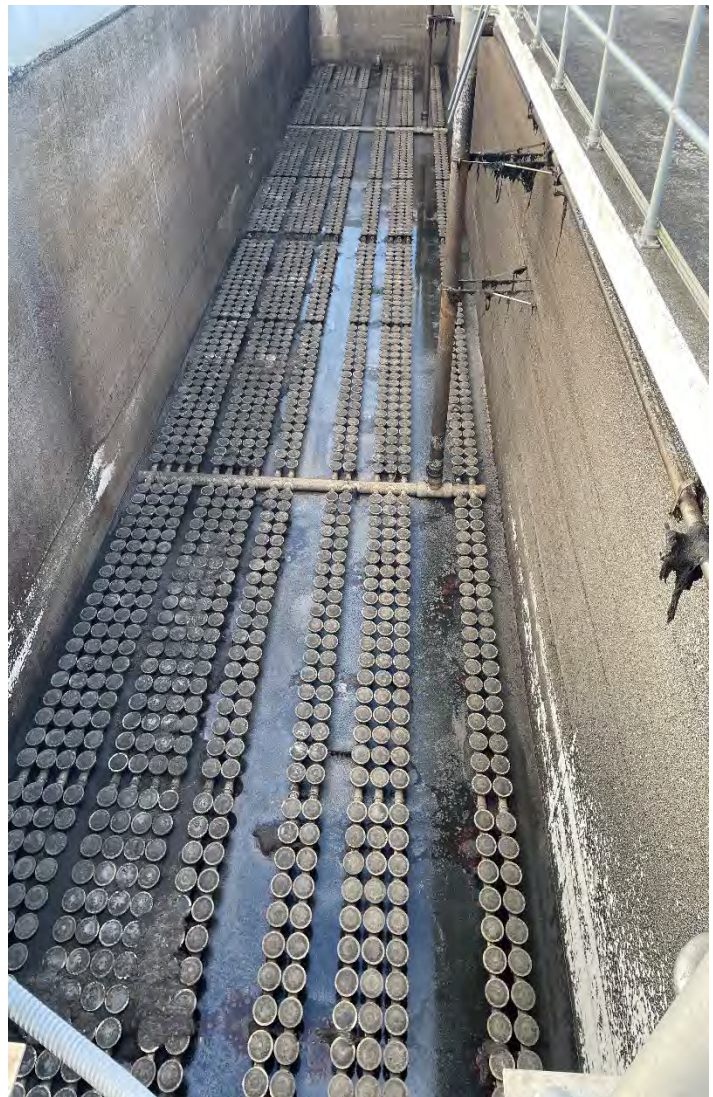
Treatment Plant:

Operations Staff continued to perform routine monitoring, sampling and general maintenance of equipment and structures. Staff also worked and/or provided operational assistance during the execution of various special and/or capital improvement projects. A few of the projects are discussed below.

This month, Operations Staff removed Aeration Basin (Aerbay) No. 2 from service and placed Aerbay No. 1 in service. Aerbay No. 2 has been in continuous service for over 5 years. Draining of the tank was performed to facilitate an interior inspection of the tank and to assess the volume of settled grit which has accumulated.

To minimize detrimental effects to the plant treatment process and the likelihood for degraded effluent quality, Staff developed a step-by-step plan for this work. The plan included initially filling Aerbay No. 1 with irrigation quality water. By doing this, Staff was able to evaluate the performance of the diffused aeration system components in the basin prior to introducing influent wastewater into the basin. This step also mitigated significant plant hydraulic impacts which would have occurred by simply diverting influent flow to an empty basin. Once Aerbay No. 1 was placed into service, influent flows to Aerbay No. 2 were isolated and the contents of the basin pumped into Aerbay No. 1. To minimize solids settling within Aerbay No. 2, the diffused aeration system within the basin remained operational for the entire duration of emptying.

Upon emptying of Aerbay No. 2, Staff performed a visual inspection of the quantity of settled grit in the basin. The preliminary findings of the inspection indicate that there is a relatively minimal amount of settled grit. Staff is currently in the process of soliciting quotes from qualified contractors to perform tank cleaning and grit disposal. Completing this work in advance of the upcoming pilot test project ensures that there will be unobstructed access during the installation of the pilot test equipment and provides Staff confirmation that the grit removal system at the headworks structure is performing as intended.



Aeration Basin No. 2 – Interior View

During the month of April, Operations Staff completed a comprehensive evaluation of the historical process calculations and methodologies utilized at the wastewater treatment plant to determine the appropriate chlorine dosage applied to the Return Activated Sludge (RAS). This dosing strategy is a critical component in mitigating the proliferation of filamentous organisms, which adversely affect sludge settling characteristics and the Sludge Volume Index (SVI).

The analysis revealed that the existing chlorine dosing practices could be optimized. Specifically, it was determined that the chlorine dose applied to the RAS can be reduced while still achieving the desired improvements in sludge settling. This adjustment also minimizes the potential for negative impacts to the biomass, including unintentional die-off, which could result from excessive chlorine application.

As a result of this evaluation, Operations Staff developed and implemented a calculation tool within the WIMS (Wastewater Information Management System) platform. This tool assists operators in determining the appropriate chlorine dosage based on current biomass levels within the system, promoting more precise and sustainable process control.

Calculation of RAS Chlorination	
Current Aerbay Solids Inventory From HACH (lbs)	13237
Current Clarifier Solids Inventory From HACH (lbs)	567
Total Solids Under Aeration (lbs)	13,804
Desired CL2 Dose 5-10 LBS/1,000 LBS of MLSS/Day	10
Required CL2 LBS/Day	138
CL2 RAS Dose mg/L	57

Aquatic Informatics WIMS – RAS Chlorine Dosage Calculator

Maintenance Department:

The Maintenance Department continued to efficiently perform planned maintenance (PM) tasks over the last monthly period. In addition to the completion of standard PM tasks, the Maintenance Department addressed non-routine maintenance items as well as “special projects.” A few examples of these types of projects are presented below.

As part of the District's ongoing efforts to ensure the reliability and performance of critical process equipment, Staff worked with the equipment manufacturer, Parkson Corporation, to perform planned maintenance on the influent mechanical screening units at our wastewater treatment plant. To facilitate this work, the screening units were successively isolated and taken out of service. Once isolated, staff proceeded to disconnect all electrical and mechanical components to allow for the removal of the units. The screening units were then lifted and placed at ground level to provide safe and efficient access for completion of the maintenance activities.

The scope of work included the replacement of the gear reducer units associated with both the screening drive and the brush drive mechanisms. Additionally, all drive system bearings were replaced to restore optimal mechanical functionality and ensure long-term operational reliability. Another important element of work performed was the replacement of the side seals on each unit. These seals play a vital role in preventing the bypass of inorganic materials—including plastics, paper, and rags—around the screening units. Effective sealing is essential to maintaining proper screening efficiency and reducing the risk of downstream equipment fouling or damage.

The influent mechanical screening units are one of the most critical components in the preliminary treatment stage of wastewater processing. Its proper operation is essential for protecting downstream treatment processes from the detrimental effects of inorganic screenings. These materials can impair biological treatment performance, clog pumps and pipes, and, in excessive quantities, reduce overall treatment capacity.



Mechanical Screening Unit Maintenance

Lastly this month, Staff also worked closely with the manufacturer of Belt Filter Press No. 1 (BFP No. 1), Alfa Laval, to perform critical repairs to the belt drive unit to replacement the main drive roller. During a previous mechanical failure of BFP No.1 it was discovered that the shaft of the drive roller was extremely worn and required replacement. At that time, Staff made temporary repairs to the unit to get back in service and contacted the manufacturer to evaluate permanent repair options.

The replacement process was highly labor-intensive and required substantial disassembly of the belt filter press unit. Multiple sub-components had to be removed to gain the necessary access and clearances for safe extraction and installation of the new drive roller. The complexity of the work was further increased by the limited space and numerous structural obstructions surrounding the unit, which posed additional challenges during equipment handling and maneuvering. To facilitate the replacement, the filter belt itself also had to be fully disassembled and later re-spliced upon completion of the work. This step was essential to provide unobstructed access to the main roller and to maintain proper belt alignment and operation post-installation.

In the end, all work was completed successfully over the course of two days, restoring the unit to full operational status. This maintenance effort has significantly improved the mechanical integrity of the belt filter press and is expected to enhance the long-term reliability of the sludge dewatering process.



Belt Filter Press Unit No. 1 – Main Drive Roller Replacement



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: April 10, 2025
SUBJECT: Information Services Monthly Governing Board Update for March 2025

WildPine Ecological Laboratory

Riverkeeper Project

In March, the lab staff and our partners collected 120 water quality samples from 18 monitoring stations throughout the watershed. A total of 66 fecal indicator bacteria samples were analysed 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 March 2025 scored “Good” with 88% of all samples meeting the EPA/DEP water quality criteria for each site, better than last month’s “Good” score of 83%, and last year’s March “Good” score of 80% (see score card below). March is traditionally the best month for water quality. In the midst of the dry season, the nitrogen, phosphorus and bacteria scores are all good as rainfall and stormwater flows to the river are low.

For the core parameters, *total nitrogen* scored “Good” during March with 94% of sites meeting the water quality criteria. This was similar to last month’s score of 92% and last year’s March score of 92%.

Total phosphorus results scored “Good” in March with 100% of sites meeting the water quality criteria. This was better than last month’s score of 96% and last year’s score of 80%. It has been two years since we have seen phosphorus scores this good and the scores have shown gradual improvement over the last six months.

Chlorophyll results scored “Fair” for the month of March, with 78% of sites meeting the stringent water quality criteria, which was an improvement over last month’s “Fair” score of 65%, and better than last year’s “Poor” score of 44% for March. It has been two and a half years since we have seen chlorophyll scores this good and, like phosphorus, the scores have shown improvement over the last six months.

For the combined *fecal indicator bacteria* (fecal coliforms in all waters, enterococci in marine and brackish waters, and *E. coli* in fresh waters), March results scored “Good” with 86% of sites meeting the water quality criteria, better than last month’s score of 81%, and similar to last year’s March score of 88%.

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

SampDate

3/1/2024

3/27/2025

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

March
2025

88%
Overall

120
Total Samples

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

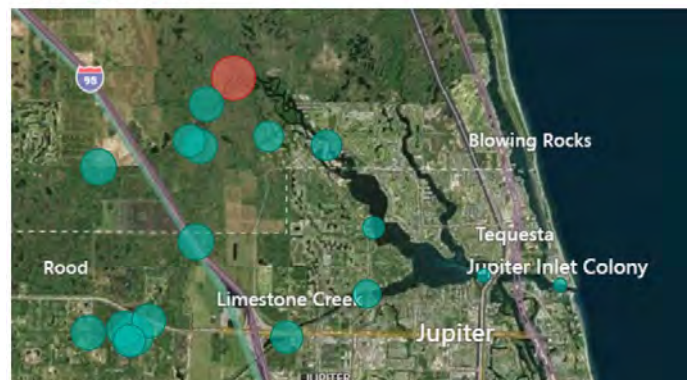
Year	Month	# Samples	Overall Score	# TN Samples	Total Nitrogen Percent Good	# TP Samples	Total Phosphorus Percent Good	# CLA Samples	Chlorophyll Percent Good	# BAC Samples	Bacteria Percent Good
2025	March	120	88%	18	94%	18	100%	18	78%	66	86%
2025	February	153	83%	26	92%	26	96%	26	65%	75	81%
2025	January	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%
2024	September	144	60%	25	88%	25	72%	25	48%	69	51%
2024	August	176	70%	33	79%	33	61%	33	55%	77	77%
2024	July	179	73%	32	97%	32	72%	32	44%	83	75%
2024	June	144	58%	25	88%	25	48%	25	40%	69	57%
2024	May	158	77%	30	87%	30	77%	30	50%	68	85%
2024	April	165	80%	32	97%	32	81%	32	50%	69	86%
2024	March	143	80%	25	92%	25	80%	25	44%	68	88%
Total		2032	74%	366	90%	366	75%	366	53%	934	76%

Spatial Distribution of Water Quality Results

In March, *Total Nitrogen* levels scored "good" at 17 out of 18 sites (94%) tested. The one site that tested "poor" was located at the mouth of Kitching Creek (Station 65). That station had a nitrogen result of 1.6 mg/L, just over the Numeric Nutrient Criteria of 1.5 mg/L for fresh water. During March there was little to no water flow through Kitching Creek. In fact, two shallow ditch sites in Jenkins Canal (Station 101) and the Kitching Creek Restoration Outfall (Station 111) were not sampled this month because of no water flow.

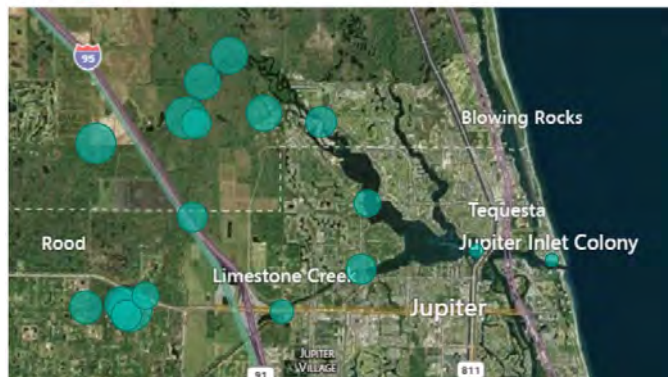
Total Nitrogen (mg/L)

TN_Score ● GOOD ● POOR



Total Phosphorus (mg/L)

TP_Score ● GOOD

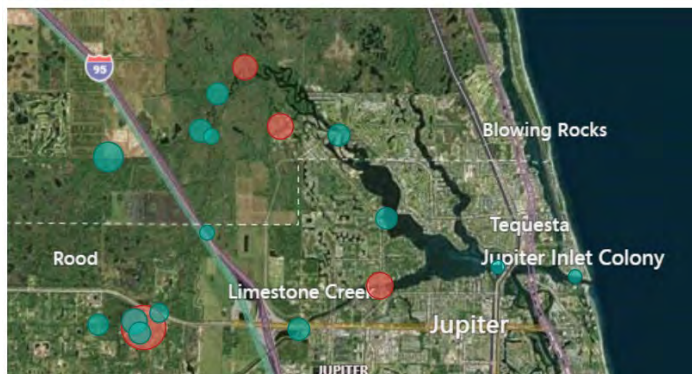


Total Phosphorus scored “good” at all 18 sites (100%) tested in March. Results continued to improve throughout the watershed this month. These scores are among the best staff has recorded in two years.

In March, *Chlorophyll* results met the water quality criteria at 14 of 18 sites (78%). Three brackish water stations in the river exceeded the strict EPA/DEP Numeric Nutrient Criteria of 5.5 µg/L and scored “poor”. Loxahatchee River Road Bridge (Station 72) in the southwest fork recorded the highest chlorophyll value at 7.6 µg/L. In the northwest fork, River’s Edge (Station 107) and the mouth of Kitching Creek (Station 65) also had “poor” results at 6.9 and 5.9 µg/L respectively. Like phosphorus, these chlorophyll scores are among the best staff has recorded in two years.

Chlorophyll a (ug/L)

CHL_Score ● GOOD ● POOR

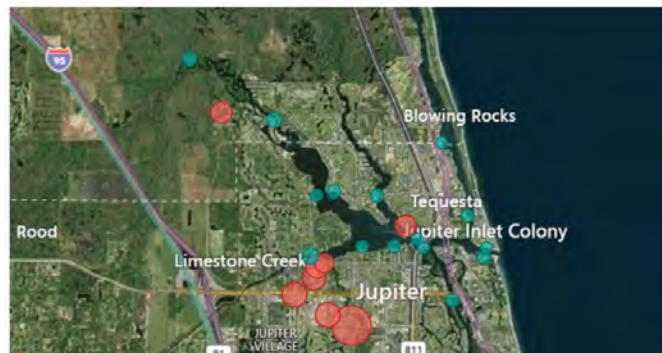


In March, the overall *Bacteria* results scored "good" at 57 out of 66 sites (86%). For Enterococci bacteria, the state's preferred indicator for salt and brackish waters, eight stations scored "poor" compared to the water quality standard of 130 MPN/100mL. Six of the eight stations were all located in Jones Creek and Sims Creek. The Toney Penna Footbridge site in Jones Creek (TPJ) recorded the highest Enterococci concentration at 4,352 MPN/100mL, an increase from last month's 3,255 MPN/100mL. The other creek sites, which all scored “poor”, had concentrations less than one thousand. Overall, the stations in Jones Creek averaged 1,859 MPN/100mL, very similar to last month's average of 1,825 MPN/100mL, and still below the peak of 6,272 MPN/100mL recorded in September 2024.

For fecal coliform bacteria, three stations were scored "poor" compared to the water quality standard of 800 MPN/100mL. Like the Enterococci bacteria described above, these "poor" stations were all located in Jones and Sims Creeks. The Toney Penna Footbridge (TPJ) in Jones Creek recorded high fecal coliform levels at 2,247 MPN/100mL. The other two “poor” stations were in Sims Creek. The mouth of Sims Creek at the Center Street Bridge (Station 73) and the Center Street Mobile Home Park (Station 735) were reported to be 1,553 and 1,274 MPN/100mL respectively. Overall, the stations in Jones Creek averaged 926 MPN/100mL for fecal coliforms, down from last month's average of 1,151 MPN/100mL.

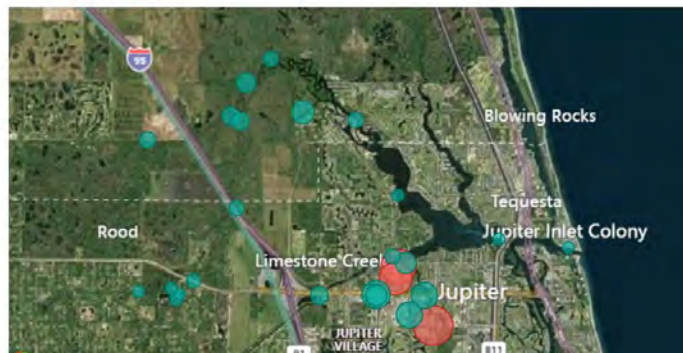
Enterococci Bacteria - Criteria: 130 MPN/100mL

ENT_Score ● GOOD ● POOR



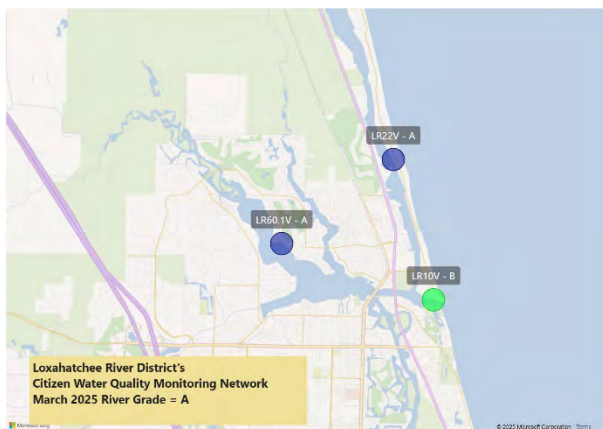
Fecal Coliform Bacteria - Criteria: 800 MPN/100mL

FC_Score ● GOOD ● POOR



The dry conditions and lack of stormwater runoff is major contributor to good water quality scores for all of the parameters this month.

Volunteer Water Quality



The Loxahatchee River Citizen Volunteer Water Quality Grade for the month of March again scored "A". The only deviations were water clarity at the Indian River Lagoon Site (LR22V) was suboptimal this month due to some reported turbidity, and the Inlet site (LR10V) experienced some elevated pH and lower dissolved oxygen readings that lowered the score for that site. But when all the data was combined, the overall water quality grade for March was a solid "A".

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	23.5	4.7	34.9	8.6	6.2	88.7	1.0	A	A	C	A	B	A	80.6	B
LR22V	25.5	0.6	36.0	8.2	6.6	98.8	1.0	D	A	A	A	A	A	93.2	A
LR60.1V	21.0	1.0	31.8	8.4	5.6	74.9	1.0	A	A	A	A	A	A	97.8	A
Average	23.3													91.3	A

DO (Dissolved Oxygen)

ND (No Data)

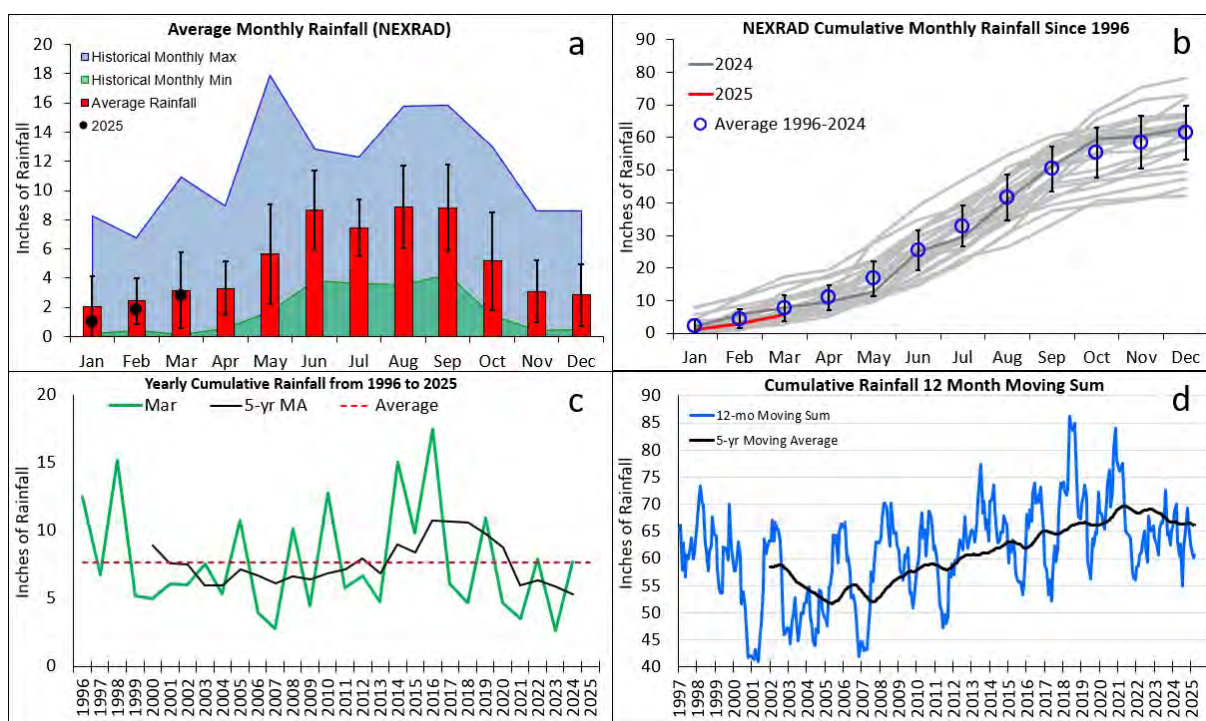
Grade Scale

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

Hydrologic Monitoring

During March, rainfall across the watershed averaged 2.8" (see panel 'a' below). This was about 11% below the historical monthly average of 3.2" for the month of March, and slightly higher than the 2.1" recorded in March of last year. Rainfall was observed on 11 out of 31 days, with the highest single day total of 1.1" on March 25. Year to date cumulative rainfall indicates a slow start of rain for 2025 with a total of only 5.6" so far, well below the 7.6" average cumulative rainfall through March (panel 'b' below) as well as below the 7.7" of cumulative rainfall recorded during the same period last year.

Cumulative trends continue to indicate a general decline in annual rainfall since its peak in 2018, following a decade of increased March rainfall. The 5-year moving average has also been decreasing (see panel 'c' below). The 12-month moving sum through March was 60.7", slightly below the year-over-year moving sum of 61.3" (see panel 'd' below). Since around 2010, long-term trends show that total rainfall within the watershed has generally been on the rise. However, after reaching it's peak in 2019, total rainfall has been gradually declining.

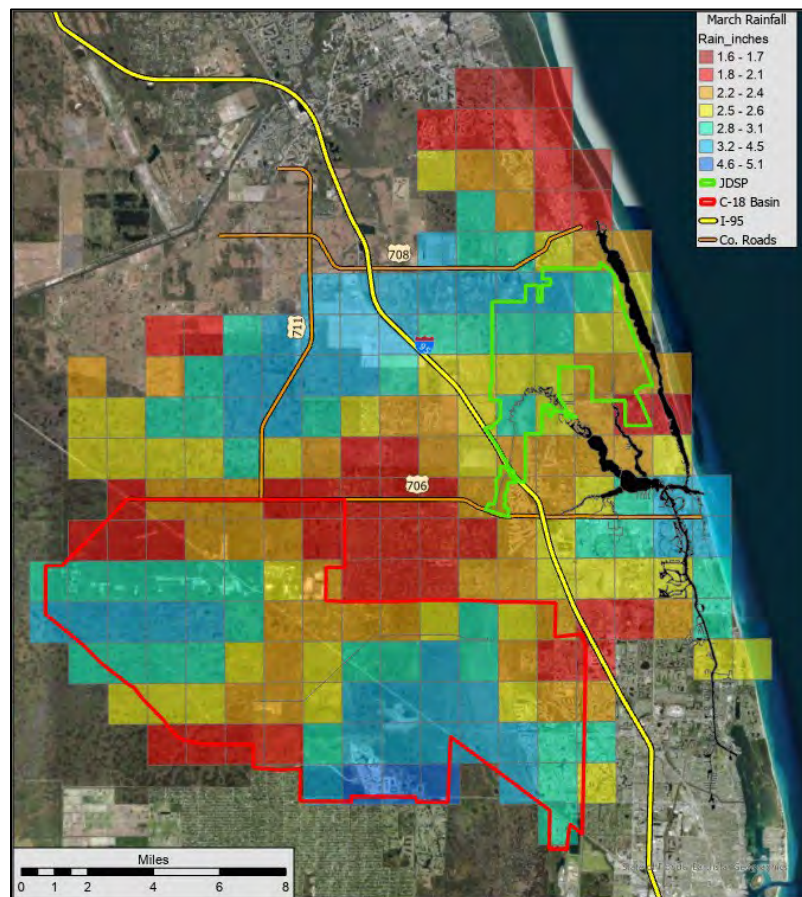


Figures above display various measures of rainfall. Panel (a) shows average monthly rainfall from 1996 to 2024 (red bars; error bars indicate ± 1 sd). Black dots indicate monthly rainfall for the current year. The blue and green shaded areas show the maximum and minimum rainfall ever recorded for each month. Panel (b) shows monthly cumulative rainfall for each year since 1998. 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

Rainfall across the watershed during March ranged from 1.6" in the driest regions to 5.1" in the wettest regions (see map below). Unlike many other months of observations, the rainfall during March was scattered in patches distributed across the watershed, compared to more generalized patterns with more rainfall along the coast during the dry season, and more rainfall in the wester portions of the watershed during the wet season.

In March, some of the drier regions included the Atlantic Ridge Preserve to the north and areas near Jupiter Farms in the central region of the watershed. The isolated pockets of wet regions included Loxahatchee Slough to the south, Pratt & Whitney facility to the west, and PalMar and Nine Gems recreational areas in the north-central region of the watershed. In the dry season rainfall tends to occur along the coastal areas, and in the wet season more rainfall tends to fall in the western areas.



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. (706), Seminole Pratt-Whitney Rd. (711), and Bridge Rd (708).

River Flows and Salinity

Flow through the Lainhart Dam continued to hover just above the 35 cfs Minimum Flow and Level (MFL) target ranging between 36 to 45 cfs, with an overall average of 40 cfs (see top panel in figure below)

As we discussed during last months Watershed Status report, for the calendar year 2025 we have now documented three episodes of salinity spikes at the River Mile 9.1 USGS water quality station during the 3rd quarter moon phase. These salinity spikes have pushed the 20-day rolling average of salinity measurements (the MFL criteria) above the 2 PSU limit resulting in 46 days of MFL salinity exceedances since January 1, 2025.

The next 3rd quarter moon phase, and the corresponding 4 days of low tide coefficient, will occur April 18-21 so it will be interesting to see if we measure another salinity spike as we did the previous three months.

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



Loxahatchee River District
WildPine Laboratory
www.loxahatcheeriver.org

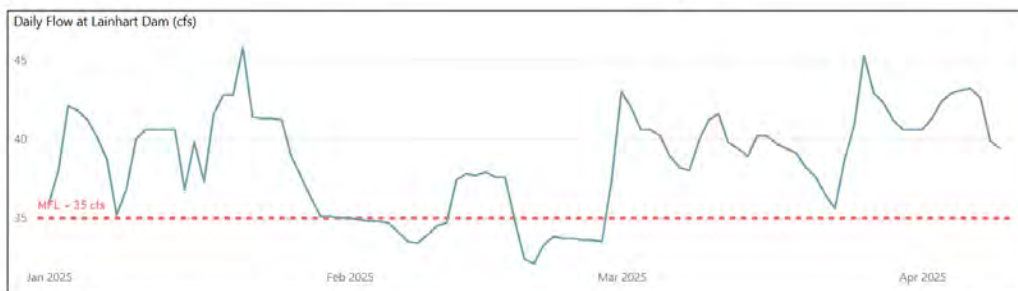
Loxahatchee River Flow at Lainhart Dam and Salinity at River Mile 9.1 Relative to the Minimum Flow & Level (MFL)
Data from USGS. MFL Exceedance when Flow is less than 35 cfs for 20 consecutive days or Salinity 20d rolling average is greater than 2 ppt.

Date Selector - Slide ends of bar to change dates or enter dates in boxes

1/1/2025 4/9/2025

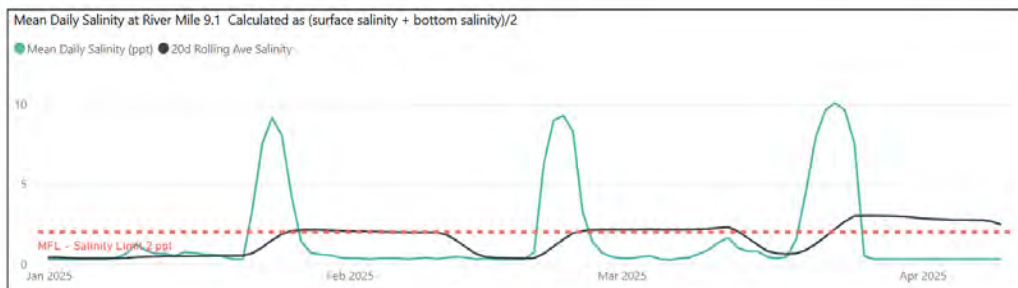
H

South Florida Water Management
District's
Real-time Flow Data for Lainhart
Dam Available [HERE](#)



Days of Flow Less Than MFL
for Selected Dates
20

Average flow (cfs) for
Selected Dates
38.54



Days of Salinity MFL
Exceedance
46

Average Salinity (ppt) for
Selected Dates
1.62

Oyster Spat Monitoring

The 28-day period ending April 4 indicates an early start to the oyster settlement season. The Northwest Fork exhibited the highest activity, with an average oyster spat density of 10,111 spat/m² (see figure below). Most of this settlement, approximately 88%, occurred at the downstream site. This density is significantly higher than the period average of 2,505 spat/m² and many times greater than the 570 spat/m² observed during the same period in 2024. It is also very close to the period record of 10,764 spat/m² set in 2020.

Similarly, the Southwest Fork experienced a substantial increase in settlement activity, with an average density of 4,695 spat/m². Slightly more than half of this activity, about 58%, occurred at the upstream site. This density is far above the period average of 1,970 spat/m² and 16% higher than the density observed during the same period in 2024. Like the Northwest Fork, this period's density in the Southwest Fork is very near the period record of 4,723 spat/m², also set in 2020.

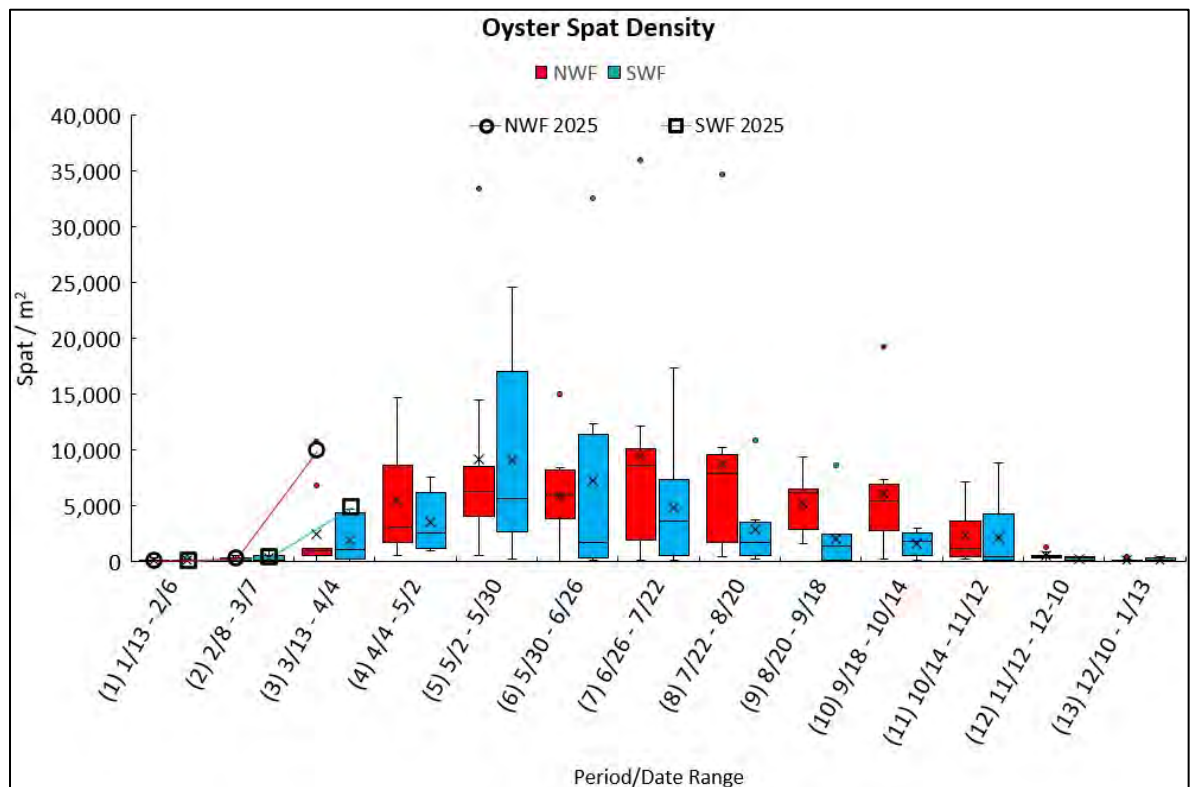
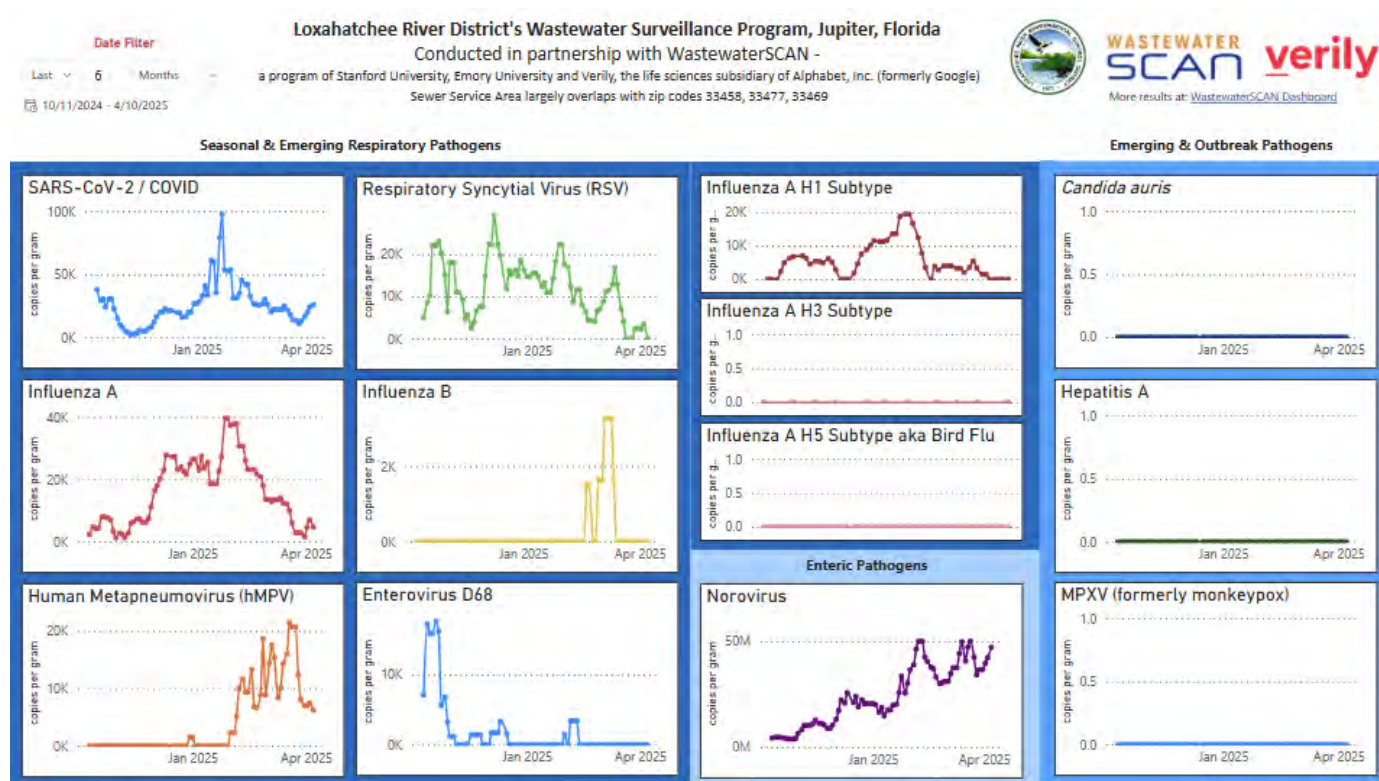


Figure: Box and whisker plot showing interquartile range (IQR) of oyster spat density (spat / m²) for each period in the Northwest Fork (red) and Southwest Fork (blue) of the Loxahatchee River between 2016-2024. The "X" in each box indicates period mean. Also shown are the 2025 period means for both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

Wastewater Surveillance

The wastewater surveillance results indicate that many of the common illnesses that we monitor have declined from their highs during the winter months, with the exception of Norovirus which is still near its highs this year (see chart below).

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



Wastewater Surveillance results from the WastewaterScan program over the last 6 months.



CY Chen Achieves State of Florida Professional Engineering License

A big high five goes to CY, our Ph.D. Senior Scientist, who has now added the distinguished title of professional engineer (P.E.). CY's combination of his Ph.D. and P.E. license credentials demonstrates significant dedication and expertise in both research and engineering practices. This rare blend of credentials brings significant credibility and respect to his work here at the Loxahatchee River District.

Customer Service

Billing & Payments

In March, Staff closed out the first quarter 2025 billing by processing nearly 2,560 payments totalling over \$385K and preparing for the 2nd Quarter Billing. The first quarter payment patterns were unusual in that we had roughly 3,000 more payments during the first month of the quarter (over 13,600 in January) than we have previously observed. This resulted in fewer payments than we typically receive during the busy 2nd quarter of the months when the bills are due. It will be interesting to see if this change in payment patterns repeats in Q2.

There were no striking differences in the patterns of payment methods, but we did notice a shift of roughly 400 payments away from online bill pay through the customer's bank to web/phone payments compared to a year ago. It continues to surprise us that only 20 percent of our customers pay through their banks online bill pay.

2nd Quarter Billing began April 9th.

Improved Payments Portal

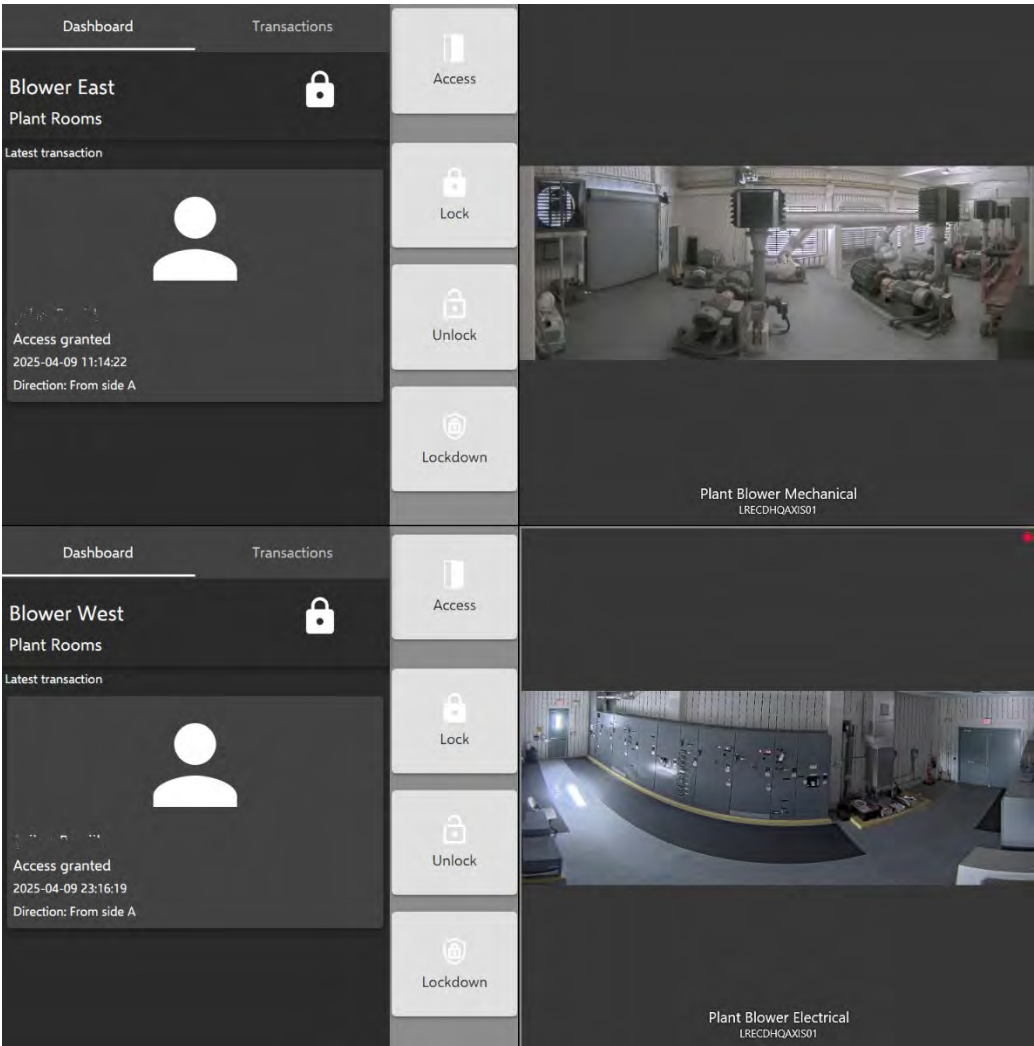
The new and improved payments portal is finally here! The new system is more intuitive and functional, especially for tablet/mobile users to setup an account, create/manage their automatic and scheduled payments, manage payment methods, and other tasks. We have promoted the release of the new system on our Q2 Billing and look forward to more customers successfully signing up for automatic payments.

Information Technology (IT)

Physical Security Management

The IT team has completed a project to further improve the site security for the District. In this project, we have replaced the door access control system and integrated it with our camera control system.

Now, through one interface our staff can review live and recorded history of cameras and door access information simultaneously, rather than through two different systems with our prior configuration. This integrated system of the cameras and door access control provides improved awareness, security, operation, and management of this information.



New split view of door access information and cameras for one of the plant buildings.

Loxahatchee River Environmental Center

April 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	Mar	1,697	128	90%	198	4.7	8.0	103%	112%
	Apr	1,162	93	88%	91	4.7	8.0	106%	112%
	May	1,153	87	117%	200	4.9	8.1	117%	106%
	June	2,870	127	111%	719	4.8	7.5	96%	86%
	July	2,120	166	93%	1,132	4.8	8.0	94%	109%
	Aug	1,258	80	141%	346	4.8	7.2	92%	101%
	Sept	1,024	62	100%	221	4.5	7.5	91%	97%
	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%
Consecutive Months at Green		0	3	1	11	13	13	9	9
Metric Owner		O'Neill	O'Neill	Duggan/Warwick	Patterson	O'Neill	O'Neill	O'Neill	O'Neill

Metric	Explanation
Total Visitors	We again had to cancel programs due to low sign-ups which lowered our Total Visitors number. We also saw fewer people during Spring Break than we normally do.

River Center General

Town of Jupiter – Centennial Celebration: “Preserving Paradise” Panel Discussion [March 19th]

This year marks the 100th anniversary of the Town of Jupiter, and a full calendar of events has been planned to commemorate the milestone with the community. As part of the celebration, the Natural Resources Department hosted three events in March: a beach clean-up, a natural history presentation on the Loxahatchee River, and a “Preserving Paradise” panel discussion featuring leading voices in local environmental conservation. Dr. Albrey Arrington was honored to participate in the panel alongside a distinguished group of environmental leaders, including Benji Student (Palm Beach County Environmental Resources Management), Dick Roberts (Florida Park Service, retired), Joe Chaison (Jupiter Inlet District), and Emily O’Mahoney (2GHO, FASLA).



You can view the video of the event here: <https://www.youtube.com/live/ZPMkME9gJXk>

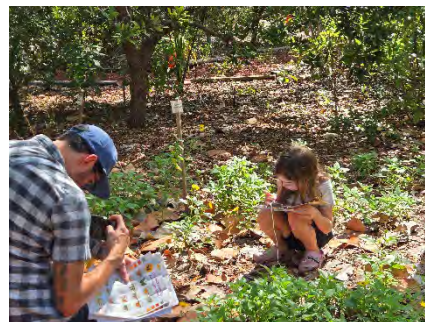
River Center Special Programs

Atala Festival [Saturday, March 1st]



Our annual Atala Butterfly Festival was successful and lots of fun for everyone. Over 300 people attended the event. Highlights of the event included three lectures given by Dr. Peter Lekos about Monarch butterfly photography, Teri Jabour and her presentation on Atala butterflies and other uncommon butterflies, and Dr. Amanda Pike presenting about native and pollinator plants in a food forest. This year we welcomed exhibitors from MacArthur Beach State

Park, Treasure Coast Cisma, The Florida Native Plant Society, The North American Butterfly Association, UF IFAS Master Gardeners, and Nature’s Backyard Nursery. We were fortunate to welcome back local author Gail Gray Tanis for two story time presentations of her book “Monica to Monarch”. Other activities included a garden scavenger hunt, nature journaling, our pollinator vision room, and some beautiful butterfly crafts. It was a wonderful day celebrating our local pollinators!



Homeschool Workshop – Pollinators [Wednesday, March 5th]

Our March Homeschool Workshop was all about pollinators! Students learned what pollinators are and why they are important in an ecosystem. Students discovered that pollinators assist with the production of the produce we eat, and without pollinators we would have significantly less food. Students played a pollination game where flowers and bees worked together to feed and make new flowers. It was a fun and engaging workshop, and we can’t wait for our birds of prey workshop in April.



Lecture Series [Friday, March 7th]



This month's Lecture was given by Eric Suarez, Invasive Species Researcher. Eric's talk was about the invasive wildlife issues Florida has historically had and is currently facing. The presentation focused on a brief overview of invasion ecology with a focus on invasive reptiles. Eric also highlighted the research the "Croc Docs" lab is currently conducting on two invasive species; the Argentine

black and white tegu, and the Burmese python to show some of the impacts they have on our native species and habitats.

Nature Hike- Jupiter Ridge Natural Area [Tuesday, March 11th]



The River Center team facilitated a nature hike as part of our Naturalist Series. Twelve visitors and two staff took a trip through the Jupiter Ridge Natural Area. Over 270-acres of scrub, scrubby flatwood, mesic flatwoods, depression marsh, and mangrove swamp ecosystems are in this natural area. Participants walked along wet prairie trails viewing Ospreys, Carolina Willow, Sand Beach Oaks, Sand Pines, Deer Moss, Star-Grass, and the largest netted paw-paw plants! This site is always full of surprises!

Afterschool Science with Sam [Tuesday, March 18th]

Students had a wonderful time learning about fungi and doing science experiments with mushrooms! We learned how fungi are classified separately from plants and got a chance to look up close at mushroom anatomy. Students understood why fungi are important in nature and how humans rely on fungi in our daily lives. We did some fungi investigation with River Center grown mushrooms, and at the end of class students created their own take home fungi experiment to watch mushrooms grow at home!



Afterschool Book Club – The Enchanted Life of Valentina Mejia [Wednesday, March 12th]

Our middle grade afterschool book club meeting this month was full of color! Our students had such insightful questions for author Alexandra Alessandri during their meet and greet. She talked about how the landscapes and memories of her childhood visits to Colombia inspired her novel. After our discussion, the students went outside for some messy splatter-painting inspired by street art. We focused on the amazing flora and fauna of Florida as the inspiration for our pieces and created maps of our own alternative "magical" lands.





Birding Boat Tour [Thursdays, March 20th]

The Wings on the Water boat tour set sail for the first time in an exciting partnership between Audubon Everglades and Aqua Adventure Tours. Departing from Burt Reynolds Park, we cruised down the Intracoastal Waterway to the Juno Dunes Natural Area, taking in the stunning sights and abundant wildlife along the way. Fittingly, our vessel, the *Osprey*, lived up to its name as we spotted numerous ospreys soaring above and perched along the water's edge. The tour also treated us to sightings of swallow-tail kites, little blue herons, great blue herons, egrets, and blue jays, offering a fantastic glimpse into Florida's diverse birdlife. This inaugural journey was a true celebration of nature, bringing together birding enthusiasts and adventurers for an unforgettable experience on the water.

Evening Lecture [Friday, March 21st]

This month's evening Lecture was given by Mike Jenkins, senior coastal engineering principal at Geosyntec. This talk dove into the world of tropical cyclones: the science, the history, and the interesting facets of this world-wide weather powerhouse. His presentation gave a greater understanding of what we know (and don't know) about hurricanes and how they have shaped the world, state, and region we live in!



Archery 101 [Saturday, March 22nd]

The River Center recently hosted our Archery 101 class at the scenic 20-Acre property. This hands-on program offers participants a safe and educational introduction to the fundamentals of outdoor archery. Designed to inspire students to get outside and engage with nature, the course helps build confidence while encouraging physical activity in the great outdoors. Participants learn about the different parts of a bow, proper shooting techniques, range and bow safety, the history of archery, and the importance of mindfulness while practicing. The class also includes range time for



students to develop their shooting skills in a supportive environment. All archery equipment was generously funded through a grant from the Florida Fish and Wildlife Conservation Commission (FWC). This program also highlights our connection to the Loxahatchee River District through both land stewardship and our ongoing conservation efforts to protect the adjacent river ecosystem.





Tots on Trails – Wonderful Weaving! [Wednesday, March 26th]

This month our Tots on Trails program took place at the Frenchman's Forest Natural Area. This natural area is home to over 500 different animal species! Our young naturalists had a blast gathering natural items and weaving them into masterpieces. We counted trail markers, spotted some fish, and even saw some fresh mushrooms from the recent rain! Everyone loved showing off the different items they found along the way.

Nature Hike – Cypress Creek South [Friday, March 28th]

On Friday, March 28th the River Center hosted a nature walk to Cypress Creek South Natural Area located in Jupiter Farms. This natural area is one of two parts that



span both sides of Indiantown Road and includes: pine flatwoods, cypress domes, and marsh habitats. Along our walk we saw osprey, great blue herons and black-bellied whistling ducks! This trail was also abundant in unique plants like the blooming yellow milk wart and cardinal air plants. It was a beautiful day, and we look forward to our next nature walk. We had 9 participants attend.



Family Fishing Clinic [Saturday, March 29th]

As part of our spring break activities, the River Center conducted a Family Fishing Clinic. This program began with a classroom session lasting about 45 minutes, where we covered fishing regulations, knot tying, various forms of tackle, fish identification, and the importance of safety while fishing. After the basics were covered, we went outside to try some casting with our fishing poles. The last 45 minutes of

the clinic are just for fishing. Our guests bait their hooks and take to the dock to await their potential participants for this clinic.



Jonathan Dickenson State Park SpringFest Outreach [Saturday, March 29th]

The River Center did an outreach at Jonathan Dickenson State Park for their SpringFest Event. We brought three reptiles, a turtle, alligator and snake, to give a 45 min. animal encounter during the event. We had 90 people come watch our reptile presentation and learn about the River Center!

Volunteer of the Month

Our March Volunteer of the Month is Kate Johnson. Kate has truly stepped in and helped in many areas. She has already become a valued member of our animal care team and helps with our education programs. Since joining our team in September, Kate has volunteered at the Center, helped train new volunteers, and helped at many special events. Kate has consistently gone above and beyond to make every guest feel welcome. Her compassion, attention to detail, and willingness to take on any task, no matter how big or small, has made a significant impact on the Center and the many animals under her care. We are so thankful for Kate and her dedication to The River Center. Thank you, Kate for your dedication 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.

April 18, 10:00 a.m. – 12:00 p.m.: Sensory Friendly Exploration: During our Sensory Friendly Exploration, we open our center early just for our visitors who need a low sensory experience. We will offer two separate sessions during the morning to reduce noise and prevent crowding. The following offerings will also be available for our guests during their visit:

- Sensory bags for checkout which include noise-cancelling headphones, sunglasses, fidgets, and communication boards
- Interactive stations with biofacts and coloring
- Short-form documentary showing in our classroom
- Designated quiet space
- Social story of visit expectations sent out prior to your visit
- Staff will be available to assist with the touch tank and answer questions as needed.

If you have any requests for specific accommodations, please let us know! Please RSVP to attend, this program has strict space limitations.

April 18, 6:00 p.m. – 7:00 p.m.: Evening Lecture [Lionfish Invasion]: Join our speaker, Christine Rain, Lionfish Huntress, to learn more about this topic. Learn about what lionfish are, where they came from, why they are here now, what we can do to control the invasion and how to fight the destruction lionfish are causing to our native reef fish and invertebrate populations. Christine Raininger has been a local to Martin and Palm Beach county since graduating from Boise State University (Environmental Studies & Sustainability) when she moved down here to be part of the Americorps Non-Native [Plant] Terminator program in our Florida State Parks and then with FWC Conservation Planning Services. She practices natural resource management and conservation across many types of ecosystems and has learned how Florida is combating invasive species on many fronts. Christine's always been close to water, whether it be freshwater lakes, rivers, or the ocean while swimming, surfing, or SCUBA diving. For the past decade she's been diving and hunting lionfish off our coasts in as deep as 130' ... but soon to be deeper with advanced nitrox and decompression diving so she can reach more lionfish! She works in wildlife conservation mostly on land, but is most passionate about lionfish hunting, lionfish eating, and creating art using the beautiful lionfish fins and skins.

April 19, 10:00 a.m. – 11:30 a.m.: Science with Sam [Earth Day]: Join our Scientist Sam for different science activities! In this lesson students will learn about the Earth! Earth has many cycles and goes through many changes that keep life in balance, students will learn what causes the Earth's cycles, why Earth is the only planet in our solar system with life, what the Earth is made of, and things we can do to be more Earth-friendly! There is no cost for this program but please RSVP to attend. Space is limited. Registration will open March 18th. If the "Register" button gives you an error message, please join our Waitlist!

April 22, 10:00 a.m. – 12:00 p.m.: Nature Hike [Jupiter Inlet Lighthouse Outstanding Natural Area]: Come explore with us! Tie up your hiking boots and join the River Center for our Nature Walk through the Jupiter Inlet Lighthouse Outstanding Natural Area. Walk along the guided paths and immerse yourself in this local natural area. 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. Make sure to RSVP to this event! Space is limited. If the "Register" button gives you an error message, please join our Waitlist!

April 23, 10:00 a.m. – 12:00 p.m.: Kayak Tour [Intracoastal Waterway]: Join the River Center for our Public Kayak Tour! Paddle along through the Intracoastal on this beautiful and scenic excursion. Jump on this naturalist led tour for great views of local flora and fauna. Launching from Burt Reynold's Park. All equipment will be provided but interested participants should bring water shoes, sunscreen, and plenty of water! Our kayaks are tandem kayaks, or double seated, if you do not register with a partner you will be assigned one. The cost for this program is \$20 per person. Registration is required. Space is limited. Level of Difficulty: Easy, all paddler levels welcome.

April 26, 8:00 a.m. – 4:00 p.m.: Boat America Class [Boating Safely]: Cost: \$10 to register; refunded when class is completed. The River Center continues to collaborate with the US Coast Guard Auxiliary "Flotilla 52" to provide a series of Boating Safely Classes targeted specifically to young boaters in our community. These classes are provided through a generous sponsorship by the AustinBlu Foundation, a not-for-profit dedicated to raising awareness and promoting educational programs to improve boater safety. Recommended for children 12 years and up, but all ages are welcome.

May 3, 8:30 a.m. – 12:30 p.m.: Girl Scout Workshop [Fish Like a Girl]: This is an opportunity for Girl Scouts to get "hooked" on fishing with this workshop for girls. Inspired by the "Run Like A Girl" video, we know that there are lots of things that we can do "like a girl." Girls will learn the basics of fishing including knot tying, tackle, and casting. Other topics that will be covered are: conservation, regulations and fish identification. And, of course, we will be fishing!!! Price includes Fish Like a Girl Fun Patch. DAISY, BROWNIE, & JUNIOR LEVEL SCOUTS.

May 6, 9:00 a.m. – 10:30 a.m.: Nature Journaling [Cypress Creek North Natural Area]: *Mapping*: Students study patterns in the landscape and create maps of vegetation patterns, wildlife evidence, landscape features, and other characteristics. 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. Cost is \$5 per person. Purchase the starter kit for an additional \$5 per person.

May 7, 10:00 a.m. – 11:00 a.m.: Little Otters [Blowing Rocks Preserve]: Beat the summer heat and get in the water with your little one! Join us once a month throughout the summer at the Nature Conservancy's Blowing Rocks Preserve (574 S Beach Rd, Hobe Sound, FL 33455). We will meet outside the visitors' center on the lagoon side (west side). The River Center will provide dip nets and sand toys. We'll search for urchins, conchs, and crabs while enjoying the natural beauty around us. This event is for ages 2 thru 6. Adults and children should come prepared to be in the water for an hour. This includes closed toe water shoes, sunscreen, hats, and water bottles. Adults will be responsible for their children during this program. Limited to 20 children (+ their accompanying adults). Siblings

of all ages are welcome, just include them in your registration! This program is free of charge. Please RSVP to attend. Registration will open 1 month prior to the program date!

May 9, 10:00 a.m. – 12:00 p.m.: Nature Hike [Limestone Creek Natural Area]: Come explore with us! Tie up your hiking boots and join the River Center for our Nature Walk through Limestone Creek Natural Area. Walk along the guided paths and immerse yourself in this local natural area. We will explore a path inside this natural area with uneven terrain. Interested participants should wear closed toed shoes, long pants, a walking stick, comfortable clothing and bring plenty of water. Make sure to RSVP to this event! Space is limited. If the “Register” button gives you an error message, please join our Waitlist!

May 10, 10:00 a.m. – 11:30 a.m.: Blooming in the Garden [May Flowers]: Join the River Center for our *Bloomin’ in the Garden* program, designed for children ages 3-6. This month’s theme is **May Flowers!** 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.

May 10, 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

May 21, 9:30 a.m. – 12:30 p.m.: Kayak Tour [Wild & Scenic Loxahatchee River]: Join the River Center for our Public Kayak Tour from Lainhart Dam on Wednesday, May 21st. Paddle along through the freshwater swamp on our naturalist led tour for great views of local wildlife. The cost for this program is \$20 per person. Make sure to reserve your spot today! Space is limited! All equipment is provided. Interested participants should bring water, water shoes and anything that will make them comfortable in nature. **Kayak Difficulty Level: Moderate to advance paddlers.** This tour consists of narrow waterways, heavy vegetation and strong currents. We do not recommend this tour for beginners.

May 21, 4:30 p.m. – 6:00 p.m.: Afterschool Book Club [The Adventure is Now]: Join us on Wednesday, May 21st from 4:30 to 6pm for our next afterschool book club for kids in grades 3-8. This month’s book will be THE ADVENTURE IS NOW by Jess Redman. A fun-filled, action-packed middle grade novel about a boy who learns about protecting the environment, finding real friends, and living in the now while spending the summer on a remote island. At our book club meeting, we will have a chance to meet the author to discuss the book, as well as create some of our own artwork inspired by the book! You can find THE ADVENTURE IS NOW at our local library or at a bookseller of your choice. Readers should finish the book before the meeting. If this program is full, please join the Waitlist.

May 31, 8:00 a.m. – 4:00 p.m.: Boat America Class [Boating Safely]: Cost: \$10 to register; refunded when class is completed. The River Center continues to collaborate with the US Coast Guard Auxiliary “Flotilla 52” to provide a series of Boating Safely Classes targeted specifically to young boaters in our community. These classes are provided through a generous sponsorship by the AustinBlu Foundation, a not-for-profit dedicated to raising awareness and promoting educational programs to improve boater safety. Recommended for children 12 years and up, but all ages are welcome.



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: Ed Horchar Safety Officer
Date: April 7, 2025
Subject: District Safety Report for March 2025

Safety Metrics: March 2025

OSHA recordable injuries: Zero

Lost time injuries: Zero

Actual TRIR: 1.3 [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 Injuries in March. The District has a rolling twelve-month Total Recordable Incident Rate (TRIR) of **1.3**. This is less than the District goal of 1.5. District employees have now worked ten months in a row of injury free months. The next milestone is to work injury free through May, which will tally 12 months of injury free work and a TRIR of 0.0.

The District experienced zero (0) Motor Vehicle Accidents (MVA) in March. With two MVA's in the last 12-month period, the MVA incident rate is at 2.2. Equal to the LRD MVA goal of 2.2.

Sustainment: The Power BI tracked Job Hazard Assessment (JHA) activity indicates a March JHA generation of 1525, very close to the 12-month rolling average of 1,587 per month. The District has been successfully generating a high volume of JHA's for over two years and is confident this will continue. To this point, in the future the District will no longer be tracking volume but rather focus on percent completed per work order and JHA quality/accuracy. Although not fully integrated into EAM, the Wild Pine Lab and River Center continue to utilize the JHAs and are included in the overall data. The following is an assessment of March JHAs performed per employee in each department:

Reuse:	90 JHA / employee	Construction:	13 JHA / employee
Operations:	36 JHA / employee	Inspection:	33 JHA / employee
Collections:	40 JHA / employee	Wild Pine Lab	6 JHA / employee
Maintenance:	37 JHA / employee	River Center	2 JHA / employee

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
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Dr. Matt H. Rostock
BOARD MEMBER

JHA and Work Orders: In March 100% of the applicable Work Orders (WO) included a JHA. This is two months in a row for the District. This represents twenty-eight (28) months in a row in which the District expectation of 95% was exceeded. The following is a District comparison for the percentage of March EAM applicable Work Orders generated for which an electronic JHA was completed:

Reuse:	100 %	Construction:	100 %
Operations:	100 %	Inspection:	99 %
Collections:	100 %	Wild Pine Lab	100%
Maintenance:	100 %	River Center	0 Electronic JHA

Lockout / tagout (LOTO): LOTO continues to be tracked in similar fashion to the JHA's. The machine-specific LOTO form is what an "Authorized" LOTO employee must complete prior to placing the machine / system in a locked-out condition. 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. 177 machine-specific LOTO forms were completed by District employees in March. Current data indicates the LOTO compliance rate is at 97% of applicable work orders, which above the District expectations of at least 95%. That makes it two months in a row for the District. The following is a District comparison for the percentage of March EAM applicable Work Orders generated for which a LOTO form was completed:

Reuse:	100 %	Construction:	100 %
Operations:	100 %	Inspection:	100 %
Collections:	100 %	Wild Pine Lab	NA
Maintenance:	100 %	River Center	NA

Since the District began tracking LOTO completions, average LOTO completions were 71% in 2023, 88% in 2024, and now 100% in February 2025, which is a notable improvement.

Near Miss Reporting: There was 1 Near Miss report initiated in March which is below the 12-month rolling average. Staff in the Engineering department submitted the one report. A health hazard related to spider bites was the near miss which was reported. The Near Miss Reporting Standard Operating Procedure has been enhanced to increase the efficiency of implementing corrective actions. Upon receiving the Near Miss report, the reporting employee's direct supervisor initiates the review of the concern with the reporting employee and the Safety Officer creates a work order to track the near miss progress, including closure. All District employees should continue 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 March included a two-hour classroom New Employee Onboarding Safety Training for one Collections employee, one Construction Department employees and the incoming Safety Officer. This New Hire Orientation training is conducted by the current Safety Officer and consists of a high-level review of District Safety Rules, the Safety Manual and the various Safety Programs implemented by the District. Computer Based Training (CBT) for all new hires is standardized for Human Resources, Information Technologies and Safety, and is automatically distributed to new hires on their respective first day of work. The following are standard safety-related CBT provided to new employees: New Employee Safety Orientation, PPE Awareness, Bloodborne Pathogens, Hazard Communication, Chlorine Awareness, Heat Stress Safety, and Hydrogen Sulfide (H₂S) Awareness. Additional safety-related training for the Collections and Construction Department employees included: Lockout-tagout Authorized, Confined Space Entrant and Confined Space Attendant classroom training.

Other Safety training in March included Fall protection and harness classroom training for approximately twelve District employees. Computer Based Training (CBT) included Fall Protection PPE Use and Maintenance for applicable employees. The overall training completion for November was at 100%.

On April 2nd, two-hour Electrical Safety (NFPA 70E) and Arc Flash Awareness training will be conducted for approximately twenty-two District employees, many who will be receiving arc flash PPE for the first time. On April 23rd CPR/AED/First aid training will be conducted for approximately 24 District Employees.

Introducing Jorge: I'm pleased to introduce Jorge Alvarez, who will be taking over as the new District Safety Officer. Jorge brings a wealth of experience in workplace safety and a strong commitment to maintaining a safe and healthy environment for all District employees. With a proactive approach and excellent attention to detail, Jorge is well-equipped to build on our current practices and lead new initiatives to further enhance the District safety culture. Please join me in welcoming Jorge to the role!

After many memorable years serving as the District Safety Officer, the time has come for me to step into retirement. I will be stepping down from my role on May 2nd. It has truly been an honor to work alongside such dedicated and hardworking individuals. Thank you for your support, collaboration, and commitment to safety—it made my role both meaningful and rewarding. I leave with a full heart and great memories, and I wish you all continued success and, of course, a safe journey ahead.....Safety Ed!

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.



LOXAHATCHEE RIVER DISTRICT

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Governing Board
FROM: Administration Staff
DATE: April 11, 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	\$ 6,545.69	\$ 55,383.26
Baxter & Woodman	\$ 29,299.79	\$ 109,496.16
Carollo	\$ 27,643.20	\$ 139,040.20
Holtz	\$ 7,153.50	\$ 93,897.91
KCI	—	\$ 24,794.35
Kimley-Horn & Associates, Inc.	\$ 4,335.00	\$ 70,368.50

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:

- FY2024 Budget
- Strategic Planning – in July we will begin updating our strategic plan
- Chapter 31-10 Rates, Fees, and Charges - Harbor Road South Phase 1 Sub-Regional Line Charge
- Final Assessment - 109 Old Jupiter Beach Road
- Final Assessment - 19645 Harbor Road S

Future Contracts:

- Maintenance Facility – Professional Engineering Services - Approval of Ranked Firms And Work Authorization
- Warehouse Facility – Professional Engineering Services - Approval of Ranked Firms And Work Authorization
- Lift Station 050 Collection System - Gravity System Repairs
- Misc. Lining Contract