



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

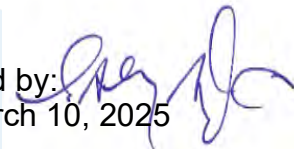
REGULAR MEETING # 03-2025

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

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

1. Call to Order & Pledge of Allegiance
2. Administrative Matters
 - A. Roll Call
 - B. Previous Meeting Minutes Page 5
 - C. Additions and Deletions to the Agenda
3. Comments from the Public
4. Status Updates
 - A. Loxahatchee River Watershed Page 11
 - B. Loxahatchee River District Dashboard Page 12
5. Consent Agenda (see next page) Page 13
6. Regular Agenda
 - A. Consent Agenda Items Pulled for Discussion
 - B. Chapter 31-10 Schedule of Rates, Fees, and Charges Page 92
 - C. Portable Generator Purchase – to approve piggyback purchase Page 123
7. Reports (see next page) Pulled for Discussion
8. Future Business Page 182
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: March 10, 2025

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Water Reclamation – Environmental Education – River Restoration

5. CONSENT AGENDA

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

- A. 2966 Jamica Drive - Final Assessment [Page 14](#)
- B. Chapter 31-10: Jamaica Drive Phase 2 - Subregional Line Charge [Page 20](#)
- C. General Electrician Services Contract - to approve contract renewal [Page 22](#)
- D. WWTF Electrical Upgrades - Phase 1- to approve contract award [Page 24](#)
- E. Low-Pressure Sewer System General Construction Services -
to approve contract award [Page 27](#)
- F. Generator Repair and Maintenance General Services Contract -
to approve contract renewal [Page 33](#)
- G. Warehouse and Inventory Management Policy - to approve policy [Page 37](#)
- H. Drug-Free Workplace Policy - to approve policy [Page 40](#)
- I. Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers -
to approve policy [Page 52](#)
- J. Near Miss Policy - to approve policy [Page 74](#)
- K. Fixed Asset Disposal - to approve disposal [Page 77](#)
- L. Change Order to Current Contract - to approve modifications [Page 78](#)

7. REPORTS

- A. Neighborhood Sewering [Page 120](#)
- B. Legal Counsel's Report [Page 121](#)
- C. Director's Report [Page 124](#)



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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

AGENDA

PUBLIC HEARING #01-2025

MARCH 20, 2025 - 6:55 P.M. AT DISTRICT OFFICES

ALL MEETINGS ARE OPEN TO THE PUBLIC

1. Call to Order and Pledge of Allegiance
2. Roll Call
3. To receive public comments pertaining to The Final Assessment For 2966 Jamaica Drive
4. Comments from the Board
5. Adjournment

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

Submitted by:

Date: March 10, 2025

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER



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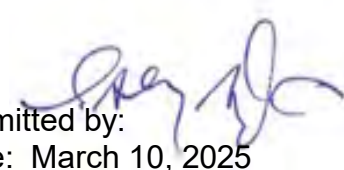
D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

AGENDA
PUBLIC HEARING #02-2025
MARCH 20, 2025 - 6:56 P.M. AT DISTRICT OFFICES
ALL MEETINGS ARE OPEN TO THE PUBLIC

1. Call to Order and Pledge of Allegiance
2. Roll Call
3. To receive public comments pertaining to The LRD Rule Chapter 31-10 Rates, Fees and Charges
4. Comments from the Board
5. Adjournment

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

Submitted by: 
Date: March 10, 2025

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Water Reclamation – Environmental Education – River Restoration



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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: March 20, 2025
SUBJECT: Approval of Meeting Minutes

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

“THAT THE GOVERNING BOARD approve the minutes of the Regular Meeting of February 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: #02-2025

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

1. CALL TO ORDER

Chairman Rockoff called the Regular Meeting of February 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. and Scott Montgomery with CBIZ CPAs, P.C,

B. PREVIOUS MEETING MINUTES

The minutes of the Regular Meeting of January 16, 2025 were presented for approval and the following motion was made:

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

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

C. ADDITIONS & DELETIONS TO THE AGENDA

Pulled 5A 2966 Jamaica Drive - Preliminary Assessment

3. COMMENTS FROM THE PUBLIC

No public comments were received.

4. STATUS UPDATES

A. LOXAHATCHEE WATERSHED STATUS

Mr. Howard presented a brief overview of the Loxahatchee River Pollution Reduction Plan; the need for the plan and some of the water quality improvement projects completed and scheduled. This plan provides the background and information for implementing a voluntary pollutant reduction plan to restore water quality impairments in the Loxahatchee River.

B. LOXAHATCHEE RIVER DISTRICT DASHBOARD

Dr. Arrington reviewed the District Dashboard.

5. CONSENT AGENDA

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

“THAT THE GOVERNING BOARD approve the Consent Agenda of February 20, 2025 with item 5a being pulled.”

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

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

No Board Action is requested at this time.

C. Manual of Minimum Construction Standards and Technical Specifications – to approve revisions

“THAT THE DISTRICT GOVERNING BOARD ratify and approve the Loxahatchee River Environmental Control District’s “Manual of Minimum Construction Standards and Technical Specifications”, as of February 20, 2025, and authorize the Director of Engineering and Executive Director to update the Construction Standards and Technical Specifications from time to time and periodically present it to the Governing Board for ratification and approval.”

D. Water Leak Credit Policy - to review and approve

"THAT THE DISTRICT GOVERNING BOARD approves the attached, revised Water Leak Credit for Non-Residential Customers Policy with an effective date of February 20, 2025."

E. Easement Abandonment - PCN # 00-42-40-33-08-015-0010

"THAT THE DISTRICT GOVERNING BOARD approve the Application to Abandon / Terminate Easement for 18455 Limestone Creek Road (PCN 00-42-40-33-08-015-001 0)."

F. Portable Generator - to approve purchase

"THAT THE DISTRICT GOVERNING BOARD authorize the piggy-back of the Sourcewell Contract #092222-GNR with Genset Services, Inc for 4-150KVA and 1-250KVA mobile diesel engine-driven generators in accordance with their quotes dated February 5, 2025 in the amount of \$486,991.28"

G. Fixed Asset Disposal – to approve disposal

<u>Description</u>	<u>Serial Number</u>	<u>Condition</u>	<u>Estimated Value</u>
2 HP Barnes Pump	C818249-0801	Beyond Repair	\$50
2 HP Barnes Pump	C818250-0301	Beyond Repair	\$50
2 HP Barnes Pump	Z100406-0418	Beyond Repair	\$50
5 HP Flygt Pump	3102.180-8481015	Beyond Repair	\$100
5 HP Flygt Pump	3102.180-8481023	Beyond Repair	\$100

"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."

H. 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

5A. 2966 Jamaica Drive - Preliminary Assessment

"THAT THE GOVERNING BOARD approve Resolution 2025-02 adopting the 2966 JAMAICA DRIVE Preliminary Assessment Roll."

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

- B. Consultants Competitive Negotiation Act Acceptance of Qualified Firms –
RFQ 25-002-00141/2500 Jupiter Park Drive Site Improvements – Phase 1

“THAT THE DISTRICT GOVERNING BOARD approve RFQ 25-002-00141 Final Qualification as follows:

Carty Architecture, LLC
CPZ Architects, Inc. .”

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

- C. Audit for Fiscal Year 2024

"THAT THE GOVERNING BOARD receive the Annual Financial Report for the fiscal year ended September 30, 2024 as prepared and submitted by CBIZ CPAs P.C."

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

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

Dr. Arrington presented and discussed his Rate Study memo and outlined the general financial conditions of the District. In general, the proposed rate increases are acceptable for maintaining the District’s sound financial condition. One aspect that warrants closer scrutiny moving into the future is the ongoing pattern of capital charges exceeding capital revenues.

No Board Action is requested at this time.

7. REPORTS

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

8. FUTURE BUSINESSs

Future Business stood as written.

9. COMMENTS FROM THE BOARD

No comments from the Board

10. ADJOURNMENT

“That the regular meeting of February 20, 2025 adjourns at 8:11 PM.”

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

BOARD CHAIRMAN

BOARD SECRETARY

RECORDING SECRETARY



Loxahatchee River Watershed Status Dry Season Salinity Observations

During the dry season we closely monitor river flows and salinities in the cherished cypress swamp segment of the Loxahatchee River. The Minimum Flow & Level is a regulatory target for flow and salinity designed to help protect the cypress habitat. But despite flows mostly above the minimum flow target of 35 cubic feet per second (cfs) we occasionally see spikes in salinity.

While some of us have anecdotal theories on the causes of these spikes, we thought it would be an interesting and valuable exercise to dig into the data to explore some of the scenarios that have led to these salinity spikes. At our meeting we will provide you with a summary of our findings.



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 3/12/2025

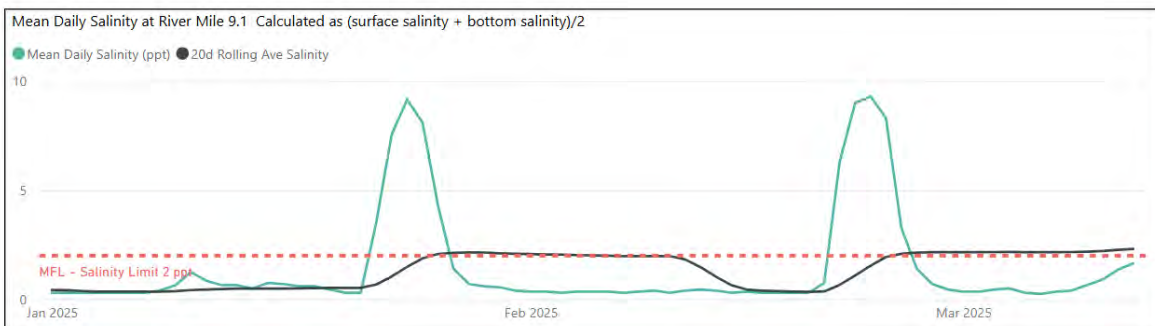
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South Florida Water Management
District's
Real-time Flow Data for Lainhart
Dam Available [HERE](#)



Days of Flow Less Than MFL
for Selected Dates
20

Average flow (cfs) for
Selected Dates
37.78




Days of Salinity MFL
Exceedance
27

Average Salinity (ppt) for
Selected Dates
1.41

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		1,456	14	0.3	863	6.9	0	1,130	5	2	\$ 41,442,645	100%	95%	70%	51	5	22	2
2024	Feb	1,689	15	0	2,405; 1	7.5	0	1,239	2	0	\$ 42,298,111	104%	95%	87%	51	0	25.3	1
	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
Consecutive Months at Green		2	2	4	6	189	46	172	4	9	185	3	3	2	4	0	3	5
Metric Owner		O'Neill	Pugsley	Dean	Dean	Pugsley	Pugsley	Pugsley	Dean	Horchar	Fraraccio	Fraraccio	Fraraccio	Dean	Dean	Howard	Howard	Howard

Metric

MFL Compliance

Explanation

The salinity component of the MFL criteria was exceeded on 9 days in February (i.e., the 20-day rolling average of salinity at Kitching Creek mouth exceeded 2.0 ppt), and flow over Lainhart Dam was less than 35 cfs for 20 days in February. For more information, see Bud's report.



LOXAHATCHEE RIVER DISTRICT

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Governing Board
FROM: Administration Staff
DATE: March 10, 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. 2966 Jamica Drive - Final Assessment
- B. Chapter 31-10: Jamaica Drive Phase 2 - Subregional Line Charge
- C. General Electrician Services Contract - to approve contract renewal
- D. WWTF Electrical Upgrades - Phase 1- to approve contract award
- E. Low-Pressure Sewer System General Construction Services - to approve contract award
- F. Generator Repair and Maintenance General Services Contract – to approve contract renewal
- G. Warehouse and Inventory Management Policy - to approve policy
- H. Drug-Free Workplace Policy - to approve policy
- I. Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers -to approve policy
- J. Near Miss Policy - to approve policy
- K. Fixed Asset Disposal - to approve disposal
- L. Change Order to Current Contract - to approve modifications

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

The following Motion is provided for Board consideration:

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

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

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Water Reclamation – Environmental Education – River Restoration

Shenkman & Shenkman, P.A.

Curtis@PalmBeachLawyer.Law
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Board Certified Real Estate Attorney
Three Palms Center
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Jupiter, FL 33477

phone 561-822-3939
phone #561-822-3933
fax #561-898-2266

March 13, 2025

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

RE: **Resolution 2025-03 and FINAL Assessment Roll for 2966 Jamaica Drive** Dear Albrey:

Attached to this letter is the Resolution 2025-03, Exhibit "A" Final Assessment Roll, Exhibit B Map, and the most recent list of property owners as part of the Resolution. I will bring the Originals to the meeting and obtain the signatures and notary.

A **SUGGESTED MOTION** for the Board at the March 20 2025 meeting is as follows:
"THAT THE GOVERNING BOARD approve Resolution **2025-03** specifying the 2966 Jamaica Drive FINAL Assessment Roll and Exhibits."

Sincerely,
Curtis L. Shenkman
Curtis L. Shenkman

RESOLUTION NO. 2025-03

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO THE **2966 JAMAICA DRIVE** ASSESSMENT AREA IMPROVEMENTS; ADOPTING THE ASSESSMENT ROLL FOR **2966 JAMAICA DRIVE** ASSESSMENT AREA IMPROVEMENTS; CONFIRMING SAID SPECIAL ASSESSMENT ROLL AS ATTACHED HERETO AS EXHIBITS “A” AND “B”; PROVIDING FOR ELLIS RULE COMPLIANCE; PROVIDING FOR DECLARING LINE AVAILABLE FOR CONNECTION; PROVIDING THE SPECIAL ASSESSMENTS SHALL BE COLLECTED AS NON-AD VALOREM SPECIAL ASSESSMENTS ON THE REAL ESTATE TAX BILL; AUTHORIZING THE DISTRICT CLERK TO PREPARE AND DELIVER THE NON-AD VALOREM SPECIAL ASSESSMENT ROLL TO THE PALM BEACH COUNTY AND MARTIN COUNTY PROPERTY APPRAISERS, TAX COLLECTORS, AND FLORIDA DEPARTMENT OF REVENUE; PROVIDING FOR CONSISTENCY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District”) has authorized the sewer improvements constructed in the **2966 JAMAICA DRIVE** Assessment Area; and

WHEREAS, The District’s previous Resolutions **2024-10 & 2025-02** were approved by the District’s Governing Board and directed the preparation of the Assessment Roll.

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

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

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

Section 2. The Special Assessment is in compliance with the “Ellis Rule” requirement of District Rule 31-10.011, and Resolution Nos. **2024-10 & 2025-02** of the District.

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

RESOLUTION **2025-03**

Loxahatchee River Environmental Control District

Section 4. Availability for Connection and Required Connection.

The waste water and sewerage system was “Available” for connection in accordance with District Rule 31-3.003(3) and Florida Statutes 381.0065(2)(a) when the Florida Department of Health released the system for service on January 17th, 2025, which is the date of actual “Availability”. In accordance with Florida Statutes 381.00655, the affected property owners shall be required to connect to the sewerage system within one (1) year of the actual Availability.

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

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

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

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

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT:

VOTE

GORDON M. BOGGIE

KEVIN L. BAKER

DR. MATT H. ROSTOCK

STEPHEN B. ROCKOFF

EXHIBIT "A"
FINAL ASSESSMENT ROLL
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
2966 JAMAICA DRIVEASSESSMENT AREA

TOTAL COSTS AND EXPENSES RELATED TO THE IMPROVEMENTS. The District shall consider the total costs and expenses related to the improvements in the **2966 JAMAICA DRIVE** Assessment Area shall be **\$9,105.78** per parcel of property in the **2966 JAMAICA DRIVE** Area.

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

ASSESSMENT BASED ON PARCEL OF PROPERTY. Each Parcel of Property in the **2966 JAMAICA DRIVE** Assessment Area identified on EXHIBIT "B" shall be currently assessed in the amount of **\$8,195.20**.

PAYMENT OF ASSESSMENT. As to Parcels of **2966 JAMAICA DRIVE** Assessment Area Property in EXHIBIT "B", the **\$8,195.20** assessment may be paid, interest free, at the office of the District on or before May 1, 2026.

Owners who do not pay the \$8,195.20 assessment on or before May 1, 2026 shall have the \$8,195.20 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 \$834.70, commencing with the November 1, 2026 Real Estate Tax Bill.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

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

Hermann & Megan Engelmann

82 Circle Drive

Morganton, GA 30560

re: 2966 Jamaica Drive, Palm Beach Gardens, FL 33410 1005

00-43-41-17-00-000-7100

EXHIBIT "B"

2966JAMAICA DRIVE

SEWER SYSTEM ASSESSMENT AREA

N.T.S.



LEGEND

NOT IN ASSESSMENT AREA

JUPITER, FLORIDA

7/30/2024



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: March 12, 2025
SUBJECT: Chapter 31-10 – Subregional Line Charge for Jamaica Drive Phase 2

Staff have designed, permitted, and constructed a low pressure sewer collection and transmission system to serve Jamaica Drive Phase 2. This system has capacity to serve 4 lots on Jamaica Drive 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 seven subregional line charges (i.e., 31-10.005(5)(a - g)), and this will be our eighth (31-10.005(5)(h)).



In order to equitably distribute costs for the Jamaica Drive Phase 2 subregional collection and transmission system, staff have quantified the number of equivalent connections (~wastewater flow) the Jamaica Drive Phase 2 Subregional Collection Facilities will likely serve. Based on the best available information, LRD staff have determined the Jamaica Drive Phase 2 Subregional Collection Facilities will serve 7 equivalent connections (i.e., 2965, 2966, 15053, and 15071 Jamaica Drive; four properties each with 4 or more toilets).

When we divide the cost of the Jamaica Drive Phase 2 Subregional Collection Facilities (\$5,740.02) by the number of equivalent connections those facilities will ultimately serve (7 equivalent connections), we find the Jamaica Drive Phase 2 Subregional Collection Facilities cost is \$820.00 per equivalent connection.

Last month, Staff drafted proposed revisions to Rule 31-10.005(5) incorporating the Jamaica Drive Phase 2 Subregional Line Charge at \$820.00 per equivalent connection and provided to the Board for review and comment. Receiving no comment staff proceeded with the revisions as drafted:

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

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

(h) Jamaica Drive Phase 2 Subregional Line Charge for Jamaica Drive Phase 2 Subregional Collection Facilities. The rate of the Jamaica Drive Phase 2 Subregional Line Charge shall be \$820.00 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.

These revisions have been included in Tab 6B Chapter 31-10 Schedule of Rates, Fees, and Charges for Board consideration.



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D., Executive Director
FROM: Kris Dean, P.E., Deputy Executive Director
Courtney Jones, P.E., Director of Engineering
DATE: March 20, 2025
SUBJECT: ITB#24-006-00136 General Electrician Service Contract

As part of the capital improvement budget and during the course of operating and maintaining our system, the District frequently has construction projects whose scope exceeds our abilities to address with the in-house electricians. To address these projects in a timely and efficient manner we use a general construction services contract.

In June 2024, we awarded ITB #24-006-00136 General Electrician Services to Hinterland Group, Inc. for the initial one year term. This renewal allows for the second one-year term (June 2025 – June 2026) with three optional one-year renewals remaining. This renewal includes a contractual 3% CPI-U (June 2024) adjustment to pricing.

Hinterland Group, Inc. has provided satisfactory performance on this contract for the past 8 months.

Staff recommend the following motion:

“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.”

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER



Chase Rogers
Hinterland Group Inc.
2051 W Blue Heron Blvd
Riviera Beach, FL 33404
561-640-3503
Crogers@hinterlandgroup.com

3/10/2025

ATTN: Kris Dean, P.E.
Deputy Executive Director/Director of Engineering
Loxahatchee River Environmental Control District
2500 Jupiter Park Drive
Jupiter, FL 33458
Kris.Dean@lrecd.org

RE: Hinterland Group Inc. – ITB #24-006-00136 – General Electrician Services – Renewal Request #1

Hinterland Group Inc. hereby submits this letter as a request to extend the above mentioned contract for an additional 12 month period.

Feel free to reach out should you need anything further.

Thank you

Chase Rogers

Chase Rogers
Hinterland Group Inc.



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
Jason Pugsley, P.E., Plant Manager
Courtney Jones, P.E., Director of Engineering
DATE: March 20, 2025
SUBJECT: Wastewater Treatment Facility (WWTF) Electrical Upgrades – Phase I

As part of the Electrical Power Distribution System Condition Assessment completed at the WWTF, the project provided recommended proposed electrical upgrades to specific electrical systems and equipment located at various locations throughout the plant site as shown in the attached scope of work and associated drawings.

The proposed scope of services, budgeted in FY25 for \$210,000, can be completed using ITB 24-006-00136 General Electrician Services, with rates as approved in the contract renewal under Tab 5C for \$155,248.97 and detailed in the attached proposal. Staff are requesting the Board considered approval of this project under ITB 24-006-00136 in ADDITION to the amount included under Tab 5C.

Staff recommend the following motion:

“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.”

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER



Hinterland Group, Inc.
2051 W Blue Heron Blvd
Riviera Beach, FL 33404
(561) 640-3503 - Phone

ALL PO's/Contractual Issuances are to be emailed to: info@hinterlandgroup.com

Proposal # 24-0098-09

ADDRESS

Loxahatchee River District
Courtney Jones, PE
courtney.jones@lrecd.org

DATE: 2/11/2025

JOB NAME: WWTP Electrical upgrades - Phase I

ACTIVITY	QUANTITY	UNIT	RATE	AMOUNT
Labor Rates				
Master Electrician	40	HR	\$300.00	\$12,000.00
Journeyman Electrician	174	HR	\$250.00	\$43,500.00
Apprentice/Electrician Helper	174	HR	\$210.00	\$36,540.00
Project Manager	10	HR	\$225.00	\$2,250.00
Materials				
Peninsular Gear Quote (Plus Tax)	1	LS	\$53,007.80	\$53,007.80
15% Material Markup	1	LS	\$7,951.17	\$7,951.17
TOTAL				\$ 155,248.97

Notes:

1. Proposal based on contract #24-006-00136 General Electrician Services
2. Remove and replace items listed on the scope of work provided by owner
3. Any miscellaneous replacement materials will be billed accordingly. i.e. conduit, wire, adapters, strut, etc.

ALL PO's/Contractual Issuances are to be emailed to: info@hinterlandgroup.com

Accepted By: _____

Accepted Date: _____

PENINSULAR ELECTRIC DISTRIBUTORS, INC.

MEMBER
IMARK GROUP

1301 Old Okeechobee Road
West Palm Beach, FL 33401
Phone: (561) 832-1626 / (800) 842-6816
FAX: (561) 832-2108

MEMBER
NAED

CUSTOMER: HINTERLAND GROUP

DATE: 1/29/2025

JOB NAME: LRD

ADDRESS: ATTN. TOM

PO #: _____

ITEM	QUANTITY	MANUFACTURER	CATALOG NUMBER	UNIT	PER	TOTAL
1	1	SQD	25KVA 480-120/240 TRANSFORMER N1	3,085.00	E	3,085.00
2	1	SQD	100/3 600V ECB 316 STAINLESS STEEL	3,355.00	E	3,355.00
3	3	SQD	60/3 600V ECB 316 STAINLESS STEEL	3,315.00	E	9,945.00
4	1	HAMMOND	30KVA 480-120/208 TRANSFORMER	11,115.00	E	11,115.00
	-		316 STAINLESS STEEL			
5	1	SQD	225A MCB PANEL NEMA 1	3,230.00	E	3,230.00
6	1	SQD	100A MLO PANEL NEMA 1	1,867.00	E	1,867.00
7	3	SQD	3P SURGE ARRESTOR	1,069.00	E	3,207.00
8	1	SQD	100A MCB PANEL NEMA 1	2,538.00	E	2,538.00
9	1	SQD	150A MCB PANEL NEMA 1	2,598.00	E	2,598.00
10	2	C&I	50"X20"X10" 316 STAINLESS STEEL	4,300.00	E	8,600.00
	-		ENCLOSURE W/ BACK PANEL			
	-					
	-					
	-		**QUOTING 480-120/240 FOR THE			
	-		25KVA TRANSFORMER. THEY DON'T			
	-		DO A 480-120/208 IN SINGLE PHASE**			
	-					
	-					
	-					
	-					
	-					
	-					
	-					
	-					
	-					

TOTAL: \$ 49,540

By: *Charlie Watson*

Tax NOT Included



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: March 20, 2025
SUBJECT: ITB # 25-005-00144 Low Pressure Sewer System General Construction Services

As we work to complete remnant sewerage, we frequently have small and mid-sized projects requiring construction of low pressure infrastructure to serve remnant areas. To address these areas in a timely and efficient manner, we use a general construction services contract.

This month we completed bidding of ITB # 25-005-00144 Low Pressure Sewer System General Construction Services. This contract allows for an initial one-year term with four optional one-year renewals. We received 3 bids for this contract as summarized below:

- | | |
|---------------------------|--------------|
| • The Lazarus Group, Inc. | \$39,322.18 |
| • Jamie Underground, Inc. | \$125,710.00 |
| • Wolf Creek Construction | \$149,725.00 |

As the apparent low bid for an aggregate of line items defined by the unit price bid schedule, an evaluation of The Lazarus Group, Inc.'s bid was performed. They were found to be responsive and responsible, as such, Staff offer the following motion:

"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."

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Tabulation Sheet

Agency Name Loxahatchee River District

Bid Number ITB-25-005-00144-0-2025/SA

Bid Name LOW PRESSURE SEWER SYSTEM GENERAL CONSTRUCTION SERVICES

Bid Due Date 03/11/2025 14:00:00 Eastern

Bid Opening Closed

3 responses found. ✓ online,  offline, ● not submitting,  not received

Company		Responded	Address	Bid Amount	Alt Bid Amount	Declared Attributes	Documents	Sent
Complete								
1 .	Jamie Underground, Inc.	03/11/2025 12:59:48 Eastern	2660 SE Fairmont St, Stuart, FL, 34997	\$125710.0000	0.0000		Response Document	✓
2 .	the lazarus group inc	03/10/2025 09:04:59 Eastern	PO Box 2447, Palm City, FL, 34991	\$39322.1800	0.0000		Response Document	✓
3 .	Wolf Creek Construction	03/11/2025 13:58:51 Eastern	222 US Highway 1, 208E, Tequesta, FL, 33469	\$149725.0000	0.0000		Response Document	✓

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT BID
ITB #25-005-00144
LOW PRESSURE SEWER SYSTEM GENERAL CONSTRUCTION SERVICES

BID RESPONSE

In accordance with the terms, conditions, and specifications, the undersigned bidder hereby submits the following prices for supplying the Loxahatchee River District with the goods and/or services called for in ITB #25-005-00144. This project will be awarded to the lowest responsive, responsible bidder (s) within budget.

BID ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
1	Directional Drill up to 3" LP Force Main				
1a	First 10 LF	1	LS	845.67	845.67
1b	Each Additional Foot	75	LF	16.91	1268.25
2	Direct Bury up to 3" LP Force Main Less Than or Equal to 48" Depth				
2a	First 10 LF	1	LS	144.97	144.97
2b	Each Additional Foot	75	LF	12.69	951.75
3	Direct Bury up to 3" LP Force Main Greater Than 48" Depth				
3a	First 10 LF	1	LS	144.97	144.97
3b	Each Additional Foot	10	LF	12.69	126.90
4	Pneumatic Mole up to 3" LP Force Main				
4a	First 10 LF	1	LS	169.13	169.13
4b	Each Additional Foot	10	LF	16.91	169.10
5	Core Existing Shallow Manhole and Install up to 3" LP Force Main	1	EA	450.00	450.00
6	Core Existing Deep Manhole and Install up to 3" LP Force Main	1	EA	497.45	497.45
7	Connect up to 2-1/2" LP Force Main to existing 4" - 12" Force Main Less Than or Equal to 48" Depth				
7a	4"	1	EA	532.99	532.99

ITB #25-005-00144



BID ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
7b	6"	1	EA	532.99	532.99
7c	8"	1	EA	532.99	532.99
7d	10"	1	EA	532.99	532.99
7e	12"	1	EA	532.99	532.99
8	Additional Added to Item 7 for Greater Than 48" Depth			120.80	120.80
9	Additional Added to Item 7 for Connection of 3" LP Force Mains	120.80			120.80
10	Standard Singe Service				
10a	Short	1	EA	1289.64	1289.64
10b	Long	1	EA	1584.39	1584.39
11	2" Single Service				
11a	Short	1	EA	1465.12	1465.12
11b	Long	1	EA	1745.82	1745.82
12	Double Service				
12a	Short	1	EA	1683.88	1683.88
12b	Long	1	EA	1849.28	1849.28
13	Connect New Service to an Existing LP Force Main	1	EA	532.99	532.99
14	Terminal End Flushing Port	1	EA	1051.04	1051.04
15	In-line Flushing Port	1	EA	1865.45	1865.45
16	Air/Vacuum Valve	1	EA	2368.82	2368.82
17	Isolation Valve	1	EA	994.90	994.90
18	Sod/Seed and Mulch				



ITB #25-005-00144

BID ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
	Bahia Sod	100	SY	.24	24.00
	St. Augustine Sod	100	SY	.24	24.00
	FDOT Seed and Mulch	100	SY	.24	24.00
19	Open Cut Road Repair	15	SY	155.92	2338.80
20	Mill and Overlay	140	SY	68.39	9574.60
21	Concrete Sidewalk Restoration	5	SY	45.00	225.00
22	Asphalt Sidewalk Restoration	5	SY	45.00	225.00
23	Concrete Driveway Restoration	10	SY	77.00	770.00
24	Dewatering w/Wellpoints				
24a	First Day	1	EA	700.00	700.00
24b	Each Additional Day	1	EA	82.91	82.91
25	4" SCH40 Casing by Direct Bury	20	LF	19.89	397.80
26	4" SCH40 Casing by Pneumatic Mole	20	LF	35.00	700.00
LABOR					
27	Project Manager	1	HOUR	30.00	30.00
28	Superintendent	1	HOUR	22.00	22.00
29	Foreman	1	HOUR	19.00	19.00
30	Laborer	1	HOUR	18.00	18.00
31	Operator	1	HOUR	22.00	22.00
32	Truck Driver	1	HOUR	19.00	19.00
TOTAL BASE BID =					\$39,322.18
* PAYMENT FOR ALL WORK COMPLETED UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE CONTRACT. MATERIALS AND SUBCONTRACTOR WORK ASSOCIATED					

ITB #25-005-00144

BID ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
WITH WORK UTILIZING BID ITEMS NO. 1 THROUGH 26 SHALL BE PAID ON COST PLUS 15% MARK-UP BASIS. EQUIPMENT ASSOCIATED WITH WORK UTILIZING BID ITEMS NO. 27 THROUGH 32 SHALL BE PAID AT THE PUBLISHED FHWA BLUE BOOK RATE PLUS 15% MARK-UP. A 1.5 MULTIPLIER WILL BE APPLIED TO LABOR AND EQUIPMENT ONLY FOR EMERGENCY/ON-CALL WORK.					

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Is bidder's Qualification information included? YES; INITIAL JK

Is proof of ability to provide insurance provided? YES; INITIAL JK

Is licensing provided? YES; INITIAL JK

Health, Safety and Environmental submittal is provided? YES; INITIAL JK

BIDDER'S FIRM NAME: The LAZARUS Group Inc

BIDDER'S SIGNATURE: [Signature]

(Failure to sign by a duly authorized representative shall result in rejection of this bid)

By signature on this document, bidder acknowledges and agrees that its offer includes and accepts all terms, conditions, and specifications of the District's bid solicitation as originally published, without exception, change or alteration of any kind, except as may have been published by the District in official amendments prior to this date of submittal.

FIRM ADDRESS: Po Box 2447, Palm City, FL 34991

FIRM TELEPHONE NUMBER: 772-2882325

FIRM E-MAIL ADDRESS: LAZARUSGroup2000@yahoo.com

APPLICABLE LICENSE(S): #CUC1224718, CFC1427FP7

FIRM FEDERAL ID #: 65-0066146

ITB #25-005-00144



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: March 11, 2025
SUBJECT: Generator Repair and Maintenance: Award of Contract

The District maintains 66 emergency generators. These generators are a key component of the District's emergency response plan including hurricane response. Maintaining the generators in serviceable condition requires annual preventative maintenance (PM) and periodic repair. To facilitate this maintenance program staff have issued a bid for a generator repair and maintenance contract and received 4 bids on February 27th as detailed below (figures shown are corrected bid amounts) and in the included bid tab.

360 Energy Solutions	\$330,447.04
DJ Products	Incorrect Bid
Nixon Power Services	\$241,299.50
Onsitegenpros	\$162,160.00

Staff performed an evaluation of Onsitegenpros as the apparent low and found the bid to be lowest responsive, responsible bid. A copy of the Onsitegenpros bid response is included for reference

Staff recommend the following motion:

“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”

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Corrected Bid Tab				360 Energy Solutions		DJ Products		Nixon Power Services		Onsitegenpros	
BID ITEM NO.	DESCRIPTION	QTY	UNIT	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
LOT 1 – PREVENTATIVE MAINTENANCE AND INSPECTION APRIL 1, 2025 – MAY 31, 2025											
1	MINOR Preventative Maintenance and Inspection as defined in Attachment C for all Generators as listed in Attachment B. Lump Sum Unit cost shall include MINOR Preventative maintenance for 66 Generators.	10	LS	\$24,750.00	\$247,500.00	-	-	\$16,087.50	\$160,875.00	\$9,900.00	\$99,000.00
2	MAJOR Preventative Maintenance and Inspection as defined in Attachment D for all Generators as listed in Attachment B. Lump Sum Unit Cost shall include Major Preventative Maintenance for 66 Generators.	1	LS	\$48,935.04	\$48,935.04	-	-	\$60,612.00	\$60,612.00	\$45,395.00	\$45,395.00
3	Reactive Load Bank Testing of all Trailer Mounted Generators	1	LS	\$33,182.00	\$33,182.00	-	-	\$18,800.00	\$18,800.00	\$16,900.00	\$16,900.00
LOT 2 – ADDITIONAL SERVICES											
3	Generator Mechanic/Technician	1	HOURL	\$145.00	\$145.00	-	-	\$165.00	\$165.00	\$150.00	\$150.00
4	Trip Charge	1	EA	\$175.00	\$175.00	-	-	\$275.00	\$275.00	\$200.00	\$200.00
LOT 3 – EMERGENCY SERVICES											
5	Generator Mechanic/Technician	1	HOURL	\$220.00	\$220.00	-	-	\$247.50	\$247.50	\$225.00	\$225.00
6	Trip Charge	1	EA	\$290.00	\$290.00	-	-	\$325.00	\$325.00	\$250.00	\$250.00
					\$330,447.04				\$241,299.50		\$162,120.00

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT BID**ITB #25-004-00143****GENERAL ELECTRICIAN SERVICES**

BID RESPONSE: In accordance with the terms, conditions, and specifications, the undersigned bidder hereby submits the following prices for supplying the Loxahatchee River District with the goods and/or services called for in ITB # 25-004-00143. This project will be awarded to the lowest responsive, responsible bidder (s) within budget.

BID ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
LOT 1 – PREVENTATIVE MAINTENANCE AND INSPECTION					
APRIL 1, 2025 – MAY 31, 2025					
1	MINOR Preventative Maintenance and Inspection as defined in Attachment C for all Generators as listed in Attachment B. Lump Sum Unit Cost shall include MINOR Preventative Maintenance for 66 Generators.	10	LS	9900.00	99000.00
2	MAJOR Preventative Maintenance and Inspection as defined in Attachment D for all Generators as listed in Attachment B. Lump Sum Unit Cost shall include MAJOR Preventative Maintenance for 66 Generators.	1	LS	45395.00	45395.00
3	Reactive Load Bank Testing of all Trailer Mounted Generators	1	LS	16900.00	16900.00
LOT 2 – ADDITIONAL SERVICES					
4	Generator Mechanic/Technician	1	HOUR	150.00	150.00
5	Trip Charge	1	EA	200.00	200.00
LOT 3 – EMERGENCY SERVICES					
6	Generator Mechanic/Technician	1	HOUR	225.00	225.00
7	Trip Charge	1	EA	250.00	250.00

* PAYMENT FOR ALL WORK COMPLETED UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE CONTRACT. PAYMENT SHALL BE MADE AT THE UNIT PRICES AS LISTED IN THE UNIT PRICE BID SHEET BASED ON MEASURED QUANTITIES FOR BID ITEMS NO. 1 THROUGH 7. MATERIALS AND SUBCONTRACTOR WORK ASSOCIATED WITH WORK UTILIZING BID ITEMS NO. 4 THROUGH 7 SHALL BE PAID ON COST PLUS 15% MARK-UP BASIS. EQUIPMENT ASSOCIATED WITH WORK UTILIZING BID ITEMS NO. 4 THROUGH 7 SHALL BE PAID AT THE PUBLISHED FHWA BLUE BOOK RATE PLUS 15% MARK-UP. A 1.5 MULTIPLIER WILL BE APPLIED TO LABOR AND EQUIPMENT ONLY FOR EMERGENCY/ON-CALL WORK.

ITB# 25-004-00143

All unit prices bid should be within two (2) decimal points. If bidder's pricing exceeds two (2) decimal points, Purchasing reserves the right to round up or down accordingly.

Is bidder's Qualification information included?	Yes Initial DG	
Is proof of ability to provide insurance provided?	Yes Initial DG	
Is licensing provided?	Yes Initial DG	
Health, Safety and Environmental submittal is provided?	Yes Initial DG	_____

BIDDER'S FIRM NAME: David Golden

BIDDER'S SIGNATURE: David Golden

(Failure to sign by a duly authorized representative shall result in rejection of this bid)

By signature on this document, bidder acknowledges and agrees that its offer includes and accepts all terms, conditions, and specifications of the District's bid solicitation as originally published, without exception, change or alteration of any kind, except as may have been published by the District in official amendments prior to this date of submittal.

FIRM ADDRESS: 2185 SW Mainsail Ter Stuart, FL, 34997

FIRM TELEPHONE NUMBER: 561-531-0838

FIRM E-MAIL ADDRESS: Onsitegenpros@gmail.com

APPLICABLE LICENSE(S): State of Florida L23000210404

FIRM FEDERAL ID #: 92-3777093



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: LRD Administrative Committee
From: Kara Fraraccio, Director of Finance and Administration
Date: March 20, 2025
Subject: Warehouse Inventory Management Policy Update

As part of our scheduled policy review, staff have systematically reviewed the Warehouse Inventory Management Policy, originally approved by the Governing Board in April 2020. Following this memo, you will find the draft Warehouse Inventory Management Policy with recommended revisions shown using track changes. The most significant revisions to our Warehouse Inventory Management Policy involves replacing "shall" with "will" or "must" throughout the policy document.

At this time, I request the Governing Board approve the following motion:


"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. "

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

	LOXAHATCHEE RIVER DISTRICT	Doc No:	WIP
		Effective Date	04/17/2020 <u>3/21/25</u>
		Revision History	<u>04/17/2020</u>
Author: Kara Fraraccio		Revision No.	1 <u>2</u>
		Expiration Date:	04/18/2025 <u>030</u>
Issuing Department: Finance and Administration		Page:	Page 1 of 2

WAREHOUSE INVENTORY MANAGEMENT POLICY

Purpose

To establish a District policy with respect to inventory management to ensure appropriate stocking, recording, security, and tracking of District inventory.

Policy

The District ~~shall~~will maintain an inventory of materials, parts, supplies, and tools as an investment to maximize the probability of successfully achieving the District's mission and ~~efficiently~~ promote safety of our employees. The warehouse ~~shall~~will be the first source of supply for all inventory used by District staff in performing their duties. All inventory issued by the warehouse not designated as consumable will be applied to an open work order in the computerized maintenance management system (CMMS). Warehouse staff will accurately account for all inventory additions, issues, and returns in the CMMS system. Criticality ~~shall~~will be assessed when determining the need to inventory high value (e.g., >\$5,000) materials, parts, supplies, or tools. The District's inventory ~~shall~~will be maintained using a perpetual inventory system. Inventory transactions are to be input daily into the inventory control system. Inventories ~~shall~~will be valued at cost as determined by the first in/first out method. Inventoried items will be safeguarded from physical deterioration, theft, waste, loss, or mismanagement. Obsolete and damaged inventory ~~shall~~will be identified, segregated, and remedied (e.g., disposal, rehabilitated). All items in inventory ~~shall~~will have an established minimum stock level and reorder quantity. The Warehouse Coordinator is responsible for requisitioning inventory items that have reached the reorder level. All materials received for stocking into the warehouse ~~shall~~will be issued a stock identification number and storage location. A fiscal year-end inventory ~~shall~~must be completed each year.

Definitions

- A. Computerized Maintenance Management System (CMMS): Database that the District uses as a work management system.
- B. Consumables: Non-durable, low-cost, frequently used items obtained through the warehouse (i.e. latex gloves, bleach, dawn).

- C. Criticality: a potential inventory item expected to be decisive in the District's ability to successfully perform its mission. Inventory Criticality may be quantified as the likelihood of need x the consequence of not having the item in inventory.
- D. First-In, First-Out (FIFO): A method of inventory costing which assumes costs flow through operations chronologically that is, costs of merchandise should be charged as expense in the order in which costs were incurred.
- E. Inventory: Material, supply, or tool with distinct physical and financial attributes.
- F. Perpetual Valuation: A system for controlling inventory and determining inventory values, using an ongoing detailed record of additions and usage to achieve an updated inventory balance multiplied by a unit cost.

Relevant Procedures

The following procedures guide staff in the appropriate implementation of this policy:

- A. Fiscal Year End Inventory Procedure
- B. Minimum Stock Levels & Reorder Quantities Procedure: ~~(Under Revision)~~
- C. Inventory Disposal Procedure: ~~(Under Revision)~~

Policy Questions

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



LOXAHATCHEE RIVER DISTRICT

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TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: GOVERNING BOARD
FROM: D. ALBREY ARRINGTON, Ph.D.
DATE: MARCH 11, 2025
SUBJECT: DRUG-FREE WORKPLACE POLICY

In our continuing effort to update our policies, Mike Navicky (LRD Human Resources Generalist), Ed Horchar (LRD Safety Officer), and I have carefully reviewed the District's Drug-Free Workplace Policy and inserted a few minor recommended revisions. In general, we believe this policy is clear and achieves our stated objectives.

We have made three proposed revisions to the policy:

1. We systematically replaced "shall" with "must", "will", or "may" depending on the context. While this may seem trivial, in *Gutierrez de Martinez v. Lamagno* (1995), the U.S. Supreme Court acknowledged that "shall" can mean "must," "may," or something else depending on context. So, the proposed revisions are intended to improve the clarity of this policy.
- ~~2. On page 1 we removed reference to "Mandatory Testing Position" in "Post Offer Job Applicant Screening", because this policy applies to all job applicants, which is clearly stated elsewhere in the policy.~~
3. Clarified agency acronyms
4. On the final page, we revised "Applicant" to "Employee" or "Applicant" for consistency.

The revised policy is attached for your review, and the following motion is recommended for approval:


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

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

	LOXAHATCHEE RIVER DISTRICT	Doc No:	LRD-POL-HR-06.00
		Effective Date	02/24/2025 02/21/2022
		Revision History:	02/21/2022 NA
Author: Albrey Arrington, Lara Donlon, Mike Navicky		Revision No.	10
		Review Date:	02/15/2028 4/16/2025
Issuing Department: Human Resources		Page:	Page 1 of 11

DRUG-FREE WORKPLACE POLICY

Recognizing that substance abuse (including alcohol) is a detrimental problem facing society, the District will do the best we can to actively fight this problem. One of the ways we are addressing this problem is by implementing and maintaining a substance abuse policy to ensure the District will be a drug-free workplace.

We understand employees and applicants under a physician's care may be required to use prescription drugs; however, improper use of prescribed medications is also substance abuse and will be dealt with in the same manner as the abuse of prohibited substances. The goal of this policy is to balance our respect for individual privacy with our need to keep a safe, productive, drug-free environment. We encourage those who abuse drugs and/or alcohol to voluntarily seek help. This policy includes an employee assistance program, which allows employees and their families to find help in dealing with alcohol or drug abuse. However, it is the employee's responsibility to seek help before substance abuse leads to disciplinary action.

The District's Standard of Conduct requires that employees of the District ~~shall~~must not violate this policy or possess, distribute, sell, transfer or use alcohol, controlled substances or illegal drugs in the workplace, while on duty, or while operating District owned vehicles or equipment. Any employee determined to be in violation of this policy is subject to disciplinary action, even for the first offense. To maintain this standard, the District ~~shall~~will establish and maintain the program and rules set forth below, under Florida statutes 440.101 and 440.102.

A. Post-Offer Job Applicant Screening

The District will conduct post-offer drug tests designed to prevent the hiring of individuals who use prohibited drugs or abuse prescription medications. If a job applicant refuses to submit to the required drug test, tampers with or adulterates a drug test specimen, or has a confirmed positive drug test result; he/she forfeits his/her eligibility for employment. Job applicants are individuals who have been conditionally offered employment **in a Mandatory Testing Position. A Mandatory Testing Position is one that requires the employee to work with heavy or dangerous machinery, work as a safety inspector, work with children, or a job assignment in which a momentary lapse in attention could result in injury or death to another person.**

B. Current Employee Screening

The District will conduct drug and/or alcohol screens, as outlined in this policy, to identify employees who use prohibited drugs or abuse alcohol in violation of this policy. It ~~shall~~will be a condition of continued employment that all employees submit to a drug and/or alcohol screen in accordance with the provisions listed below. The District may suspend employees

Authority: Florida statutes 440.101 and 440.102

Date Approved by Governing Board: 03/20/2025~~02/20/2022~~

without pay, under this policy, pending the results of a drug and/or alcohol test or investigation.

1. Reasonable Suspicion Testing

"Reasonable suspicion testing" means drug and/or alcohol testing based on an employer's belief that an employee is using or has used drugs in violation of this policy, drawn from specific visual or verbal facts that would lead a reasonable person, without any medical training but normal life experiences, to conclude the possibility of drug and/or alcohol use.

Whenever possible, the supervisor who is suspicious of an employee's behavior should have the suspicious behavior confirmed by another supervisor or manager before requiring the employee to be tested. Employees who refuse to be tested will be terminated.

If there is reasonable suspicion that an employee is under the influence of drugs and/or alcohol, the employee will be required to undergo drug and/or alcohol testing at a laboratory chosen by the District. The supervisor must promptly document the basis for the reasonable suspicion.

Occurrences that may be indicators of substance abuse and are considered grounds for reasonable suspicion are:

- a. Observable phenomena while at work, such as direct observation of drug use or of the physical symptoms or manifestations of being under the influence of a drug.
- b. Abnormal conduct or erratic behavior while at work or a significant deterioration in work performance.
- c. A report of drug use, provided by a reliable and credible source.
- d. Evidence that an individual has tampered with a drug test during his employment with the current employer.
- e. Information that an employee has caused, contributed to, or been involved in an accident while at work.
- f. Evidence that an employee has used, possessed, sold, solicited, or transferred drugs while working or while on the employer's premises or while operating the employer's vehicle, machinery, or equipment.

If an employee is arrested for or convicted of a drug-related crime, the District will investigate the circumstances, and District officials may utilize the drug-testing procedure if cause is established by the investigation. An arrest for a drug-related crime constitutes reasonable suspicion of drug use under this policy. As a condition of employment, an employee must notify Human Resources or the Safety Compliance Officer of any criminal drug statute arrest or conviction within five (5) days of such arrest or conviction.

2. Accident and Injury Procedures

Any employee involved in a work-related accident, which requires medical treatment, above and beyond first aid, must first receive treatment. The employee must then submit to a post-accident drug screen. A post-accident alcohol test may apply. The employee will be transported to the designated collection site as soon as possible after the accident,

if the drug and/or alcohol collection is not performed following treatment. Failure by the employee to submit to a test within 8 hours will be considered a refusal to test, resulting in immediate termination.

3. Routine Fitness-for-duty

The District must require an employee to submit to a drug test IF the test is conducted as part of a routinely scheduled employee fitness-for-duty medical examination that is part of the District's established policy OR that is scheduled routinely for all members of an employment classification or group. Employees subject to any routine fitness-for-duty testing will be notified in writing and given an initial 60-day notification of implementation and will be required to sign a routine fitness-for-duty consent form.

4. Return to work and Follow-up drug testing

If an employee in the course of employment voluntarily enters an employee assistance program for drug-related problems, or an alcohol/drug rehabilitation program, the District must require the employee to submit to a drug and/or alcohol test as a follow-up to such program.

Employees who have been employed by the District for one (1) year or more and who receive a positive confirmed drug and/or alcohol test are required by the District to enter into an employee assistance program, or an alcohol/drug rehabilitation program, and, upon returning to work must submit to a drug and/or alcohol test as a follow-up to such program.

Follow-up testing must be conducted at least once a year for a two (2) year period after completion of the program and may be conducted more frequently. Advanced notice of a follow-up testing date must not be given to the employee to be tested.

5. Random Testing

The District may conduct random drug testing, as stated in Florida Statutes 440.102 for employees holding Mandatory Testing Positions. If the District decides to implement random testing, all employees will receive an initial 60-day notification of implementation. A third-party company designated by the District will generate a computerized random list of employees who would be required to submit to a random drug screen. When an employee holding a Mandatory Testing Position is chosen for a random drug screen, their name automatically returns to the pool for future random tests.

C. Basis for Discipline or Termination

1. Drug Use and Alcohol Abuse

Any employee using, selling, purchasing, possessing, soliciting, or distributing illegal drugs and/or unauthorized alcoholic beverages on District property or while conducting District business will be in violation of this policy, resulting in immediate termination of employment.

Any employee with less than one (1) year of service with the District who has a confirmed positive drug and/or alcohol test, or an employee with one (1) year or more of service with the District who previously received a confirmed positive drug and/or alcohol test, will be terminated.

Any employee with one (1) year or more of service with the District who has a confirmed positive drug and/or alcohol test, and who has not previously received a confirmed positive drug and/or alcohol test, will:

- Be suspended without pay for five (5) work days;
- Provide documentation to Human Resources no later than the 4th day of suspension without pay that the employee has sought and received an initial evaluation for substance abuse treatment (from a licensed therapist, psychologist, psychiatrist, or licensed drug and alcohol counselor) and that the employee has enrolled in and/or committed to the recommended treatment program;
- Use vacation leave, sick leave, or unpaid leave as available in the specified order for the next five (5) workdays;
- Submit a Certification of Health Care Provider for [Family and Medical Leave Act \(FMLA\)](#) leave, if applicable, to Human Resources no later than the 15th calendar day after receiving the positive confirmed drug and/or alcohol test; and
- Upon return to work, submit a fitness for duty certification indicating successful compliance with all recommended education and/or treatment programs and submit to follow-up testing.

Any employee who has a confirmed positive drug and/or alcohol test may forfeit eligibility for medical and indemnity benefits under Florida's Workers' Compensation Law and may also forfeit unemployment benefits, under Florida law.

Table of Positive Drug Levels		
Drug to be tested for:		
Drug	Initial	Confirmation
Alcohol (blood)	0.04 g/dL	0.04 g/dL
Amphetamines	1,000 ng/ml	500 ng/ml
Cannabinoids	50 ng/ml	15 ng/ml
Barbiturates	300 ng/ml	150 ng/ml
Benzodiazepines	300 ng/ml	150 ng/ml
Cocaine	300 ng/ml	150 ng/ml
Methaqualone	300 ng/ml	150 ng/ml
Opiates	2000 ng/ml	2000 ng/ml
Phencylidine	25 ng/ml	25 ng/ml
Propoxyphene	300 ng/ml	150 ng/ml

2. Refusal to Test

Any employee who refuses to submit to a required drug and/or alcohol test will be subject to immediate termination of employment. A tampered with or an adulterated drug and/or alcohol specimen, will be considered a refusal to test, resulting in termination of employment. Any employee who refuses to test, tampers with or adulterates a drug and/or alcohol specimen, will automatically forfeit eligibility for

medical and indemnity benefits under Florida's Worker's Compensation Law and will also forfeit unemployment benefits under Florida law.

D. Confidentiality

All information, interviews, reports, statement memoranda, and drug test results, written or otherwise, received by the employer through a drug testing program are confidential communications and may not be used or received in evidence, obtained in discovery, or disclosed in any public or private proceedings, except in accordance with Florida's Drug Free Workplace Act or, in determining compensability under the workers' compensation or unemployment benefit laws.

The District, testing laboratories, employee assistance programs, drug and alcohol rehabilitation programs, and their agents who receive or have access to information concerning drug test results ~~shall~~must keep all information confidential. Release of such information under any other circumstances ~~shall~~must be solely pursuant to a written consent form signed voluntarily by the person tested, unless such release is compelled by a hearing officer or a court of competent jurisdiction, in pursuant to an appeal taken under this section, or unless deemed appropriate by a professional licensing board in related disciplinary proceedings.

The consent form must contain, at the minimum, the following:

- a. The name of the person authorized to obtain the information.
- b. The signature of the person authorizing release.
- c. The purpose of the disclosure.
- d. The duration of the consent.
- e. The precise information to be disclosed.

Nothing herein ~~shall~~will be construed to prohibit the District, agent of the employer, or laboratory conducting a drug test from having access to employee drug test information when consulting with legal counsel in connection with actions brought under or related to this section or when the information is relevant to the District or its agent(s)'s defense in a civil or administrative matter.

E. Prescription and Non-Prescription Medications

The testing laboratory will provide a standard form for the employee to confidentially report the use of prescription or non-prescription medications to the Medical Review Officer both prior to and after the drug or alcohol test. No prescription drug ~~shall~~may be brought upon District premises by any person other than the person for whom the drug is prescribed by a licensed medical practitioner, and ~~shall~~must be used only in the manner so prescribed. Employees must keep all such prescription medicines in the original container which identifies the date of the prescription and the prescribing physician. Employees should report the use of any prescribed medication which may alter the employee's physical or mental ability, prior to commencing work. The District retains the right to change the employee's job assignment during any term of treatment.

F. Drugs To Be Tested For

Over the counter and prescription drugs that could alter or affect the outcome of a drug test:

ALCOHOL: (booze, drink, beer, liquor, wine, moonshine) All liquid medications containing ethyl alcohol (ethanol). Please read the label for alcohol content. As an example, Vick's Nyquil is 10% (20 proof) ethyl alcohol, Comtrex is 20% (40 proof) and Listerine is 26.9% (54 proof).

AMPHETAMINES: (bennies, black beauties, crystal, speed, uppers, crank) Obetrol, Biphetamine, Desoxyn, Dexedrine, Direx.

CANNABINOIDS: (marijuana, hashish, maryjane, grass, reefer, pot, dope, etc.) Marinol (Dronabinol, TEC).

COCAINE: (coke, crack, blow, nose candy, toot, snow) Cocaine HCl topical solution (Roxanne)

PHENCYCLIDINE: (PCP, angel dust) Not legal by prescription.

METHAQUALONE: (ludes, qualude, optimil, parest) Not legal by prescription.

OPIATES: (heroin, horse, smack, powder) Paregoric, Prepectolin, Donnagel PG, Morphine, Tylenol with Codeine, Empirin with Codeine, APAP with Codeine, Aspirin with Codeine, Robitussin AC, Guituss AC, Novahistine DM, Novahistine Expectorant, Dilaudid (Hydromorphone), M-S Contin and Roxanol (morphine and sulfate), Percodan, Vicodin, etc.

BARBITURATES: (barbs, rainbows, downers, golfballs, reds, blues) Penobarbital, Tuinal, Amytal, Nembutal, Seconal, Lotusate, Fiorinal, Fioricet, Esgic, Butisol, Mebaral, Butabarbital, Butabital, Phrenilin, Triad, etc.

BENZODIAZEPINES: Ativan, Azene, Clonopin, Dalmane, Diazepam, Librium, Xanax, Serax, Tranxene, Valium, Verstran, Halcion, Paxipam, Restoril, Centrax.

METHADONE: Dolphine, Methadose

PROPOXYPHENE: Darvocet, Darvon N, Dolene, etc.

The District will test for the minimum of drugs which is described as a five (5) panel test (amphetamines, opiates, cocaine, pcg, cannabinoids), but is allowed to test up to all 10 drugs and alcohol, as listed above.

G. Challenge to Test Results

Within five working days after receiving notice of positive, confirmed test result, the employee or job applicant may submit information to the Medical Review Officer explaining or contesting the test results. If the employee's explanation or challenge of the positive test result is unsatisfactory to the employer, the employee must be notified within fifteen days, in writing, that the explanation is unsatisfactory and be given a copy of the positive test results along with the name and address of the laboratory. All documentation must be kept confidential by the employer and retained by the employer for at least one year.

An employee or job applicant may undertake a challenge to the test result pursuant to law or to rules adopted by the [Florida](#) Agency for Health Care Administration ([AHCA](#)).

H. Employee's Responsibility

When an employee undertakes a challenge, it ~~shall~~will be the employee's responsibility to notify the laboratory. Employees are solely responsible for all costs associated with any challenge.

I. Laboratory Assistance

The Medical Review Officer ~~shall~~will provide clinical/technical assistance to the employee for the purpose of interpreting positive, confirmed test results. Additionally, employees and job applicants have the right to consult the laboratory for technical information regarding prescription or non-prescription medication.

J. Employee Protection

The employer promptly ~~shall~~will detail in writing the circumstances leading to a determination of reasonable suspicion of drug and/or alcohol abuse to warrant the testing. A copy of this documentation ~~shall~~will be given to the employee upon request and the original documentation ~~shall~~will be kept and retained confidentially by the employer for at least one (1) year.

During the 180-day period after written notification of a positive test result, the employee or job applicant who has provided the specimen ~~shall~~will be permitted by the employer to have a portion of the specimen re-tested at the employee's expense. Such re-testing ~~shall~~must be done at another AHCA licensed or National Institute on Drug Abuse (NIDA) approved laboratory chosen by the employee or job applicant. The second laboratory must test for equal or greater sensitivity for the drug in question. The first laboratory is responsible for the transfer of the portion of the sample to be re-tested, and for the integrity of the chain-of-custody during the transfer.

K. Seeking Voluntary Assistance

The District may not discharge, discipline, or discriminate against an employee solely on the employee's voluntary seeking of treatment while employed by the District for a substance abuse related problem, if the employee has not previously tested positive for the drug, entered an employee assistance program for substance abuse related problems, or entered a substance abuse rehabilitation program. Seeking treatment after being directed to submit to a drug test is not "voluntary."

Employees who are also covered by the Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers ("DOT policy") may seek assistance under the terms of that policy. In compliance with applicable federal regulations, voluntary assistance sought by these employees under the DOT policy are not reported to the Federal Motor Carrier Safety Administration Drug and Alcohol Clearinghouse (Clearinghouse).

L. Investigation

To ensure that prohibited drugs and alcohol do not enter or affect the workplace, the District reserves the right to search all vehicles, containers, lockers, or other items on District property in furtherance of this policy and in accordance with applicable law. Individuals may be requested to display personal property for visual inspection upon the District's request. Searches will be conducted only where the District has reason to believe that the employee has violated this policy. Failure to consent to a search or display personal property for visual inspection may be grounds for discharge or denial of access to the District's premises. Searches of an employee's personal property will take place only in the employee's presence. All searches under this policy will occur with the utmost discretion and consideration for the employee involved. Individuals may be required to empty their

pockets, but under no circumstances will an employee be required to remove articles of clothing or be physically searched. The District reserves the right to cooperate with or enlist the services of proper law enforcement authorities during any investigation.

M. Interaction with DOT-Covered Employees

All District employees are subject to this policy. Additionally, those who qualify as Commercial Motor Vehicle Drivers, e.g., that utilize a CDL for District Purposes, are also and separately subject to the District's Drug & Alcohol Testing Policy For DOT-Covered Commercial Drivers ("DOT policy").

N. ~~AHCA (Agency for Health Care Administration)~~ Certified Testing Laboratories and Medical Review Officers

The District uses only AHCA certified testing laboratories and American Association of Medical Review Officers (AAMRO) Certified Medical Review Officers. For information concerning laboratories and medical review officer services please contact:

Total Compliance Network/South Atlantic Testing Services; address: 5440 NW 33rd Avenue, Suite 106, Ft. Lauderdale, FL 33309; telephone: (954) 677-1200.

O. Employer Protection

This policy supersedes any information provided to applicants and/or employees, either written or oral. The District reserves the right to change provisions of this policy and testing program at any time in the future.

P. Drug Referral Services and Support Groups Nationwide:

National Drug & Alcohol Treatment and Referral Hot-line: 1-800-662-4357, Confidential information on treatment, self-, and support programs for drug users.

State of Florida:

Operation Par (Par Outpatient Counseling) 10901-C Roosevelt Boulevard, Suite 1000 St. Petersburg, Florida 33716 (813) 577-5812	Sarasota Memorial Hospital 1700 S. Tamiami Trail Sarasota, Florida 34239-3555 (813) 953-1783	Southwest Fl. Addiction Services 2101 McGregor Blvd. Fort Myers, Florida 33901 (813) 337-4411
Tri-County Addictions Rehabilitation 1831 N. Crystal Lake Drive Lakeland, Florida 33803 (813) 667-0333	Tampa Metro Treatment Center 5202 East Busch Blvd. Tampa, Florida 33617 (813) 980-3260	Alcohol & Drug Abuse (S.D.A.P) 451 Riverside Drive Stuart, Florida 34994 (407) 286-8933
Central Fl. Substance Abuse 1048 A. Dixon Blvd. Cocoa, Florida 32922 (407) 631-4578	Columbia Lawnwood Pavillion 1870 North Lawnwood Circle Fort Pierce, Florida 34950 (561) 466-1500	Savannas Hospital 2550 S.E. Walton Road Port St. Lucie, Florida 34952 (561) 335-0400

<p>Charter Counseling Center of Brooksville 12120 Cortez Blvd. Brooksville, Florida 34613 (352) 596-4420</p>	<p>Center for Life Enrichment 11820 Beach Blvd. Jacksonville, Florida (904) 642-6680</p>	<p>Charter Woods Counseling Center 700 W. 23rd. Street, Suite 54 Panama City, Florida 32405 (904) 769-3252</p>
<p>Care Center for Mental Health 1205 4th. Street Key West, Florida 33040 (305) 292-6843</p>	<p>Transitions 1928 N.E. 154th. Street N. Miami Beach, Florida 33162 (800) 626-1980</p>	<p>Beachcomber 4493 N. Ocean Blvd. Delray Beach, Florida 33483 (561) 734-1818</p>
<p>Fort Lauderdale Hospital 1601 East Las Olas Blvd. Fort Lauderdale, Florida 33301 (954) 463-4321</p>	<p>Mental Health Assoc. of Central Fl. 608 Mariposta Street Orlando, Florida 32801 (407) 843-1563</p>	<p>Lake Wales Drug Awareness Council P.O. Box 7432 Lake Wales, Florida 33859-2432 (813) 676-1949</p>
<p>Life Stress Behavioral Center P.O. Box 491000 Leesburg, Florida 34719-1000 (352) 787-9178</p>	<p>Bowling Green Treatment Center 2727 Capital Medical Blvd. Tallahassee, Florida 32301 (800) 243-9007</p>	<p>Columbia Behavioral Health Center 3130 S.W. 27th. Avenue Ocala, Florida 32674 (352) 237-7293</p>

DRUGFREE WORKPLACE EMPLOYMENT ACKNOWLEDGMENT AGREEMENT

I hereby acknowledge that I have received the District's Drug Free Workplace policy, which includes employee assistance information, a listing of drugs being tested for, common over-the-counter medications which may alter a drug test and educational material on substance abuse.

I freely and voluntarily agree and realize that as part of my employment, I may be subjected to future drug and/or alcohol screens for post-accident, reasonable suspicion, routine fitness-for-duty, return to work, follow-up, and/or random testing at The District's discretion. I understand that a refusal to submit to a blood, urinalysis, hair and/or breath test will result in immediate termination from employment. I understand that a tampered or an adulterated drug and/or alcohol specimen will be considered a refusal to test, resulting in immediate termination. I understand that a confirmed positive drug and/or alcohol test will result in immediate termination of employment for employees who have less than one (1) year of service with the District or who have previously received a confirmed positive drug and/or alcohol test. I understand that employees with one (1) or more years of service who have not previously received a confirmed positive drug and/or alcohol test ~~shall~~will be suspended for five (5) work days without pay, plus five (5) work days of leave using vacation leave, sick leave, or unpaid leave as available in the specified order, be required to obtain assessment and treatment for substance abuse as specified in this policy, and may return to work subject to the Follow-Up testing requirements and submitting a fitness for duty certification. I understand that the District reserves the right not to offer employment to a former employee who was terminated in violation of this policy, even if a job is available.

I agree to voluntarily submit to a blood, urinalysis, hair and/or breath test for drug or alcohol use as part of my ongoing employment, and I release my employer from any liability resulting from my participation in such a screening. I understand that if I am injured during the course and scope of my employment and I test positive for the presence of alcohol and/or drugs, I may forfeit my eligibility for medical and indemnity benefits under Florida's workers' compensation law. I also understand that a refusal to test under this circumstance will automatically result in forfeiture of my eligibility for medical and indemnity benefits and immediate termination from employment. I understand that a confirmed positive drug and/or alcohol test, a tampered with or an adulterated specimen or a refusal to test may result in forfeiture of unemployment benefits under Florida law.

I hereby give my consent to release the results of my drug or alcohol test to the person(s) or department(s) or the specified agent of my employer, including my employer's Workers' Compensation Insurance Company, for the purpose of determining the presence of alcohol and/or other drugs in my body for the duration of my employment. By signing this form, I hereby release to the District and/or the District's Medical Review Officer the results of the test(s) to which I have consented. I further authorize the District to discuss the results with medical personnel physician collecting the specimen, the testing facility, its directors, officers, agents, and employees responsible for administering the aforementioned test(s) or evaluating the results thereof and any of them herein. I also authorize the District to discuss the results with its legal advisors and to use the test results as a defense to any legal action to which I am a party. I further release any testing facility or any physicians who have tested me from any liability arising from a release of any and all results, written reports, medical records, and data concerning my test(s) to the appropriate Employer officials. I agree to have the results released to the District and/or the District's Medical Review Officer.

I also understand that the Drug-Free Workplace Policy and related documents are not intended to constitute a contract between this employer and myself.

As an employee, I understand and agree to abide by the District's Drug-Free Workplace Policy, under Florida statute 440.101 and 440.102, and have received a written 60-day notification of this program, if applicable.

Employee~~Applicant~~ Signature

Print Name

Date

As a job applicant for a Mandatory Testing Position, I freely and voluntarily agree to a drug screen as part of my application for employment and I understand that a refusal to test, a positive confirmed drug test or a tampered with or an adulterated specimen will disqualify me from employment, even if I have started work pending the results of the drug test. I understand I am still completing the application process and will not officially be an employee until the District receives a negative pre-employment drug test result. If I am employed by the District, I understand and agree to abide by the Drug-Free Workplace Policy, under Florida statute 440.101 and 440.102, as stated above, which may include random testing in the future.

Job Applicant Signature

Print Name

Date



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: D. ALBREY ARRINGTON, Ph.D.
DATE: MARCH 11, 2025
SUBJECT: Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers

In our continuing effort to systematically review and update our policies, Mike Navicky (LRD Human Resources Generalist), Ed Horchar (LRD Safety Officer), and I have carefully reviewed our “Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers”, which was last reviewed and approved by the Governing Board in February 2022.

After a thorough review, this policy was found to be adequate and no significant revisions were noted. Nonetheless, we systematically replaced “shall” with “must”, “will”, or “may” depending on the context. While this may seem trivial, in *Gutierrez de Martinez v. Lamagno* (1995), the U.S. Supreme Court acknowledged that “shall” can mean “must,” “may,” or something else depending on context. So, the proposed revisions are intended to improve the clarity of this policy.

Also, we clarified acronyms (e.g., FMCSA).

The following motion is recommended for approval:

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

Gordon M. Boggie
CHAIRMAN

Kevin Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Drug & Alcohol Testing Policy For DOT-Covered Commercial Drivers

Background and Purpose

The illegal use of drugs and the abuse of alcohol are problems that invade the workplace, endangering the health and safety of the abusers and those who work around them. Every employee and applicant should understand those dangers and be aware of the federal requirements and state guidelines concerning substance abuse and alcohol in the workplace.

The District's Drug & Alcohol Testing Policy For DOT-Covered Commercial Drivers ("the Policy") was developed in conformity with the Department of Transportation Regulations located in 49 C.F.R. Part 40 and 49 CFR Part 382, which are on file with the District's Designated Employer Representative (DER) [the District's Human Resources Officer, Safety Officer and Executive Director] for review at any time during normal working hours.

Our policy formally and clearly states that the illegal use of drugs and abuse of alcohol or prescription drugs will not be tolerated. As a means of maintaining this policy, the District has implemented pre-employment and active employee drug testing as outlined in this Policy.

This Policy is designed to help prevent accidents and injuries resulting from the misuse of alcohol or use of controlled substances by drivers of commercial motor vehicles. Substance abuse, while at work or otherwise, seriously endangers the safety of employees, as well as the general public, and creates a variety of workplace problems including increased injuries on the job, increased absenteeism, increased health care and benefit costs, increased theft, decreased morale, decreased productivity, and a decline in the quality of products and services provided. This policy is designed to detect users and remove abusers of drugs and alcohol.

Commercial drivers are subject to Department of Transportation ("DOT") testing regulations, which includes placement in a *separate random testing pool* containing only DOT-covered employees for the purposes of DOT compliance. With regard to those employees covered by the DOT regulations, the federal regulations, as amended from time to time, shall will govern any conflicts with this Policy. As employees of the District, DOT-covered commercial drivers are also separately subject to the District's Drug-Free Workplace Policy which covers all employees.

The District will impose disciplinary action up to, and including, termination for any employee whose conduct violates this Policy.

Applicability and Participation Required

This Policy applies to every employee who is required to maintain a commercial driver's license (CDL) whose position requires operation of a commercial motor vehicle owned or leased by the District. These employees are referred to as "commercial drivers" and include full time, regularly-employed drivers; casual, intermittent or occasional drivers; leased drivers and independent owner-operator contractors.

Participation in the DOT Workplace Drug and Alcohol Testing Programs as set forth in this Policy is a requirement for all commercial drivers and is a condition of employment. Failure to participate and comply with the requirements set forth in this Policy may result in disciplinary action up to and including termination of employment. For the District's purposes our DOT-covered commercial drivers required to participate in this program include the following positions:

- Collection & Distribution System Operators
- Construction Coordinator
- Construction Foreman
- Construction Inspectors
- Construction Manager
- Construction Operators
- Industrial Pretreatment Coordinator
- Inspectors
- Plant Electricians
- Plant Maintenance Foreman
- Plant Maintenance Technicians
- Plant Mechanics
- Reuse System Operators
- Utility Locate Technicians
- Utility Compliance Technicians
- Wastewater Treatment Plant Operators

While the District may require other positions to maintain a CDL license, the employees filling those positions are not subject to the Drug & Alcohol Testing Policy For DOT-Covered Commercial Drivers because it has been determined those positions never operate commercial motor vehicles.

Definitions

Commercial motor vehicle (CMV) means a motor vehicle or combination of motor vehicles used in commerce to transport passengers or property if the motor vehicle is a—

- (1) Combination Vehicle (Group A)—having a gross combination weight rating or gross combination weight of 11,794 kilograms or more (26,001 pounds or more), whichever is greater, inclusive of a towed unit(s) with a gross vehicle weight rating or gross vehicle weight of more than 4,536 kilograms (10,000 pounds), whichever is greater; or
- (2) Heavy Straight Vehicle (Group B)—having a gross vehicle weight rating or gross vehicle weight of 11,794 or more kilograms (26,001 pounds or more), whichever is greater; or
- (3) Small Vehicle (Group C) that does not meet Group A or B requirements but that either—
 - (i) Is designed to transport 16 or more passengers, including the driver; or
 - (ii) Is of any size and is used in the transportation of hazardous materials as defined in this section.

Safety-sensitive function means all time from the time a commercial driver begins work or is required to be in readiness to work until the time he/she is relieved from work and all responsibility for performing work. Safety-sensitive functions ~~shall~~will include:

- (1) All time at an employer or shipper plant, terminal, facility, or other property, or on any public property, waiting to be dispatched, unless the commercial driver has been relieved from duty by the employer;
- (2) All time inspecting, servicing, or conditioning any commercial motor vehicle at any time;
- (3) All time spent at the driving controls of a commercial motor vehicle in operation;

- (4) All time, other than driving time, in or upon any commercial motor vehicle except time spent resting in a sleeper berth (a berth conforming to the federal requirements);
- (5) All time loading or unloading a vehicle, supervising, or assisting in the loading or unloading, attending a vehicle being loaded or unloaded, remaining in readiness to operate the vehicle, or in giving or receiving receipts for shipments loaded or unloaded; and
- (6) All time repairing, obtaining assistance, or remaining in attendance upon a disabled vehicle.

Dual Testing Requirements

As noted above, commercial drivers subject to the testing requirements of this Policy are separately subject to the District's Drug-Free Workplace Policy covering all employees. The District Drug-Free Workplace Policy reflects requirements of the District and are not required by the DOT. Any personnel actions under the general Drug-Free Workplace Policy will be clearly indicated as being based on District authority under the Drug-Free Workplace Policy and not based upon the Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers. Any personnel actions under this Policy will be clearly indicated as such.

Required Hours Of Compliance

Alcohol prohibited:

- while on duty;
- 4 hours prior to on-duty time; and,
- 8 hours following an accident or until a post-accident test is complete, whichever occurs first.

Controlled Substances:

Commercial Drivers are prohibited from reporting to, or remaining on, duty when using any controlled substance, unless the use is at the direction of a physician who advised that the substance does not adversely affect the commercial driver's ability to safely operate a commercial motor vehicle.

Drug & Alcohol Testing Policy Dissemination

1. The District will give a general one-time notice to its commercial drivers that it is a condition of employment for employees to refrain from reporting to work or working with the presence of drugs or alcohol in his or her body and that a drug testing program is in place. To this end, each commercial driver ~~shall~~will be provided a copy of this Policy, and each employee is required to sign a statement certifying that he or she has received a copy of the Policy. The District will maintain the original of the signed certificate and will provide a copy of the certificate to the employee upon request.
2. Prior to each alcohol or controlled substance test performed under this Policy, each employee or job applicant for employment to be tested will be advised that the testing is being conducted pursuant to this Policy.
3. A notice of drug testing will be included with all vacancy announcements for those positions where drug testing is required (want ads, job postings, etc.). A notice of the Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers will also be posted in an

appropriate and conspicuous location on the District's intranet and copies of the policies will be made available for inspection during regular business hours by the employee or job applicant in the District's Human Resources office.

Designated Employer Representative

The District has designated certain individuals as Designated Employer Representatives (DER). These individuals are responsible for the administration of the DOT Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers, and are authorized by the District to take immediate action(s) to remove employees from safety-sensitive duties, or cause employees to be removed from these covered duties, and to make required decisions in the testing and evaluation processes. The DER is also authorized to receive test results and other communications for the District, consistent with the requirements of this Policy and with the applicable regulations. The DER is available to answer any questions by employees concerning this policy. The DERs for the District are the Human Resources Officer, Safety Officer, and the Executive Director.

Drug And Alcohol Testing Record (Clearinghouse Queries)

The District is required under DOT regulations to obtain information regarding the drug and alcohol testing record of commercial drivers from their previous DOT-regulated employers where the District intends to use such drivers to perform safety-sensitive duties. As a result of this requirement and in accordance with federal regulations (49 C.F.R. § 382.701), the District will query the Federal Motor Carrier Safety Administration (FMCSA) Drug and Alcohol Clearinghouse (Clearinghouse) for any drug or alcohol information pertaining to DOT-covered CDL drivers and applicants, as follows:

- 1) *Full pre-employment queries* will be conducted on applicants for any position which requires a DOT-covered CDL license or on current employees who have not held a position requiring a DOT-covered CDL license with the District. As a condition of consideration for employment, applicants will be required to provide the Clearinghouse with consent to allow the District to conduct a full query.
- 2) *For current employees* who are employed in a position requiring a DOT-covered CDL, a *limited query* of the Clearinghouse will be conducted annually. As a condition of continued employment, employees are required to execute the required consent form permitting the limited query. If the limited query reveals that information about the CDL driver exists in the Clearinghouse, the District will conduct a full query within 24 hours. As a condition of continued employment, the DOT-covered CDL driver will be required to provide the Clearinghouse with consent allowing the District to conduct a full query.

In accordance with federal regulations (49 C.F.R. § 382.703), the District (or its Service Agent if the District uses a Third-Party Administrator to administer its DOT drug testing policy) will report the following drug and alcohol information regarding DOT-covered CDL drivers/applicants to the FMCSA:

Reporting entity	When information will be reported to Clearinghouse
District	<ul style="list-style-type: none"> • A verified positive, adulterated or substituted drug test result. • An alcohol confirmation test with a concentration of 0.04 or higher. • Refusal to test (alcohol) as specified in 49 CFR 40.261.
	<ul style="list-style-type: none"> • Refusal to test (drug) not requiring a determination by the MRO as specified in 49 CFR 40.191.
	<ul style="list-style-type: none"> • Actual knowledge that a driver has used alcohol on duty, used alcohol within four hours of coming on duty, used alcohol prior to post-accident testing, or has used a controlled substance. “Actual knowledge” means the employer's direct observation of the employee, a traffic citation for driving a CMV while under the influence of alcohol or controlled substances, or an employee's admission of alcohol or controlled substance use. Direct observation means observation of alcohol or controlled substances use and does not include observation of employee behavior or physical characteristics sufficient to warrant reasonable suspicion testing. “Traffic citation” means a ticket, complaint, or other document charging driving a CMV while under the influence of alcohol or controlled substances. Following the process under “Seeking Voluntary Assistance” under this policy does not constitute “actual knowledge” and is not reported to the Clearinghouse.
	<ul style="list-style-type: none"> • Negative return-to-duty test results (drug and alcohol testing, as applicable) • SAP’s report of successful completion of return-to-duty process
	<ul style="list-style-type: none"> • Completion of follow-up testing.
Service Agent acting on behalf of District (if the District uses a TPA)	<ul style="list-style-type: none"> • A verified positive, adulterated or substituted drug test result. • An alcohol confirmation test with a concentration of 0.04 or higher. • Refusal to test (alcohol) as specified in 49 CFR 40.261.
	<ul style="list-style-type: none"> • Refusal to test (drug) not requiring a determination by the MRO as specified in 49 CFR 40.191.
	<ul style="list-style-type: none"> • Actual knowledge that a driver has used alcohol on duty, used alcohol within four hours of coming on duty, used alcohol prior to post-accident testing, or has used a controlled substance. “Actual knowledge” means the employer's direct observation of the employee, a traffic citation for driving a CMV while under the influence of alcohol or controlled substances, or an employee's admission of alcohol or controlled substance use. Direct observation means observation of alcohol or controlled substances use and does not include observation of employee behavior or physical characteristics sufficient to warrant reasonable suspicion testing. “Traffic citation” means a ticket, complaint, or other document charging driving a CMV while under the influence of alcohol or controlled substances. Following the process under “Seeking Voluntary Assistance” under this policy does not constitute “actual knowledge” and is not reported to the Clearinghouse.
	<ul style="list-style-type: none"> • Negative return-to-duty test results (drug and alcohol testing, as applicable) • SAP’s report of successful completion of return-to-duty process
	<ul style="list-style-type: none"> • Completion of follow-up testing.

If an employee or applicant refuses to provide the necessary consent, the District will not permit the employee to perform safety-sensitive functions and may subject the employee to disciplinary action, including immediate termination.

If the District obtains information that an employee or applicant has violated a DOT agency drug and alcohol regulation, the employee or applicant will not be permitted to perform safety-sensitive functions unless the District obtains or is provided documented proof that the employee has subsequently complied with the return-to-duty requirements of 49 CFR Part 40.

Required Testing

Pre-employment testing

All job applicants for commercial driver positions, including internal transfers, are required to undergo testing for controlled substances as a condition of employment. Additionally, prior to the first time an employee performs safety-sensitive functions for the District as a commercial driver, either as a new hire or as a result of a transfer, the employee ~~shall~~will undergo testing for controlled substances. The District will not allow an employee to perform safety-sensitive functions unless the District has received a controlled substances test result from the MRO or C/TPA indicating a verified negative test result for that commercial driver.

The District reserves the right to invoke any and all exceptions to the pre-employment testing requirement as set forth in the DOT regulations (49 CFR § 382.301(b)).

Post-accident testing

Commercial drivers will be tested as soon as practicable following an occurrence involving a commercial motor vehicle on a public road in commerce as follows:

Type of Accident	Citation Issued* to	Test Must Be
Human Fatality	Yes	Yes
Human Fatality	No	Yes
Bodily injury with immediate medical treatment away from scene	Yes	Yes
Bodily injury with immediate medical treatment away from scene	No	No
Disabling damage to any motor vehicle requiring tow away	Yes	Yes
Disabling damage to any motor vehicle requiring tow away	No	No

*In the above chart, “citation issued” refers to a citation received by the commercial vehicle driver under State or local law for a moving traffic violation arising from the accident. With respect to alcohol testing, the citation must be received within eight (8) hours of the occurrence. With respect to controlled substance testing, the citation must be received within thirty-two (32) hours of the occurrence.

If an alcohol test is required but not administered within two (2) hours following the accident, the District will prepare and maintain a record stating the reasons it was not promptly administered. The District will not attempt to administer an alcohol test after eight (8) hours, or a controlled substance test after thirty-two (32) hours, following the accident.

Commercial drivers subject to post-accident testing ~~shall~~must remain readily available for testing or the District may designate such unavailability as a refusal to submit to testing and the commercial driver will be subject to immediate termination. However, nothing in this section ~~shall~~will be construed to require the delay of necessary medical attention for injured people following an accident or to prohibit an employee from leaving the scene of an accident for the period necessary to obtain assistance in responding to the accident, or to obtain necessary emergency medical care. The results of a breath or blood test for the use of alcohol, or the results of a urine test for the use of controlled substances, conducted by Federal, State, or local officials having independent authority for the test, meet the requirements of testing under this policy, provided the tests conform to the applicable Federal, State or local alcohol or controlled substance testing requirements, and that the results of the tests are obtained by the employer.

Post-accident testing under this Policy does not apply to:

- (a) An occurrence involving only boarding or alighting from a stationary motor vehicle;
- (b) An occurrence involving only the loading or unloading of cargo; or
- (c) An occurrence in the course of the operation of a passenger car by an employer unless the motor vehicle is transporting passengers for hire or hazardous materials that require DOT-mandated markings or placards.

Random testing

Every DOT covered commercial driver ~~shall~~must submit to unannounced random alcohol and controlled substance testing to be spread reasonably throughout the calendar year. However, a DOT covered employee will only be tested for alcohol while performing safety-sensitive functions, just prior to performing safety-sensitive functions, or just after performing such functions. The selection of employees for random alcohol and controlled substances testing ~~shall~~will be made by a scientifically valid method, and each employee selected for random alcohol and controlled substances testing under the selection process used, ~~shall~~will have an equal chance of being tested each time selections are made. Each employee selected for testing ~~shall~~must be tested during the selection period. Random testing for commercial drivers will be conducted according to the applicable rates mandated by the DOT and its applicable agencies (2022 DOT Rates: 50% Random Drug; 10% Random Alcohol), but may exceed those rates at the District's discretion.

After notification, it is the responsibility of the employee to provide a specimen within the allotted time. At the time of the notification, the donor will be instructed to go directly to the designated collection site. The employee will notify the collection site personnel that he/she has been selected for a random test and that he/she is ready to provide a specimen for the requested test.

Reasonable suspicion testing

Commercial drivers who, based on specific, contemporaneous, articulable observations of a qualified supervisor concerning the appearance, behavior, speech or body odor, may be reasonably suspected of using or being under the influence of alcohol or controlled substances or tampering

with a drug screen test, ~~shall~~must undergo alcohol and controlled substance testing. In the case of controlled substances, the observations may include indications of the chronic and withdrawal effect of controlled substances.

A “qualified supervisor” is a supervisor or District official who has received at least 60 minutes of training on alcohol misuse and receive at least an additional 60 minutes of training on controlled substances use. The training will be used by the supervisors to determine whether reasonable suspicion exists to require a commercial driver to undergo testing. The training ~~shall~~must include the physical, behavioral, speech, and performance indicators of probable alcohol misuse and use of controlled substances. Recurrent training for supervisory personnel is not required.

Alcohol testing is only authorized for reasonable suspicion testing if the observations are made during, just preceding, or just after the period of the workday that the commercial driver is required to be in compliance. A commercial driver may only be directed to submit to this testing while he/she is performing safety-sensitive duties, just before or just after the driver performed such duties. An alcohol test pursuant to reasonable suspicion testing ~~shall~~must occur within eight (8) hours. If the alcohol testing is done after two (2) hours from the time the observations occurred, the District must document the reasons the test was not promptly administered.

Notwithstanding the absence of a reasonable suspicion alcohol test under this section, no commercial driver ~~shall~~may report for duty or remain on duty under the influence of or impaired by alcohol, as shown by the behavioral, speech, and performance indicators of alcohol misuse, nor ~~shall~~will the District permit the employee to perform or continue to perform his/her work duties, including any safety-sensitive functions, until:

- (i) An alcohol test is administered and the employee's alcohol concentration measures less than 0.02; or
- (ii) Twenty-four hours have elapsed following the determination that there is reasonable suspicion to believe that the employee has violated the prohibitions in this part concerning the use of alcohol.

A copy of documentation supporting a reasonable suspicion test will be completed and signed by the qualified supervisor within 24 hours of the observed behavior or before the results of the tests are released, whichever is earlier, and will be retained confidentially by the District.

On the basis of circumstances requiring a reasonable suspicion test, a commercial driver will immediately be removed from safety-sensitive functions and placed on paid administrative leave pending the outcome of the required drug and/or alcohol test.

Return to Duty and Follow-up testing

Any commercial driver with less than one (1) year of service with the District who has a confirmed positive drug and/or alcohol test, or an employee with one (1) year or more of service with the District who previously received a confirmed positive drug and/or alcohol test, will be terminated. Similarly, commercial drivers who refuse to be tested (as defined in this policy) when directed will be terminated. The District is not required to provide these commercial drivers with an evaluation by a Substance Abuse Professional (SAP) or any subsequent recommended education or treatment.

Any commercial driver with one (1) year or more of service with the District who has a confirmed positive drug and/or alcohol test, and who has not previously received a confirmed positive drug and/or alcohol test, will:

- Be suspended without pay for five (5) work days;
- Provide documentation to Human Resources no later than the 4th day of suspension without pay that the employee has sought and received an evaluation by a qualified SAP and that the employee has enrolled in and/or committed to the SAP's recommended education and/or treatment program;
- Use vacation leave, sick leave, or unpaid leave as available in the specified order for the next five (5) work days;
- Submit a Certification of Health Care Provider for FMLA leave, if applicable, to Human Resources no later than the 15th calendar day after receiving the positive confirmed drug and/or alcohol test; and
- Be removed from all DOT-defined safety-sensitive duties until the SAP reports successful compliance with all recommended education and/or treatment program. If the SAP evaluation permits the employee to perform DOT non-safety sensitive duties after 10 workdays and before completing the return to work process, the District retains sole discretion as to whether such work is available and, if so, the applicable pay rate.

The evaluation by a SAP and compliance with the SAP's recommendations are at the commercial driver's sole cost and expense, unless otherwise covered by any insurance programs.

After successful compliance with the prescribed education and/or treatment as determined by the SAP, a commercial driver is required to undergo a return to duty test for controlled substances and/or alcohol before returning to safety-sensitive duties. Follow-up tests are unannounced and at least 6 tests must be conducted in the first 12 months after an employee returns to duty as provided by the SAP's follow-up testing plan. Follow-up testing may extend for up to 60 months following return to duty. All of the follow-up tests and the return-to-duty test must be through directly observed collections and the testing facility will be made aware of the nature of the test to ensure collection is compliant with DOT procedures. The follow-up testing is in addition to the commercial driver's participation in the random testing pool upon return to DOT-covered safety sensitive duties.

The commercial driver and the District are prohibited from seeking a second SAP evaluation in order to obtain another recommendation after a qualified SAP has evaluated the employee.

Additional testing

Additional testing may also be conducted as required by applicable state or federal laws, rules, or regulations, in accordance with the District's Drug-Free Workplace Policy For All Employees or as otherwise deemed necessary by the District.

Substances To Be Tested And Detection Thresholds

The District tests for the following substances pursuant to the federal regulations:

	<u>Drug Screen Cut-off GC/MS</u>
Marijuana metabolites/THC	50 ng/mL - 15ng/mL
Cocaine metabolites	150 ng/mL - 100 ng/mL
Codeine/Morphine	2,000 ng/mL – 2,000 ng/mL
Hydrocodone/Hydromorphone	300 ng/mL – 100 ng/mL
Oxycodone/Oxymorphone	100 ng/mL – 100 ng/mL
6-Acetylmorphine	10 ng/mL – 10 ng/mL
Phencyclidine (PCP)	25 ng/mL - 25 ng/mL
Amphetamines, Methamphetamine	500 ng/mL - 250 ng/mL
Methylenedioxymethamphetamine (MDMA)	500 ng/mL - 250 ng/mL

Alcohol - removal from safety-sensitive position at 0.02 alcohol concentration or greater, violation of Policy at 0.04 alcohol concentration or greater.

Prescribed or Over-the-Counter Medications

The District recognizes that eventually most employees will need to take medications to combat various illnesses. Commercial drivers must realize, however, that the use of certain medications may constitute a violation of this Policy if not properly reported, and may potentially alter or affect the results of a drug or alcohol test. A commercial driver could potentially test positive for a drug when taking medications prescribed by a doctor or purchased over-the-counter. Some medications known to alter or affect a drug test are listed in the next section of this Policy.

Employees who want more comprehensive or technical information about the use of medications, and their potential effects on the drug test results, should consult the District's DER or a local testing laboratory. To avoid the potential problems created by a false test result, the District has implemented procedures to enable employees to confidentially report the use of medications. An employee may report the use of medications on the back of his/her copy of the chain of custody form after the specimen is collected and discuss the use only with the Medical Review Officer.

However, employees are required to report the use of prescribed drugs for which the District tests and provide written certification from their physician advising that the substance does not adversely affect driver's ability to safely operate a commercial motor vehicle **prior to engaging in any safety sensitive functions.**

Note about Medical Marijuana and CBD Products: The DOT's Drug and Alcohol Testing Regulation – 49 CFR Part 40, at 40.151(e) – **does not authorize “medical marijuana” under a state law** to be a valid medical explanation for a commercial driver's positive drug test result. Therefore, a positive test result for marijuana or THC will result in the consequences set forth for a positive drug test. Furthermore, CBD use is not a legitimate medical explanation for a laboratory-confirmed marijuana positive result. Therefore, the MRO will verify a drug test confirmed at the appropriate cutoffs as positive, even if the commercial driver claims s/he only used a CBD product.

Substances Which Could Alter Or Affect The Outcome Of A Drug Test

The following substances, listed by brand name and common name, are among those that could affect the results of a drug test. This list is not comprehensive. All questions concerning substances which could result in a positive test should be directed to the District's DER.

1. AMPHETAMINES: Abetrol, Biphetamine, Desoxyn, Dexadrine, Didrex
2. CANNABINOIDS: Marinol (Dronabinol, THC), Marijuana, Hash, Pot
3. COCAINE: Cocaine HCI Topical Solution (Roxanne), Crack, Coke
4. PHENCYCLIDINE: PCP, Angel Dust
5. OPIATES: Paregoric, Parepectolin, Donnegan PG, Morphine, Tylenol with Codeine, Empirin with Codeine, APAP with Codeine, Aspirin with Codeine, Robitussin AC, Guaiatuss AC, Novahistine DH, Novahistine Expectorant, Diluadid (Hydromorphone), M-S Contin and Roxanol (morphine sulfate), Percodan, Vicodin, Opium, Heroin
6. ALCOHOL: Liquid medications containing ethyl alcohol (ethanol). Please read the label for alcohol content. For example, Vick's Nyquil is 25% (50 proof) ethyl alcohol; Comtrex is 20% (40 proof); Contac Severe Cold Formula Night Strength is 25% (50 proof); and Listerene is 26.9% (54 proof); Booze, Drink, wine, distilled spirits, malt beverages, beer, etc.
7. BARBITUATES: Phenobarbitol, Tuinal, Amytal
8. BENZODIAZOPHINES: Ativan, Azene, Klonopin, Dalmone, Diazepam, Halcion, Librium, Poxipam, Restoril, Serax, Transene, Valium, Vertron, Xanax
9. METHADONE: Dolophine, Methadose
10. PROPOXYPHENE: Darvocet, Darvon N, Dolene

Testing Procedures

All alcohol or controlled substances testing under this Policy ~~shall~~must be conducted in conformity with the provisions and procedures set forth in the DOT Workplace Drug and Alcohol Testing Programs (49 C.F.R. Part 40 and 49 C.F.R. Part 382), which are on file with the District's DER for review at any time during normal working hours. In summary, the testing procedures adopted by this Policy are as follows:

Alcohol Testing

All alcohol testing will be conducted using one of two possible methods. Alcohol testing may be performed using evidential breath testing (EBT) devices or saliva alcohol screening devices (ASD) approved by the NHTSA. A screening test is conducted first. Any result less than 0.02 alcohol concentration is considered a "negative" test. If the alcohol concentration is 0.02 or greater, a second confirmation test must be conducted. The employee and the individual conducting the test

(called a breath alcohol technician (BAT)) complete the alcohol testing form to ensure that the results are properly recorded. The confirmation test, if required, must be conducted using an EBT that prints out the results, date and time, a sequential test number, and the name and serial number of the EBT to ensure the reliability of the results. The confirmation test results determine any actions taken. Under certain circumstances, post-accident tests conducted by law enforcement personnel will be acceptable.

Controlled Substance Testing

Controlled substance testing is conducted by analyzing an employee's urine specimen. The analysis is performed at laboratories certified and monitored by the Department of Health and Human Services (DHHS). The employee provides a urine specimen in a location that affords privacy and the "collector" seals and labels the specimen, completes a chain of custody document, and prepares the specimen and accompanying paperwork for shipment to a drug testing laboratory. The specimen collection procedures and chain of custody ensure that the specimen's security, proper identification and integrity are not compromised. The testing for DOT requirements will be performed using "split specimen procedures" that require each urine specimen to be subdivided into two bottles labeled as a "primary" and a "split" specimen. Both bottles are sent to a laboratory. Only the primary specimen is opened and used for the urinalysis. The split specimen bottle remains sealed and is stored at the laboratory. The testing is a two-stage process. First, a screening test is performed. If it is positive for one or more of the controlled substances, then a confirmation test is performed for each identified controlled substance using state-of-the-art gas chromatography/mass spectrometry (GC/MS) analysis.

GC/MS confirmation ensures that over-the-counter medications or preparations are not reported as positive results. If the analysis of the primary specimen confirms the presence of illegal, controlled substances, the commercial driver has 72 hours to request the split specimen be sent to another DHHS certified laboratory for analysis. This split specimen procedure essentially provides the driver with an opportunity for a "second opinion."

All drug test results are reviewed and interpreted by a physician (Medical Review Officer (MRO)) before they are reported to the District. If the laboratory reports a positive result to the MRO, the MRO contacts the employee (in person or by telephone) and conducts an interview to determine if there is an alternative medical explanation for the drugs found in the employee's urine specimen. If the employee provides appropriate documentation and the MRO determines that the positive result was due to legitimate medical use of the prohibited drug, the drug test result is reported as negative to the District.

Note about Medical Marijuana and CBD Products: The MRO may not verify a drug test as negative based upon information that a physician recommended that the employee use "medical marijuana." Furthermore, CBD use is not a legitimate medical explanation for a laboratory-confirmed marijuana positive result. Therefore, the MRO will verify a drug test confirmed at the appropriate cutoffs as positive, even if an employee claims they only used "medical marijuana" or a CBD product.

Prohibited Conduct Under DOT Regulations As Adopted By This Policy

The following is an overview of the terms and conditions of this Policy, and for violation of which a commercial driver is subject to discipline as outlined below.

1. It is a violation of DOT regulations, as adopted by this Policy, for any employee to report for duty or remain on duty requiring the performance of safety-sensitive functions while having an alcohol concentration of 0.04 or greater. DOT regulations require that all covered employees in violation of this rule be immediately removed from safety-sensitive duties, including driving a commercial motor vehicle, and not be allowed to return to such duties until completion of the return to duty process set forth by DOT regulations in 49 CFR Part 40, Subpart O. All employees found in violation of this rule will also be subject to sanctions by the District, as set forth below, for violation of this Policy.
2. It is a violation of DOT regulations, as adopted by this Policy, for any employee to use alcohol while performing safety-sensitive functions. DOT regulations require that all covered employees in violation of this rule be immediately removed from safety-sensitive duties, including driving a commercial motor vehicle, and not be allowed to return to such duties until completion of the return to duty process set forth by DOT regulations in 49 CFR Part 40, Subpart O. All employees found in violation of this rule will also be subject to sanctions by the District, as set forth below, for violation of this Policy.
3. It is a violation of the DOT regulations, as adopted by this Policy, for any employee to perform safety-sensitive functions within four (4) hours after using alcohol. DOT regulations require that all covered employees in violation of this rule be immediately removed from safety-sensitive duties, including driving a commercial motor vehicle, and not be allowed to return to such duties until completion of the return to duty process set forth by DOT regulations in 49 CFR Part 40, Subpart O. All employees found in violation of this rule will also be subject to sanctions by the District, as set forth below, for violation of this Policy.
4. It is a violation of DOT regulations, as adopted by this Policy, for any employee required to take a post-accident alcohol test to use alcohol for eight (8) hours following the accident, or until he/she undergoes a post-accident alcohol test, whichever occurs first. DOT regulations require that all covered employees in violation of this rule be immediately removed from safety-sensitive duties, including driving a commercial motor vehicle, and not be allowed to return to such duties until completion of the return to duty process set forth by DOT regulations in 49 CFR Part 40, Subpart O. All employees found in violation of this rule will also be subject to sanctions by the District, as set forth below, for violation of this Policy.
5. It is a violation of DOT regulations, as adopted by this Policy, for any employee to refuse to submit to a post-accident alcohol or controlled substances test, a random alcohol or controlled substances test, a reasonable suspicion alcohol or controlled substances test, or a follow-up alcohol or controlled substances test. DOT regulations require that all covered employees in violation of this rule be immediately removed from safety-sensitive duties, including driving a commercial motor vehicle, and not be allowed to return to such duties until completion of the return to duty process set forth by DOT regulations in 49 CFR Part 40, Subpart O. All employees found in violation of this rule will also be subject to sanctions by the District, as set forth below, for violation of this Policy.
6. It is a violation of DOT regulations, as adopted by this Policy, for any employee to report for duty or remain on duty requiring the performance of safety-sensitive functions after or during use of any controlled substance, except when the use is pursuant to the instructions of a licensed medical practitioner, who has advised the covered employee that the substance will not adversely affect the driver's ability to safely operate a commercial motor

vehicle. DOT regulations require that all covered employees in violation of this rule be immediately removed from safety-sensitive duties, including driving a commercial motor vehicle, and not be allowed to return to such duties until completion of the return to duty process set forth by DOT regulations in 49 CFR Part 40, Subpart O. All employees found in violation of this rule will also be subject to sanctions by the District, as set forth below, for violation of this Policy.

7. It is a violation of DOT regulations, as adopted by this Policy, for any employee to report for duty, remain on duty or perform a safety-sensitive function, if the driver tests positive or has adulterated or substituted a test specimen for controlled substances. DOT regulations require that all covered employees in violation of this rule be immediately removed from safety-sensitive duties, including driving a commercial motor vehicle, and not be allowed to return to such duties until completion of the return to duty process set forth by DOT regulations in 49 CFR Part 40, Subpart O. All employees found in violation of this rule will also be subject to sanctions by the District, as set forth below, for violation of this Policy.
8. It is a violation of DOT regulations, as adopted by this Policy, for any employee tested under the provisions of this Policy and who is found to have an alcohol concentration of 0.02 or greater but less than 0.04 to perform or continue to perform safety-sensitive functions, including driving a commercial motor vehicle. The District will not permit such an employee to perform or continue to perform safety-sensitive functions, until the start of the next regularly scheduled duty period, but not less than 24 hours following administration of the test. All employees found in violation of this rule will also be subject to sanctions by the District, as set forth below, for violation of this Policy.
9. Employees must also fully comply with all prohibitions set forth in the District's general Drug-Free Workplace Policy, which is applicable to both DOT-covered commercial drivers and non-DOT covered drivers who may or may not hold a CDL. When safety-sensitive commercial drivers are being tested pursuant to this Policy (i.e., the DOT-mandated policy), the testing procedures set forth herein ~~shall~~will apply. When safety-sensitive commercial drivers are being tested pursuant to the general Drug-Free Workplace Policy, the procedures set forth in that policy ~~shall~~will apply.

Consequences Of Violations

In addition to the consequences set forth above for violation of DOT regulations, prohibited conduct by an employee will result in the following District actions:

1. Job Applicants will not be hired.
2. Any employee violating this policy within one (1) year of the start of employment will be terminated.
3. Any employee violating this policy with one (1) or more years of service, after previously receiving a confirmed positive drug and/or alcohol test result will be terminated.
4. Any employee violating this policy with one (1) or more years of service who has not previously received a confirmed positive drug and/or alcohol test will be suspended without pay for five (5) days, use vacation leave, sick leave, or unpaid leave as available in the specified order for the next five (5) days, submit to evaluation by the SAP and successfully comply with all recommended education, treatment and follow-up testing requirements before returning to work.

5. An employee found to have an alcohol concentration of 0.02 or greater, but less than 0.04, ~~shall~~must not perform or continue to perform safety-sensitive functions until the start of the commercial driver's next regularly scheduled duty period, but not less than 24 hours following administration of the test. No action will be taken under this Policy based solely on test results showing alcohol concentrations of less than 0.04, but the District may take action independent of this Policy in accordance with other applicable policies or laws.
6. In addition to the other consequences provided in this Policy, all employees who refuse to submit to an alcohol or drug test to be conducted under this Policy will be presumed to be positive for the presence of alcohol or a controlled substance for the purpose of all workers' compensation medical and indemnity benefits claims arising from the incidents or accidents leading to said testing. Refusal to test ~~shall~~will result in immediate termination.

"Refusal to submit" (to an alcohol or controlled substances test) or "refusal to test" means that an employee:

- a. Failed to appear for any test (except a pre-employment test) within two hours of being directed to report by the District's DER or designee. This includes the failure of an employee to appear for a test when called by a consortium or third-party administrator;
- b. Failed to remain at the testing site until the testing process is complete. Provided, that an employee who leaves the testing site before the testing process commences for a pre-employment test is not deemed to have refused to test;
- c. Failed to provide a urine specimen for any drug test, or failed to attempt to provide a saliva or breath specimen for alcohol testing, required by this Policy or DOT agency regulations. Provided, that an employee who does not provide a urine specimen because he or she has left the testing site before the testing process commences (see 49 CFR Sec. 40.63(c) of the DOT regulations) for a pre-employment test is not deemed to have refused to test;
- d. In the case of a directly observed or monitored collection in a drug test, failure to permit the observation or monitoring of the employee's provision of a specimen;
- e. Failed to provide a sufficient amount of urine when directed, and it has been determined, through a required medical evaluation, that there was no adequate medical explanation for the failure;
- f. Failed or declined to take a second test the District, the District's DER, or collector has directed the employee to take;
- g. Failed to undergo a medical examination or evaluation, as directed by the MRO as part of the verification process, or as directed by the DER as part of the shy bladder or shy lung procedures set forth in 49 CFR Sec. 40.193(d) of the DOT regulations. In the case of a pre-employment drug test, a covered employee is deemed to have refused to test on this basis only if the pre-employment test is conducted following a contingent offer of employment;
- h. Refused to allow collection of specimens for drug and/or alcohol testing by a treating medical facility during the course of treatment following an "accident" requiring post-accident testing, or refused to allow the District access to medical records containing the results of such tests, or any attempt by an employee to block the release of such specimens or medical records;
- i. Failed to cooperate with any part of the testing process (e.g., refuse to empty pockets when so directed by the collector, behave in a confrontational way that disrupts the collection process); or
- j. Is reported by the MRO as having submitted or attempted to submit a verified adulterated, diluted, or otherwise altered or substituted specimen.

Any driver who has a verified positive controlled substances result, an alcohol concentration of 0.04 or greater, or refuses to submit to a test must also be evaluated by a Substance Abuse Professional at his/her own expense, even if the employee is terminated by the District, before obtaining a DOT-covered commercial driver position.

Drug & Alcohol Intervention

There are many good reasons why you should be concerned if any of your coworkers are using drugs or alcohol on the job including, but not limited to:

1. Your health and safety may be at risk.
2. Alcohol misuse and drug use costs you money.
3. Alcohol misuse and drug use creates a negative work environment.

If drinking or using drugs affects your work life, it could lead to job loss and all of the financial problems that could follow. Please contact Human Resources, or encourage a coworker to do so, if you suspect a problem.

Signs and Symptoms of Alcohol and/or Drug Abuse

Any one or more of the following signs may indicate a drinking or drug problem:

- Family or social problems caused by drinking or drug use.
- Job or financial difficulties related to drinking or drug use.
- Loss of consistent ability to control drinking or drug use.
- "Blackouts" or the inability to remember what happened while drinking or taking drugs.
- Distressing physical and/or psychological reactions if you try to stop drinking or taking drugs.
- A need to drink increasing amounts of alcohol to get the desired effect.
- Marked changes in behavior or personality when drinking or taking drugs.
- Getting drunk or high frequently.
- Injuring yourself - or someone else - while intoxicated or high.
- Breaking the law while intoxicated or high.
- Starting the day with a drink or drugs.

Available Resources for Resolving Problems Associated with Alcohol or Drug Abuse

Outpatient programs exist in a variety of settings:

1. Community mental health centers.
2. Family service agencies.
3. Private physicians and therapists' offices.
4. Occupational settings.
5. Specialized alcoholism/drug addiction treatment facilities.

Inpatient services, designed for those with more serious alcohol or drug addiction problems, can be found in hospitals, residential care facilities, community halfway houses, and some clinics.

An internet-based search will list helpful referral organizations such as (none of which are specifically recommended by the District; treatment decisions are highly personal and made by the employee and their family):

U.S. Dept. of Health & Human Services Substance Abuse and Mental Health Services Administration:	1-800-HELP (4357)
Alcoholics Anonymous	1-800-344-2666
M.A.D.D.	1-800-438-6233
AL-ANON Family Group Headquarters	1-800-356-9996

Additionally, an Internet search will identify the names and locations of treatment centers. Also, the United Way, offers many confidential services at no charge. Any costs of outside services are, however, the employee's responsibility.

Employee Assistance Program

The District maintains an Employee Assistance Program (EAP) that may offer services or referrals for employees and their family members who suffer from alcohol or drug abuse problems. Any questions concerning the EAP program can be directed to the District's DER.

Seeking Voluntary Assistance

Any employee who has not previously tested positive for drug and alcohol use and has not yet entered a drug and/or alcohol abuse rehabilitation program, may seek assistance for drug and/or alcohol problems before they lead to disciplinary actions, provided that:

1. The employee does not self-identify in order to avoid testing under the requirements of this Policy;
2. The employee makes the admission of alcohol misuse or controlled substances use prior to performing a safety sensitive function (i.e., prior to reporting for duty); and
3. The employee does not perform a safety sensitive function until the District is satisfied that the employee has been evaluated and has successfully completed education or treatment requirements in accordance with the requirements set forth below.

No employee will be discharged, disciplined, or discriminated against solely upon that employee's voluntarily seeking treatment for a drug and/or alcohol problem if the employee has not previously tested positive for drug use, entered an employee assistance program for alcohol- or drug-related problems, or entered an alcohol and drug rehabilitation program.

Employees may not continue to work in safety sensitive positions or otherwise while seeking voluntary treatment, but may be granted leave without pay with a conditional return to work upon successful completion of an educational or treatment program, as determined by a drug and alcohol abuse evaluation expert, i.e., employee assistance professional, substance abuse professional, or qualified drug and alcohol counselor. An employee returning to work from voluntary treatment ~~shall~~will undergo a return to duty test with a result indicating an alcohol concentration of less than 0.02; and/or a verified negative test result for controlled substances use. For up to two years, a series of periodic non-DOT follow-up drug and/or alcohol tests will be administered after the employee returns to work under the District's general Drug Free Workplace policy.

In compliance with applicable federal regulations, voluntary assistance sought under this section of the policy is not reported to the Clearinghouse.

Confidentiality

All written reports and related information received by the District, laboratories, employee leasing programs, drug and/or alcohol rehabilitation programs and their agents will be held in strict confidence and will not be disclosed except in accordance with the applicable federal, state, and/or local laws and regulations. Any other release of this information will be allowed only with the tested individual's consent. If an employee initiates a grievance, hearing, lawsuit or other action as a result of a violation of these rules, the District may release relevant information to its legal counsel and the decision maker in said action.

The employer or its Service Agent ~~shall~~must maintain the records for a period of up to five years in accordance with the requirements of the DOT regulations in 49 CFR §382.401(b), as well as the applicable retention period under Florida's public records laws, and these records will be provided to the following agencies and/or individuals under the following circumstances:

1. An employee is entitled, upon written request, to obtain copies of any records pertaining to the employee's use of alcohol or controlled substances, including any records pertaining to his or her alcohol or controlled substances tests. The District will also release information regarding an employee's records as directed by the specific written consent of the employee authorizing release of the information to an identified person. Release of such information by the person receiving the information is permitted only in accordance with the terms of the employee's specific written consent as outlined in the DOT regulations in 49 CFR § 40.321(b);
2. To the decision maker in a lawsuit, grievance, or administrative proceeding initiated by or on behalf of the employee, and arising from a positive drug or alcohol test or a refusal to test (including, but not limited to, adulterated or substituted test results) or this Policy (including, but not limited to, a worker's compensation, unemployment compensation, or other proceeding relating to a benefit sought by the commercial driver). Additionally, an employer may disclose information in criminal or civil actions in accordance with the DOT regulations in 49 CFR § 40.323(a)(2);
3. The National Transportation Safety Board as part of an accident investigation;
4. Secretary of Transportation, any DOT agency, or any State or local officials with regulatory authority over the District or its commercial drivers; or
5. A subsequent employer upon receipt of a written request from a covered employee.

Federal And State Laws And Regulations

Nothing in this Policy ~~shall~~will be presumed to override, amend, or change any requirements of state and/or Federal law. In the event any of the provisions of this Policy conflict with applicable laws and regulations, such laws and regulations will be deemed to control.

All employees will notify the District of any conviction of, plea of guilty or nolo contendere to, any violation of any controlled substance law of United States or any other state for a violation occurring in the workplace no later than five (5) days after such conviction. Failure to report any such conviction within five (5) days ~~shall~~will result in termination of employment.

Drug & Alcohol Testing Policy For DOT-Covered Commercial Drivers

Commercial Driver Certificate of Receipt and Acknowledgement of Policy

I _____, have received a copy of the District's DOT Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers. I understand and agree that it is a condition of my employment to abide by the Policy at all times and that violations may subject me to immediate termination.

I further understand and agree that this Acknowledgement is not a contract of employment for any specific duration of time and that I or the District may discontinue the employment relationship at any time without notice or cause.

Employee Signature

Date

Employee Printed Name

DOCUMENTATION OF BASIS FOR REASONABLE SUSPICION TESTING FOR DOT COVERED COMMERCIAL DRIVERS

Prepare and sign within **24 hours** of the observed behavior or before the results are released, whichever is earlier. Keep confidential for at least one year.

DRIVER'S NAME		DATE OBSERVED:	
ADDRESS OF INCIDENT		TIME OBSERVED:	
Street _____ City _____ State _____ Zip _____		From _____ a.m. or p.m. To _____ a.m. or p.m.	

Record employee observed behavior for reasonable suspicion for the use of alcohol or controlled substances. Per DOT requirements for reasonable suspicion testing, the employer ~~shall~~**must** require the driver to submit to a controlled substance or alcohol test if a qualified supervisor or District official who is trained in accordance with §382.603 determines that reasonable suspicion exists.

Reasonable suspicion determined for: <input type="checkbox"/> Alcohol <input type="checkbox"/> Controlled Substances Mark items that apply and describe specifics			
APPEARANCE: Normal <input type="checkbox"/> Sleepy <input type="checkbox"/> Tremors <input type="checkbox"/> Clothing <input type="checkbox"/> Cleanliness <input type="checkbox"/> Description: _____			
BEHAVIOR: Normal <input type="checkbox"/> Erratic <input type="checkbox"/> Irritable <input type="checkbox"/> Inappropriate gaiety <input type="checkbox"/> Mood swings <input type="checkbox"/> Lethargic <input type="checkbox"/> Description: _____			
SPEECH: Normal <input type="checkbox"/> Slurred <input type="checkbox"/> Incoherent <input type="checkbox"/> Description: _____			
BODY ODORS: Description: _____			
INDICATIONS OF THE CHRONIC AND WITHDRAWAL EFFECTS OF CONTROLLED SUBSTANCES: <input type="checkbox"/> Yes <input type="checkbox"/> No Explain: _____			
OTHER OBSERVATIONS FOR REASONABLE SUSPICION: Explain: _____			
<u>WITNESSED BY:</u>			
			a.m./p.m.
Signature	Title	Preparation Date	Time
			a.m./p.m.
Signature	Title	Preparation Date	Time
The alcohol test must be administered within two (2) hours, but no more than eight (8) hours following a reasonable suspicion determination.			
<u>EMPLOYEE'S ACKNOWLEDGMENT AND CONSENT:</u>			
I acknowledge that I have been informed of the District's reasons for requesting this drug and/or alcohol testing and consent to the testing.			
Employee Signature		Date	

IMPORTANT INFORMATION FOR DOT-COVERED COMMERCIAL DRIVERS
(It is required that this information be posted for all employees)

<p><u>Notice to Applicants and Employees</u></p> <p>PRE-EMPLOYMENT AND OTHER REQUIRED DRUG TESTING IS FOR THE FOLLOWING FIVE DRUGS:</p> <ul style="list-style-type: none"> • Marijuana • Cocaine • Opioids • Amphetamines • Phencyclidine (PCP) • MDMA • 6-Acetylmorphine <p>Reasonable suspicion and post-accident testing:</p> <ul style="list-style-type: none"> • Above Drugs • Breath Alcohol Testing (when suspected for reasonable suspicion) <p>Random testing — above Drugs and Alcohol</p>	<p>DISTRICT DESIGNATED EMPLOYER REPRESENTATIVE (DER) - ALL QUESTIONS REGARDING THE DRUG & ALCOHOL TESTING POLICY</p> <p><u>DER:</u> Human Resources Officer Safety Officer Executive Director</p>
<p>DRUG OR ALCOHOL HOTLINE #'S</p> <p>National Council on Alcoholism and Drug Dependence Hotline Phone: (800) 622-2255 www.ncadd.org</p> <p>Alcohol & Drug Referral Hot Line 1-800-252-6465</p> <p>SUBSTANCE ABUSE PROFESSIONAL (EMPLOYEE MUST BE REFERRED AFTER VIOLATION OF DOT DRUG & ALCOHOL POLICY) – see District’s Human Resources intranet page.</p>	<p>IT IS THE POLICY OF THIS DISTRICT THAT THERE IS NO PLACE FOR THOSE WHO USE ILLEGAL DRUGS OR WHO ABUSE LEGITIMATE DRUGS OR WHO HAVE BECOME DEPENDENT UPON ANY CHEMICAL SUBSTANCE INCLUDING ALCOHOL.</p> <p>THIS DISTRICT INTENDS TO BE IN COMPLIANCE WITH THE DOT REGULATIONS CONCERNING DRUG ABUSE AND ALCOHOL MISUSE, WHICH INCLUDES A PROGRAM OF URINALYSIS TESTING FOR ILLICIT DRUG USE.</p> <p>EMPLOYEES WHO HAVE A CONFIRMED POSITIVE TEST FOR DRUGS OR ALCOHOL ARE SUBJECT TO DISCIPLINARY ACTION UP TO AND INCLUDING TERMINATION.</p>



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: D. ALBREY ARRINGTON, Ph.D., EXECUTIVE DIRECTOR
DATE: MARCH 7, 2025
SUBJECT: NEAR MISS POLICY

The District's Near Miss Policy is a key element in our effort to provide and promote a safe work environment and reinforces safety as a core value (*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.*).

A near miss is an accident that was avoided by luck or chance. We do not want to rely on luck to avoid preventable accidents, so we document and investigate near misses. Each near miss offers an opportunity to identify and control hazards, which should reduce future harmful accidents. Also, our near miss program is an active opportunity to engage employees as we collaborate to improve workplace safety.

Our Near Miss Policy is scheduled to be reviewed every five years. The policy was last approved by the Governing Board on March 19, 2020. As a result of this policy, over the past 5 years we have developed a culture of reporting and investigating near miss incidents.

I have worked with Ed Horchar (LRD Safety Officer), Jim Novak (Collection and Distribution System Superintendent), and Jason Pugsley (Operations Plant Manager) to review and update the attached Near Miss Policy. I believe the suggested updates are an improvement to this important policy. Proposed revisions to our Near Miss Policy include:

1. General cleanup of the text to improve readability.
2. Added an example of what is not a near miss.
3. Provided a link to the [Near Miss Reporting Form](#), which is available on our Safety intranet page (*you have to be on a LRD computer to access this link*).
4. Clarified that the Safety Officer will review near misses with the Executive Director during regular monthly safety dashboard meetings and the Safety Committee during regular quarterly meetings.
5. Updated the Near Miss flow chart (attached).

I request your consideration of the following motion:


“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.”

Gordon M. Boggie
CHAIRMAN

Dr. Matt H. Rostock
BOARD MEMBER

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

	LOXAHATCHEE RIVER DISTRICT	Doc No:	NMP
		Initial Issue Date	03/20/2020
		Revision Date:	Initial Version 3/7/2025
Near Miss Policy		Revision No.	91
		Next Review Date:	03/17/203022
Prepared: Safety Officer	Travis Bains Ed Horchar	Issuing Dept. Safety	Page: Page 1 of 2

NEAR MISS POLICY

Purpose

~~Recording-Documenting~~ and investigating Near Misses is an important element of our safety program, ~~which may prevent serious accidents and injuries from occurring~~. The purpose of this policy is to highlight the importance of reporting and researching Near Misses in an ongoing and proactive effort to systematically improve workplace safety and prevent serious accidents and injuries from occurring. This policy applies to all LRD staff and premises.

What is a Near Miss?

A Near Miss is an unplanned event that did not result in injury, illness, or damage – but had the potential to do so. The Near Miss flowchart (attached) provides guidance on how to will help you identify a Near Miss and the appropriate steps to complete. A deficiency or issue which is simply observed and requires corrective maintenance is not considered a Near Miss and should be addressed by creating a Corrective Maintenance work order in InforEAM.

Why are Near Misses important?

Recording and investigating Near Misses is a proven method to identify serious safety issues before a ~~catastrophic-significant~~ accident occurs. Thus, implementing-adherence to this Near Miss policy should improve our efforts to protect the health and safety of ourselves, our colleagues, and the public by avoiding avoidable-preventable accidents and injuries.

Am I required to report Near Misses?

Yes, all LRD staff are required to report Near Misses ~~to the LRD Safety Officer~~ using the Near Miss Reporting Form (available on the Safety intranet page attached). For clarification of what should be reported as a Near Miss, see the Near Miss flowchart (attached).

Will I be ~~punished-disciplined~~ if I report a Near Miss?

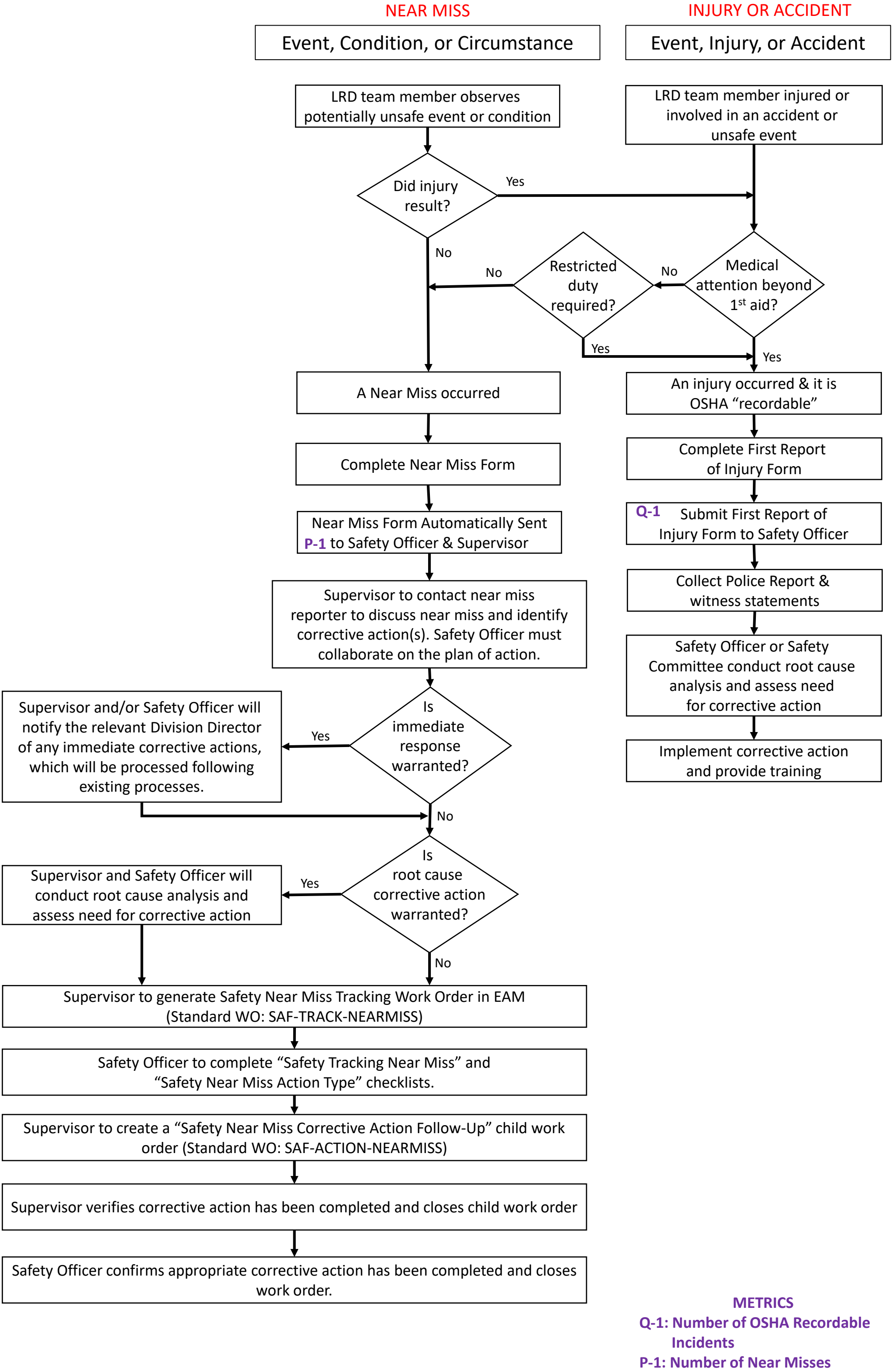
No. You will not be ~~punished-disciplined~~ for reporting a Near Miss. However, you may receive disciplinary action for failing to report a Near Miss.

What will be done with Near Miss data and information that I report?

The relevant Supervisor and LRD Safety Officer will investigate the Near Miss ~~with an intent on to identify-determining~~ the root cause. Upon conclusion of the investigation, the Safety Officer will collaborate with relevant LRD staff, including managers, to suggest, assess, and implement appropriate revisions to facilities, processes, and/or procedures to better safeguard employees and prevent future incidents. Periodically, tThe Safety Officer will ~~provide a summary of report~~ Near Miss statistics ~~and findings to the Executive Director (e.g., monthly Safety Dashboard review) and the Safety Committee (quarterly meetings)~~. The Safety Officer, Safety Committee, and relevant supervisory staff will use these data to improve training specifically including awareness of workplace hazards.

Authority: 29 CFR 1910, 29 CFR 1904

Date Approved by Governing Board: ~~3/20/2025~~3/19/2020





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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

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MEMORANDUM

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

Whenever the District disposes of tangible personal property of a non-consumable nature, Florida Statutes and our Disposal of Surplus Tangible Personal Property Policy require Governing Board approval before any Surplus Tangible Personal Property can be disposed of. The following assets were aggregated with other assets or grouped as part of a project when purchased and we therefore do not have individualized asset information on each item; instead, a description of each asset is provided. Consistent with state statute and our policies and procedures, I request your authorization to dispose of the items listed below:

<u>Description</u>	<u>Serial Number</u>	<u>Condition</u>	<u>Estimated Value</u>
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

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

Items slated for disposal that have no remaining value will be recycled or otherwise disposed of in an environmentally conscious manner.

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 items listed in the schedule above in accordance with the District's Disposal of Surplus Tangible Personal Property Policy."

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER



Change Orders

No Change Orders are presented
for Board consideration this month.



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LOXAHATCHEE RIVER DISTRICT

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: D. ALBREY ARRINGTON, Ph.D.
DATE: MARCH 12, 2025
SUBJECT: RULE 31-10 RATES, FEES, & CHARGES – RATE STUDY

Staff are back with our annual Rate Study in which LRD staff identifies future anticipated costs and drafts a rate structure to accommodate those expected expenditures. Fundamental drivers of this effort are major planned projects, projected cost increases (i.e., inflation), and projected revenue. This process is guided by our mutual objectives to achieve operational excellence (e.g., system reliability, satisfied customers, and engaged workforce) and maintain a reasonable rate structure.

The primary change that occurred since last month is that the projected capital expenditure in FY2026 was decreased by \$275,000.

On the following pages staff have summarized assumptions included in this year's Rate Study. The final page includes the proposed FY2026 to FY2030 Capital Improvement Plan. The attached draft of Chapter 31-10 Schedule of Rates, Fees, and Charges maintains our existing, planned rate increases and appends an additional year of 3% rate increases for the fifth year. Plant Connection Charges, Regional Transmission System Line Charges, and Administrative Charges increase (or decrease) based upon the annual increase (or decrease) in the Engineering News Record Construction Cost Index published in the February edition of each year, which equals 1.8% for February 2025. Subregional Line Charges will be adjusted each April 1st based on the 10-Year Treasury Rate published by the US Department of Treasury on February 1st, which was 4.54% on 2/3/2025 (the first business day following 2/1/2025).

Please consider this draft motion:

“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.”

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

This year, the Rate Study is based on the following general assumptions:

1. Revenue from Quarterly Service Charges – Given the lack of developable land in our service area, increases in quarterly sewer revenue are anticipated to be driven, not by growth in customers, but by rate increases. District Rule 31-10 currently includes scheduled rate increases of 3% for 2025, 2026 and 2027 and 2% for 2028. I propose leaving the rate increases as published in Chapter 31-10 and add a 3% rate increase for year 5 (effective April 1, 2029).
2. Revenue from New Development (Plant and Line Charges) – these revenues are paid by new customers (i.e., new development) and represent the proportional cost of existing infrastructure needed to serve new customers (i.e., a new home connecting to the sewer system pays for the tiny fraction of the wastewater treatment facility needed to accommodate their wastewater). In their review of our Rate Study, Raftelis recommended we tied these rates to the Engineering News Record Construction Cost Index published in the February edition of each year, which is 1.8% this year.
3. Service Availability Standby (SAS) Revenue – projected to continue a slow, gradual decline, which has been occurring as our service area nears built-out conditions.
4. IQ Water Revenue – our IQ revenues are relatively stable at \$2.5 million per year. Given constraints on the availability of reclaimed water, we do not anticipate entering into any new IQ Water contracts. Thus, increases in IQ Water revenues will be tied directly to rate increases, which would be affected by cost increases. Also, we have informed the Town of Jupiter that we do not want to renew the existing agreement that governs their nano concentrate, which we currently blend with our IQ Water or dispose of down our deep injection well when necessary. The current agreement expires on June 19, 2026.
5. Miscellaneous Revenues – over the past 5 years, we have averaged \$600,000 per year in miscellaneous revenues. These revenues originate from grant funds (e.g., LRPI grants), cell tower lease, estoppel fees, and sale of surplus equipment. We expect these revenues to remain relatively stable.
6. Interest Revenue – we receive two sources of interest revenue: (a) interest on assessments, which is fixed at the time the assessment is levied, and (b) interest on investments, which fluctuate with market conditions. As of 1/31/2025, our average weighted rate of return on investments is 4.19%. While many have been projecting a rapid decline in interest rates, it is my opinion that high interest rates will be more durable than previously expected. I am projecting interest rates paid on our investments will return to 3% in FY2030.
7. Operating Expenses – we anticipate a 3.5% increase in budgeted operating expenses over the next two fiscal years. Certain prices are declining, but services and the labor market have remained surprisingly tight, which impact our operating expenses. In FY2028 and subsequent years we anticipate inflationary pressures to hover around 3.0% per year.
8. Capital Improvement Projects – The remainder of this memo provides a categorical summary of the proposed Rate Study, which is based upon the FY2026 to FY2030 Capital Improvement Plan (see table below). This is intended to facilitate the Board's understanding of forthcoming

significant capital investments staff have identified as desired and/or needed. Below, my intent is to specifically discuss any single item or project that is expected to cost \$200,000 or more:

- A. Buildings – Over the next four years, nearly \$16 million is anticipated for design and construction of new maintenance and warehouse facilities and associated appurtenances, which were identified in our Conceptual Site Plan for 2500 Jupiter Park Drive. Both buildings are currently assumed to be tilt-wall concrete buildings rated for risk category IV (i.e., buildings and structures designated as essential facilities), which exceeds the recommended or required risk category for these structures. The current cost estimate comes from the conceptual site plan and will be refined over the coming year as we develop detailed engineering plans. Staff assume the actual costs for these facilities would be significantly less than the conceptual cost estimates if the Board is comfortable with a lower risk design (i.e., wind rating) for these structures.
- B. Infrastructure Improvements (not buildings) – Staff have included \$2.9 million over the next five fiscal years. These major projects include: \$800,000 in FY2026 for remediation of the 20 acres. These funds are budgeted under Treatment and Disposal, because the remediation is occurring as a consequence of using this property as the effluent disposal point from 1975 through 1986; \$495,000 for rehabilitation of the headworks liner; \$385,000 for upgrades to our existing vacuum truck dump facility; \$375,000 for comprehensive rehabilitation of A Structure and B Structure. Both are key structures involved in management of reclaimed water flowing to our storage lakes.
- C. Machinery and Equipment – Spending in this category is projected to average \$1.37 million per year over the next five years. These funds are targeted to replace and improve a diversity of critical tools used by District staff, including IT security improvements, heavy equipment (replacement front end loader), lift station pumps, IQ Water pumps and motors, portable generators, aeration basin fine bubble diffusers, aeration basin blowers, and programmable logic controllers. It should be noted that these cost projections assume the Governing Board will approve the purchase of 14 100KVA portable generators for approximately \$900,000 as proposed under tab 6C.
- D. Vehicles – rehabilitating vehicles is anticipated to cost an average of \$372,000 per year over the next 5 years. We anticipate replacing one vacuum truck, our most expensive vehicle with an anticipated cost of \$500,000, in FY2029. F550 crane trucks are estimated to cost \$195,000, and we anticipate replacing three over the next 5 years.
- E. Public Education – For the 5-year period of this rate study, we have included \$300,000 for demo and renovations of Unit H (summer camp house) at Bureau of Land Management's Jupiter Inlet Lighthouse Outstanding Natural Area, and \$250,000 for construction of parking facilities, a chickee hut and nature trails at the 20 acres.
- F. Neighborhood Sewering – With the completion of our scheduled neighborhood sewerage projects, the Rate Study only includes minimal funds necessary to address sewerage of remnant areas as they become available. Should the Board desire to initiate

neighborhood sewerage of unscheduled areas, i.e., west of I-95, we would need to revamp these projections.

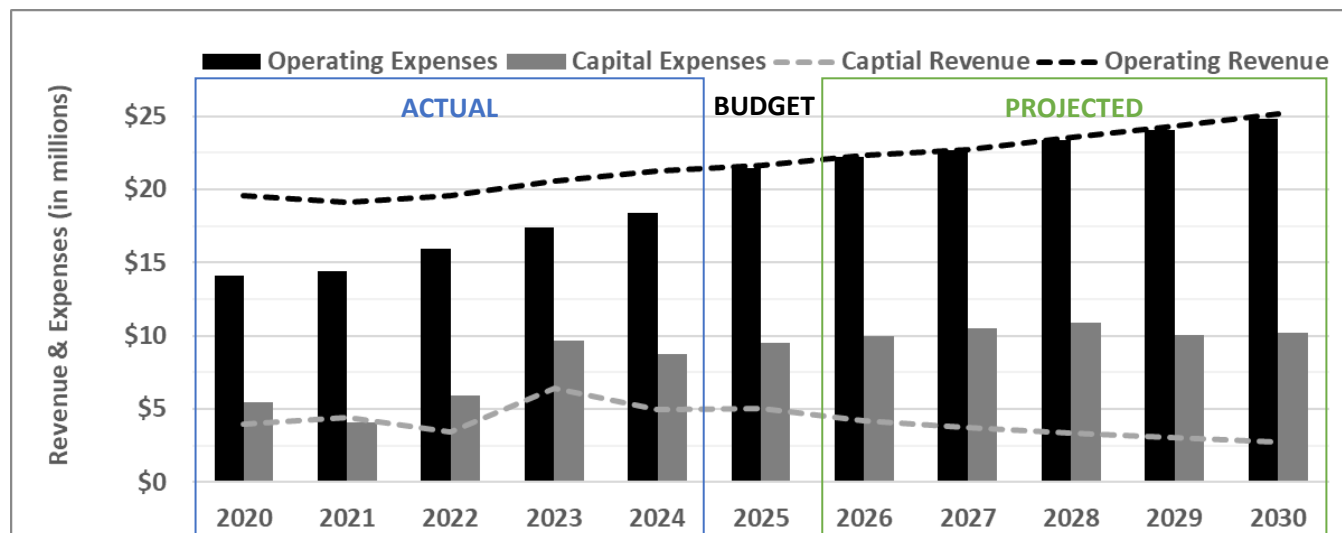
- G. Lift Stations – We are projecting two major capital projects to improve our lift stations over the next 5 years. The first is projected to cost \$875,000 per year and will result in systematic rehabilitation of our lift stations. This work is driven by ongoing lift station assessments, and each budget year our efforts will be focused on those stations deemed most in need of renewal. The second project will comprehensively replace the control panel and associated appurtenances and add telemetry at 34 lift stations at a cost of \$4.4 million, which will be spread over the next three years.
- H. Gravity System – We anticipate approximately \$2.8 million per year over the next 5 years as we continue to rehabilitate our aging collection system (gravity laterals, gravity mains, and manholes). This includes \$1.5 million for lining of gravity mains, \$9 million for lining service laterals, and \$2 million for rehabilitation of the gravity system serving the master lift station. Staff are confident that these systematic investments in system reliability will decrease long term costs by minimizing very costly emergency point repairs.
- I. Force Main – Over the next 5 years, staff have projected to spend \$3.15 million to upgrade and improve resiliency of our wastewater transmission system (i.e., force mains). Such efforts include minimizing the number of pump stations that re-pump wastewater, adding redundancy (where feasible) to our force main network, testing, and rehabilitating aging force main infrastructure. Specific projects include (A) replace the asbestos cement (AC) force main associated with Lift Station 90 (\$1.5 million); (B) evaluate the force main that parallels Old Dixie Highway (\$325,000) because we believe the north and south extensions of the proposed new Loxahatchee River subaqueous crossing may have similar issues to the subaqueous force main which was taken out of service; (C) rehabilitation of valves (\$625,000), (D) evaluation of our 30" force main (\$250,000), and other smaller, routine rehabilitation projects.
- J. Permanent Generators – We have anticipated \$1.8 million over 5 years to continue to add permanent generators at critical sewage pumping stations and rehabilitate aging permanent generators at lift stations.
- K. Treatment and Disposal – Over the next 5 years, staff anticipate an average expenditure of approximately \$1.425 million to rehabilitate various systems in our water reclamation facility (e.g., electrical system upgrades, replacement of deep bed filter media, process valve replacement).
- L. Reuse – The primary major planned project over the next five years is to rehabilitate our major IQ Water pumping station in Abacoa (IQ 518), which is projected to cost \$1.4 million.
- M. Biosolids – See the discussion below regarding our joint venture with SWA's Biosolids Processing Facility, which anticipates \$2.75 million in costs to rehabilitate and improve our share of the Biosolids Processing Facility, which would likely be incurred beginning FY2030 through FY2032. In addition, staff anticipate spending \$1.5 million in engineering

design, permitting, bidding, and contracting fees for a comprehensive reconstruction of our on-site biosolids processing facilities beginning in FY2028 (after the maintenance and warehouse facilities have been constructed and placed into operation).

In addition to the items currently in our draft 5-Year Capital Improvement Plan, staff have identified the following large cost items that potentially could be incorporated into our planned capital projects. Mr. Dean has developed technical reports providing a technical assessment of each project. Here, we provide our assumption regarding incorporation of these projects into the Rate Study as planned capital projects. These projects include:

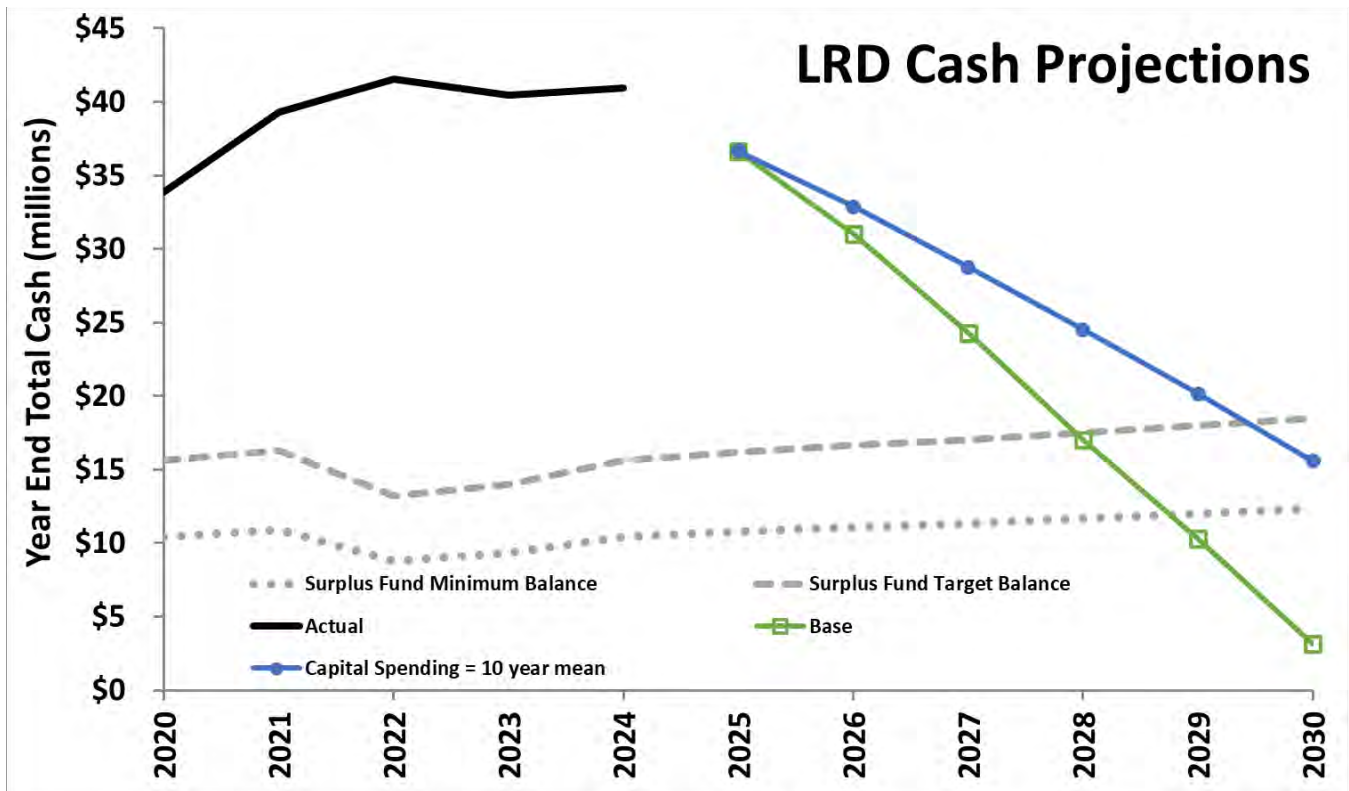
- I. **Biosolids Processing and Recycling Facility** – In 2005, the District entered into an interlocal agreement with the Solid Waste Authority (SWA) to fund a portion of the cost to design, build, and operate the SWA Biosolids Processing and Recycling Facility (BPF). The District owns 8.96% of the facility's total capacity. The District's capital costs to date for the facility equal \$3,470,172. The interlocal agreement terminates on August 9, 2029, and the agreement stipulates that at least five years before the termination date the partners must agree to continue operating the facility (capital costs to rehabilitate and upgrade the facility) or decommission the facility (costs to demo the facility and costs to design, permit, construct, and startup a new facility). We have responded to the SWA confirming our desire to continue operation of the BPF beyond August 9, 2029, as this appears to be our best, most cost-effective option. Therefore, LRD staff have included in the Rate Study \$2.75 million in capital costs spread across FY2030, FY2031, and FY2032 associated with continued operation of the BPF, which will include renewing existing equipment and facilities and constructing new facilities. There are significant uncertainties and assumptions that are inherent to these cost estimates, but maintaining a reliable and effective disposal mechanism for our biosolids is an absolute necessity. LRD staff will be engaged throughout the life of this project protecting our customers' interests.
- II. **New Deep Injection Well or Aquifer Storage and Recovery (ASR) Well** - Recent assessments of our existing injection well show no meaningful signs of degradation or lack of performance. We perform these permit-required technical assessments every 2.5 years, and staff believe it is reasonable and prudent to schedule design, permitting, and construction of a New Deep Injection Well 6 to 8 years into the future. Staff will evaluate this schedule annually using data collected from our ongoing monitoring of the Deep Injection Well System (e.g., wellhead pressures) and each subsequent permit-required assessment (e.g., 2028). As soon as the mechanical integrity of the Deep Injection Well System comes into question, staff will begin the replacement process, which will likely take 5 years to have a new, fully functional well in service. The outcome of all this, relative to the Rate Study, is that the deep injection well funds have been reassigned to meet other capital cost demands in the near term. Staff assume we will borrow funds to complete construction of a new deep injection well when necessary, which will result in future rate payers contributing the majority of the replacement costs for this long-lived, critical asset.

Debt – The District does not have any debt at this time; however, as we move forward with some of the larger projects in the rate study it is entirely conceivable that the District will need to take on some debt in the future to finance some of these major projects.



The chart above shows total annual operating and capital revenues and expenses by fiscal year. This chart shows we have done a good job of maintaining operating revenues above operating expenses, but capital revenues have often lagged below capital expenses and they are projected to do so for the foreseeable future. This is partially the result of new construction coming to a halt within our service area. Over the coming year, as we work on updating our strategic plan, we will have to grapple with how to strategically position our rates, fees, and charges to adequately provide for long-term fiscal stability as we make necessary and sizeable investments in our aging infrastructure. Of course, no immediate action is needed because the cash we have accumulated serves as a buffer to these anticipated capital expenditures (e.g., see Kara's finance memo).

Historically, the Rate Study and Budget are relatively conservative documents, i.e., we often underspend relative to what was projected in the Rate Study and Budget for a given year. If we improve our ability to execute anticipated major capital projects in a timely manner, we will likely see a significant decline in our available cash (see chart on following page). Alternatively, if our planned expenditures occur at a rate slower than projected (as they have across our recent history), we will see our available cash balance sustained for longer than projected in the chart on the following page.



The chart above is the simplistic outcome from our Rate Study Model. It shows the actual cash on hand at the end of the prior five fiscal years and the projected cash on hand at the end of the current budget year and the future five years in the Rate Study planning horizon. The green line is the base case and models the conditions described in the text provided on the prior pages of this memo. Because of the conservatism within the Rate Study Model, I do not believe the green line should cause serious alarm. There are very large uncertainties in several cost projections within the Rate Study. The blue line shows our cash projections if our capital spending is slower than currently anticipated but equal to the mean capital expenditures over the past ten years. Also, the Rate Study does not include any major grant funds, which theoretically should be available to the District as we work to construct some of the planned major improvements.

The dotted and dashed lines in the chart above are from our Board-approved Cash Reserve Policy, which stipulates the District will maintain a minimum cash reserve in the Surplus Fund Account. The Surplus Fund Account Minimum Balance is the sum of the Operating Reserve (4 months of budgeted operating expenses), the Renewal and Replacement Reserve (1.5% of gross depreciable assets), and 100% of the current year portion of debt service requirements including both interest and principal (zero because we have no debt). The Surplus Fund Account Target Balance is 150% of the Surplus Fund Account Minimum Balance.

Loxahatchee River District's FY2026 – FY2030 Capital Improvement Plan

	FY2026	FY2027	FY2028	FY2029	FY2030
80% of Total Capital is used in Rate Study Cash Projection Model (due to conservative nature of projected capital costs)	\$ 9,948,000	\$10,490,000	\$10,880,000	\$ 10,038,400	\$ 10,229,200
Total Projected Capital Costs =	\$ 12,435,000	\$13,112,500	\$13,600,000	\$ 12,548,000	\$ 12,786,500
Contingency	\$0	\$0	\$0	\$0	\$0
Land	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Buildings	\$1,810,000	\$5,050,000	\$5,550,000	\$3,550,000	\$0
Infrastructure Improvements (not buildings)	\$2,245,000	\$230,000	\$230,000	\$90,000	\$90,000
Machinery and Equipment	\$880,000	\$1,537,500	\$1,235,000	\$1,738,000	\$1,461,500
Vehicles	\$405,000	\$275,000	\$165,000	\$500,000	\$515,000
Construction in Progress	\$7,085,000	\$6,010,000	\$6,410,000	\$6,660,000	\$10,710,000
CIP - Exec/Finance/Lab/Cust Svc/IT/Const	\$0	\$0	\$0	\$0	\$0
CIP - Public Education	\$300,000	\$0	\$0	\$0	\$0
CIP - Master Planning	\$0	\$50,000	\$50,000	\$50,000	\$50,000
CIP - General Collection & Transmission	\$0	\$0	\$0	\$0	\$0
CIP - Neighborhood Sewering	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
CIP - Lift Station	\$2,025,000	\$2,700,000	\$2,700,000	\$2,000,000	\$1,000,000
CIP - Gravity System	\$350,000	\$2,050,000	\$1,800,000	\$3,300,000	\$6,550,000
CIP - Force Mains	\$2,030,000	\$505,000	\$205,000	\$205,000	\$205,000
CIP - LPSS	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
CIP - Permanent Generators	\$300,000	\$100,000	\$350,000	\$250,000	\$800,000
CIP - Telemetry	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
CIP - Operations Planning Studies	\$0	\$0	\$0	\$0	\$0
CIP - Operations General Site Improvements	\$100,000	\$0	\$0	\$0	\$0
CIP - Treatment & Disposal	\$325,000	\$225,000	\$425,000	\$225,000	\$225,000
CIP - Reuse General	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
CIP - Reuse Pumping Stations	\$1,425,000	\$0	\$0	\$0	\$0
CIP - Reuse Mains	\$0	\$0	\$0	\$0	\$0
CIP - Reuse Telemetry/Metering/Controls	\$100,000	\$250,000	\$250,000	\$0	\$0
CIP - Biosolids	\$0	\$0	\$500,000	\$500,000	\$1,750,000

RULES
OF THE
LOXAHATCHEE RIVER
ENVIRONMENTAL CONTROL DISTRICT
CHAPTER 31-10
SCHEDULE OF RATES, FEES AND CHARGES
FOR THE USERS OF THE REGIONAL WASTEWATER SYSTEM

31-10.001	Definitions.
31-10.002	Residential Equivalent Connections.
31-10.003	Non-Residential Equivalent Connections.
31-10.004	Application for Sewer Service.
31-10.005	Plant Connection Charges, Regional Transmission System Line Charges, Administrative Charges, and Subregional Line Charges for Residential and Non-Residential Units.
31-10.006	Special Assessments
31-10.007	Quarterly Service Charges for Sewer Service.
31-10.008	Determination of Equivalent Connections.
31-10.009	Responsibility for Payment and Enforcement of Collections.
31-10.010	Payment of Certain Rates, Fees and Charges; Developer Agreement.
31-10.011	Connection to Sewer Required. (Repealed)
31-10.012	Exceptions to the Payment of Connection Charges.
31-10.013	Irrigation Quality Water User; Rates, Fees and Charges for Irrigation Quality Water Services; Irrigation Quality Water Agreements.
31-10.014	Low Pressure Pump Unit Delivery Procedures & Delivery Charge.
31-10.015	Termination/Abandonment of Easements – Application Fee.

31-10.001 Definitions.

When used in this Chapter the following terms are defined as follows.

(1) “Account” is the account for each property connected to the District’s sewer system established by the District. No more than one (1) account will be established per unique Property Control Number (PCN) as established by either Martin County or Palm Beach County, whichever is applicable.

(2) “Administrative Charge” is the charge paid for each Equivalent Connection to the Regional Wastewater System, to pay for administrative, legal, engineering, and inspection expenses associated with each new connection to the system. The Administrative Charge is due and payable before connection is made to the system and is not transferable or refundable.

(3) “Capital Cost” means the construction cost of regional transmission facilities plus an allowance for associated cost. Construction costs include, but are not limited to, the cost of installation of pipelines, special fittings, valves, pumps, appurtenances, and the cost of acquiring permanent and construction rights-of-way and easements. Allowances for associated costs include engineering services, legal, fiscal, contingencies, and administrative cost. In no event will the allowance for associated cost exceed twenty percent (25%) of the construction cost.

(4) “Delinquent Quarterly Service Charge for Sewer Service” is delinquent if not paid during the service period.

(5) “District” means the Loxahatchee River Environmental Control District, a separate local agency of government operating in accordance with Chapter 2021-249, Laws of Florida.

(6) “Equivalent Connections” or “E.C.” is a multiple factor determined by the amount of toilets (water closets) per individual residential and non-residential unit, the estimated public usage or average flow of wastewater per day, or a combination of the above which may be connected with or used by each parcel of land which may be connected with or used by the Regional Wastewater System, as more particularly set forth in Rules 31-10.002 and 31-10.003.

(7) “Estoppel Fee” means the charge to offset administrative and legal expenses associated with providing information to parties requesting the status in writing for justifiable reliance purposes as to rates, fees, and charges due to the District for a specific property. An Estoppel Fee is determined at \$30.00 per Estoppel letter provided by the District and may be changed from time to time in accordance with the law.

(8) “Governing Board” means the Governing Board of the Loxahatchee River Environmental Control District.

(9) “G.P.D.” means gallons per day.

(10) “Non-residential Unit” is a non-residential building or structure connected to the Regional Wastewater System including, but not limited to, hotels, motels and boarding houses, wholesale and retail businesses, professional offices, schools, warehouses (including each individual bay) and without limitation all other buildings and structures of a commercial, public, or quasi-public nature.

(11) “Owner” means the legal owner or owners of a property served by the District. By accepting sewage service from the District, all of the property owners of each parcel shall be jointly and severally liable to the District for all charges, rates, and fees incurred for each parcel. If requested by the Owner in writing, the District will submit its bills and other communications to an agent of the Owner such as a property owners or homeowners association manager, property manager, or other legally authorized representative of the Owner.

(12) “Plant Connection Charge” is the charge paid for each Equivalent Connection to the Regional Wastewater System, and credit for which shall run with and be appurtenant to the land. The Plant Connection Charge is due and payable before connection is made to the system and is not transferable. Excess Plant Connection Charge(s) may be refunded if owner demonstrates, in accordance with objective determinations of the District, that fully paid Plant Connection Charges will not be used. In no case shall Plant Connection Charge be refunded for a Residential or Non-residential Unit not connected within one (1) year of sewer being declared Available. Plant Connection Charges are determined as set forth in this rule and may be changed from time to time in accordance with the law.

(13) “Quarterly Service Availability Standby Charge” is the periodic charge for each Equivalent Connection, commencing upon the signing of a Standard Developer Agreement, and is computed at the rate of sixty-eight percent (68%) of the Quarterly Service Charge per Equivalent Connection as established by the Governing Board and amended from time to time.

(14) “Quarterly Service Charge” is the periodic charge for each Equivalent Connection when it is connected to the Regional Wastewater System or within one (1) year of the time the connection is Available, whichever occurs first, and shall be billed in advance. Quarterly Service Charges are established by the Governing Board and amended from time to time.

(15) “Regional Transmission Facility” means transmission lines, force mains, gravity interceptors, lift stations or pump stations that collect wastewater from two or more sub-regions and transport the wastewater to the District treatment plant. The size and location of the Regional Transmission Facility are described in the latest Transmission System Master Plan as amended.

(16) “Regional Transmission System Line Charge” is the charge paid for each Equivalent Connection to the Regional Wastewater System, and credit for which shall run with and be appurtenant to the land. The Regional Transmission System Line Charge is due and payable before connection is made to the system and is not transferable. Regional Transmission System Line Charge may be refunded if owner demonstrates, in accordance with objective determinations of the District, that fully paid Regional Transmission System Line Charge will not be used.

(17) “Regional Wastewater System” means any plant, facility or property; and additional extensions and improvements having the capacity for current or future use in connection with the collection, transmission, treatment, purification or disposal of sewage of any nature or originating from any source, including industrial wastes resulting from any processes of industry, manufacture, trade or business, or from the development of any natural resources. The Regional Wastewater System includes but is not limited to: treatment plants, pumping stations, lift stations, valves, force mains, intercepting sewers, laterals, pressure lines, mains and all necessary appurtenances and equipment; all sewer mains and laterals for the reception and collection of sewage; any interest in real and personal property; rights, easements and franchises of any nature whatsoever relating to the District.

(18) “Reserve Service Availability” is the right of an Owner to receive sewer service in the Regional Wastewater System upon reasonable demand.

(19) “Residential Unit” is a residential living unit or structure directly or indirectly connected to the Regional Wastewater System including but not limited to single family dwelling, detached living structure with toilet ~~or sink~~, and each separate living unit of duplexes, apartments, townhouses, condominiums, and cooperative apartments.

(20) “Special Assessments” are assessments approved, set, and levied by the Governing Board for properties benefitted by the construction, acquisition, extension and operation of the Regional Wastewater System on the basis of the total cost to the District of construction, reconstruction, labor, materials, acquisition, property rights, surveys, design, engineering, legal, administration, operation, maintenance, and all other expenses necessary or incidental to completion of the specially assessed improvements.

(21) “Subregional Collection Facilities” means neighborhood gravity collection lines, collection manholes, force mains, lift stations and pump stations intended primarily to collect and transport wastewater from the subregional system to the regional transmission facility.

(22) “Transmission System Master Plan” means the report on “Wastewater Collection System Master Plan” for the District dated February 1981 or the latest updated version of the report

approved by the Governing Board. The report contains maps and describes those transmission mains, pump stations, lift stations, gravity collectors and interceptors, which constitute the facilities of the regional transmission system.

Specific Authority Chapter 2021-249, Laws of Florida. Law Implemented Chapter 2021-249, Section 6(6), (8), (9), (11), (12), and (27), and Section 8. History – New 12-9-76, Amended 9-26-78, 5-21-81, 3-15-2012, 3-20-2014, 3-19-2015, 6-18-2015, 3-17-2016, 3-21-2019, 3-17-22. Formerly 31-10.01.

31-10.002 Residential Equivalent Connections.

The District will use the following amounts to determine Plant Connection Charges, Regional Transmission System Line Charges, Administrative Charges, Quarterly Service Availability Standby Charges, and Quarterly Service Charges, and other purposes in connection with sewer service provided by the District:

- 1) Residential Equivalent Connections are calculated as:
 - (a) One (1) toilet (water closet) equals 1.000 Equivalent Connection.
 - (b) Two (2) toilets (water closets) equals 1.250 Equivalent Connections.
 - (c) Three (3) toilets (water closets) equals 1.500 Equivalent Connections.
 - (d) Four (4) or more toilets (water closets) equals 1.750 Equivalent Connections.
- 2) Nurseries/Day Care Centers are calculated as 1.0 residential Equivalent Connection per 550 square feet of gross space.
- 3) Live/Work Units (as such zoning designation is approved and defined by the local zoning authority) are calculated based upon two components:
 - (a) The Residential (“Live”) component is calculated as provided in subsection (1) above; plus
 - (b) The Limited Non-Residential (“Limited Work Unit”), defined as a total gross floor area 500 square feet or less, adds 0.50 Equivalent Connection, or the Standard Non-Residential (“Standard Work Unit”), defined as a total gross floor area more than 500 square feet, adds 1.0 Equivalent Connection.

TYPE OF USE	EQUIVALENT CONNECTIONS
Residential Unit with 1 toilet	1.0
Residential Unit with 2 toilets	1.25
Residential Unit with 3 toilets	1.50
Residential Unit with 4 or more toilets	1.75
Nurseries/Day Care	1.0 per 550 square feet of gross space
Limited Live/Work Unit (500 sq. ft. or less of work use) as designated by zoning authority	0.5 per unit plus applicable Residential E.C.
Standard Live/Work Unit (more than 500 sq. ft. of work use) as designated by zoning authority	1.0 per unit plus applicable Residential E.C.

Specific Authority Chapter 2021-249, Laws of Florida. Law Implemented Chapter 2021-249, Laws of Florida, Section 6(6), (8), (9), (11), and (19), and Section 8. History-New 12-9-76, Amended 9-26-78, 5-21-81, 6-30-85, 11-1-98, Formerly 31-10.02. Amended 3-17-2005, 3-16-2006, 3-15-2012, 3-20-2014, 6-18-2015, 3-17-22.

31-10.003 Non-Residential Equivalent Connections.

(1) The District will use the highest number of Equivalent Connects to determine Plant Connection Charges, Regional Transmission System Line Charges, Administrative Charges, Quarterly Service Availability Standby Charges, and Quarterly Service Charges, and other purposes in connection with sewer service provided by the District:

- (a) A minimum of one (1) Equivalent Connection per non-residential unit, as defined herein; or
- (b) One (1) Equivalent Connection per toilet (water closet); or
- (c) Equivalent Connections in accordance with the following non-residential businesses, occupations and uses, based upon the maximum occupancy per fire code design where applicable:

TYPE OF USE	EQUIVALENT CONNECTIONS
Tavern (Bar)	.04 per seat
Restaurant (regular)	.06 per seat
Restaurant (24 hours)	.10 per seat
Trailer Park and Mobile Home Park	1 per space
Hotel/Motel (no Bar or Restaurant)	1.0 per unit + 1.0 per common area and/or employee toilet Bar/Restaurant calculated separately
Hospital	.80 per bed + 1.0 per common area and/or employee toilet
Nursing/Rest Home	.40 per bed + 1.0 per common area and/or employee toilet
Assisted Living Facility / Adult Congregate Living Facility	.575 per bed + 1.0 per common area and/or employee toilet
High School and Middle School	.08 per pupil
Elementary School and Pre-School	.06 per pupil
Office Buildings	.75 per 1000 sq. ft. (gross building area) or 1.0 per toilet whichever is greatest
Large Single Use Retail (>20,000 sq. ft.)	.50 per 1000 sq. ft. (gross building area) or 1.0 per toilet whichever is greatest
Laundromats	1.1 per washing machine
Recreational Vehicle (RV) Park	0.75 per recreational vehicle space + 1.0 per common area and/or employee toilet
Swimming Pool Backwash Discharge	0.1 per 3,000 gallons
Elevator Sump	0.5 per sump
Marina pump out station	1.0 per pump out station
Public toilets in parks	1.0 per toilet
Quasi-public toilets e.g., community recreation areas	1.0 per toilet

or,

(d) As may be designated by the Governing Board upon presentation of good and sufficient evidence to merit other specific determination.

Specific Authority Chapter 2021-249, Laws of Florida. Law Implemented Chapter 2021-249, Sections 6(6), (8), (9), (11), and (19), and Section 8, and Sections 6(9), (12) and (27). History- New 12-9-76, Amended 6-25-78, 9-26-78, 5-21-81, 4-25-84, 6-30-85. Formerly 31-10.03. Amended 3-23-00, 3-17-05, 3-16-06, 03-18-10, 3-20-2014, 6-18-2015, 3-17-2016, 3-17-22.

31-10.004 Application for Sewer Service.

Before any Owner receives sewer service from the District, the Owner shall:

1. if a new customer, submit an application form as provided on the District website (“Application for Sewer Service”) to the District’s Customer Service Department in person;
2. provide proper personal identification and proof of ownership of the property at which sewer service is desired. The District may accept telephone or electronic orders for utility service from existing customers with an active District account provided that the Owner provides the District proper personal identification (driver's license number or state identification card number) that matches the previous information in the Owner’s record and proof of ownership of the property at which service is desired; and
3. pay all outstanding fees and charges owed to the District for the subject property, including any delinquent fees and/or charges.

An Application for Sewer Service shall not be deemed complete unless the above three (3) requirements are met.

The Fair and Accurate Credit Transaction Act of 2003, 15 United States Code, Chapter 41, Section 1681, which can be found at <https://www.ftc.gov/enforcement/statutes/fair-accurate-credit-transactions-act-2003>, requires that the District obtain positive identification from the Owner requesting utility service. The receipt of an application by the District does not constitute a guarantee of sewer service.

Specific Authority Chapter 2021-249, Laws of Florida. Law Implemented Chapter 2021-249, Laws of Florida, Section 6(6), (9), (11) and (19), and Section 8. History - New 12-9-76. Repealed 12-12-78, Formerly 31-10.04. New 3-19-2015 as to Application for Sewer Service, Amended 3-17-22.

31-10.005 Plant Connection Charges, Regional Transmission System Line Charges and Subregional Line Charges for Residential and Non-Residential Units.

(1) Before connecting, directly or indirectly, to the Regional Wastewater System, an Owner shall pay all applicable Plant Connection Charges, Regional Transmission System Line Charges, Administrative Charges, and Subregional Line Charges.

(2) Effective April 1, 1981, all residential and non-residential Plant Connection Charges, Regional Transmission System Line Charges, and Administrative Charges shall be based on the schedules in effect at the time the District and Owner execute a developer agreement as listed below:

Effective ~~9-20-2024~~ 4-01-2025

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PLANT CONNECTION CHARGES

April 1, 2024 thru March 31, 2025 @ \$~~1,953.00~~~~1,918.00~~ per E.C.

REGIONAL TRANSMISSION SYSTEM LINE CHARGES

April 1, 2024 thru 31 March 31, 2025 @ \$~~1,268.00~~~~1,246.00~~ per E.C.

ADMINISTRATIVE CHARGES

April 1, 2024 thru March 31, 2025 @ \$~~183.40~~~~180.16~~ per E.C.

Commencing April 1, 2024 and thereafter, Plant Connection Charges, Regional Transmission System Line Charges, and Administrative Charges shall increase (or decrease) based upon the annual increase (or decrease) in the Engineering News Record Construction Cost Index published in the February edition of each year.

The District shall not execute a contract committing to provide service that exceeds the total capacity limitations set by the Governing Board. The full amount of the Regional Transmission System Line Charges and Administrative Charges shall be due and payable in U.S. funds (dollars) or by contract to provide Capital Costs and to construct certain portions of the Regional Transmission System at the time commitment of service is made.

(3) Notwithstanding Section 31-10.005(2) above, effective April 1, 1995, those properties having (or which previously had) buildings or structures having certificates of occupancy prior to April 1, 1981, shall pay the full Plant Connection Charge established in Section 31-10.005(2) less a subsidy of Five Hundred Dollars (\$500.00), provided they are paid for and connected to the Regional Sewer System within one (1) year of the time that lines serving said property are formally declared Available by the Governing Board. Notwithstanding Section 31-10.005(2) above, the Plant Connection Charge, Regional Transmission System Line Charges, and Administrative Charges for those buildings or structures having certificates of occupancy prior to notice of sewer availability, can be financed using the District's Installment Agreement method of collection up to five (5) years at a fixed interest rate equal to the current Wall Street Journal Prime Rate plus two percent (2.0%), but not to exceed eight percent (8%), existing at the time of execution of the Installment Agreement, with no prepayment penalty. Should any structure or building not be paid for or financed using the District's Installment Agreement and connected to the District's system within one (1) year of the time that the line serving said property is formally declared Available by the Governing Board, it will at the time of connection pay full Plant Connection Charges, Regional Transmission System Line Charges, and Administrative Charges as are

applicable to new construction at time that connection is made regardless of the date of certificate of occupancy.

(4) Owners with existing contracts for service with the District shall pay Plant Connection Charges, Regional Transmission System Line Charges, and Administrative Charges as indicated in those contracts, and such charges shall not be subject to increase.

(5) Subregional Line Charges. From time to time the District constructs and extends Subregional Collection Facilities to existing Residential and/or Non-residential Units. The District shall collect the costs of extending the Subregional Collection Facilities through the apportionment of these costs to each of the benefited properties. Such charges shall be payable commencing when the Equivalent Connection is connected to the Regional Wastewater System of the District, or within one (1) year of the time the connection is Available, whichever occurs first. All Subregional Line Charges shall be adjusted each April 1st based on the 10-Year Treasury Rate published by the US Department of Treasury on February 1st.

(5)(a) Western Indiantown Road Subregional Collection Facilities: Subregional Transmission System Line Charges for the Western Indiantown Road Subregional Collection Facilities shall be ~~\$2,092.802,001.91~~ per Equivalent Connection. Commitment of service shall not exceed those total capacity limitations as authorized for commitment by the Governing Board. The full amount of the Subregional Line Charges shall be due and payable at the time commitment of service is made. Those buildings or structures having certificates of occupancy prior to January 20, 2012, the date this transmission system line was 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.

5(b) Inlet Village Subregional Line Charge for Inlet Village Subregional Collection Facilities. The rate of the Inlet Village Subregional Line Charge shall be ~~\$2,482.202,374.40~~ per Equivalent Connection. Commitment of service shall not exceed those total capacity limitations as authorized for commitment by the Governing Board. 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 transmission system line 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.

5(c) Rocking Horse Lane Subregional Line Charge for Rocking Horse Lane Subregional Collection Facilities. The rate of the Rocking Horse Lane Subregional Line Charge shall be \$~~692.07~~~~662.01~~ per Equivalent Connection. Commitment of service shall not exceed those total capacity limitations as authorized for commitment by the Governing Board. 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 transmission system line 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.

5(d) 66th Terrace Phase 1 Subregional Line Charge for 66th Terrace Phase 1 Subregional Collection Facilities. The rate of the 66th Terrace Phase 1 Subregional Line Charge shall be \$~~698.33~~~~668.00~~ 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 transmission system line 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.

5(e) Jamaica Drive Phase 1 Subregional Line Charge for Jamaica Drive Phase 1 Subregional Collection Facilities. The rate of the Jamaica Drive Phase 1 Subregional Line Charge shall be \$~~1,015.86~~~~971.74~~ 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 transmission system line 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.

5(f) 69th Terrace Phase 1 Subregional Line Charge for 69th Terrace Phase 1 Subregional Collection Facilities. The rate of the 69th Terrace Phase 1 Subregional Line Charge shall be \$~~1,221.66~~~~1,168.61~~ 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 transmission system line 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.

5(g) SE Island Way Martin County Parcel ID 28-40-42-000-000-00020-5 Subregional Line Charge for SE Island Way Martin County Parcel ID 28-40-42-000-000-00020-5 Subregional Collection Facilities. The rate of the SE Island Way Martin County Parcel ID 28-40-42-000-000-00020-5 Subregional Line Charge shall be \$~~5858.55~~~~5,604.12~~ 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 transmission system line 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.

(h) Jamaica Drive Phase 2 Subregional Line Charge for Jamaica Drive Phase 2 Subregional Collection Facilities. The rate of the Jamaica Drive Phase 2 Subregional

Line Charge shall be \$820.00 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.

Specific Authority Chapter 2021-249, Laws of Florida, and Section 381.00655, Florida Statutes. Law Implemented Chapter 2021-249, Laws of Florida, Section 6(6), (9), (11), (12), and (19), and Section 8. History - New 12-9-76, Amended, 9-26-78, 12-12-78, 5-21-81, 5-24-82, 4-24-83, 4-25-84, 6-30-85, Formerly 31-10.05. Amended 6-30-86, 5-4-87, 4-17-88, 5-3-89, 5-13-90, 5-7-92, 5-9-93, 5-9-94, 5-19-96, 7-14-97, 11-1-98, 6-22-99, 3-23-00, 3-15-01, 3-21-02, 3-20-03, 3-18-04, 3-17-05, 3-16-06, 3-15-07, 3-20-08, 3-19-09, 3-18-10, 3-17-11, 3-15-2012, 6-21-2012, 3-21-2013, 3-20-2014, 3-19-2015, 3-17-2016, 3-16-2017, 3-21-2019, 10-15-2020, 3-17-22, 3-17-23, 10-20-23, 12-15-23, 3-21-2024, 9-19-2024, 3-20-2025.

31-10.006 Special Assessments.

Special Assessments are due and payable with interest at the time of transfer of the underlying real property for consideration as an at-arms-length transaction unless transferred to the real estate tax bill for the property as a continuing obligation of the property until paid in full.

Specific Authority Chapter 2021-249, Laws of Florida, Section 6(10), (12), (19) and (27). Law Implemented Chapter 2021-249, Laws of Florida, Section 6(10), (12), (19), and (27). History - New 12-9-76, Amended, 9-26-78, 12-12-78, 5-21-81, 5-24-82, 4-24-83, 4-25-84, 6-30-85, Formerly 31-10.05. Amended 6-30-86, 5-4-87, 4-17-88, 5-3-89, 5-13-90, 5-7-92, 5-9-93, 5-9-94, 5-19-96, 7-14-97, 11-1-98, 6-22-99, 3-23-00, 3-15-01, 3-21-02, 3-20-03, 3-18-04, 3-17-05, 3-16-06, 3-15-07, 3-20-08, 3-19-09, 3-18-10, 3-17-11, 3-15-2012, 3-17-22.

31-10.007 Quarterly Service Charges for Sewer Service.

(1) Quarterly Service Charges shall be payable by the Owner commencing when the Equivalent Connection is connected to the Regional Wastewater System of the District, or within one (1) year of the time the connection is Available, whichever occurs first, and shall be billed in advance. Notwithstanding any other provision of this section, an Owner that has established a tenant as the bill recipient for the Quarterly Service Charge prior to April 1, 2015 may continue to have the established tenant listed as the bill recipient for the Quarterly Service Charge until such time as that tenant relationship changes (e.g., new Owner(s) or new tenant(s)). The Owner is required to notify the District within fifteen (15) days of the tenant relationship change.

(a) The Quarterly Service Charge for Residential Units shall be:

~~For the period of April 1, 2024 thru March 31, 2025 @ \$58.50 per E.C.~~

For the period of April 1, 2025 thru March 31, 2026 @ \$60.26 per E.C.

For the period of April 1, 2026 thru March 31, 2027 @ \$62.06 per E.C.

For the period of April 1, 2027 thru March 31, 2028 @ \$63.92 per E.C.

For the period of April 1, 2028 thru March 31, 2029 @ \$65.20 per E.C.

For the period of April 1, 2029 thru March 31, 2030 @ \$67.16 per E.C.

(b) The Quarterly Service Charge for Non-residential Units shall be as follows:

~~For the period of April 1, 2024 thru March 31, 2025 @ \$6.68 per thousand gallons
of metered potable water usage;~~

For the period of April 1, 2025 thru March 31, 2026 @ \$6.88 per thousand gallons
of metered potable water usage;

For the period of April 1, 2026 thru March 31, 2027 @ \$7.09 per thousand gallons
of metered potable water usage;

For the period of April 1, 2027 thru March 31, 2028 @ \$7.30 per thousand gallons
of metered potable water usage;

For the period of April 1, 2028 thru March 31, 2029 @ \$7.45 per thousand gallons
of metered potable water usage;

For the period of April 1, 2029 thru March 31, 2030 @ \$7.67 per thousand gallons
of metered potable water usage;

provided that the minimum Quarterly Service Charge for Non-residential Units shall
be as follows:

~~For the period of April 1, 2024 thru March 31, 2025 @ \$80.06~~

For the period of April 1, 2025 thru March 31, 2026 @ \$82.46

For the period of April 1, 2026 thru March 31, 2027 @ \$84.94

For the period of April 1, 2027 thru March 31, 2028 @ \$87.48

For the period of April 1, 2028 thru March 31, 2029 @ \$89.23

For the period of April 1, 2029 thru March 31, 2030 @ \$91.91.

For Non-residential Units that do not have a metered water supply or that have not established a minimum of one (1) month of water use history, and certain other uses (e.g., elevator sump; pool backwash; public toilets in parks; marina pump out station) the Quarterly Service Charge shall be a flat rate of:

~~For the period of April 1, 2024 thru March 31, 2025 @ \$80.06 per E.C.~~

For the period of April 1, 2025 thru March 31, 2026 @ \$82.46 per E.C.

For the period of April 1, 2026 thru March 31, 2027 @ \$84.94 per E.C.

For the period of April 1, 2027 thru March 31, 2028 @ \$87.48 per E.C.

For the period of April 1, 2028 thru March 31, 2029 @ \$89.23 per E.C.

For the period of April 1, 2029 thru March 31, 2030 @ \$91.91 per E.C.

(2) Temporary Disconnection of Sewer Service – The District may temporarily suspend Quarterly Service Charges when sewer service is disconnected as provided below. If temporarily suspended, quarterly sewer service charges will cease on the first day of the quarter following verification and approval by the District. Quarterly sewer service charges will resume on the first day of the quarter following reconnection to the sewer (e.g., upon receipt of a Certificate of Occupancy). Failure to notify the District of reconnection to the sewer system will result in the District back-billing quarterly sewer service charges to the date reconnection to the sewer was made. Circumstances warranting suspension of quarterly sewer service charges of an existing Residential Unit or Non-residential Unit connected to the District’s sewer system include:

- (a) sewer disconnection in coordination with the District’s Engineering Department and according to District standards, or
- (b) proof of designation as uninhabitable by a municipal authority (e.g., fire official, building official).

(3) The Quarterly Service Availability Standby Charge shall be due and payable for each Equivalent Connection reserving service availability, commencing upon the reserving of service availability and shall continue to be owing for each quarter and paid promptly upon billing in the manner as provided for the Quarterly Service Charge thereafter until payment of the Plant Connection Charge. The amount of the Quarterly Service Availability Standby Charge shall be sixty-eight percent (68%) of the Quarterly Service Charge which is set based upon the fixed expenses incurred by the District in operating the plant and the Regional Wastewater System excluding the variable costs related to the amount of sewerage processed.

- (a) A prepayment of twelve (12) months Service Availability Standby Charges will be required commencing upon the reserving of service availability in addition to the Quarterly Service Availability Standby Charge which shall be prepaid quarterly.
- (b) At the time Plant Connection Charges become due and payable ten and one half (10.5) months of the twelve (12) months of prepaid Service Availability Standby Charges shall be credited to the Plant Connection Charges.

Specific Authority Chapter 2021-249, Laws of Florida. Law Implemented Chapter 2021-249, Laws of Florida Section 6(6) (8), (9), (11), (19), and (27), and Section 8. History - New 12-9-76, Amended 6-25-78, 9-26-78, 12-12-78, 11-28-79, 5-21-81, 5-24-82, 10-12-82, 4-24-83, 5-24-84, 6-30-85, Formerly 31-10.07. Amended, 6-30-86, 5-4-87, 4-17-88, 5-3-89, 5-13-90, 5-12-91, 5-7-92, 5-10-93, 5-7-94, 5-7-95, 5-19-96, 7-14-97, 11-1-98, 6-22-99, 3-23-00, 3-15-01, 3-21-02, 3-20-03, 3-18-04, 3-17-05, 3-16-06, 3-15-07, 3-20-08, 3-19-09, 3-18-10, 3-17-11, 3-15-2012, 3-21-2013, 3-20-2014, 3-19-2015, 6-18-2015, 3-17-2016, 3-16-2017, 3-21-2019, 3-17-22, 3-17-23, 3-21-2024, 3-20-2025.

31-10.008 Determination of Equivalent Connections.

Each Owner of each lot or parcel of land which may be connected to the Regional Wastewater System shall provide proof of the number of Equivalent Connections for each lot or parcel owned. If the Owner does not produce proof of the number of Equivalent Connections, the District will charge the Owner up to the maximum rates, fees and charges of the District based upon 1.75 E.C. per lot or parcel based upon the best information practically Available to the District.

Specific Authority Chapter 2021-249, Laws of Florida. Law Implemented Chapter 2021-249, Laws of Florida, Section 6(6) and (9), and Section 8. History - New 12-9-76. Amended 9-26-78, Formerly 31-10.08, Amended 3-15-2012, 3-19-2015, 3-17-22.

31-10.009 Responsibility for Payment and Enforcement of Collections and Foreclosure of Liens.

(1) Responsibility. The District shall hold the Owner of the property being served with sewage service primarily responsible for all charges for sewage service to the property, without regard to the fact that a tenant, licensee, customer or other party was actually utilizing the sewage service and may be paying for same directly to the District.

(2) Payment. All payments to the District shall be made using U.S. funds (dollars). Payment may be made in cash, check, electronic check, money order, electronic bill pay, direct debit, a Master Card or Visa debit card, or credit card or a Discover credit card. All checks shall be in a form that complies with the standards for cash items adopted by the Federal Reserve System to facilitate the sorting, routing, and mechanized processing of such items. Payment made using debit card or credit card is limited to a maximum of \$5,000.00 per account per month.

(3) Delinquent Quarterly Service Charge for Sewer Service. Quarterly Service Charge for Sewer Service shall be delinquent if not paid during the service period. The District will apply a delinquent fee equal to ten percent (10%) of the delinquent Quarterly Service Charge for Sewer Service to accounts with a delinquent balance of \$20.00 or more.

(4) Default. If any fees, rates, or charges for sewage service are not paid when due and are unpaid for thirty (30) days or more, the Owner shall be in default, and the District may seek recovery of the amounts due from the Owner through any or all available legal remedies.

(5) Enforcement. When the fees, rates, or charges for the services and facilities of any system are not paid when due and are in default as set forth above, the District shall provide written notice to the Owner that the District may discontinue and shut-off the supply of services and facilities to the property until all fees, rates, or charges, including interest at twelve percent (12%) per annum, plus all penalties and charges for the shutting off and discontinuance and the restoration of such services or facilities are fully paid. If the fees or charges remain unpaid for thirty (30) days after being due, such delinquent fees, rates, or charges shall bear interest at the rate of twelve percent (12%) per annum computed from the date when originally due, until paid and the District may discontinue the supply of service and facilities to the property. The District may file suit in a court of competent jurisdiction to recover any delinquent fees or charges, together with legal interest, penalties, and charges for the shutting off and discontinuance and the restoration of such services or facilities and all other costs and other expenses, including court costs and reasonable attorney's fees.

(6) Foreclosure of Liens. The District shall have a lien on all lands and premises served by it for all charges and fees, until paid, for services provided to such lands or premises by the District, or connection fees associated therewith, which lien shall be prior to all other liens, except that such lien shall be on parity with the lien of state, county, and municipal taxes, and any lien for charges for services created pursuant to Section 159.17, Florida Statutes. Such lien shall be perfected by the District by recording in the official records of the county in which the lands or premises are located a claim of lien in form substantially as provided in Section 713.08, Florida Statutes. A copy of the claim of lien shall be served as provided in Section 713.18, Florida Statutes, within ten (10) days after the claim of lien is recorded. If thirty (30) days after service has been made, liens created under this Rule remain delinquent, such liens may be foreclosed by the District in the manner provided by the laws of Florida for the foreclosure of mortgages on real property, and the District shall be entitled to 12% interest per annum, attorney's fees, and other court costs.

(7) No Service Free. No sewage disposal service shall be furnished or rendered free of charge to any Owner, person, firm, corporation, agency or organization whatsoever, and the District

and each and every Owner, person, firm, corporation, agency or organization that uses or is required to use such service shall pay the rates, fees, and charges established by the Governing Board.

(8) Administrative Credits. The Executive Director, or his or her designee, may authorize a credit or refund to an account in certain situations, including billing errors, clerical errors, excessive payments by the customer, meter adjustments, and application of grant funds. In each case, the affected customer must provide a signed written request for refund that quantifies the requested refund, documents the justification for the refund, and states whether the refund should be provided as a credit to the customer's account unless the customer specifically requests a refund check at the same time the customer requests the refund. In no circumstance shall such credit or refund exceed \$10,000 without prior authorization of the Governing Board.

Specific Authority Chapter 2021-249, Laws of Florida. Law Implemented Chapter 2021-249, Laws of Florida, Section 6(6),(8), (9), (11), and (19), and Section 8. History - New 12-9-76. Formerly 31-3.16, 31-3.18 and 31-10.09. Rules 31-3.016 & 31-3.018 moved, consolidated and renumbered 31-10.009(4), (5) and (6) by amendment on 6-15-2000. Amended 9-26-78, 10-11-80, 3-23-00, 6-15-00, 3-15-2012, 3-19-2015, 3-17-2016, 3-17-22.

31-10.010 Payment of Certain Rates, Fees and Charges; Developer Agreement.

(1) Applicants for service requiring less than ten (10) E.C.s must execute an Application for Sewer Service appropriate for the use and shall pay all Connection Charges at the time of application. Applications for Sewer Service forms are provided on the District's website at <https://loxahatcheeriver.org> and may be obtained from the District office.

(2) Applicants desiring to reserve service availability for 10 Equivalent Connections or more must execute a standard developer agreement, as developed and provided by the District ("Standard Developer Agreement"), which is provided on the District's website at <https://loxahatcheeriver.org> and also may be obtained from the District office, and pay all charges and fees required by the agreement. Applicants must also provide plans and specifications with sufficient detail to calculate the number of Equivalent Connections contemplated on the lot or parcel of land.

The following matters are addressed in the Standard Developer Agreement:

- (a) The reservation of the agreed service availability in the Regional Wastewater System on the subject property in terms of Equivalent Connections.
- (b) Payment required to reserve sewer service availability.
- (c) Construction of off-site facilities under certain conditions.
- (d) Dedication of facilities and land to the District.

- (e) Describing the reservation of service availability in terms of the equivalent connections as non-assignable, non-transferable, and running with the land, and describing exceptions.
- (f) Requiring payment of a Quarterly Service Availability Standby Charge and prepayment of twelve (12) months thereof.
- (g) Describing payment and obligations and providing for recovery of costs and attorney's fees.
- (h) Subject the Owner to the rates, fees and charges of the District as established from time to time but fixing the rate for the Regional Transmission System Line Charge, Administrative Charge, and Plant Connection Charge.

(2) Applicants desiring to reserve service availability for concurrency in the Regional Wastewater System must sign a "Concurrency Reservation Agreement," which is provided on the District's website at <https://loxahatcheeriver.org> ("Concurrency Reservation Agreement") and also may be obtained from the District office, and make all payments required by the agreement. Applicants must also provide plans and specifications with sufficient detail to calculate the number of Equivalent Connections contemplated on the lot or parcel of land. The following matters are addressed in the Concurrency Reservation Agreement:

- (a) The reservation of the agreed service availability in the regional wastewater system on the subject property in terms of equivalent connections.
- (b) Requiring payment of a Quarterly Service Availability Standby Charge and prepayment of twelve (12) months thereof.
- (c) Providing a duration of the shorter of twelve (12) months or thirty (30) days after applicant obtains a development order.
- (d) Providing for the unexpired portion of the prepaid Quarterly Service Availability Standby Charge to be refunded to the applicant if the development order is denied, or credited to the Service Availability Standby Charge if a Standard Developer's Agreement is entered into by the applicant within thirty (30) days of the development order.
- (e) Describing the reservation of service availability in terms of the equivalent connections as non-assignable, non-transferable, and running with the land, and describing exceptions.
- (f) Describing payment, including rates, fees, and charges of the District, and obligations and providing for recovery of costs and attorney's fees.

Specific Authority Chapter 2021-249, Laws of Florida. Law Implemented Chapter 2021-249, Laws of Florida, Section 6(6),(8), (9), (11), and (19), and Section 8. History-New 12-9-76. Amended, 9-26-78, 5-21-81, 5-24-84. Formerly 31-10.10. Amended 5-10-93, 3-20-08, 3-19-09, 3-18-10, 3-15-2012, 3-17-22.

31-10.012 Exceptions to the Payment of Connection Charges.

(1) Connection Charges shall not apply to those residential and non-residential buildings and structures referred to in the Agreement for Sale between the Village of Tequesta and the District, dated May 23, 1973.

(2) Those residential and non-residential buildings and structures which have escrowed, paid or committed capital improvement charges and have executed legally binding agreements where capital improvement charges are referred to in such agreements, said agreements shall be enforced according to their tenor, except that the capital improvement charges shall be treated as Plant Connection Charges, and except that where capital improvement charges may be increased or subjected to assessment and reassessment from time to time, there shall be no increase over the amount of capital improvement charges as stated in said agreements, and said provision providing for assessment and reassessment of capital improvement charges shall not be enforced.

Specific Authority Chapter 2021-249, Laws of Florida. Law Implemented Chapter 2021-249, Laws of Florida, Section 6(6), (8), (9) (11), (12), and (27), and Section 8. History - New 12-12-79. Formerly 31-10.12, Amended 3-15-2012.

31-10.013 Irrigation Quality Water User; Rates, Fees and Charges for Irrigation Quality Water Service; Irrigation Quality Water Agreements.

(1) “I.Q. Water” is defined as Irrigation Quality Water provided by the District, regardless of the original source of the I.Q. Water. I.Q. Water also may be referred to as “reuse water” or “reclaimed water”, which is further defined in Chapter 62-610, Florida Administrative Code.

(2) “Wholesale I.Q. User” is defined as user of I.Q. Water, for which the I.Q. Water is pumped by the District to a storage facility, such as ponds, lakes, or tanks, at an off-site location. The I.Q. Water is then pumped by a party other than the District, into the lines that irrigate the User’s property.

(3) “Retail I.Q. User” is defined as a user of I.Q. Water, for which the I.Q. Water is pumped by the District, to a storage facility, such as ponds, lakes or tanks, at an off-site location. The I.Q. Water is then pumped by the District from the storage facility, into the lines that deliver I.Q. Water to the User’s property for further distribution and irrigation by the User.

(4) “Nano I.Q. User” is defined as a user of I.Q. Water, where the I.Q. Water was originally made available by blending the Town of Jupiter’s nanofiltration concentrate and for which the I.Q. Water is pumped by the District, to a storage facility, such as ponds, lakes, or tanks, at an off-site location. The I.Q. Water is then pumped by a party other than the District, into the lines that irrigate the User’s property.

(5) Rates, Fees and Charges for Wholesale, Retail, and Nano I.Q. Water Rates are those rates, fees and charges approved, set, and levied by the Governing Board based on the total cost to the District of construction, reconstruction, labor, materials, equipment, acquisition, property rights, surveys, design, engineering, legal, administration, operation, maintenance, and all other expenses necessary or incidental to construction, operation, and improvement of the I.Q. Water system and provision of I.Q. Water.

(6) The District’s rate for I.Q. Water are:

(a) Wholesale I.Q. Users shall pay the following rates for their requested G.P.D.

~~For the period of April 1, 2024 thru March 31, 2025 \$0.4856 per 1,000 gallons.~~

For the period of April 1, 2025 thru March 31, 2026 \$0.5002 per 1,000 gallons.

For the period of April 1, 2026 thru March 31, 2027 \$0.5152 per 1,000 gallons.

For the period of April 1, 2027 thru March 31, 2028 \$0.5307 per 1,000 gallons.

For the period of April 1, 2028 thru March 31, 2029 \$0.5466 per 1,000 gallons.

For the period of April 1, 2029 thru March 31, 2030 \$0.5630 per 1,000 gallons.

(b) Retail I.Q. Users shall pay the following rates for their requested G.P.D.

~~For the period of April 1, 2024 thru March 31, 2025 \$0.6569 per 1,000 gallons.~~

For the period of April 1, 2025 thru March 31, 2026 \$0.6766 per 1,000 gallons.

For the period of April 1, 2026 thru March 31, 2027 \$0.6969 per 1,000 gallons.

For the period of April 1, 2027 thru March 31, 2028 \$0.7178 per 1,000 gallons.

For the period of April 1, 2028 thru March 31, 2029 \$0.7393 per 1,000 gallons.

For the period of April 1, 2029 thru March 31, 2030 \$0.7615 per 1,000 gallons.

(c) Nano I.Q. Users shall pay the following rates for their requested G.P.D.

~~For the period of April 1, 2024 thru March 31, 2025 \$0.8766 per 1,000 gallons.~~

For the period of April 1, 2025 thru March 31, 2026 \$0.9204 per 1,000 gallons.

For the period of April 1, 2026 thru March 31, 2027 \$0.9480 per 1,000 gallons.

The District may revise its schedule of rates, fees, and charges in accordance with the Loxahatchee River Environmental Control District Act codified in Chapter 2021-249, Laws of

Florida, all applicable District rules, and all relevant laws. It is the District's intention to evaluate the sufficiency of I.Q. Water rates during the annual Rate Study, which typically occurs in February and March with potential rate adjustments implemented April 1st. The I.Q. Rate shall be billed monthly or such other billing cycle period as the District may determine.

(7) The Start Up Fee of the District for Retail I.Q. Users shall be the greater of (a) six (6) months of charges at the Retail I.Q. Rate for the requested gallons per day, or (b) \$3,500.00. The Application Fee of the District for Wholesale I.Q. Users shall be the greater of (a) six (6) months of charges at the I.Q. Rate for the requested gallons per day, or (b) \$18,000.00.

(8) All persons, firms and corporations (hereinafter called "Applicant") desiring to reserve service availability in the regional I.Q. Water system of the District where said I.Q. Water is Available or is proposed to be Available, as determined by the District, prior to receiving District approval, shall sign a Standard Irrigation Quality Water Agreement and pay the charges and fees specified therein.

Specific Authority Chapter 2101-249, Laws of Florida. Law Implemented Chapter 2021-249, Laws of Florida, Sections 6(6), (8), (9), (11), (12), and (27), and Section 8; History-New 7-23-97, Amended 11-1-98, 3-16-06, 3-18-10, 3-21-2013, 3-19-2015, 3-21-2019, 2-20-2020, 3-17-22, 3-17-23, 3-21-2024, 3-20-2025.

31-10.014 Low Pressure Pump Unit Delivery Procedures & Delivery Charge.

(1) All Owners in an area serviced by a low pressure sanitary sewer system, shall be responsible for taking possession of the Low Pressure Pump Unit ("**Pump Unit**") upon notification the Pump Unit is available for pick up at the District. A Property Owner that does not pick up the Pump Unit shall be subject to the following delivery procedures and delivery charge. The First Delivery Notice to the Owner shall provide:

- (a) Owner is delinquent with installation of the low pressure pumping system for their wastewater service.
- (b) The District has been holding their Pump Unit since the completion of the sewer project.
- (c) The Pump Unit was included in their assessment and is their responsibility to install.
- (d) The District will no longer hold the Pump Unit for their pick up and installation.
- (e) If not picked up within thirty (30) days, the Pump Unit will be delivered at an additional Delivery Charge of \$300.00 to the Owner (the "Delivery Charge").
- (f) The Pumping Unit will be delivered in good working order, suitable for District's future maintenance.

- (g) If the Owner fails to have the Pump Unit installed within forty-five (45) days and there is damage to the Pump Unit components, the Owner will be responsible for the cost to provide a Pump Unit in good working order for District maintenance in the future.
2. If the Pump Unit is not picked up within thirty (30) days after the First Delivery Notice, the Second Delivery Notice shall be sent to the Owner which shall provide:
- (a) Pump Delivery will be made on a date and time certain.
 - (b) The Pump Unit and appurtenances will be delivered to the most accessible location on the Property or a mutually convenient location as discussed with Owner.
 - (c) A written report will be made of each delivery with photographs of the Pump Unit placement at time of delivery and condition of surrounding area. The District will request written receipt from the Owner for the Pump Unit, however it is not mandatory for the Property Owner to provide or for the District to obtain.
 - (d) The written report shall be signed by two District personnel, witnessed and notarized, and made part of the District's records.
3. After delivery, the Owner will be provided written notification that their Pump Unit has been delivered and an Invoice will be provided for the Delivery Charge.
4. All correspondence to be provided by certified mail with return receipt and regular mail.

Specific Authority Chapter 2021-249, Laws of Florida. Law Implemented Chapter 2021-249, Laws of Florida, Sections 6(6), (8), (9), (10), and (19), and Section 8. History-New 3-15-2012. Amended 3-17-22.

31-10.015 Termination/Abandonment of Easements – Application Fee.

- (1) Property Owners may request a Termination/Abandonment of easement. Requests shall be accompanied by an application and application fee in the amount of ~~\$571.12~~\$61.02.
- (2) The application fee for termination/abandonment of easements shall increase (or decrease) based upon the annual increase (or decrease) in the Engineering News Record Construction Cost Index published in the February edition of each year.

Specific Authority Chapter 2021-249, Laws of Florida. Law Implemented Chapter 2021-249, Laws of Florida, Sections 6(9). History-New 10-20-2023, 3-21-2024, 3-20-2025.



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D.
FROM: Kris Dean, P.E., Deputy Executive Director
DATE: March 11, 2025
SUBJECT: Portable Generator Purchase: Award of Contract

The District maintains a fleet of 45 portable generators. These generators are a key component of the District's emergency response plan including hurricane response. As the fleet ages, Staff plan for the replacement of the oldest and/or least reliable generators in the fleet. Last month the Board approved purchase of five (5) replacement generators as planned under the FY25 Budget.

Based on current capital spending projections the District has the opportunity to purchase an additional 14 replacement generators planned for FY26 in FY25. The purchase of these generators in FY25 will help balance capital spending for FY25 and is already incorporated in the 2025 Rate Study. The purchase will utilize a piggy-back on the existing Sourcewell Contract #092222-GNR with Genset Services, Inc. for 14 - 100 KVA mobile diesel engine-driven generators. The below is a summary of the generators to be purchased.

(14) Generator MDG100DF4 (100KW) \$854,772.40

Staff recommend the following motion:

"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"

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Proposal#: 57975

Proposal Date: 02/20/2025

Valid Until: 03/22/2025

Job Name: Loxahatchee River Environmental - MDG100 - Sourcewell Contract #092222-GNR

Prepared For: Loxahatchee River Environmental
Control District

Project Rep: Michael Bright

Phone: 954-956-9252

Contact: Jim Novak

Email: mbright@gensetservices.com

We are pleased to offer the following proposal:

Quantity 14 - Generac Mobile diesel engine-driven generator set MDG100DF4, consisting of the following features and accessories:

- Trailered Unit
- 100KVA Rating, 60Hz
- 4-Position Voltage Selector Switch
 - 277/480VAC Three Phase
 - 120/208VAC Three Phase
 - 120/240VAC Three Phase
 - 120/240VAC Single Phase
- Prime Duty Rating
- CSA
- Standard Alternator
- Variable Speed Cooling Fan
- 24 Hr Double Wall Tank
- Single Axle
- Electric Brakes
- 3 in. Pintle Ring Adjustable
- Trailer Adapter, Flat 4 to Round 7 Spade
- 10 Amp Battery Charger
- 50 Ethylene Glycol/50 Water
- Fuel and Fluid Containment
- Connection Lugs
- Convenience Receptacles
- PM Voltage Regulator
- MDG100DF4

Quantity 14 - Freight

Quantity 14 - Startup and Commissioning with 1hr Load Bank

Total investments for the above equipment (not including any taxes):

\$ 854,772.40

3100 Gateway Drive - Pompano Beach, FL 33069 - Phone: (954) 956-9252 - Fax: (954) 968-6110

578 Cooper Oaks Court - Apopka, FL 32703 - Phone: 407-532-0414 - Fax: 407-532-0415

www.gensetservices.com

Terms and Conditions:

30% deposit with order, balance before shipping. Other payment terms need to be approved by the credit department before a purchase order is accepted. Payment obligations are not dependent or contingent upon the manner in which purchaser may receive.

In the event of significant delay or price increase of material occurring during the performance of the contract through no fault of Genset, the contract sum, time of performance, and contract requirements shall be equitably adjusted by change order in accordance with the procedures of the contract documents.

Estimated Delivery: 14-16wks

FOB: jobsite installation and offloading by others unless included in the above BOM

Quoted Per: email from Jim

Exceptions to the specifications:

MDG100DF4 | 4.5 L | 100 kVA

MOBILE DIESEL GENERATOR SET

EPA Emissions Certification: Tier 4 Final



Standby Power Rating

85 kW, 106 kVA, 60 Hz

Prime Power Rating

80 kW, 100 kVA, 60 Hz



*Assembled in the USA using domestic and foreign parts



Picture shown may not reflect actual configuration

Codes and Standards

Generac Mobile products are designed to the following standards:



CSA



NATM



TIER 4 FINAL EMISSIONS



UL142, ULC-S601 CERTIFIED

Power When You and Where You Need It

Generac Mobile generators are designed and engineered to power a variety of projects, in the most extreme environments. Gensets are configured to meet customer needs, including choice of containment, cold weather packages, trailer options, and more.

Generac Mobile generators are manufactured to deliver reliable power, when and where you need it.

STANDARD FEATURES

ENGINE SYSTEM

- John Deere® 4045HFG04
- 4 cylinder
- Turbocharged & Aftercooled
- 275 in3 (4.5 L) Displacement
- EPA Tier 4 Final
- Power @ 1,800 RPM -hp (kW):
 - Prime: 122 (90)
 - Standby: 133 (99)
- Paper Element Air Filter
- Electronic Isochronous Governing
- Variable Speed Fan
- Spin On Cartridge Oil Filter
- Oil Drain Extension
- One CCV System Filter
- One Fuel Filters
- One Fuel-Water Separator Filter
- One 12 V, 720 CCA, Wet Cell Battery

COOLING SYSTEM

- Capable of Operating at 104 °F (40 °C) Ambient
- 50/50 Coolant (50% Ethylene Glycol)
- Coolant Drain Extension

FUEL SYSTEM

- Single Wall Fuel Tank
- Fuel tank capacity — US gal (L):
 - Total: 165 (625)
 - Usable: 146 (552)

- Maximum Runtime @ 75% load: 32 hr
- DEF Tank Capacity – US gal (L):
 - Total: 12 (45.4)
 - Usable: 9.1 (34.4)
- Padlockable Fuel and DEF Tank Caps

CONTROL SYSTEM

- Deep Sea Electronics® 7310 MKII Controller
- 3-Position Voltage Selection Switch
- 400 A Main Circuit Breaker (MCB), Manual, with Shunt Trip
- Individual Convenience Receptacle Circuit Breakers
- Emergency Stop Switch
- Remote 2-wire Start/Stop Contacts

ALTERNATOR SYSTEM

- 60 Hz Engine-Driven Alternator
- Standard Alternator
 - Brushless
 - 4 Pole
 - 2/3 pitch
 - Class H insulation
 - Corrosion Protection
- Marathon Electric® PM500 AVR
- Shunt Excitation System

POWER DISTRIBUTION

- Connection Lugs

- Convenience Receptacles
 - Two 120 V, 20 A, GFCI Duplex (NEMA 5-20R)
 - Three 120/240 V, 50 A, 3 Pole, 4 Wire Twist-lock (CS6369)

ENCLOSURE

- Aluminum, Sound Attenuated Enclosure, Insulated and Baffled
- UV and Fade Resistant, High Temperature Cured, White Polyester Powder Paint
- Central Lifting Point
- Fully Lockable Enclosure
- Multi Lingual Operating and Safety Decals
- Document Holder with Owner's Manual - includes AC and DC wiring diagrams

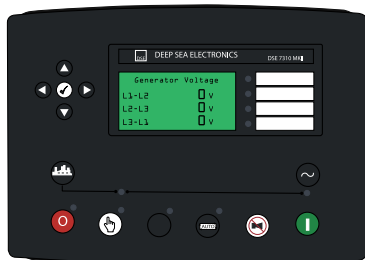
TRAILER

- Hydraulic Surge Brakes
- 3 in (76.2 mm) Pintle Ring
- Tires: ST225/75, 15 in. Rim
- Heavy Duty Trailer Jack
- Safety Chains with Spring Loaded Safety Hooks
- Transportation Tie Downs
- Plug Adapter, Round 7 Spade (SAE J2863)
- DOT Approved Tail, Side, Brake, and Directional Lights

WARRANTY

- 2 year limited or 2,000 hours
 - Unlimited hours covered in first year

CONTROL SYSTEM



Deep Sea Electronics CONTROLLER AND DISPLAY

- Model DSE7310 MKII
- 4 Line Back Lit LCD Text Display
- -40 to 158 °F (-40 to 70 °C) Operating Temperature Range
- Multiple Language Options
- Configurable Timers and Alarms
- Configurable Start/Stop Timers
- Configurable Maintenance Alarms
- Heated Display

PUSH BUTTONS FOR EASY OPERATION

- Manual or Auto Start
- Engine Start
- Engine Stop/Reset
- User Friendly Setup and Button Layout
- Five Key Menu Navigation
- Multiple Parameters are Monitored and Displayed Simultaneously for Full Visibility
- View Controller Parameters (Configuration, Firmware Version, Connections)

ELECTRICAL CONTROLS

- Lockable Control Box Door with Diagnostics Window
- Lockable lug box with safety switch
 - Trips main breaker when door is opened
 - Disables voltage regulator
- Output ground connection lug inside lug box
- Voltage adjustment $\pm 10\%$

LCD ALARM INDICATION

- Generator Diagnostic Display

- System kVA Output Display
- Line Output and Frequency Display
- Alarm Types: Warning, Shutdown, Electrical Trip, Engine
- Alarm List – Warnings/Shutdowns; 250 Event History Log – Date/Time Stamped
 - Fuel Level: Warning – 15%; Shutdown – 5%
 - Overspeed Protection: Shutdown – 110%
 - Engine Diagnostic Warnings Communicated Through J1939 CANbus
 - Battery Voltage: Over – 15 VDC; Under – 11 VDC
 - Generator Over Voltage: Warning – 110%; Electrical Trip – 115%
 - Generator Under Voltage: Warning – 90%; Shutdown – 85%
 - Generator Over Frequency: Warning – 105%; Electrical Trip – 110%
 - Generator Under Frequency: Warning – 95%; Electrical Trip – 90%
- Auto Schedule
- Status

CONFIGURABLE OPTIONS*

ENGINE SYSTEM

- Positive Air Shutdown (PAS), Electronic
- Oil Evacuation System - requires customer-sourced, specialized equipment to use for oil change

COLD WEATHER

- Engine Block Heater - included with selection of any other CW heater option
- Two Heated Fuel Filters
- Oil Heater
- Crankcase Ventilation (CCV) System Heater
- Battery Heater
- 10 A Battery Charger
- 60/40 Coolant (60% Ethylene Glycol)

CONTROL SYSTEM

- 4-Position Voltage Selection Switch
- Paralleling Capability
 - Deep Sea Electronics® 8610 MKII Controller
 - 400 A Main Circuit Breaker (MCB), Motorized, with Shunt Trip
 - Mobile Switching Center (MSC) Cable Connections
- Telemetry
- Lojack Equipment Recovery System
- Battery Disconnect Switch

FUEL SYSTEM

- Containment Pan - for use with standard single wall fuel tank
 - 110% Containment - engine fluid (oil, coolant, & DEF) and fuel
- Double Wall Fuel Tank
 - 110% Containment - engine fluid (oil, coolant, & DEF) and fuel
 - UN31A Certification
 - UL142/ULC-S601 Certification
- Fuel Tank Capacity - gal (L)
 - Total: 128 (485)
 - Usable: 120 (454)
- Runtime @ 75% load: 26.5 hr
- Engine Fluid & Fuel Leak Detection Sensor - option available only with selection of double wall fuel tank option

ALTERNATOR SYSTEM

- SUPERSTART® Alternator
- VFLEX (600 V) Alternator
- Marathon Electric® DVR2400 DVR
- Permanent Magnet Generator (PMG) Excitation System

POWER DISTRIBUTION

- Camlocks—Six Sets, Female (US or Canada Color Code)
- Buck Transformer

ENCLOSURE

- Control Panel Lights
- Interior Lights
- Fire Extinguisher

TRAILER

- Skid Mount (Non-trailer)
- Electric Brakes
- Tandem Axle
- 2-5/16 in. (58.7 mm) Ball Hitch, Adjustable
- 2 in. (50.8 mm) Ball Hitch, Adjustable
- Rear Stabilizer Jacks
- Toolbox Aluminum, 49 x 15 x 18.5 in. (125 x 38 x 47 cm)
- Spare Tire

RATING DEFINITIONS

Standby: Applicable to varying emergency load for the duration of a utility power outage.

Prime: Applicable to supplying power to a varying load in lieu of utility for an unlimited amount of running time.

*Consult factory for availability



APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

General

Make (Model)	John Deere (4045HFG04)
EPA Emissions Compliance	Tier 4 Final
After Treatment System	DOC and SCR
Cylinder #	4
Type	In-line
Displacement: in ³ (L)	275 (4.5)
Bore: in (mm)	4.2 (10.6)
Stroke: in (mm)	5.0 (12.7)
Compression Ratio	17:1
Intake Air Method	Turbocharged & Aftercooled

Engine Governing

Governor	Electronic
Frequency Regulation (Steady State)	2%

Lubrication System

Oil Pump	Gear Driven
Oil Filter Type	Spin-On Cartridge, Full Flow
Engine Oil Capacity: qt (L)	15.9 (15)

Cooling System

Cooling System Type	Radiator and CAC
Water Pump Type	Engine Belt Driven
Fan Type	Pusher
Fan Speed: RPM	Variable Speed Clutch
Fan Diameter: in (mm)	23.2 (59.0)
Cooling System Capacity — qt (L)	22.0 (20.8)

Fuel System

Fuel Type	Ultra Low Sulfur Diesel
Fuel Specifications	EN 590 / ASTM D975
Fuel Filtering	Primary: 10 Final: 2
Fuel Injection Pump – Make (Model)	Denso (HP3)
Fuel Pump Type	Engine Gear Driven
Injector Type	Electronic
Engine Type	Direct Injection High Pressure Common Rail
Fuel Supply Line Diameter – in (mm)	0.375 (9.5)
Fuel Return Line Diameter – in (mm)	0.375 (9.5)

Engine Electrical System

System Voltage: VDC	12
Battery Charger Alternator – VDC (A)	12 (90)
Battery – CCA	720
Battery – V (Qty)	12 (1)
Ground Polarity	Negative (-)

STANDARD ALTERNATOR SPECIFICATIONS

Make (Model)	Marathon Electric (362CSL1606)
Poles	4
Field Type	Rotating
Insulation Class — Rotor	Class H
Insulation Class — Rotor	Class H
Total Harmonic Distortion (THD)	<3.5%
Telephone Interference Factor (TIF)	<50

Standard Excitation	Shunt
Bearings	Single Bearing
Coupling	Direct Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	AVR
Quantity of Sensed Phases	1
Regulation Accuracy (Steady State)	±0.5%

SUPERSTART ALTERNATOR SPECIFICATIONS

Make (Model)	Marathon Electric (362PSL1650)
Poles	4
Field Type	Rotating
Insulation Class — Rotor	Class H
Insulation Class — Rotor	Class H
Total Harmonic Distortion (THD)	<3.5%
Telephone Interference Factor (TIF)	<50

Standard Excitation	Shunt
Bearings	Single Bearing
Coupling	Direct Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	AVR
Quantity of Sensed Phases	1
Regulation Accuracy (Steady State)	±0.5%

APPLICATION AND ENGINEERING DATA (CONTINUED)

VFLEX ALTERNATOR SPECIFICATIONS

Make (Model)	Marathon Electric (362PSL36115)	Standard Excitation	Shunt
Poles	4	Bearings	Single Bearing
Field Type	Rotating	Coupling	Direct Flexible Disc
Insulation Class — Rotor	Class H	Prototype Short Circuit Test	Yes
Insulation Class — Stator	Class H	Voltage Regulator Type	AVR
Total Harmonic Distortion (THD)	<3.5%	Quantity of Sensed Phases	1
Telephone Interference Factor (TIF)	<50	Regulation Accuracy (Steady State)	± 0.5%

OPERATING DATA

POWER RATINGS

	Standard Alternator		SUPERSTART Alternator		VFLEX Alternator	
	Standby:	Prime:	Standby:	Prime:	Standby:	Prime:
	kW/kVA (A)	kW/kVA (A)	kW/kVA (A)	kW/kVA (A)	kW/kVA (A)	kW/kVA (A)
1-phase, 120/240 VAC @ 1.0 pf-zig zag*	78/78 (325)	78/78 (325)	78/78 (325)	78/78 (325)	40/40 (166)	40/40 (166)
3-phase, 120/208 VAC @ 0.8 pf-low wye	85/106 (295)	80/100 (278)	85/106 (295)	80/100 (278)	83/104 (288)	78/98 (271)
3-phase, 120/240 VAC @ 0.8 pf-delta**	85/106 (256)	80/100 (241)	85/106 (256)	80/100 (241)	83/104 (250)	78/98 (235)
3-phase, 277/480 VAC @ 0.8 pf-high wye	85/106 (128)	80/100 (120)	85/106 (128)	80/100 (120)	85/106 (128)	80/100 (120)
3-phase, 346/600 VAC @ 0.8 pf-high wye	N/A	N/A	N/A	N/A	85/106 (102)	80/100 (96)

*Alternator limited.

**Power ratings achieved through use of optional 4-position voltage selection switch.

FUEL CONSUMPTION RATES

Prime Load	Fuel: gph (L/hr)	DEF: gph (L/hr)
25%	1.9 (7.2)	0.07 (0.26)
50%	3.2 (12.1)	0.13 (0.49)
75%	4.5 (17.0)	0.20 (0.76)
100%	6.0 (22.7)	0.26 (0.98)
110% (Standby)	6.4 (24.2)	0.31 (1.17)

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions.

Please consult a Generac Mobile Authorized Service Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528, ISO8665, ISO3046, SAE J1228, SAE J1995, and DIN6271 standards.

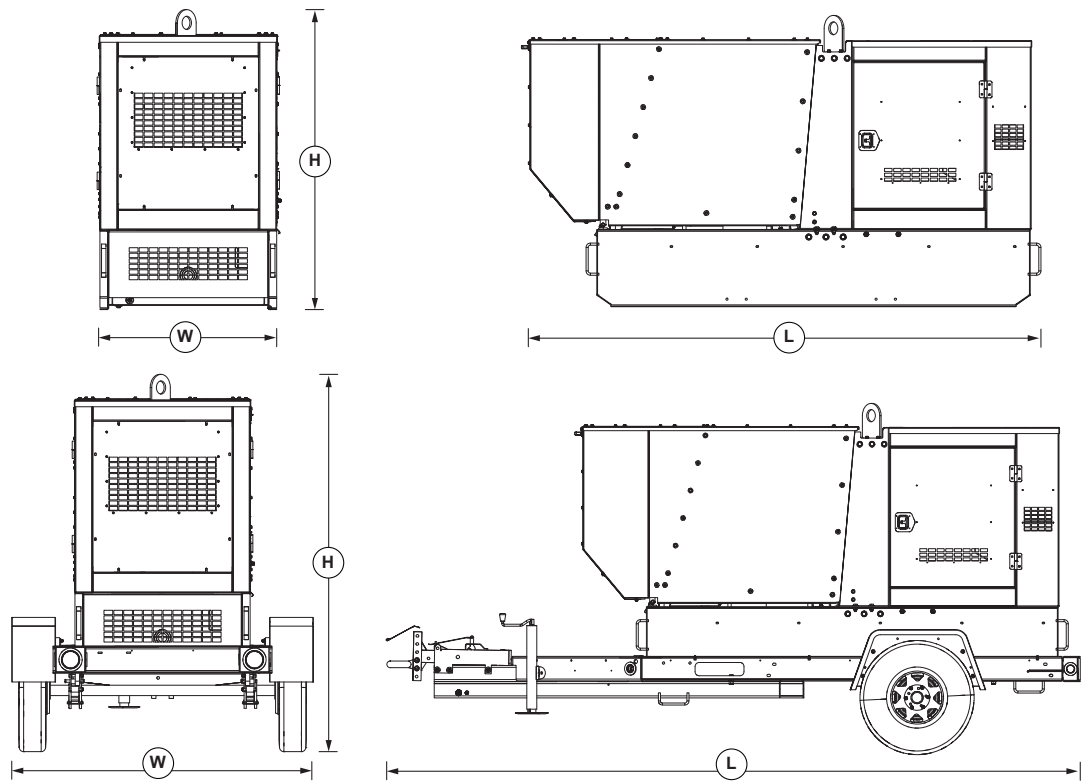
MDG100DF4 | 4.5 L | 100 kVA

MOBILE DIESEL GENERATOR SET

EPA Emissions Certification: Tier 4 Final



DIMENSIONS AND WEIGHTS*



	Runtime: hr*	Usable Fuel Capacity: gal (L)	Dimensions – L×W×H: in (m)	Weight: lb (kg)
Skid	32	146 (552)	119 (3.02)×40 (1.02)×62 (1.57)	Dry: 3,980 (1,805) Operating: 4,940 (2,240)
Trailer	32	146 (552)	170 (4.31)×69 (1.75)×80 (2.03)	Dry: 4,680 (2,122) Operating: 5,640 (2,555)

*Runtime based on 75% of prime rated power

SOUND RATING

- 74 dB(A) @ 23 ft (7 m) @ prime power

* All measurements are approximate and for estimation purposes only.

YOUR FACTORY RECOGNIZED GENERAC MOBILE DEALER

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Mobile Authorized Service Dealer for detailed installation drawings.



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
	2966 Jamaica Drive	1	Statutory Way Provision – April 2024 (1 lot)					Aug. 2024	Feb.2025	Feb.2025	Mar. 2025	Interlocal
	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			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		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

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

March 7, 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.

Two (2) matters of potential pending litigation are 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 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 MARCH 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.

LRD vs. YComm, IDD, NextCity, Enegiz. \$42,021.74 Damage to LS134-FM02

Current Status: Early MARCH 2025, CNA agrees to pay the full \$42,021.74 damage claim to the LRD. Check to the LRD is in process to be received.

This is the final report on the matter resolved sufficiently.

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: March 14, 2025
Subject: Monthly Financial Report

Cash and Investments Balance

Balance as of February 28, 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	\$ 17,857	\$ 5,610,646
Subtotal		\$ 5,530,140	\$ 17,857	\$ 5,610,646
Investment Accounts:				
Florida Prime - SBA	4.53%		\$ 45,828	\$ 13,218,970
Florida FIT - Preferred Cash Pool	4.25%		25,905	7,971,359
Florida FIT - Cash Pool	4.55%		22,709	6,531,583
Bank United - Public Funds Reserve	3.87%		6,607	2,226,725
Subtotal			\$ 101,049	\$ 29,948,637
Cash Account:				
Truist-Hybrid Business Account	2.70%		\$ 15,745	\$ 6,734,963
Subtotal			\$ 15,745	\$ 6,734,963
Total			\$ 134,651	\$ 42,294,246

Investment Policy Compliance

Performance Measurements

Average weighted rate of return on investments is: 4.14%. As of 2/28/25, 3-month U.S. Treasuries were 4.20% and the 1-month Federal Fund Rate was 4.33%. The District's average weighted rate of return on investment of 4.14% is lower than our benchmark because we have \$6.5 million in our business checking account, which earns less than 3%.

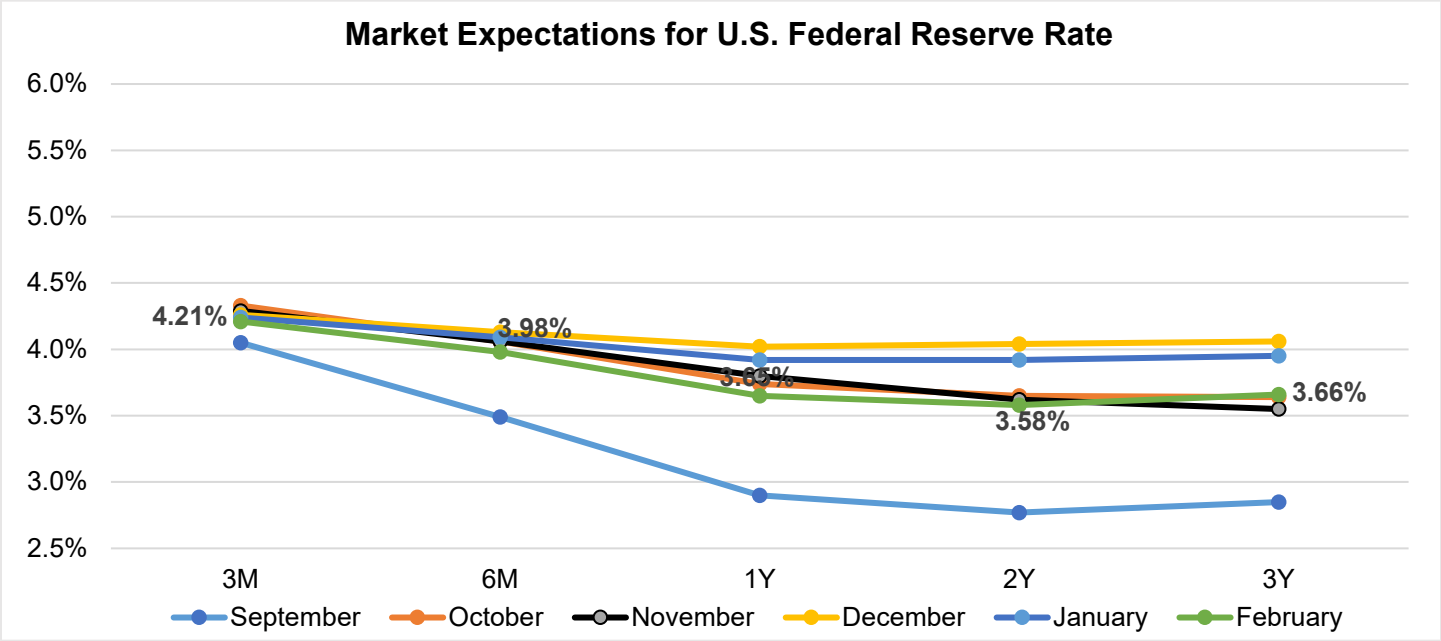
Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
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Dr. Matt H. Rostock
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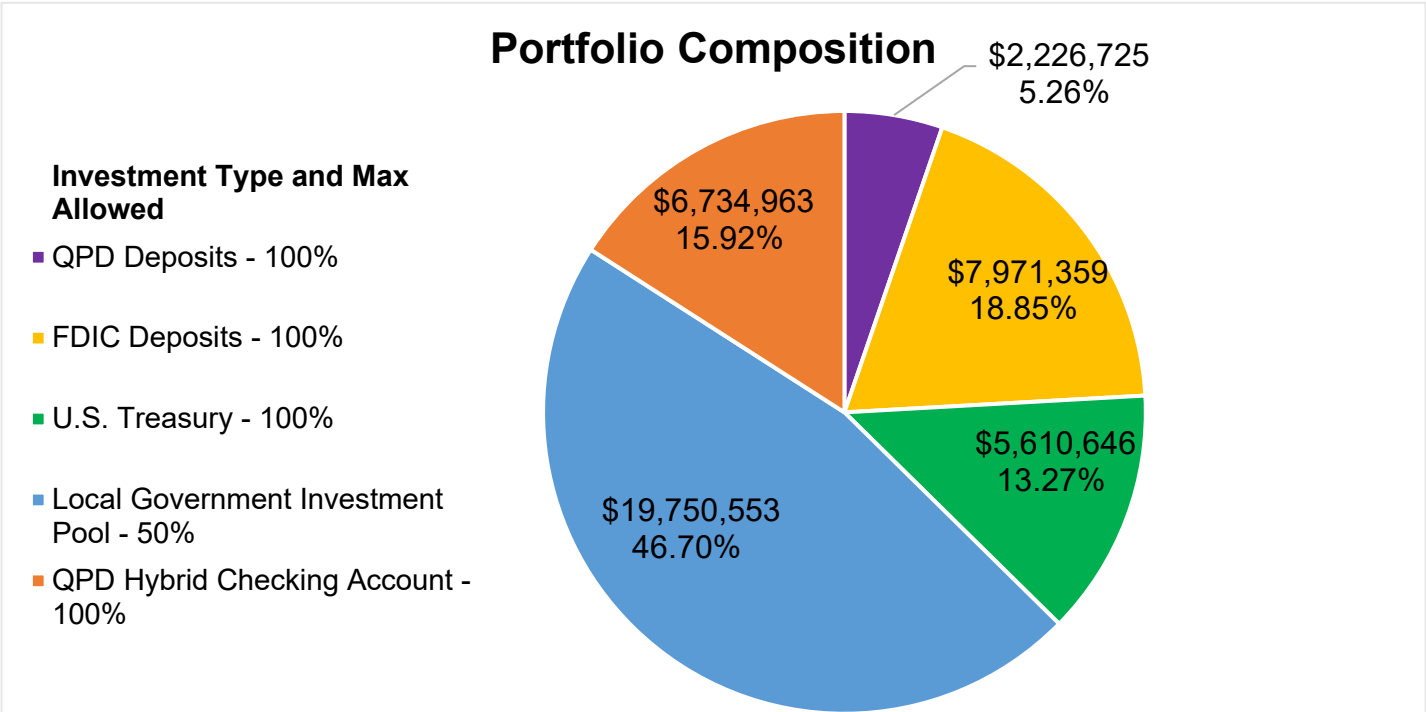
In September and December, the Fed lowered rates by 0.50% and 0.25%, respectively, and as illustrated in the chart below, the yield curve is now nearly flat. With these aggressive cuts, there is an arbitrage with what we can earn by investing in our Local Government Surplus Funds versus reinvesting in Treasury bills. The arbitrage exists because of the 50-day weighted average maturity within the Local Government Surplus Funds. This gap will likely close within the next few months, assuming the Fed lowers rates at a slower pace in 2025. We intend to maximize our yield by investing in Local Government Surplus Funds to the extent our investment policy allows for the next several months, while continuing to monitor rates and the yield curve and reassess our options as conditions evolve.



*Data as of February 28, 2025.

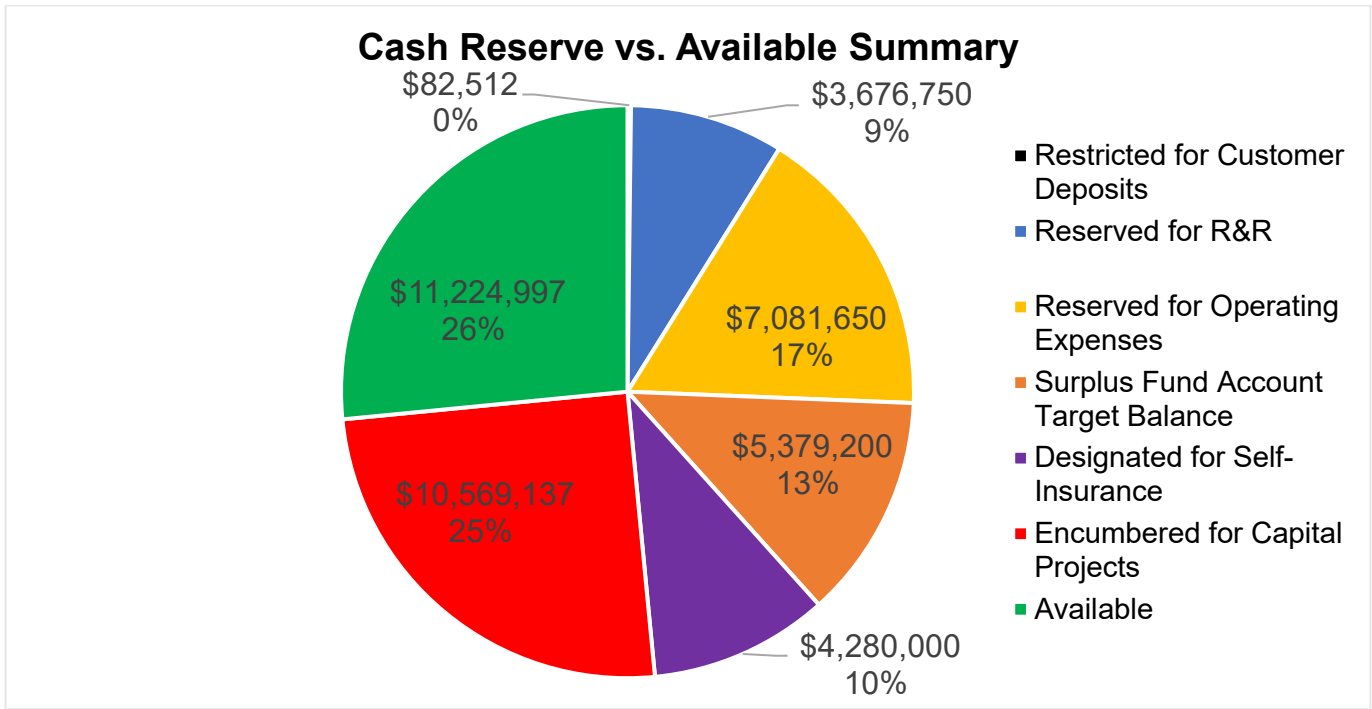
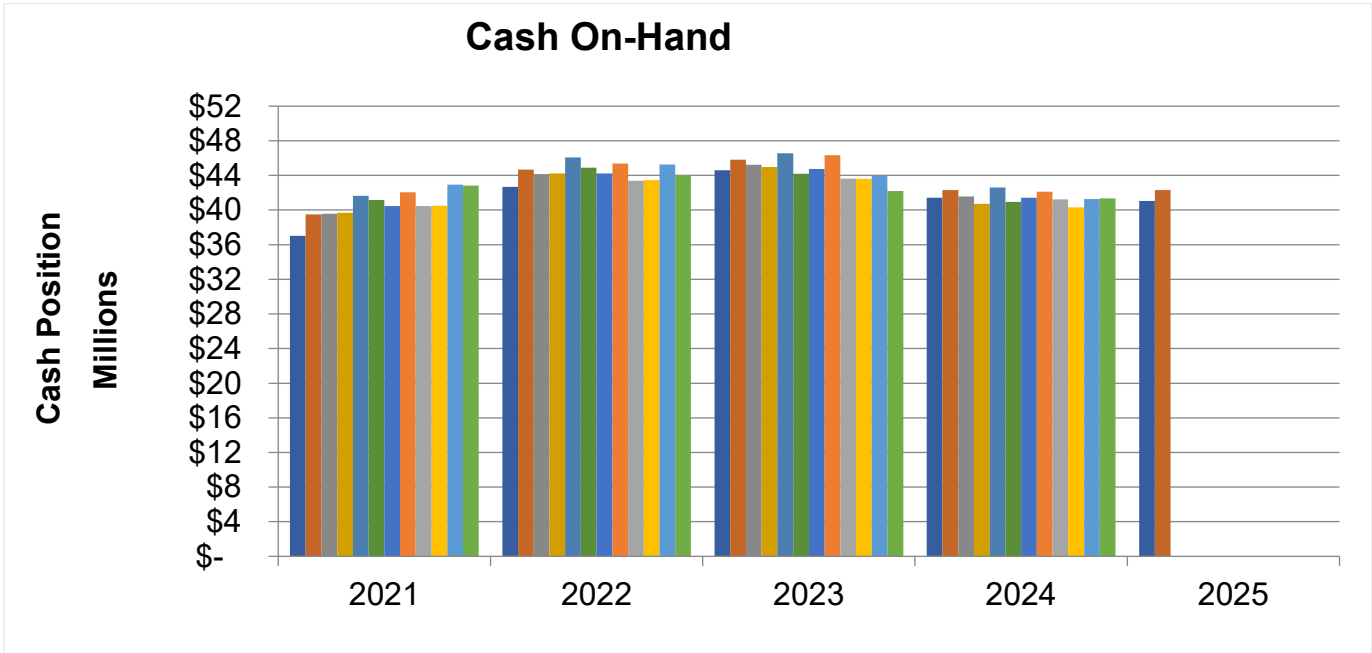
Portfolio Composition

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 February 2024 was \$42,298,111. Current Cash position is down by \$3,865.



Financial Information

- Legal fees billed in February were \$11,300. The fiscal year-to-date total is \$40,155.
- Estoppel fees collected in February totaled \$6,780. The fiscal year-to-date total is \$27,300.
- There was no septage billing in February.
- Developer’s Agreement – There were no new Developer Agreements in February.
- I.Q. Water Agreements – Abacoa Golf Course, Cambridge, and Valencia are past due for February.

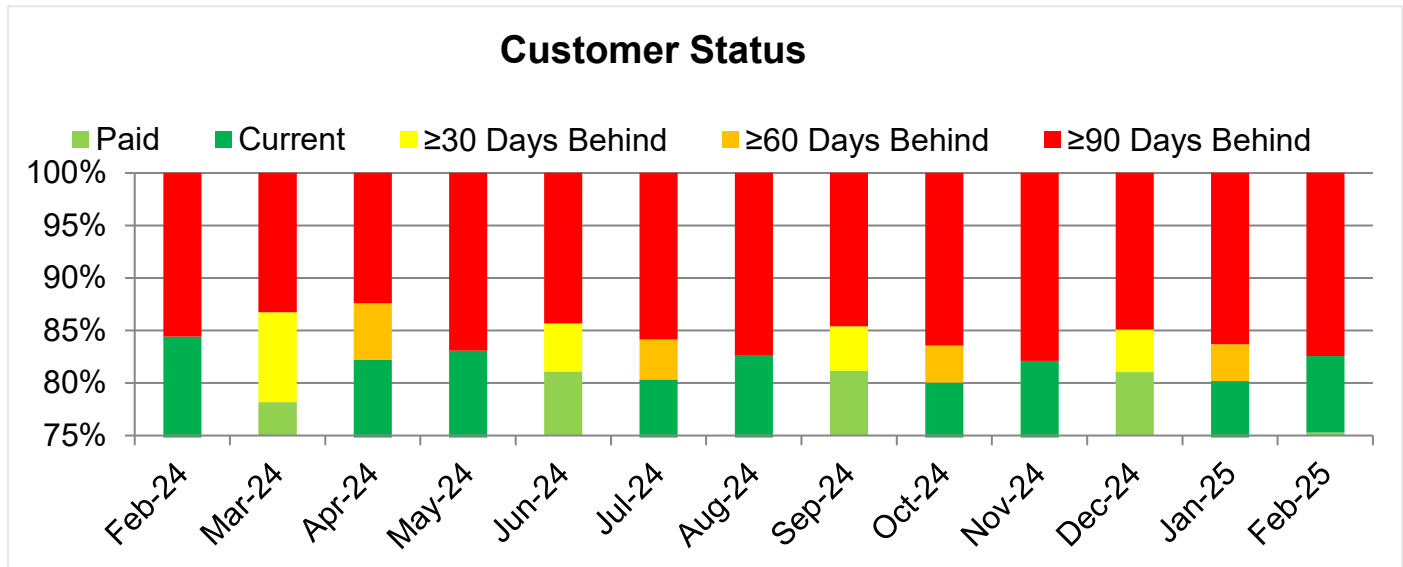
Summary of Budget vs. Actual

<i>Budget Benchmark</i> 41.67%	Feb-25 Actual	YTD Actual	FY 25 Budget	Favorable (Unfavorable)	Budget Expended	Feb-24 YTD
Revenues						
Operating Revenues						
Regional Sewer Service	\$ 1,560,953	\$ 7,796,523	\$19,029,455	\$ (11,232,932)	40.97%	\$6,245,358
Standby Sewer Service	9,674	49,920	100,000	(50,080)	49.92%	39,293
IQ Water Charges	207,131	1,029,936	2,500,000	(1,470,064)	41.20%	801,359
Admin. and Engineering Fees	495	5,918	50,000	(44,082)	11.84%	5,833
Other Revenue	40,311	225,266	500,000	(274,734)	45.05%	217,609
Subtotal Operating Revenues	1,818,564	9,107,563	22,179,455	(13,071,892)	41.06%	7,309,452
Capital Revenues						
Assessments	\$ 47,996	\$ 718,000	1,068,000	(350,000)	67.23%	849,940
Line Charges	3,427	43,519	400,000	(356,481)	10.88%	41,449
Plant Charges	54,858	193,990	600,000	(406,010)	32.33%	199,390
Capital Contributions						
Subtotal Capital Revenues	106,281	955,509	2,068,000	(1,112,491)	46.20%	1,090,779
Other Revenues						
Grants		3,000	200,000	(197,000)	1.50%	
Interest Income	151,483	1,126,821	2,242,100	(1,115,279)	50.26%	1,228,996
Subtotal Other Revenues	151,483	1,129,821	2,442,100	(1,312,279)	46.26%	1,228,996
Total Revenues	\$ 2,076,328	\$ 11,192,893	\$ 26,689,555	\$ (15,496,662)	41.94%	\$ 9,629,227
Expenses						
Salaries and Wages	\$ 608,866	\$ 3,103,493	\$8,457,300	\$ 5,353,807	36.70%	\$2,851,238
Payroll Taxes	44,509	220,240	600,800	380,560	36.66%	202,259
Retirement Contributions	88,406	475,995	1,258,300	782,305	37.83%	443,779
Employee Health Insurance	140,070	667,981	1,891,200	1,223,219	35.32%	668,648
Workers Compensation Insurance		56,145	64,500	8,355	87.05%	64,135
General Insurance	3,207	443,684	570,250	126,566	77.81%	481,625
Supplies and Expenses	85,639	526,295	1,234,920	708,625	42.62%	439,088
Utilities	116,145	618,964	1,816,020	1,197,056	34.08%	561,287
Chemicals	57,153	265,189	474,000	208,811	55.95%	202,127
Repairs and Maintenance	123,433	1,181,923	2,491,980	1,310,057	47.43%	801,329
Outside Services	136,029	945,035	2,375,280	1,430,245	39.79%	728,278
Contingency			225,000	225,000	0.00%	
Subtotal Operating Expenses	1,403,457	8,504,944	21,459,550	12,954,606	39.63%	7,443,793
Capital						
Capital Improvements	\$ 396,665	\$ 1,955,774	12,917,642	10,961,868	15.14%	4,133,712
Subtotal Capital	396,665	1,955,774	12,917,642	10,961,868	15.14%	4,133,712
Total Expenses	\$ 1,800,122	\$ 10,460,718	\$ 34,377,192	\$ 23,916,474	30.43%	\$ 11,577,505
Excess Revenues						
Over (Under) Expenses	\$ 276,206	\$ 732,175	\$ (7,687,637)	\$ 8,419,812		\$ (1,948,278)

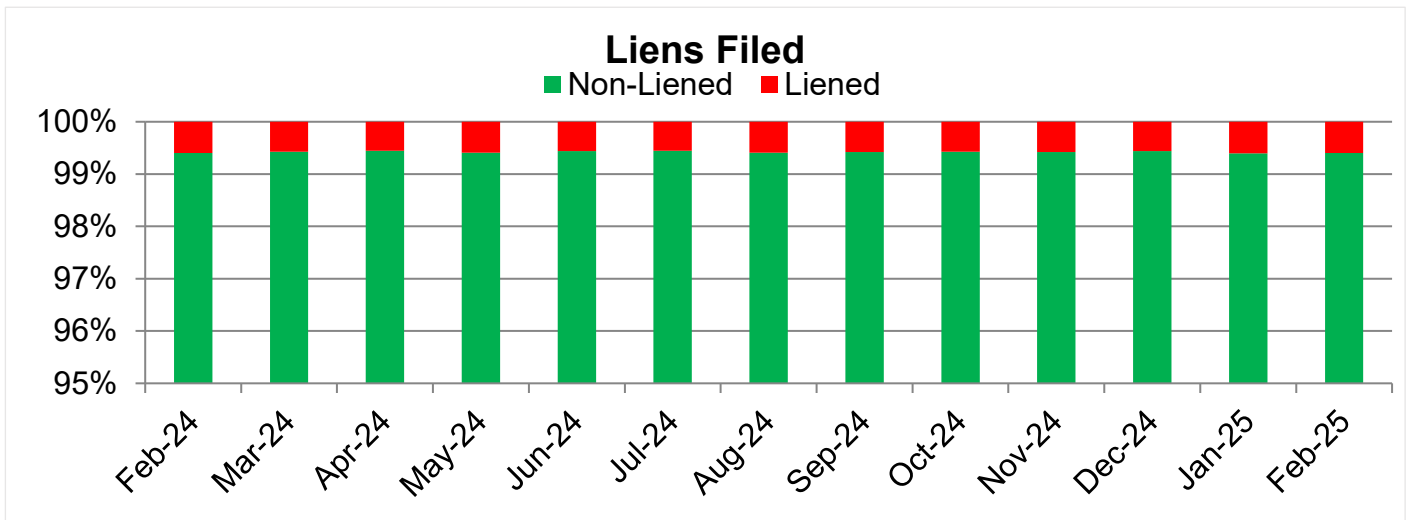
Total Capital expenses incurred and encumbered totalled \$12,177,040 or 94.27% of the capital budget. This includes funds encumbered in a prior fiscal year for projects that stretch across multiple fiscal years.

Accounts Receivable

The District's first quarter billing was \$4,684,050, of this amount \$3,867,402 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 83.0% billing.



The District serves approximately 33,372 customers. Currently, the District has 200 liens filed which represent less than 1.0% of our customers.



Pending/Threatened Litigation

- No pending or threatened litigation.

Retirement Plan Administrative Committee Update

On March 4, 2025, the Retirement Plan Administrative Committee met to discuss the Fourth Quarter Retirement Plan results. As of December 31, 2024, the Plan had 93 participants with participant assets totaling \$15,753,815; an average of \$169,396 per participant and a median of \$69,096. The majority of the Plan's balance continues to be in the Self-directed Brokerage accounts (48.6%); however, that percentage continues to decline with new contributions coming in and going to the funds in the Core Line-up. All funds in the core investment line up were deemed to meet fundamental credentials. Underperforming funds were noted, but based on the available data, no funds were flagged for action.



LOXAHATCHEE RIVER DISTRICT

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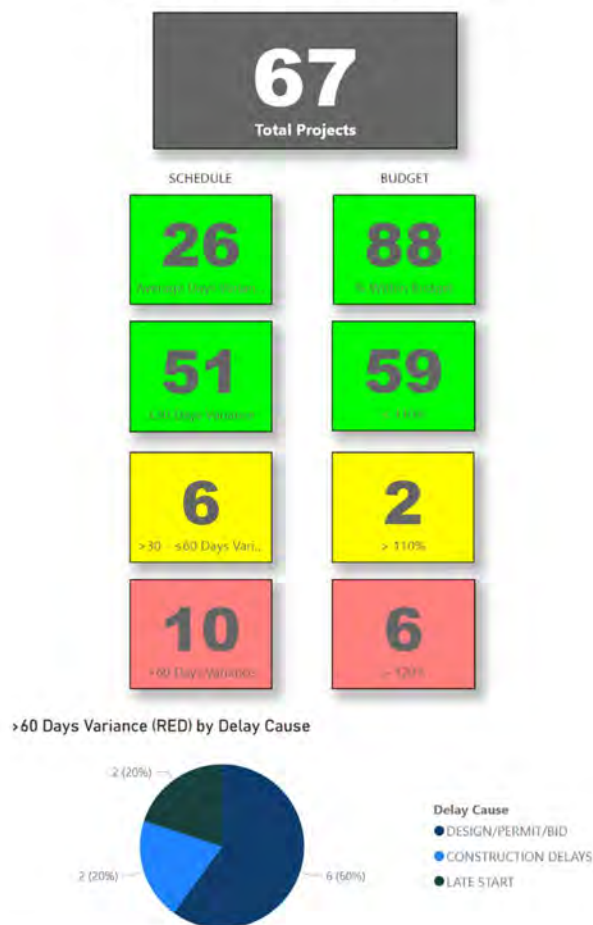
D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D., Executive Director
FROM: Kris Dean, P.E., Deputy Executive Director
DATE: March 12, 2025
SUBJECT: Capital Program Report

CAPITAL PROJECTS



Capital Projects: This month we continue with revisions to the Capital Projects Dashboard. Revisions, noted below, are:

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

Gordon M. Boggie
BOARD MEMBER

Kevin L. Baker
BOARD MEMBER

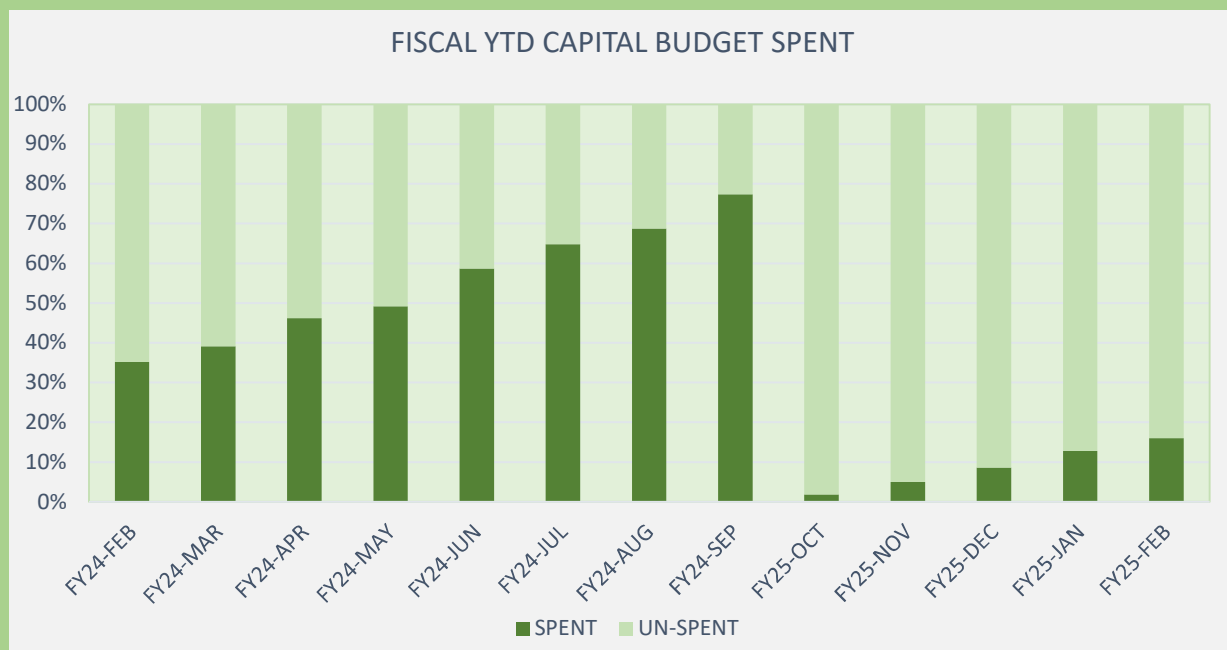
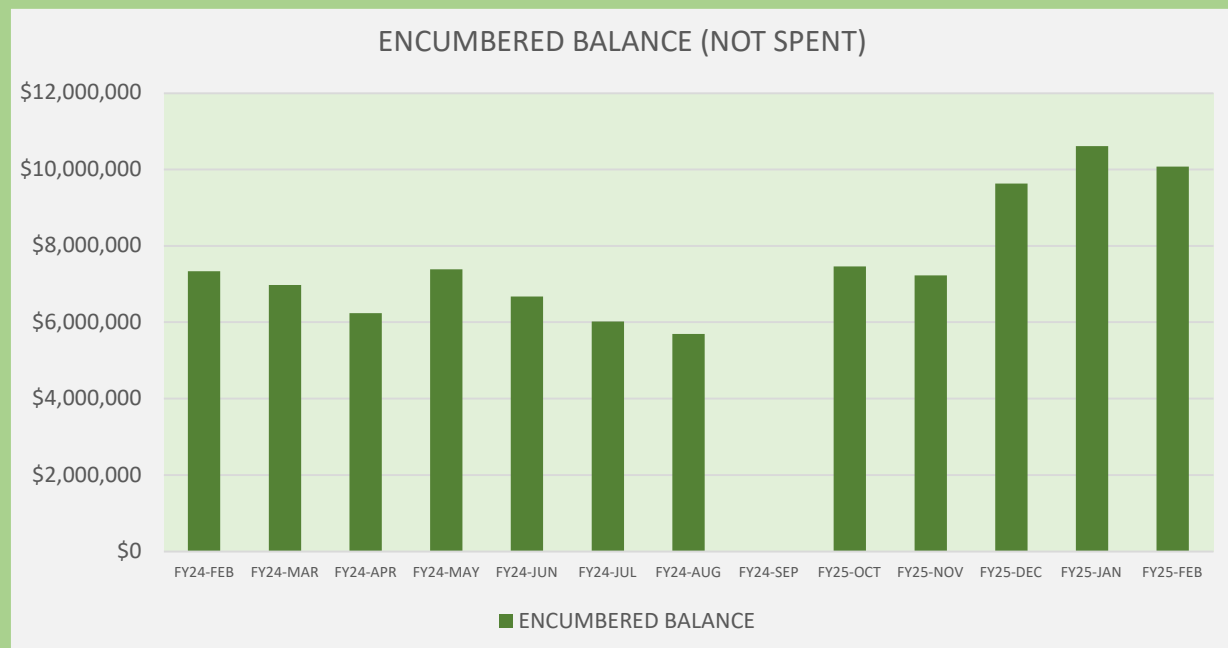
Dr. Matt H. Rostock
BOARD MEMBER

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
Baxter & Woodman	A Structure and B Structure Rehabilitation	AR	74	0	09/18/25	Bid advertisement is expected by 6/19/25.
Baxter & Woodman	Anaerobic Selector Zone Pilot Testing and Process Blower Improvements	BP	49	0	07/09/26	3/31/25 - Begin shop drawing reviews. 4/14/2025 - Shop drawing approvals. 9/1/25 - Installation begins.
Baxter & Woodman	Headworks Rehabilitation	AR	74	0	09/18/25	Bid advertisement is expected by 6/19/25.
Baxter & Woodman	IQ518 Electrical and IC Upgrades	SP	31	-20	11/19/25	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 200 Rehabilitation and Upgrades	SP	31	0	07/30/25	Draft submittal due on 5/26/25.
Baxter & Woodman	Lift Station Control Panel Replacement and Telemetry	RT	0	0	02/18/27	District and B&W to have a meeting to discuss moving the bidding up from June 2025.
Baxter & Woodman	Vacuum Truck Dump Facility	JH	28	-12	09/26/25	75% due 3/13/25. Review meeting by 3/27/25.
Carollo	Wastewater Utility Risk and Resilience Assessment	AG	55	0	07/31/25	2/1-2/28 Carollo led the 2/26 Project Progress Review Meeting to review preliminary risk results for LRD input prior to the forthcoming risk results workshop in March.
HCE	Country Club Drive Cascading System	MP	0	0		
HCE	Lift Station 050 Emergency Generator	CM	31	0	01/20/26	<p>**COMPLETED:** Reviewed electrical submittal and pre-construction video. Currently reviewing resubmittal of piping and valves.</p> <p><<<<=====>>>></p> <p>**UPCOMING:** Contractor to submit shutdown and bypass plan for approval, submit schedule for pay app 1.</p>

1. % Complete: % complete of project based on the project duration.

2. Finish Variance: Project schedule variance based on the difference between the current approved schedule and the actual schedule.

3. Finish Date: The current finish date based on the actual schedule

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
HCE	Lift Station 082 Conversion	MP	93	14	03/05/25	<p>**COMPLETED:** Generator sub tank inspected by ACF <<<<=====>>>></p> <p>**UPCOMING:** FPL power restoration, final gen tank certs, gen handrail install, Pay App 6, Startup, removal of bypass system, final restoration (landscaping, asphalt, etc.)</p>
HCE	Lift Station Cellular Telemetry	PV	83	0	06/04/25	<p>**COMPLETED:** <<<<=====>>>></p> <p>**UPCOMING:** Continue Field Setup, fix LS-193 outstanding issues, final punchlist. Update SCADA to remove ft display.</p>
KCI	20 Acre Site Remediation	TM	48	127	01/08/26	<p>SFWMD RAI issued 2/7/25 & PBC comments issued 2/12/25 both raising new requirements, responses drafted. KCI submitting amendment on 3/12/25. Anticipated schedule change made in SharePoint. Resubmittal to SIRWCD made on 3/10/25.</p>
Kimley-Horn	AC Force Main Replacement - A1A	SS	61	-91	01/15/26	Waiting on LRD 100% comments. Revising plans per PBC permit comments.
Kimley-Horn	County Line Road Utility Relocations	SS	33	-10	11/07/25	bid opening
Mock-Roos	Loxahatchee River Subaqueous Force Main Replacement	JC	54	132	12/02/25	FEC Permitting Issuance and Construction NTP.

1. % Complete: % complete of project based on the project duration.
2. Finish Variance: Project schedule variance based on the difference between the current approved schedule and the actual schedule.
3. Finish Date: The current finish date based on the actual schedule

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	2500 Jupiter Park Drive Site Improvements	KD	31	56	04/17/25	RFQ Advertised by 11/21/2024 with Award at February 2025 Board.
LRD	2966 Jamaica Drive	CJ	100	0	01/21/25	COMPLETE
LRD	Administration and Operations Fire System	JP	68	396	10/16/25	Review of quotes in process. Anticipate presenting at the April 17 Board meeting and PO issuance on 4/18/25.
LRD	Administration Bathroom Renovation	JP	100	0	02/07/25	COMPLETE
LRD	Aeration Basin Fine Bubble Diffuser Replacement	JP	0	0	03/30/27	Project to be delayed until completion of Anaerobic Selector project on 7/9/26. Updated project start date to 8/3/26.
LRD	Aeration Basin Influent Gate Operator	JP	74	0	07/02/25	PO issued 2/7/25 with 12-14 week lead. Estimated ship date of 5/16/25.
LRD	Australian and Palm Garden Manhole Adjustments	CJ	66	49	05/18/25	Pre-construction meeting held with Felix on 1/28/25
LRD	Blower Building Intake Louver Replacement	JP	52	471	11/13/25	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	Clarifier 4 Rehabilitation	JP	30	35	03/09/26	Ovivo proposal approved at January 2025 Board meeting. Contract, with Rider, executed on 3/3/25 and PO issued on 3/4/25.
LRD	Data Sonde	BH	100	-61	03/30/25	Finalize asset assimilation.
LRD	Disaster Recovery Site Setup	JC	10	206	02/23/25	Consultant will deliver a recommendation for purchase post-meeting on 2/28/2025
LRD	Door Access Control Replacements	JC	82	57	01/30/25	Gate #3 and Maintenance to be done next. CL2 before end of the month
LRD	Emergency Notification System	JP	73	-92	04/30/25	Installation of interior devices complete. Week of 2/3/25, Joe Chung met with low voltage contractor to review pricing for installation of exterior devices.

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3. Finish Date: The current finish date based on the actual schedule

Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	Engineering Services Offices	CJ	18	57	01/21/26	PO issued to Contractor for fiber / electrical work. Pre-construction meeting scheduled for 3/6/25.
LRD	Front End Loader Replacement	JP	100	0	01/17/25	COMPLETE
LRD	Headworks H2S Monitor - Odor Control System Improvements	JP	71	24	04/22/25	Lead time estimated at 2-3 weeks or 2/14/25. Actual lead time was 4 weeks. Equipment delivered on 2/21/25.
LRD	Indian Hills Low Pressure Sewer System	CJ	43	47	07/19/25	Martin County will not issue permit without approved MOT in place. Updated LP General Services contract to be awarded at March 2025 Board Meeting
LRD	IQ518 Pump Rebuilds	JN	99	-112	02/17/25	Schedule reinstallation of IQ518-P5.
LRD	JILNOA FPL Pole Removal	KD	100	0	02/28/25	COMPLETE
LRD	Lift Station 050 Collection System Rehabilitation	CJ	100	0	01/28/25	COMPLETE
LRD	Lift Station 081 Rehabilitation	CJ	80	15	04/28/25	Substantial completion reached. Project in closeout.
LRD	Lift Station 148 Rehabilitation	CJ	59	23	05/22/25	PO issued. Submittals in process with Hinterland.
LRD	Lift Station 152 Rehabilitation	CJ	99	0	03/06/25	Substantial Completion reached. Coordinating for project closeout. Contractor needs to address final punchlist from PBC.
LRD	Lift Station 167 Rehabilitation	CJ	69	0	05/14/25	NTP issued; Substantial Completion scheduled for 3/10/25
LRD	Lift Station 177 Power and Control Panel	CJ	24	0	05/18/26	PO issued and awaiting receipt of submittals from vendor for approval. Delivery is approximately 20-23 weeks following approved submittals per vendor.
LRD	Lift Station 230 Rehabilitation	CJ	100	0	02/18/25	COMPLETE
LRD	LP1260 Rehabilitation	CJ	14	0	04/29/25	
LRD	Main Generator 1 Enclosure Replacement	JP	0	0		Project rescheduled with 2500 Jupiter Park Drive Site Improvements - Phase 1
LRD	Mini Excavator	CJ	100	0	02/18/25	COMPLETE

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Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	Network Hardware Replacement - LS001, LS200, IQ518	JC	81	-215	12/18/25	MLS to be installed. Date to be determined
LRD	New Ford Transit - Reuse	JP	89	0	04/25/25	Delivery of vehicle pending.
LRD	Plant Lift Station 001 Control Panel Replacement	JP	45	83	09/30/25	B. Ward in the process of preparing work scope to secure proposal from Hinterland for installation services. Schedule updated (+83 days) based on completion of installation prior to 9/30/25 end of FY25.
LRD	Portable Equipment Anchoring	CJ	100	0	01/16/25	COMPLETE
LRD	Portable Generator Replacement	JN	37	0	10/03/25	See Tab 5F of the February 2025 Notebook
LRD	Portable Pump Replacement	JN	28	0	10/03/25	PO Issued on January 6, 2025.
LRD	River Center Passenger Van	JP	43	0	10/18/25	Delivery date provided by vendor. Delivery scheduled for September 2025.
LRD	San Palermo IQ Point of Connection	CJ	16	119	02/11/26	Final design and invoice submittal from FPL for electric service.
LRD	Science Center at JILONA	KD	19	63	09/08/26	Demolition, Electrical, Plumbing and Mechanical Sheets.
LRD	Server Life Cycle Replacement	JC	68	238	04/30/25	Migrate RiverKeeper and Hach WIMS databases
LRD	Sludge Polymer Make Up System	JP	47	13	08/12/25	PO Issued 1/9/25. Shop drawing review completed 1/31/25. Estimated lead time of 10 weeks or 4/11/25.
LRD	Sludge Storage Tank Fine Bubble Diffuser Replacement	JP	0	0	02/03/27	Project to be delayed until completion of Anaerobic Selector project on 7/9/26. Updated project start date to 8/3/26.
LRD	Trailer Caddy	JP	61	-108	06/07/25	PO Issued on 2/27/25. Equipment manufacturing and delivery in process.
LRD	Unit 14 Replacement - Construction	JP	82	0	04/24/25	Delivery of vehicle pending.
LRD	Unit 21 Replacement - Wild Pine Lab	JP	100	0	11/21/24	COMPLETE
LRD	Unit 24 Replacement - Engineering	JP	100	0	12/20/24	COMPLETE

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Company	Project	PM	% Complete	Finish Variance	Finish Date	UpcomingTask/Submittal
LRD	Unit 25 Replacement - Ops Admin	JP	100	0	11/28/24	COMPLETE
LRD	Unit 26 Replacement - Collections	JP	100	0	02/21/25	COMPLETE. Paid 2/21/2025
LRD	Unit 27 Replacement - Reuse	JP	29	0	01/07/26	Delivery date provided by vendor. Delivery scheduled for December 2025.
LRD	Unit 29 Replacement - Collections	JP	29	0	01/06/26	PO issued 11/25/24. Delivery of vehicle pending.
LRD	Unit 63 - New F550 Crane - Construction	JP	38	0	12/24/25	Delivery date provided by vendor. Delivery scheduled for November 2025.
LRD	WWTP Electrical Upgrades - Phase 1	JP	94	268	03/25/25	Quotes previously requested from Hinterland. Submission of quote is delayed. Schedule previously adjusted assuming quote submitted by 3/2/25 and presentation at March 2025 Board meeting.

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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., Executive Director
FROM: Kris Dean, P.E., Deputy Executive Director
Courtney Jones, P.E., Director of Engineering
DATE: March 20, 2025
SUBJECT: Engineering Services Report

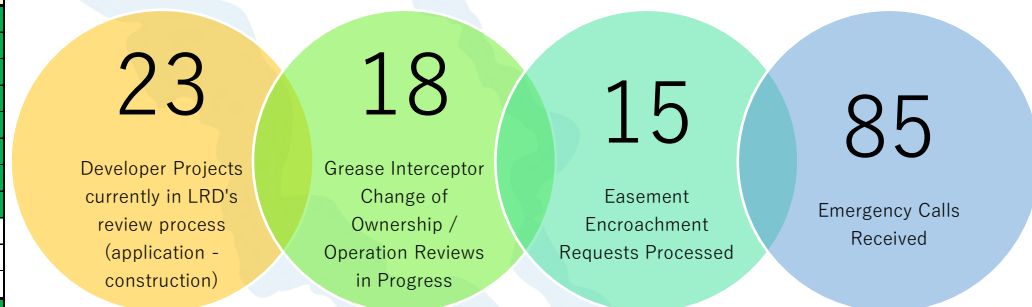
Engineering Administration:

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

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

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

Developer Response Time	
Month-Year	Average Response Time (Days)
February-24	1.19
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
12-MONTH AVERAGE	1.70



February 2025

KPI Metrics:

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

Gordon M. Boggie
CHAIRMAN

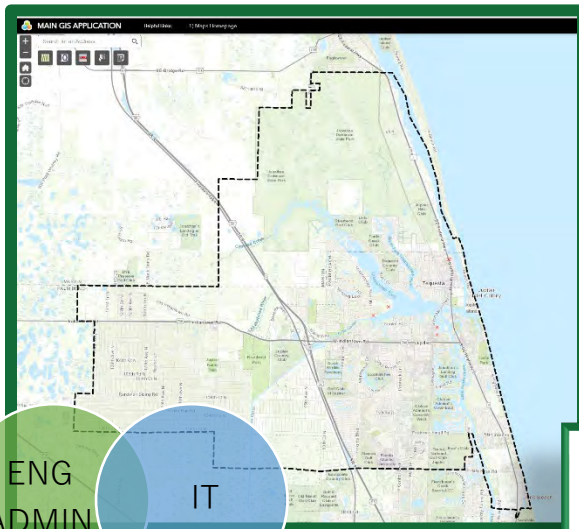
Kevin L. Baker
BOARD MEMBER

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
February-24	68
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
12-MONTH AVERAGE	49

KPI Metrics:

	≥ 20
	15 < REDLINES ≤ 19
	> 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)
February-24	607	0.71
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
12-MONTH AVERAGE	733	0.71

KPI Metrics:

	< 2.75 days
	≤ 2.9 days
	> 2.9 days

Engineering Construction:

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

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



Project Highlight

Engineering utilized general services contractor, Hinterland Group, Inc., to perform rehabilitation of Lift Station No. 081.

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

Reuse staff are currently collecting the required data for installation of arc flash labels on the required reuse assets.



WARNING

Arc Flash and Shock Risk
Appropriate PPE Required

Red Lights / Emergency Call Response:

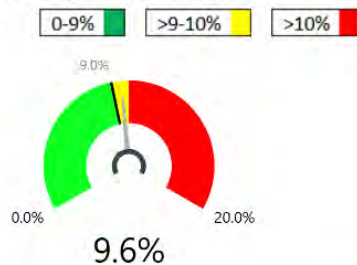
This month the wastewater collections / transmission system experienced 49 total red lights. 18 lift station red lights (with 5 stations experiencing multiple red light events) and 23 low pressure red lights (with 3 stations experiencing multiple red light events).

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

February 2025

% LRD Related Red Lights at Lift Stations



23

WO for LS Red Lights

18

LS Red Lights

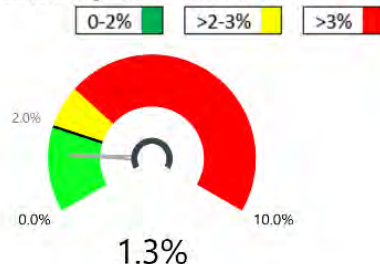
212

LS w/ No Red Light Alarm

5

LS w/ Multiple Occurrences

% LRD Related Red Lights at LP Stations



26

WO for LP Red Lights

23

LP Red Lights

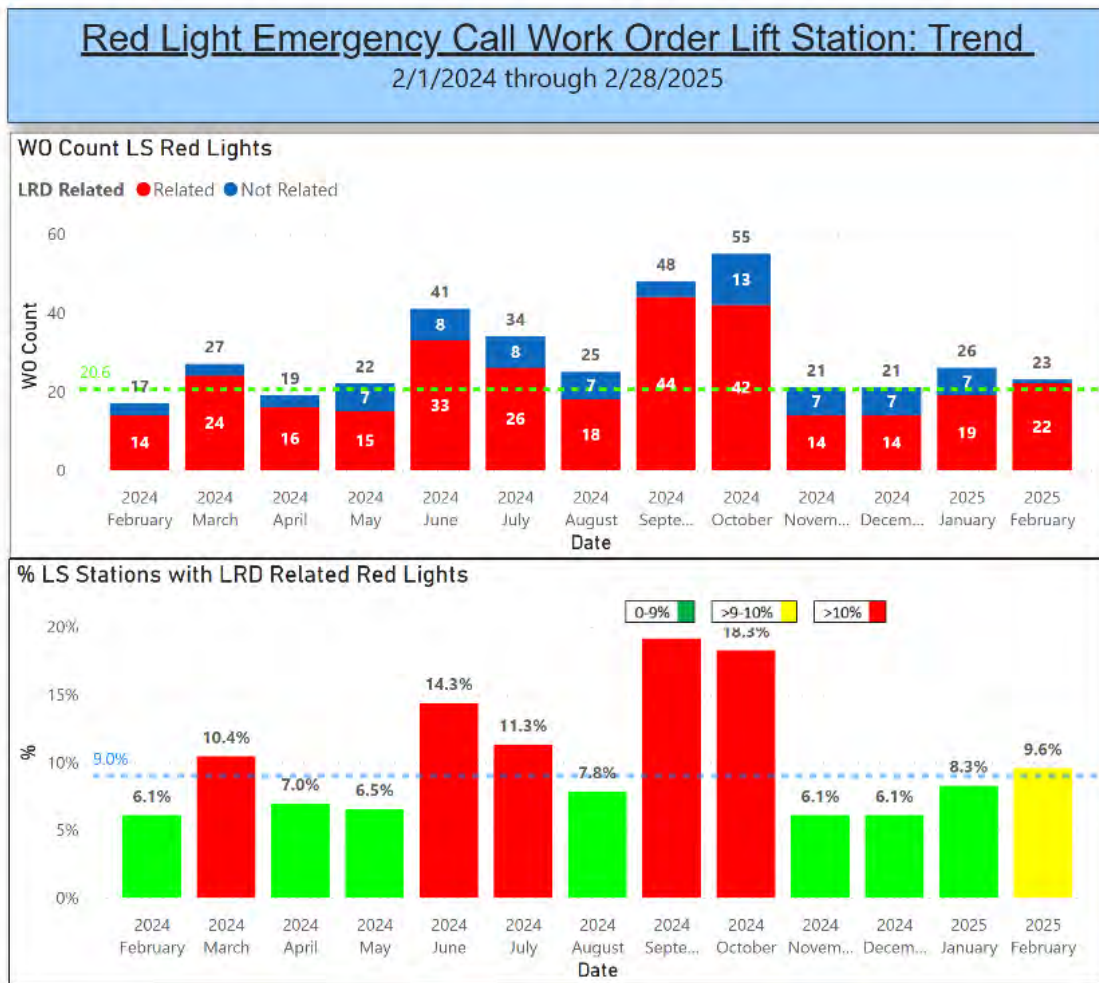
1611

LP w/ No Red Light Alarm

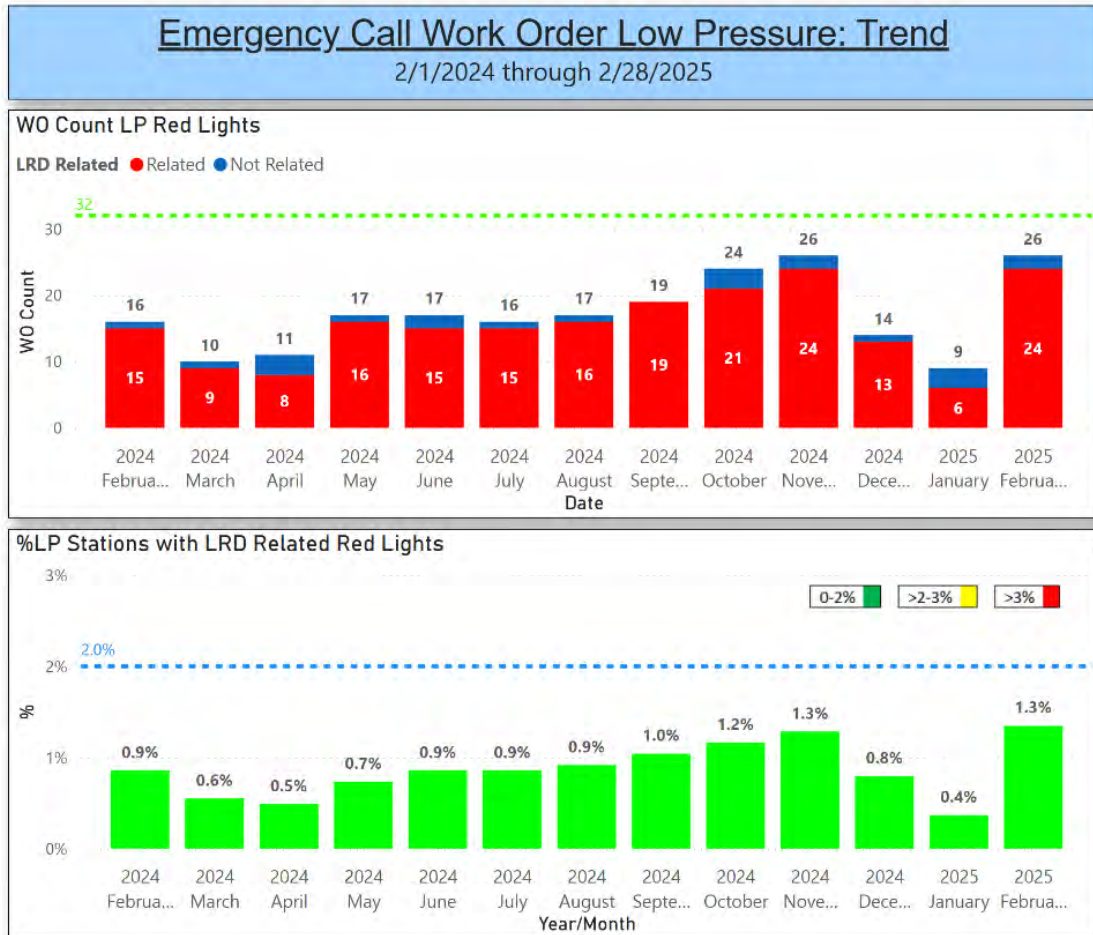
3

LP w/ Multiple Occurrences

Of the wastewater lift stations within the District's service area, 9.6% of these lift stations experienced a LRD related red light in February 2025 as compared to 6.1% in February 2024.



Of the low-pressure stations within the District's service area, 1.3% of these low-pressure stations experienced a LRD related red light in February 2025 as compared to 0.9% in February 2024.



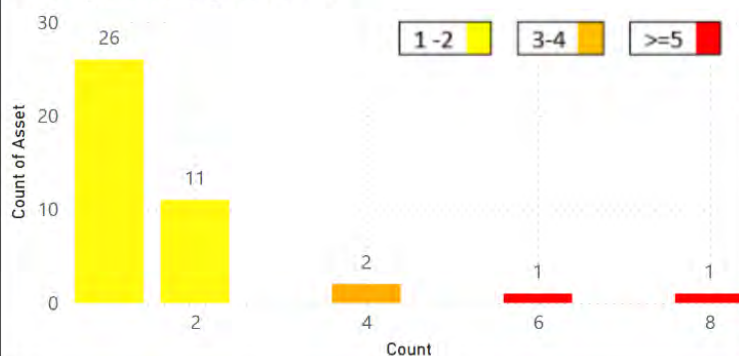
Over the past 3 month period, there were 41 lift station red lights in total with 15 lift stations experiencing multiple red lights and 189 lift stations experiencing 0 red lights. Additionally, there were 49 low-pressure station red lights with 3 low-pressure stations experiencing multiple red lights and 1,588 low-pressure stations experiencing 0 red lights.

Lift Station No. 092 (400 N A1A) experienced 8 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 6 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.

Red Light Emergency Call Work Orders Dashboard December 2024 through February 2025

LS by # Red Light Alarms



70

WO for LS Red Lights

41

LS Red Lights

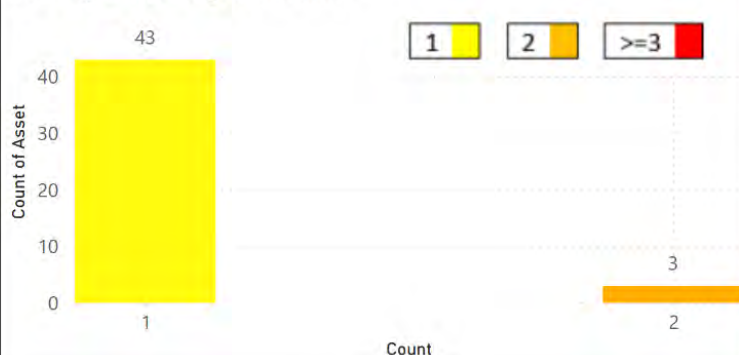
189

LS w/ No Red Light Alarm

15

LS w/ Multiple Occurrences

LP by # Red Light Alarms



49

WO for LP Red Lights

46

LP Red Lights

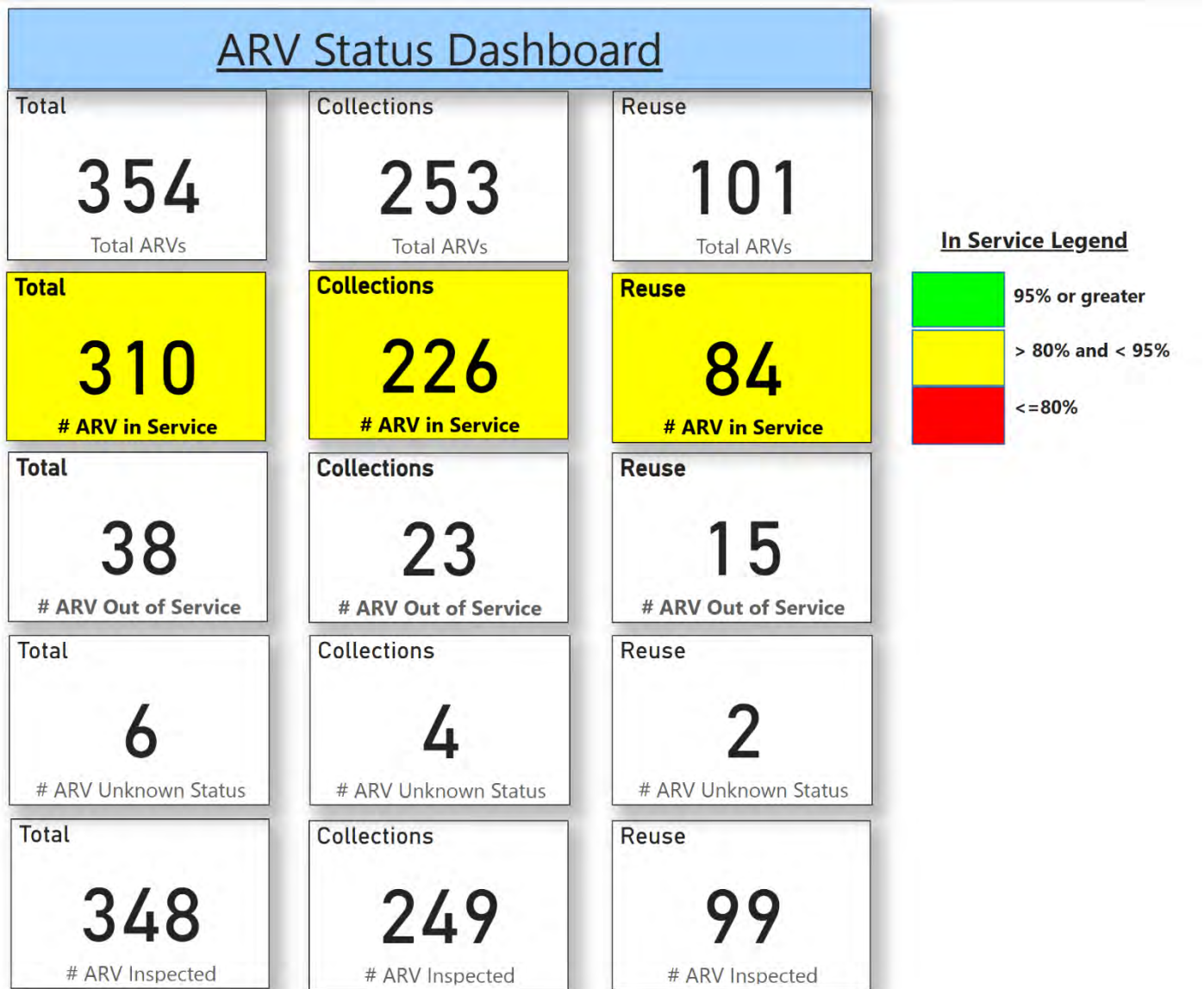
1588

LP w/ No Red Light Alarm

3

LP w/ Multiple Occurrences




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

February 2025 through February 2025

5 # LS WW PM Monthly	1 # Wells	2 # Wells	2 # Wells	Wet Well Cleaning Schedule Legend  Potential Under Cleaning  Cleaning Schedule Ideal  Potential Over Cleaning
5 # PMs Completed				
4 # LS WW PM Bi-Monthly	2 # Wells	2 # Wells	0 # Wells	
4 # PMs Completed				Score Calculation Grease, Sand/Grit, and Rags scoring aggregate where: Light = 1 Medium = 5 Heavy = 9 Green: 7-11 Red > 11 Yellow < 7
4 # LS WW PM Quarterly	2 # Wells	1 # Wells	1 # Wells	
4 # PMs Completed				
4 # LS WW PM Semi-Annually	1 # Wells	3 # Wells	0 # Wells	
4 # PMs Completed				
0 # LS WW PM Annually	0 # Wells	0 # Wells	0 # Wells	
0 # PMs Completed				
17 # PMs Completed	6 # Wells	8 # Wells	3 # Wells	

Unauthorized Discharges: There were 2 unauthorized discharges in the collection-transmission & reuse-distribution system this month. A total of 51 gallons resulted from all 2 discharges combined and there were no impacts to surface waters.

01 - LPE006-WW 50 gal failed level element Body Ct 02-08-2025

02 - LP0375-LPS1 1 gal Contractor incorrect Cut & Cap SE Federal Highway 02-14-2025

Unauthorized Discharge FIELD : KPI

Date	Occurrences	Total Gallons	Impacting Surface Waters
February 2024	5	2,405	1
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
Total	42	8,171	1

Date	Occurrences	Total Gallons	Impacting Surface Waters
February 2024	1	900	1
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
Total	5	1,341	1

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

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: Jason A. Pugsley, P.E., Operations – Plant Manager

DATE: March 14, 2025

SUBJECT: February 2025 Operations Department Monthly Report

Treatment Plant Monthly Performance Summary

Overall, the month of February was productive with all monthly reports prepared and submitted on time. There were no permit exceedances this month. This was the forty-sixth (46) consecutive month without a permit exceedance. 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 we saw positive trends in key process performance metrics including solids retention time (SRT), ammonia conversion, sludge yield and sludge volume index (SVI). The plant did not experience any unauthorized discharges during the month of February.



Gordon M. Boggie
CHAIRMAN

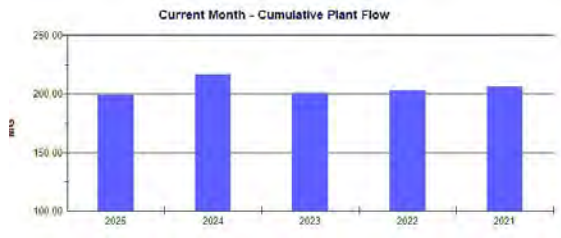
Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

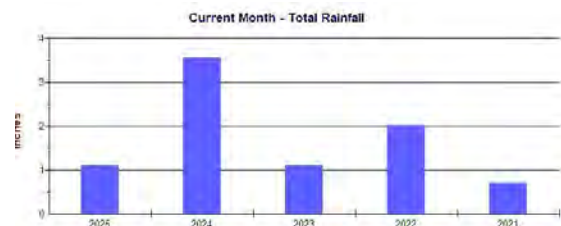
Dr. Matt H. Rostock
BOARD MEMBER

Water Reclamation – Environmental Education – River Restoration

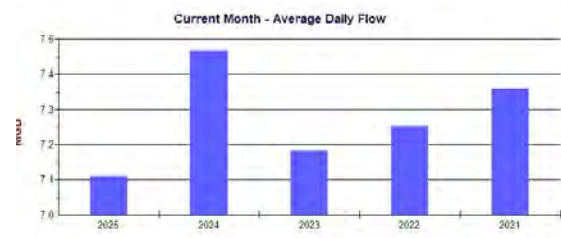
Graphical summaries of the plant flows and rainfall during the month of February, including comparisons with plant flows during the previous month (i.e., January 2025), are presented below.



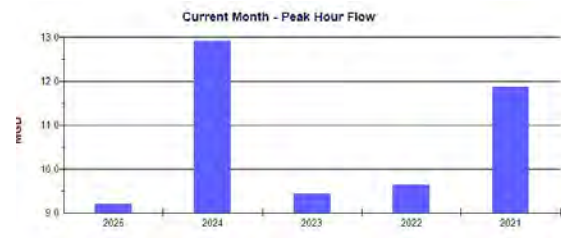
The Cumulative Influent Flow to the plant for the month of February was 199.05 million gallons. This is less than the January flow of 220.22 million gallons.



1.10 inches of total rainfall was recorded at the plant site during the month of February. This is less than the January rainfall recorded of 1.51 inches.



The Average Daily Flow (ADF) for the month of February was recorded at 7.11 MGD which is nearly identical to the ADF recorded during the month of January of 7.10 MGD and less than the February 2024 ADF of 7.47 MGD.

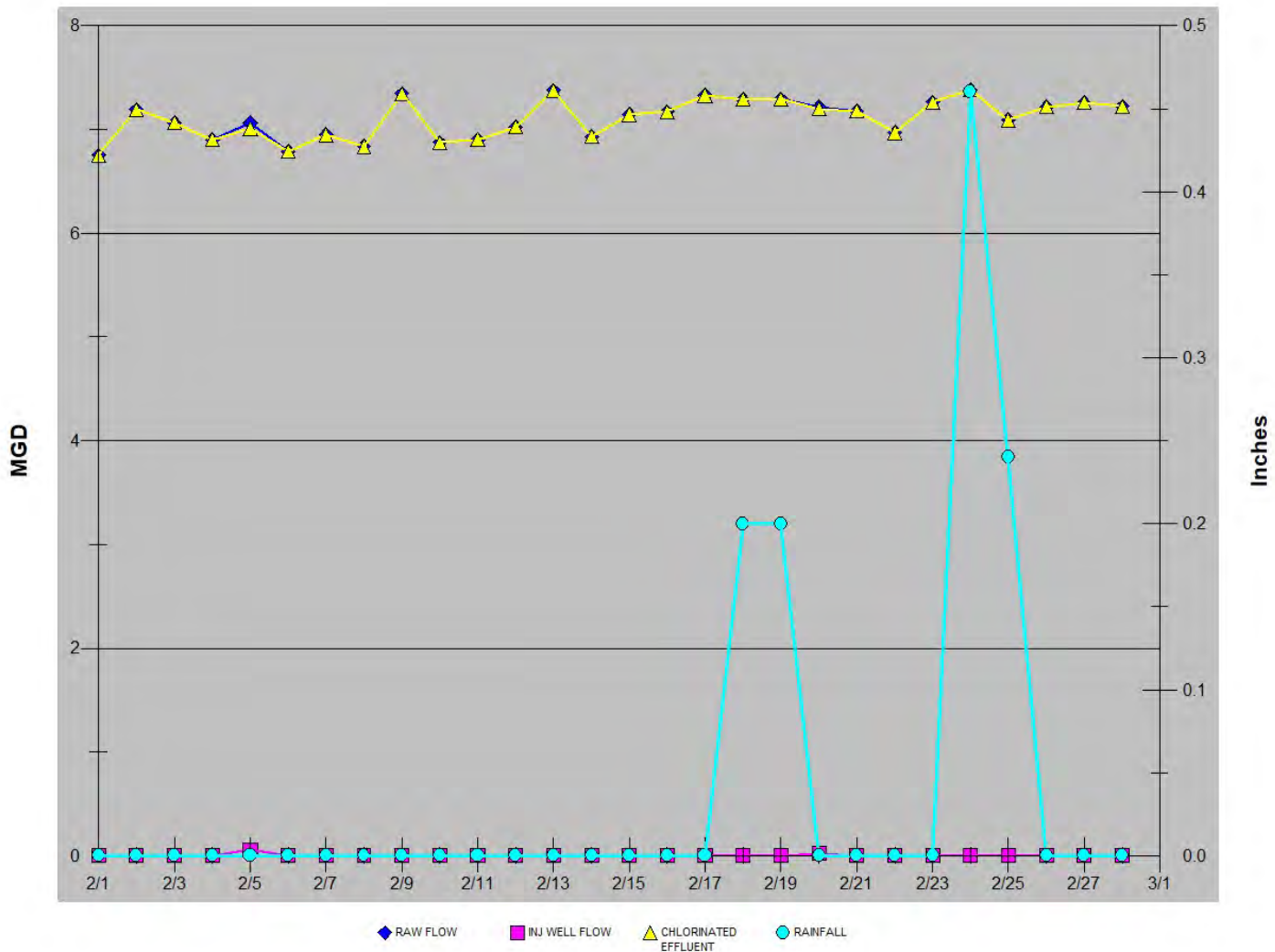


The Peak Hour Flow (PHF) for February was 6,389 GPM which equates to an equivalent daily rate of 9.20 MGD. This is on the same order of magnitude of the PHF for January of 6,319 GPM (9.10 MGD).



The Maximum Daily Flow (MDF) in February was 7.38 MGD. This is slightly less than the MDF for January of 7.48 MGD.

For the month of February, 99.96% or 198.97 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 0.08 MG of blended effluent was diverted to the deep injection well for disposal. The plant delivered a total of approximately 210.75 million gallons of IQ water to the reuse customers during the month of February.




Year to date (i.e., Calendar Year 2025), approximately 87.37% 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 393.53 million gallons.

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

LOXAHATCHEE RIVER DISTRICT OPERATIONS DASHBOARD



	Plant										Pre-Treatment	IQ	
	Percent of Plant Capacity	SRT, MAvg	Aerbay NH3, MAvg	Sludge Yield, MAvg	Sludge Volume Index, MAvg	Secondary Treatment Performance	Permit Exceedance	CE CL2 Usage, MAvg	Dewatered Biosolids Cake, MAvg	IQ511 WW LSI	Grease Interceptor Inspections	NANO Blend	
	Benchmark / Customer Expectation	Mean Daily Incoming Flow	day(s)	% Reduction	lbs WAS/lbs cBOD	mL/g	Mean Clarifier TSS	# days	lbs CL2/MG	% Solids	Index	% requiring pump out	Max Specific Conductance (umhos/cm)
	Green Level	≤ 70%	≥0.9 - ≤1.1	≥30 - ≤40	≥0.3 - ≤0.8	≤ 200	< 10	Zero	≤ 85	≥14.5	≥-0.3 - ≤0.3	<15	<1298
	Yellow	≤ 80%	≥0.8 - ≤1.2	≥25 - ≤45	≥0.2 - ≤1.0	≤ 250	< 15		≤ 100	≥13.5	≥-0.6 - ≤0.6	≤25	≤1578
	Red	> 80%	<0.8 - >1.2	<25 - >45	<0.2 - >1.0	> 250	≥ 15	≥ 1	> 100	<13.5	<-0.6 - >0.6	>25	>1578
	2022 Baseline	64.54%	0.95	33.08	1.08	209	8.3	0.00	77.41	14.68	0.13	16	1294
	2023 Baseline	62.90%	0.92	33.78	0.98	246	8.5	0.00	76.54	15.57	0.52	13	1296
	2024 Baseline	63.39%	0.94	31.56	0.80	253	7.8	0	79.40	15.59	0.38	14	1136
	2024	Feb	67.47%	0.85	28.50	0.73	216	10.6	0	76.68	15.68	0.64	15
	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
Consecutive Months at Green		130	0	0	0	0	0	46	1	26	0	2	21
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.

NH3 Conversion

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 improved from the prior month, which is believed to be attributable to the plant stabilizing after the detrimental effects of taking clarifier four offline and brining clarifier three online.

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 mats which result in sludge bulking which reduces sludge settleability. The most effective means to address the development and propagation of filamentous organisms with the current treatment process used at the District's WWTP is to chlorinate the return activated sludge (RAS) prior to reintroduction of the RAS into the aeration basins. This chlorination process results in the significant degradation or eradication of these organisms and therefore improves sludge settleability. Operators applied chlorine to the RAS five (5) times during the month which caused the SVI to improve after dosing.

Mean Clarifier TSS

Secondary clarifier total suspended solids (TSS) was higher than desired due to decreased 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 clarifier four offline and brining clarifier three online.

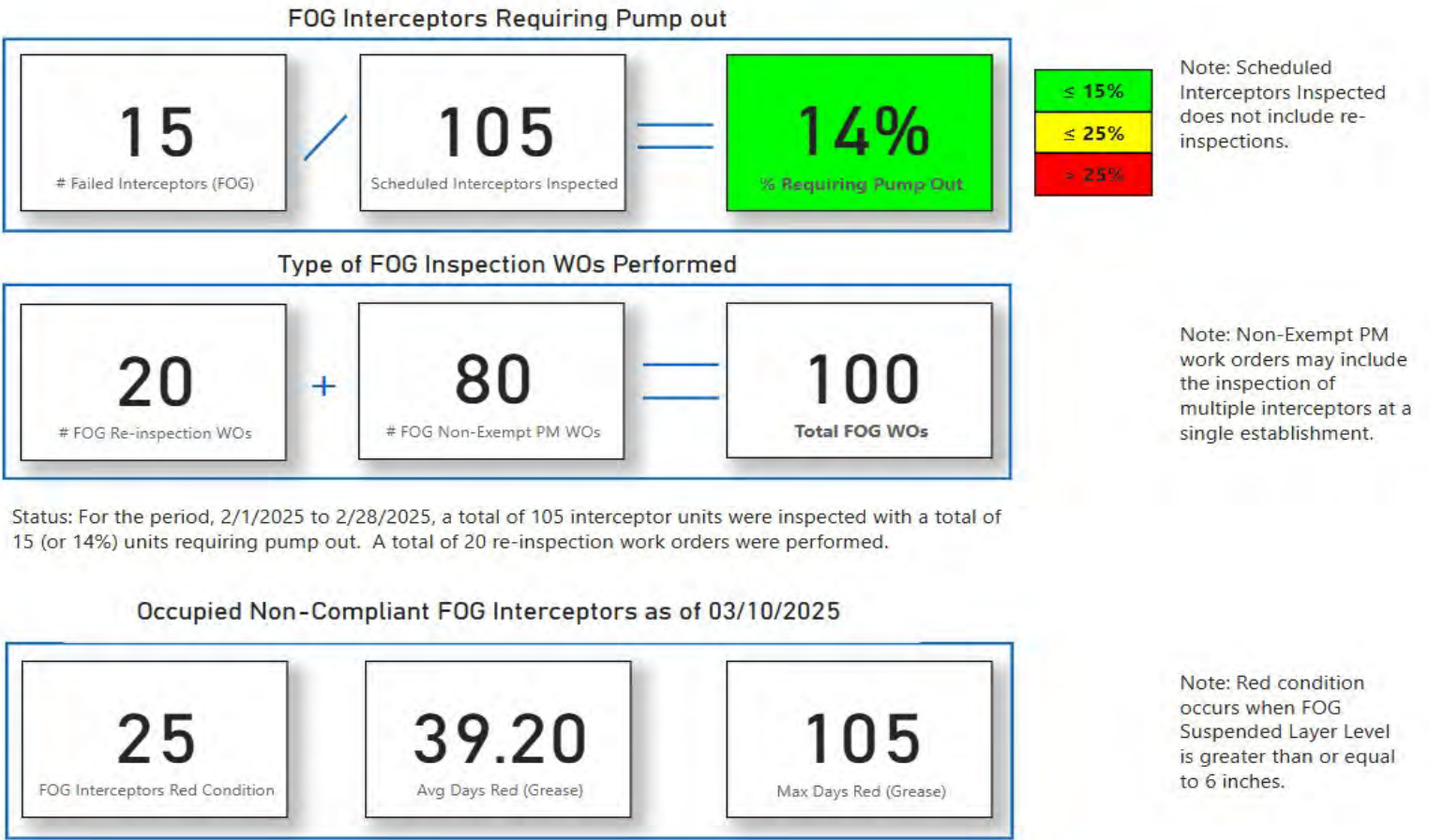
IQ511 LSI

The LSI sample on 2/15/24 was 0.31 for IQ 511 wet well. Based on a review of the data, it appears as if all the LSI values are inline based on process conditions. The LSI remained consistent in the plant from the previous sample event. The increase in the IQ-511 LSI could be contributed to an increase in temperature with heightened levels of calcium. Staff will continue to monitor these values moving forward to determine if there is any correlation between reduced IQ storage flows and an increase in the reported LSI. Note green level is 0.30.

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 2/1/2025 to 2/28/2025



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.

Operations Staff worked with one of the District's consulting engineers to prepare, finalize and submit the documentation required for the renewal of the District's Class I Injection Well System operating permit which is issued and regulated under the Underground Injection Control (UIC) program of the Florida Department of Environmental Protection (FDEP). The existing UIC operating permit was issued on May 27, 2020, and will expire on May 27, 2025 (5-year permit). Chapter 62-528, Florida Administrative Code (FAC) requires all facilities seeking to renew an existing operating permit to submit a permit renewal application, including all required documentation, at least 60 days prior to the expiration of the existing permit. The intent of this submission timeline is to provide adequate time for FDEP to review and process a permit renewal prior to the expiration date of the existing permit. The permit application includes the required documentation to substantiate that the District's will be capable of meeting all operating requirements during the next five-year operating period. The permit renewal application has been submitted to FDEP and is currently in the initial review phase.



Deep Injection Well



Dual Zone Monitor Well

During the month of February, representatives of Florida Department of Environmental Protection (FDEP) performed an in-person audit inspection of the District's wastewater treatment facility (WWTF). The intent of the audit was to confirm that the District is fully compliant with the requirements stipulated in our facility Operating Permit. The results of the inspection indicated that the WWTF was fully compliant with zero noted deficiencies. Based on discussions and feedback from the FDEP representative during the WWTF inspection, the District is, as an agency, held in high regard and viewed as an agency that "does things the right way". This type of feedback from a regulatory agency is invaluable and provides Staff with affirmation that all their hard work is recognized by others, outside the District.

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.

Operations was having intermittent operational issues with the performance and reliability of one of the two process air, positive displacement blowers dedicated to the biosolids storage tank. During this period the Maintenance Team replaced multiple failed drive belts and addressed significant operational noise. After multiple attempts to resolve the issue, Staff replaced the blower with an uninstalled spare blower which is maintained in inventory. The blower replaced will be sent off to the manufacturer for inspection and repair. Staff was able to complete the blower replacement without any unscheduled downtime.



Biosolids Storage Tank – Process Air Blower Replacement

The Maintenance Team worked closely with Gardner Denver to perform the annual inspection and preventative maintenance of the process air blowers dedicated to the aeration basins. These blowers are significant assets which could easily be considered the most critical assets to the activated sludge treatment process. A total of four (4) multi-stage centrifugal type blowers supply process air to the aeration basins. There are a total of three (3) 300-HP “main” blowers and one (1) smaller 200-HP “jockey” blower in service at the WWTF. The main blowers supply the majority of the air to the aeration basins. The jockey blower functions as a “swing” blower which is used when oxygen demands are below the operating range of a single main blower unit. The process air system was designed based on the oxygen demand required at the treatment plant design capacity with one of the main blowers out of service. Under this scenario, the oxygen demand could be met with the smaller blower and two (2) larger blowers. The District also maintains one (1) spare main blower, as well as one (1) spare jockey blower in inventory.

As part of the annual service, the manufacturer performs a detailed inspection of critical components and evaluates the operational performance of each blower with specific consideration to operating temperatures, vibrational loads, shaft alignment, electrical loads and imbalances. The blower technician also services the lubrication system and performs a fluid change. Upon completion of the annual service activities, Gardner Denver provides a field inspection report and warranties the unit for the next annual operating period.



Process Air Blower – Annual Inspection and Maintenance

The Maintenance Department consistently looks for opportunities to improve the aesthetics of District assets at the WWTP site. Maintenance Team members recently cleaned, prepared the surfaces and repainted the above grade piping at various locations throughout the WWTP site. These locations included equipment and piping associated with the biosolids feed pump station, Return Activated Sludge (RAS) Pump Station as well as Filter Pump Station No. 1. The periodic inspection and painting of equipment and piping systems ensures that these critical assets are protected from the elements (i.e. weather, sunlight, etc.) and remain in good condition and serviceable for many years.



Filter Pump Station No. 1



RAS Pump Station - Piping



Biosolids Transfer Pumps and Piping

Lastly this month, the Maintenance Team also coordinated with a local contractor during the demolition and repair of rotten wooden decking located at the entry way to the former Busch Wildlife Welcome Center. The building is slated to be repurposed for use by the District's Information Services Team.



Welcome Center Deck Repair – Pre-Work Condition



Welcome Center Deck Repair – Post-Work Condition



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: March 13, 2025
SUBJECT: Information Services Monthly Governing Board Update for February 2025

WildPine Ecological Laboratory

Riverkeeper Project

In February, the lab staff and our partners collected 153 water quality samples from 26 monitoring stations throughout the watershed. A total of 75 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 February 2025 was “Good” with 83% of all samples meeting the EPA/DEP water quality criteria for each site, similar to last month’s “Good” score of 85%, and last year’s February “Good” score of 80% (see score card below). In the midst of the dry season the nitrogen, phosphorus and bacteria scores are all good as rainfall and stormwater flows to the river have decreased.

For the core parameters, *total nitrogen* scored “Good” during February with 92% of sites meeting the water quality criteria. This was lower than last month’s score of 100% and similar to last year’s February score of 91%.

Total phosphorus results scored “Good” in February with 96% of sites meeting the water quality criteria. This was an improvement over last month’s score of 93% and last year’s score of 84%. It has been two years since we have seen phosphorus scores this good.

Chlorophyll results scored “Fair” for the month of February, with 65% of sites meeting the stringent water quality criteria, which was similar to last month’s score of 64%, and better than last year’s “Poor” score of 61% for February.

For the combined *fecal indicator bacteria* (fecal coliforms in all waters, enterococci in marine and brackish waters, and *E. coli* in fresh waters), February results scored “Good” with 81% of sites meeting the water quality criteria, slightly worse than last month’s score of 85%, and last year’s February score of 83%.

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

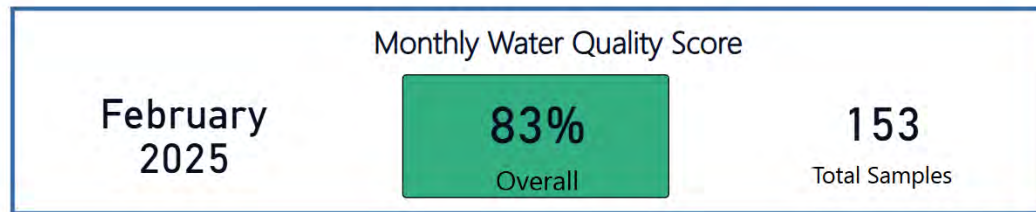
Dr. Matt H. Rostock
BOARD MEMBER

SampDate
2/1/2024 2/27/2025

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%



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

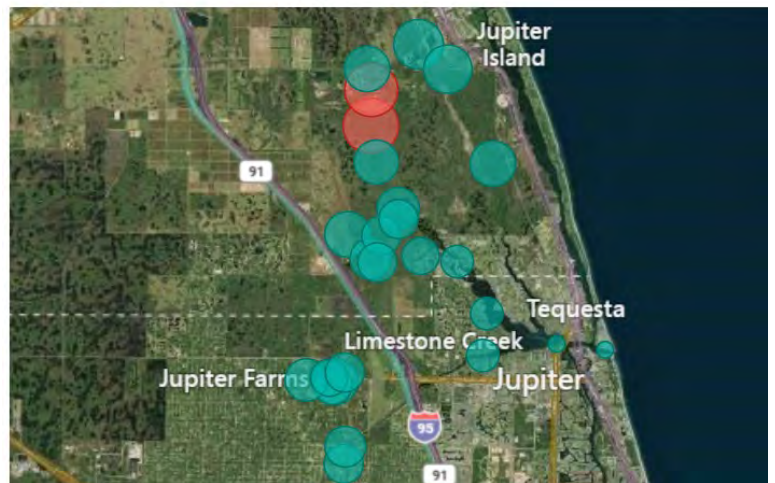
Year	Month	# Samples	Overall Score	# TN Samples	Total Nitrogen Percent Good	# TP Samples	Total Phosphorus Percent Good	# CLA Samples	Chlorophyll Percent Good	# BAC Samples	Bacteria Percent Good
2025	February	153	83%	26	92%	26	96%	26	65%	75	81%
2025	January	155	85%	28	100%	28	93%	28	64%	71	85%
2024	December	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%
2024	February	172	80%	32	91%	32	84%	32	56%	76	83%
Total		2084	74%	380	90%	380	74%	380	52%	944	76%

Spatial Distribution of Water Quality Results

In February, *Total Nitrogen* levels were rated as "good" at 24 out of 26 sites (92%) tested. However, two sites within Jonathan Dickinson State Park scored "poor". These sites, Jenkins Canal (Station 101) and the Kitching Creek Restoration Outfall (Station 111), are shallow ditches that transport water south via the Kitching Creek Road Ditch, eventually flowing into the Northwest Fork of the Loxahatchee River. Station 111, located further upstream, recorded a nitrogen level of 1.8 mg/L, while Station 101, further downstream, recorded a nitrogen level of 2.0 mg/L. The Numeric Nutrient Criteria for these sites is 1.5 mg/L. All other stations were rated as "good."

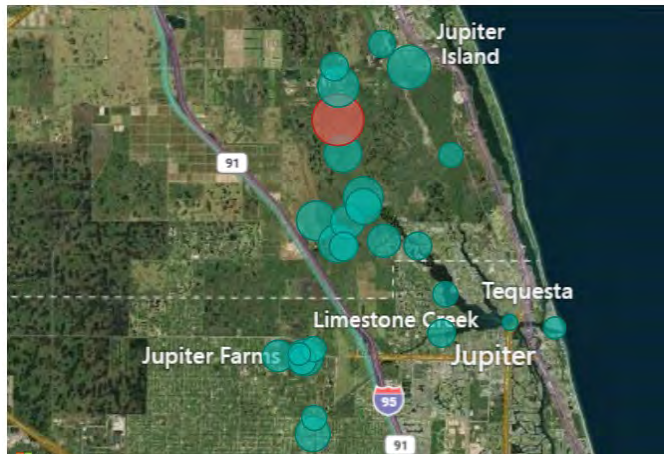
Total Nitrogen (mg/L)

TN_Score ● GOOD ● POOR



Total Phosphorus (mg/L)

TP_Score ● GOOD ● POOR

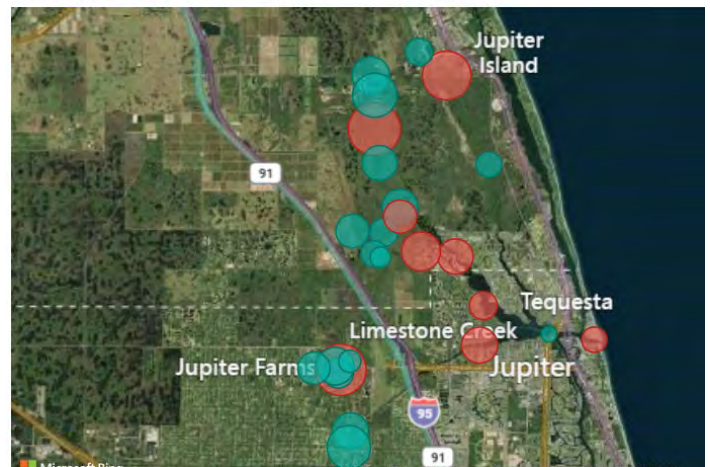


Total Phosphorus scored “good” at 25 out of 26 sites (96%) tested in February. Results continued to improve throughout the watershed this month. Only one site, located in Jonathan Dickinson State Park, scored “poor”. Jenkins Canal (Station 101) recorded a phosphorus level of 0.19 mg/L, exceeding the numeric nutrient criteria of 0.12 for that site. All other stations were rated as “good”.

In February, *Chlorophyll* results met the water quality criteria at 17 of 26 sites (65%). However, two freshwater stations, located in Jonathan Dickinson State Park, exceeded the EPA/DEP Numeric Nutrient Criteria of 20 µg/L and scored “poor”. Jenkins Canal (Station 101) recorded the highest chlorophyll value at 29 µg/L, while the Hobe Hills Outfall (Station 56) also had a “poor” result at 24 µg/L. Additionally, six marine and brackish stations, which have stricter water quality criteria than the freshwater stations, scored “poor”. River’s Edge (Station 107) in the brackish portion of the Northwest Fork had the highest chlorophyll result among these stations, with values ranging from 12 µg/L at River’s Edge (Station 107) to 3 µg/L at the Jupiter Inlet (Station 10).

Chlorophyll a (ug/L)

CHL_Score ● GOOD ● POOR



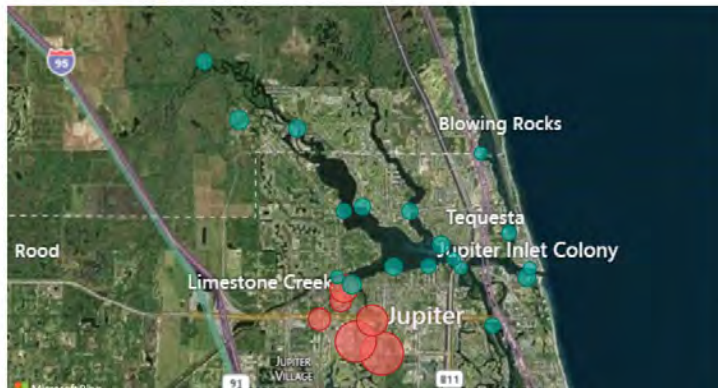
In February, the overall *Bacteria* results scored “good” at 61 out of 75 sites (81%). For Enterococci bacteria, the state’s preferred indicator for salt and brackish waters, six stations scored “poor” compared to the water quality standard of 130 MPN/100mL. These stations were all located in Jones Creek and Sims Creek. The Toney Penna Footbridge site in Jones Creek (TPJ) recorded the highest Enterococci concentration at 3,255 MPN/100mL, an increase from last month’s 932 MPN/100mL. The Caloosahatchee Culvert (CALC) and Indiantown Road Bridge (Station 75) also had concentrations in the thousands. Overall, the stations in Jones Creek averaged 1,825 MPN/100mL, up from last month’s average of 473 MPN/100mL, but still below the peak of 6,272 MPN/100mL recorded in September 2024 during the Town of Jupiter’s vegetation trimming project.

For fecal coliform bacteria, four 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 mouth of Sims Creek (Station 73) had the highest concentration at 4,106 MPN/100mL. In Jones Creek, the Toney Penna Footbridge (TPJ) and Caloosahatchee Culvert (CALC) recorded high fecal coliform levels at 2,014 and 1,274 MPN/100mL, respectively. Overall, the stations in Jones Creek averaged 1,151 MPN/100mL for fecal coliforms, up from last month's average of 367 MPN/100mL.

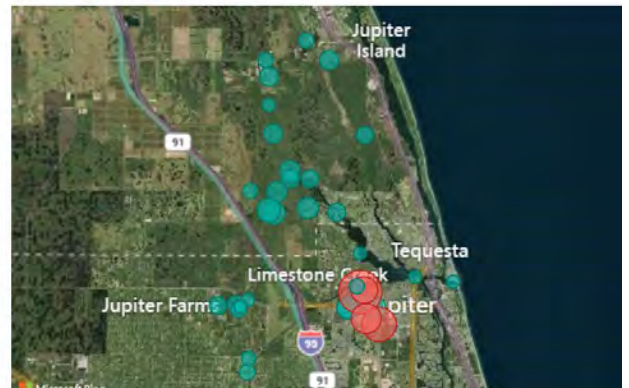
Enterococci Bacteria - Criteria: 130 MPN/100mL

ENT_Score ● GOOD ● POOR

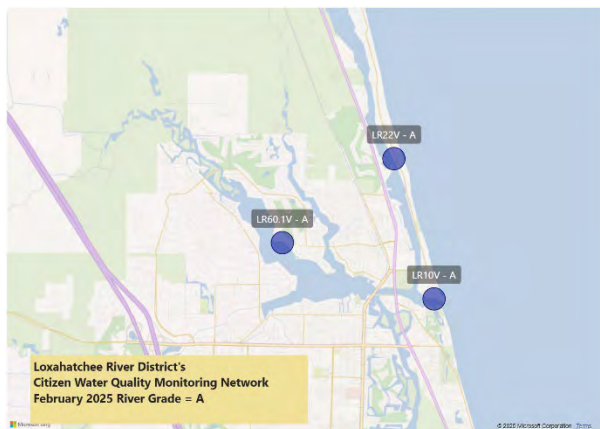


Fecal Coliform Bacteria - Criteria: 800 MPN/100mL

FC_Score ● GOOD ● POOR



Volunteer Water Quality



The Loxahatchee River Citizen Volunteer Water Quality Grade for the month of February remained at an “A” poor water clarity scores at the Indian River Lagoon Site (St. 22). At the beginning of February, during flood tide, the water clarity was over a meter. But later in the month, during ebb tide, water clarity was only 0.3 m, which scored “poor”. All of the other parameters scored “Good” for February.

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	24.3	4.6	36.2	N/A	6.6	96.1	1.0	A	A	N/A	A	A	A	100.0	A
LR22V	24.5	0.6	37.0	8.2	6.2	91.0	1.0	F	A	A	A	A	A	90.9	A
LR60.1V	22.5	0.8	31.7	8.5	5.8	79.8	1.0	A	A	A	A	A	A	93.8	A
Average	23.8													94.6	A

DO (Dissolved Oxygen)

ND (No Data)

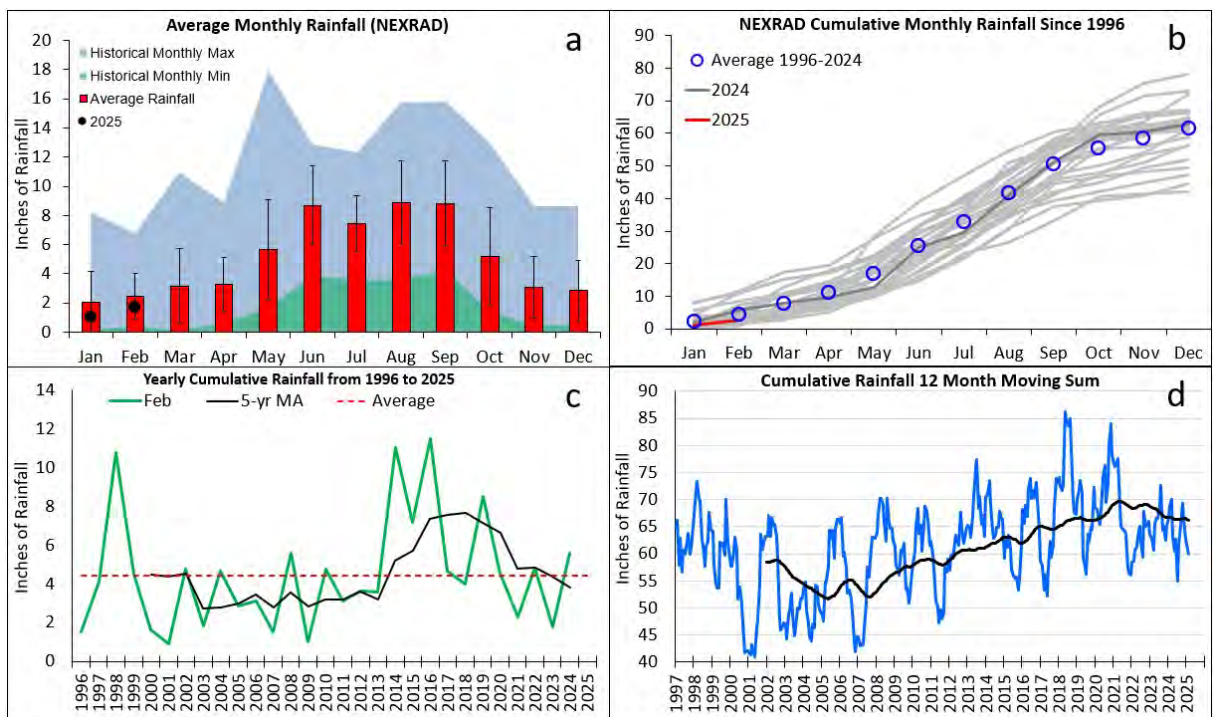
Grade Scale

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

Hydrologic Monitoring

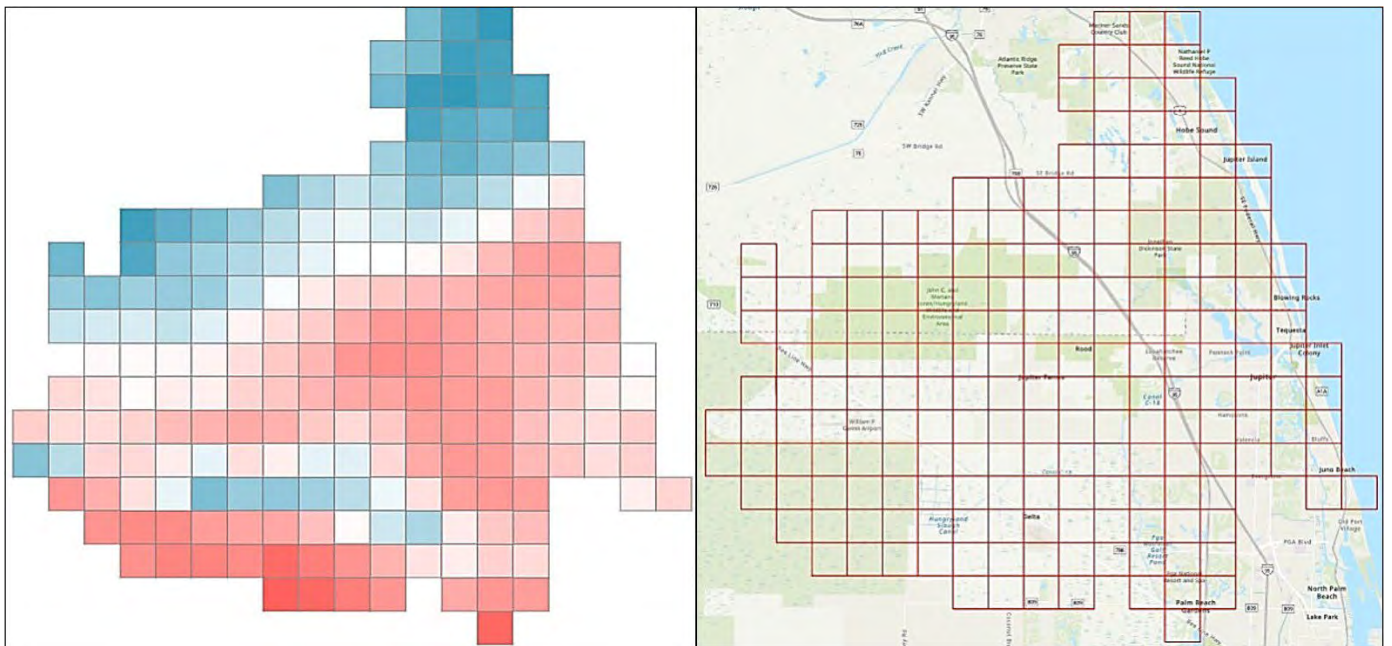
In February, the watershed received an average rainfall of 1.7" (see panel 'a'), about 30% below the historical monthly average of 2.4" for February and about half of the 3.4" recorded last year. Rainfall was observed on 10 out of 28 days, with the highest daily total of 0.9" on February 24. Year to Date cumulative rainfall indicates a slow start to 2025 with a total of only 2.7", well below, or 39%, the average cumulative rainfall through February (panel 'b'). This is in contrast to the same period last year which had a cumulative rainfall total through February of 5.6".

Cumulative trends indicate a general decline in annual rainfall since its peak in 2018, following a decade of increased February rainfall. The 5-year moving average has also been decreasing (see panel 'c'). The 12-month moving sum through February was 59.9", about 13% below the year-over-year moving sum of 68.8" (see panel 'd'). Long-term trends show that total rainfall within the watershed has generally increased since 2012 but since peaking in 2021, has been on a decreasing trend.



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. 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).

Rainfall across the watershed during February ranged from 0.6" in the driest regions to 2.4" in the wettest regions (see figure below). Most of the rain during February tended to fall in the northern portions of the watershed including Jonathan Dickinson State Park and nearby Atlantic Ridge State Park to the northeast, and much of Hungryland Wildlife Conservation Area to the Northwest. The driest regions included the central urban Jupiter areas such as Abacoa and Jupiter Farms, as well as the southern-most areas south of Beeline Hwy such as the Pratt-Whitney facility and Hungryland Slough.



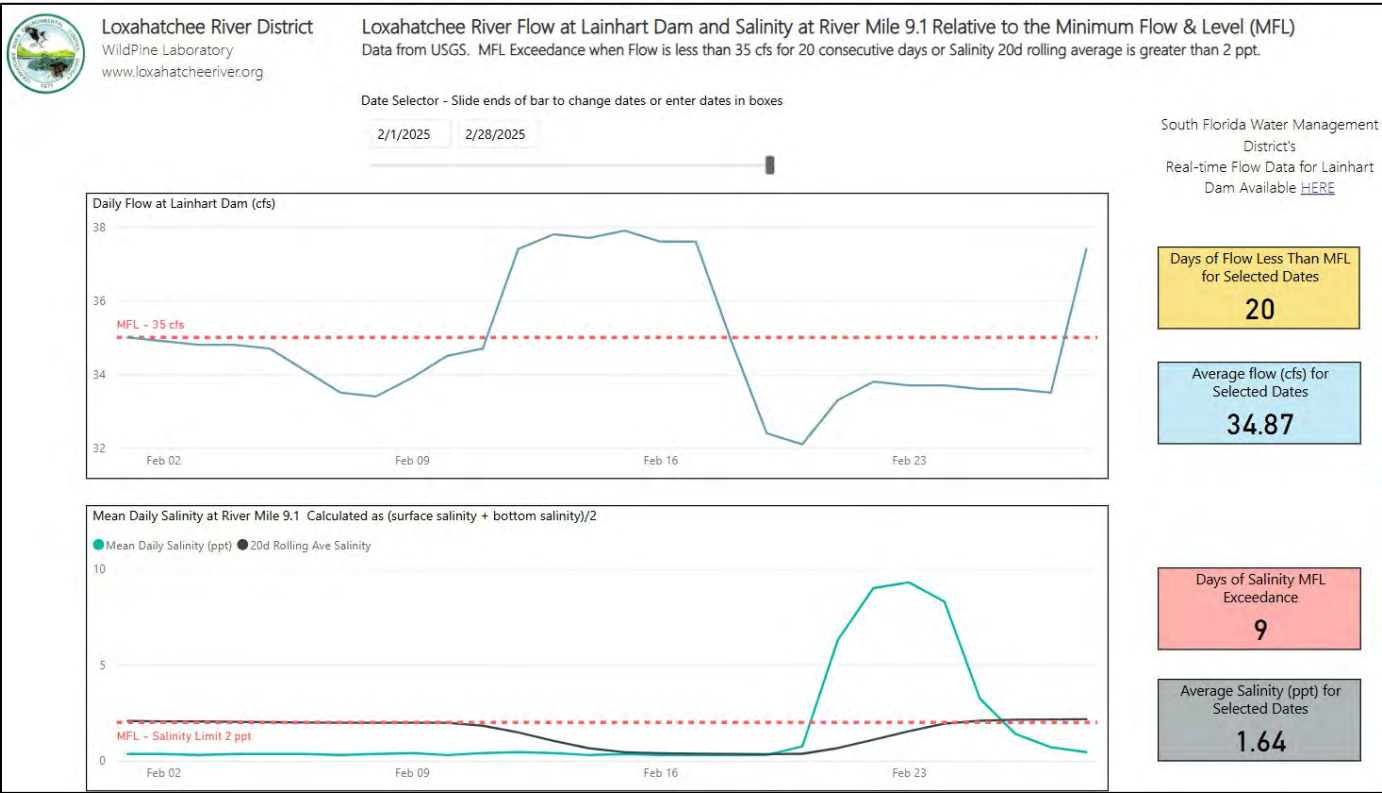
Figures above display relative rainfall across the watershed. The left panel indicates relative amount of rainfall with the blue squares showing highest rainfall and the red squares showing least amount of rainfall. The right panel is a map underlay of the rainfall showing where rainfall occurred.

River Flows and Salinity

Due to below-average rainfall at the start of the dry season and no significant rainfall events in February, river flows in the Northwest Fork have stabilized and continue to oscillate around the Minimum Flow and Level (MFL) target of 35 cfs, averaging 35 cfs and ranging between 32 to 38 cfs (see top panel in the figure below).

Low river flows have allowed saline waters to briefly reach far upstream in the Northwest Fork, reaching the USGS station at River Mile 9.1 (bottom panel of figure below). While the average salinity for the month was 1.6 ppt, on February 21, the mean daily salinity exceeded the 2 ppt maximum target, peaking at 9.3 ppt on February 23 before dropping below the target on February 26. While upstream water storage has been sufficient to maintain river flows near the 35 cfs threshold, the significant salinity spike caused the 20-day moving average salinity criteria to cross above the 2 ppt maximum salinity target with an MFL salinity exceedance for 9 days during the month and a total of 15 days for the year.

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



Oyster Spat Monitoring

The 28-day period ending March 6 continues to show minimal oyster settlement activity as expected during this time of year. In the Northwest Fork, the average oyster spat density was 233 spat/m², with most, or about 83%, of the settlement occurring at the downstream site. This is a slight increase over the 55 spat/m² observed during the previous period. Similarly, the Southwest Fork exhibited low settlement activity, with an average density of 310 spat/m², and approximately 61% of this activity at the downstream site. Low settlement activity is typical during the winter months. (see figure below). And as in the Northwest Fork, this month's activity in the Southwest Fork was slightly higher than last period's density of 44 spat/m². As we move into spring and water temperatures begin to warm, we expect to see an increase in oyster spawning and settlement over the next few months.

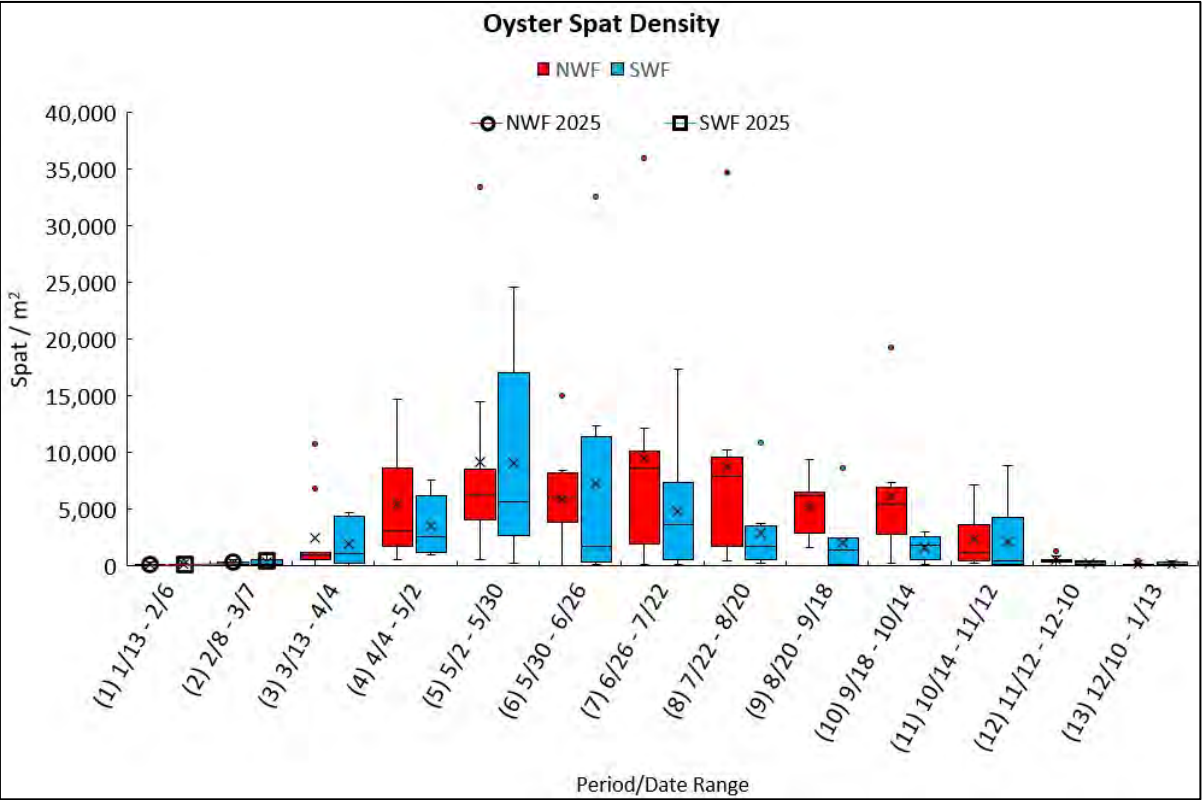


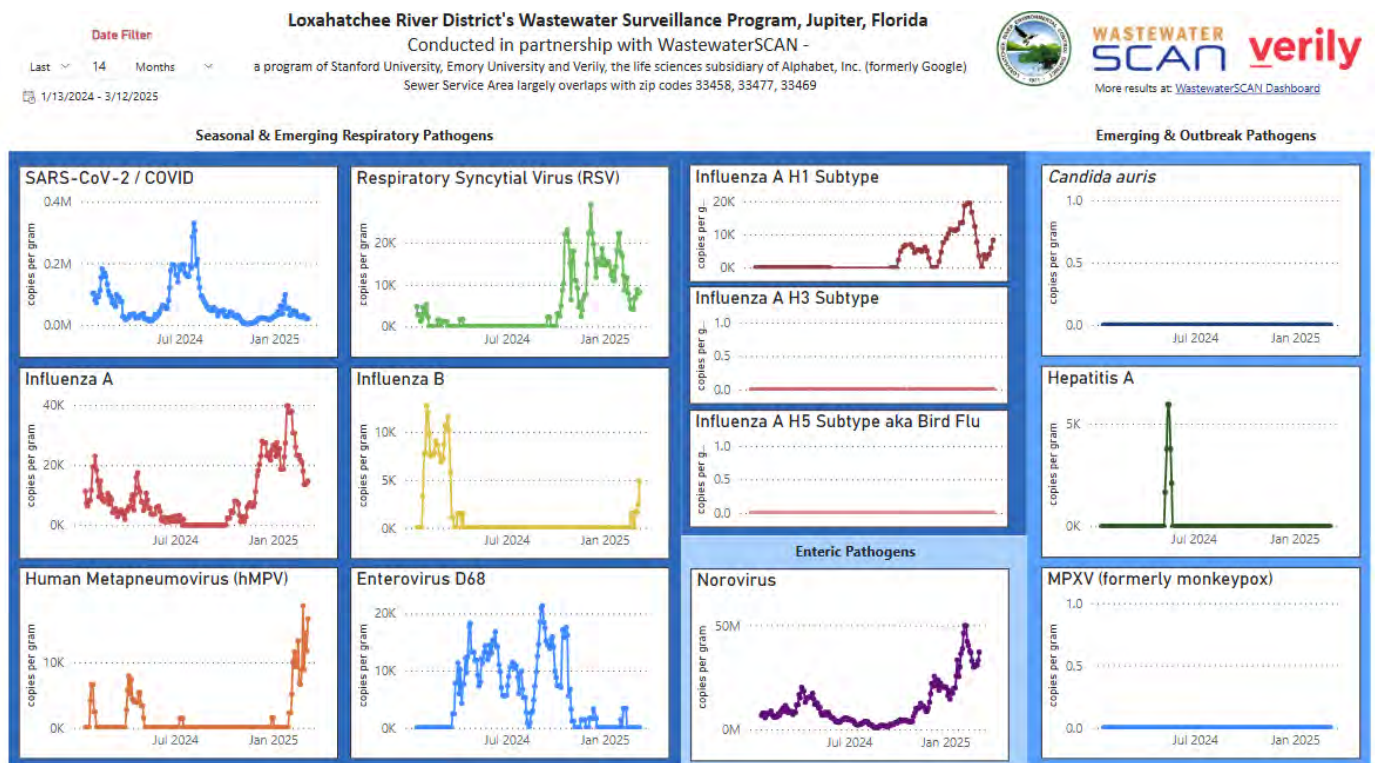
Figure: Box and whisker plot showing interquartile range (IQR) of oyster spat density (spat / m²) for each period in the Northwest Fork (red) and Southwest Fork (blue) of the Loxahatchee River between 2016-2024. The "X" in each box indicates period mean. Also shown are the 2025 period means for both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

Wastewater Surveillance

The District's Wastewater Surveillance program, monitoring 10 pathogens and now 3 Influenza A subtypes through the WastewaterSCAN program, showed a winter peak in COVID in January, far below the summer peak, then a noticeable decline over the past several weeks. Influenza A, RSV, Human Metapneumovirus (hMPV), and especially Norovirus concentrations have showed notable activity during February. Influenza B is recently being detected again.

In December, the program began monitoring for three subtypes of Influenza A – H1, H3, and H5, replacing one of the rarely detected enteric pathogens, and are now presented on our web charts. The H5 subtype, also known as avian influenza or bird flu, is widespread in birds worldwide and is causing outbreaks in poultry and dairy cows. There have been some recent human cases with serious illness, primarily in poultry and dairy workers, but none detected in our area. The CDC is watching the situation carefully, which is why it was added to the National Wastewater Surveillance System.

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



Wastewater Surveillance results from the WastewaterScan program over the last 14 months.

Customer Service

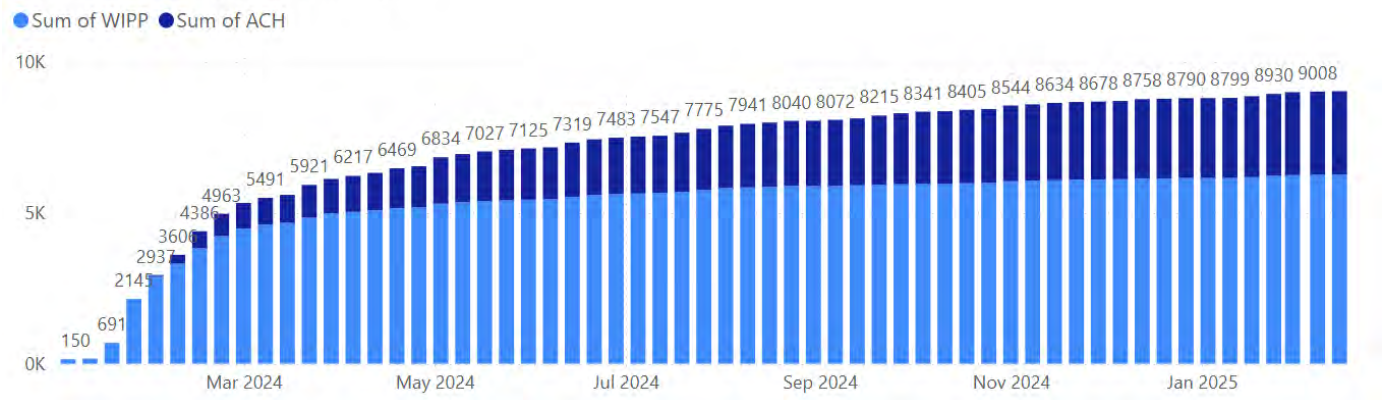
Billing & Payments

The first quarter 2025 bills were due February 12, so Staff were busy processing over 16,800 payments totalling over \$2.7M. As we mentioned last month, we received the greatest number of payments received during the first month of the billing quarter (over 13,600 payments). So, as expected, the February totals were the fewest to date for the second month of the quarter. There is no obvious explanation for this change - bills were mailed, as usual, during the second week of the month, though the due date that we set as the Wednesday roughly mid-month, was a bit earlier than usual.

AutoPay Registration

In February, we broke through the milestone of over 9,000 AutoPay registrations in our new customer information system and payments portal. Recall that we had over 11,000 AutoPay customers under our previous system that could not be transferred to the new system, and the customers had to take action to switch their information to a new system or payment method. We were concerned that we would not be successful reaching these customers and that a meaningful fraction would become seriously delinquent. But, fortunately, now after 12-months we have over 99.6% (all but 44) of the former autopay customers current on their accounts. A big shoutout goes out to the Customer Service Team for their great work through this complicated transition.

Cumulative Weekly Total AutoPays



Cumulative weekly total AutoPay accounts from January 2024 through February 2025.

Improved Payments Portal

Our provider continues to refine and rigorously test the rebuild of our online payments portal. The provider believes they will go live sometime in the next few weeks, which should have us positioned well for our 2nd Quarter Billing.

Information Technology (IT)

New Modular Low Voltage Device Surge Protection

An important part of maintaining our IT equipment is proper electrical surge protection. While we have had surge protection devices on our equipment, the variety of devices that we have installed over time have made it difficult to service and keep replaceable spares.

One of the projects that needed a better solution and standardization for surge protection was the door access control system. Coinciding with the replacement of our aged and no longer supported access control hardware we researched solutions for surge protection. Through this research, one of our vendors suggested a modular system that could protect both network and low voltage devices. This solution allowed us to mix and match protecting network devices, signalling and low voltage power circuits. We have adopted this modular system for the new access control equipment replacements, so we now have one common type of surge protection that offers flexibility in protection and is easier to maintain.



Modular Surge Protector for Low Voltage and Network



New Surge Protection Enclosure for Door Access Controls

Loxahatchee River Environmental Center

March 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		1,437	100	99%	454	4.7	7.9	98%	104%
2024	Feb	1,689	185	105%	264	4.9	8.2	104%	94%
	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%	219	4.7	8.0	93%	150%
Consecutive Months at Green		2	2	0	10	13	13	9	8
Metric Owner		O'Neill	O'Neill	Duggan/Warwick	Patterson	O'Neill	O'Neill	O'Neill	O'Neill

Metric	Explanation
Program Participation	We are seeing more last-minute cancellations and no-shows despite reminder emails and phone calls to participants. We also had to cancel 4 programs due to low signups.

River Center General

River Center in the News: [Family fun and learning at Natural Areas Festival in West Palm Beach this Saturday](#)

River Center Special Programs

Lecture Series [Friday, February 7th]



This month's Lecture was given by Ellen Goethel, invertebrate zoologist. Ellen's presentation gave us a virtual walk through a New England Salt Marsh. She took us through its history and introduced us to some of the plants and animals that depend on it for their very existence. Ellen has spent her life studying the Gulf of Maine and its inhabitants. She is owner/curator of a small hands-on natural history museum

in Hampton New Hampshire with live invertebrates from the Gulf of Maine. For the past 40 years she has taken her museum to schools throughout New England presenting hands on marine science to school children.

Blooming in the Garden [Saturday, February 8th]

The theme for this month's Blooming in the Garden program was Bird Watching! We started by having students make their own "binoculars", then used these as props while reading an interactive story about the Great Backyard Bird Count. We talked about being citizen scientists, then went out into the garden for a scavenger hunt searching for birds! Guests also had the opportunity to plant native seeds to take home for their gardens. The Blooming in the Garden program is designed for children and families ages 3-6.



Homeschool Workshop – Shark Senses [Wednesday, February 12th]

The River Center held a homeschool workshop with 22 students participating. This lesson was designed for kids ages 10 and up and focused on shark senses, adaptations, and ecological importance. Students learned



about special shark adaptations and participated in activities to better understand how keen shark senses are. We explored the River Center's newest exhibit Jupiter Shark Exploration to learn about different local species, adaptations, biology, and what makes them top predators. Overfishing and habitat degradation were also discussed. Students also took a shark opinion survey to see what they know versus what they believe about sharks.



Wastewater Treatment Plant Tour [Thursday, February 13th]

River Center guided a tour of the Loxahatchee River District's wastewater treatment plant. This tour included history about the Wild and Scenic River and the founding of the Loxahatchee River District in 1971. Guests were surprised to learn that they should be scraping their dishes before handwashing or putting them in the dishwasher. We also had a lively discussion about "flushable" wipes. Participants learned the delicate process it takes to recycle wastewater. They were intrigued by the amount of wildlife that we had on our property and how we recycled the water as well as the biosolids created in the process.



Nature Hike – Juno Dunes Natural Area [Friday, February 14th]

We had a great time hiking at Juno Dunes Natural Area! Visitors to the 569-acre Juno Dunes Natural Area can travel from the Atlantic Ocean to the Atlantic Intracoastal Waterway. The ocean-front tract has a great view of the surrounding area atop an ancient sand dune. This site is also a part of the Great Florida Bird and Wildlife Trail. Participants got to see Deer Lichen, Red-Shouldered Hawks, Marsh Rabbits, Sand Oaks, Gopher Tortoises, and more!



Natural Areas Festival [Saturday, February 15th]

On Saturday, February 15th the River Center participated in the Natural Areas Festival held at Winding Waters Natural Area. This festival is hosted by Palm Beach County's Department of Environmental Resources Management to highlight the county's beautiful natural areas. The event was held in the afternoon and featured over 38 different exhibitors. Activities at the event included kayak tours, wildflower walks, face painting, python wrangling, and a prescribed fire burn demonstration. This event also brought out over 1,500 people! We can't wait to participate again next year. [Family fun and learning at Natural Areas Festival in West Palm Beach this Saturday](#)



Tots on Trails – I-Spy Nature! [Wednesday, February 19th]

This month our Tots on Trails program took place at the Cypress Creek South Natural Area. Our guests had a great time participating in an "i-spy" scavenger hunt along the trail. We searched for birds, native wildflowers, cypress trees, and more! Our young naturalists practiced counting the petals on the flowers and remembering the names of the plants we saw. Everyone was very excited to see so many air plants and colors along our walk. The wetland areas were mostly dry this time of year, so we encouraged everyone to visit again during the wet season to compare how different it can look!





Evening Lecture Series [Friday, February 21st]

This month's evening Lecture was given by Christopher Moore, postdoctoral researcher at the University of Florida. His talk was on "Why should we care about parasites" specifically in our local waterways. Parasite diversity is one indicator of a healthy ecosystem. Many parasites require multiple types of hosts (invertebrates and vertebrates alike) to complete their lifecycles – if the hosts aren't there, then the parasites that need those hosts won't be there either. We were glad to have Christopher speak and are eager to have him back with more follow-up research.

Loggerhead Outreach – Turtlefest [Saturday, Feb. 22nd]

On Saturday, February 22nd, the River Center participated in Loggerhead Marine Life Center's annual Turtlefest. This event focuses on promoting conservation through up close interactions with threatened and endangered sea turtles, as well as music, art, shopping, educational presentations, games, and other activities. It was a great day to celebrate turtles and conservation. Over 977 guests visited the River Center's booth.



Nature Hike – Frenchman's Forest [Tuesday, February 25th]

The River Center team took a beautiful trip through Frenchman's Forest, located in Palm Beach Gardens. The wet, low-lying areas of this 172-acre natural area were once part of the headwaters of Lake Worth Creek, a meandering blackwater creek that flowed north to the Loxahatchee River. Over



500 animal and 200 plant species call this site home including great horned owls, red-bellied woodpeckers, gopher tortoises, red-shouldered hawks, fish, wading birds, and manatees. There are numerous hiking trails, each color-coded, and a paved path as you enter. Participants walked along the color-coded trails viewing Staghorn ferns, Cypress trees, Florida Slash pines, Leather ferns, Lichens, Cardinals, Red-shouldered Hawks, and Swallowtail butterflies.



Volunteer of the Month

Our February Volunteer of the Month is Kayla Heyd. We are honored to recognize Kayla as our Volunteer of the Month for her outstanding dedication and hard work at the River Center and special events. Since joining us at the Center, Kayla has jumped right in with different activities and helping with new volunteers. Kayla has consistently gone above and beyond to make every guest feel welcome, and she also does a great job helping to maintain the Center. Her compassion, attention to detail, and willingness to take on any task, no matter how big or small, has made a significant impact. We are so thankful for Kayla and her dedication to The River Center. Thank you, Kayla.



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.

March 20, 3:00 p.m. – 4:30 p.m.: Nature Journaling [Frenchman’s Forest Natural Area]: Forest Karaoke: Students describe bird songs in their journals using writing, drawing, diagramming and numbers. 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.

March 21, 6:00 p.m. – 7:00 p.m.: Evening Lecture [Everything You Never Knew About Tropical Cyclones]: Here in Florida, we all know what a hurricane is, but how much do you really know about them? This talk with Michael Jenkins, PhD, PE, will delve into the world of tropical cyclones: the science, the history, and the interesting facets of this world-wide weather powerhouse. This talk will provide you with 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. Space is limited. Please RSVP to attend.

March 22, 10:00 a.m. – 12:00 p.m.: Archery 101 [20 Acres]: Join the River Center for our Archery 101 Beginners workshop! Learn about the complex history of archery, safety, and basic skills. All equipment will be provided. Closed toe shoes are required; Participants should bring comfortable clothing, water and sunscreen. Cost: \$10 per person. For ages 10 and up. Registration is required to attend. Space is limited. This is not a drop off program.

March 25, 9:30 a.m. – 12:30 p.m.: Kayak 101 [Intro to Kayaking]: Join the River Center for our Intro to Kayaking: Kayak 101 workshops! Participants in these workshops will learn basic kayak strokes, safety tips and how to be a proficient paddler on the water. This course will be conducted by a Level 2 Kayak instructor and all equipment will be provided. Registered participants need to bring water, water shoes, and comfortable clothing that can get wet. Registration is required to attend. Space is limited. Children 13 and under must be accompanied by an adult.

March 26, 10:00 a.m. – 11:00 a.m.: Tots on Trails [Frenchman’s Forest Natural Area]: Let’s get outside! Join the River Center for our Tots on Trails program, designed for children ages 2-6! Each month, we’ll explore a new natural area in the Jupiter/Tequesta area. This month, we’ll be at **Frenchman’s Forest Natural Area. **THIS IS AN OFF-SITE PROGRAM!**** We will meet in the natural area parking lot at

10:00 am. Together, we'll walk the trail, observe plants and animals with our magnifying glasses & binoculars, and explore nature. Adults and children should come prepared to be outside for an hour. This includes comfortable clothing, closed to shoes, hats, sunscreen, bug spray, and water bottles. 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 Opens on December 18th.

March 28, 10:00 a.m. – 12:00 p.m.: Nature Hike [Cypress Creek South Natural Area]: Come explore with us! Tie up your hiking boots and join the River Center for our walk-through Cypress Creek South. 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. Bug spray is highly recommended. Make sure to RSVP to this event! Space is limited. If the "Register" button gives you an error message, please join our Waitlist!

March 29, 9:00 a.m. – 12:00 p.m.: Family Fishing Clinic: Don't miss out on this exciting fishing opportunity with the River Center. Fishing clinics are a great way for kids to learn the basics of fishing methods and tactics! Make sure to join us for an engaging overview that includes knot tying, fish identification, and of course fishing! Parents are encouraged to accompany their kids and participate in the clinic. The cost is \$10 per child. Interested participants should bring water, sunscreen, a hat, and sunglasses. Registration is required to attend. Space is limited. This is not a drop off program. If the "Register" button gives you an error message, please join our Waitlist!

April 1, 10:00 a.m. – 12:00 p.m.: Wastewater Treatment Plant Tour [Loxahatchee River District]: Join the River Center for a behind the scenes tour of the Loxahatchee River District's Wastewater Treatment Plant. Have you ever wondered what happens to your water once it goes down the drain? Find out how the Loxahatchee River Environmental Control District cleans our wastewater to protect our community's health. Did you know that we recycle about 95% of the wastewater receive which protects our natural water resources. Check out this rare glimpse into what happens to your water once it goes down the drain. Recommended Ages 13+

April 4, 12:00 p.m. – 1:00 p.m.: Lecture [Jupiter Inlet & the Loxahatchee River Through History]: Our April speaker is Josh Liller, Historian & Collections Manager at the Loxahatchee River Historical Society. Jupiter Inlet was a natural inlet, but it's frequently openings and closings frustrated Jupiter's pioneers, leading to the construction of the modern, man-made inlet and its jetties. The rest of the Loxahatchee River has faced numerous threats, but modern environmentalism has given the waterway a chance for survival and recovery. This presentation will explore 150 years of man vs. nature on our beloved river. Registration is required to attend. This event is not recommended for children under the age of 14.

April 5, 8:00 a.m. – 12:30 p.m.: Boy Scout Merit Badge Program [Environmental Science]: *Eagle Required Badge*. Come along for an environmental science experience! Conduct experiments for ecology, air pollution, and water pollution, and conservation. Watch as soil is eroded. Learn about the importance of pollinators to our world. Discover how some endangered species are making a comeback, while other invasive species threaten to take over our habitats. Work toward this Eagle required merit badge alongside environmental educators and scientists. All materials are provided.

What you can expect:

- Spend the day outdoors.
- Learn the history of Boy Scouts of America and environmental science.
- Ecology – experiment to find out how living things respond to changes in their environment
- Water Pollution – experiment to reduce the effects of an oil spill
- Air Pollution – experiment to find airborne pollutants
- Land Pollution – experiment to show soil erosion by water

- Endangered Species – learn about a threatened or endangered animal that is making a recovery
- Pollution Prevention – experiment on packing materials to find out if they are biodegradable
- Pollination – learn about the importance of honeybees for human survival
- Invasive Species – help to control the spread of an invasive plant species in a natural area

April 11, 10:00 a.m. – 12:00 p.m.: Nature Hike [Pal Mar Hungrylands]: Come explore with us! Tie up your hiking boots and join the River Center for our Nature Walk through Pal Mar-Hungrylands. 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!

April 12, 10:00 a.m. – 11:30 a.m.: Blooming in the Garden [April Showers]: Join the River Center for our *Bloomin’ in the Garden* program, designed for children ages 3-6. This month’s theme is **April Showers!** 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.

April 12, 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

April 16, 10:00 a.m. – 11:00 a.m.: Tots on Trails [Jupiter Inlet Lighthouse Outstanding Natural Area]: Let’s get outside! Join the River Center for our Tots on Trails program, designed for children ages 2-6! Each month, we’ll explore a new natural area in the Jupiter/Tequesta area. This month, we’ll be at **Jupiter Inlet Lighthouse Outstanding Natural Area. **THIS IS AN OFF-SITE PROGRAM!**** We will meet in the natural area parking lot at 10:00 am. Together, we’ll walk the trail, observe plants and animals with our magnifying glasses & binoculars, and explore nature. Adults and children should come prepared to be outside for an hour. This includes comfortable clothing, closed toe shoes, hats, sunscreen, bug spray, and water bottles. Limited to 20 children (+ their accompanying adults). Siblings of all ages are welcome, just include them in your registration! This program is free of charge. Please RSVP to attend. Registration Opens on March 26th.

April 16, 10:30 a.m. – 12:00 p.m.: Homeschool Workshop [Birds of Prey]: Join us for an engaging homeschool workshop on birds of prey! This session will uncover the fascinating world of eagles, hawks, owls, and other raptors, focusing on their hunting skills, unique adaptations, and ecological roles. With interactive activities and live demonstrations, students will gain a deeper understanding of these powerful birds and their importance in nature. Registration Opens March 27th at 10am.

April 17, 9:00 a.m. – 10:30 a.m.: Nature Journaling [Pine Glades Natural Area]: *Soundscape Maps:* Students listen to the soundscape around them, then diagram and map the soundscape using text, symbols, different colors, and other ways to graphically represent sound. 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.

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
- Interactive stations in our native plant garden
- 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.



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

To: D. Albrey Arrington, Ph.D., Executive Director
From: Ed Horchar Safety Officer
Date: March 11, 2025
Subject: District Safety Report for February 2025

Safety Metrics: February 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 February. 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 nine 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 February. 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 February JHA generation of 1593, 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 February JHAs performed per employee in each department:

Reuse:	89 JHA / employee	Construction:	11 JHA / employee
Operations:	54 JHA / employee	Inspection:	35 JHA / employee
Collections:	48 JHA / employee	Wild Pine Lab	6 JHA / employee
Maintenance:	36 JHA / employee	River Center	2 JHA / employee

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

JHA and Work Orders: In February 100% of the applicable Work Orders (WO) included a JHA. This is the first for the District. This represents twenty-seven (27) months in a row in which the District expectation of 95% was exceeded. The following is a District comparison for the percentage of January EAM applicable Work Orders generated for which an electronic JHA was completed:

Reuse:	100 %	Construction:	100 %
Operations:	100 %	Inspection:	100 %
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. 225 machine-specific LOTO forms were completed by District employees in February. Current data indicates the LOTO compliance rate is at 100% of applicable work orders, which above the District expectations of at least 95%. This is another first for the District. The following is a District comparison for the percentage of February 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 were 5 Near Miss reports initiated in February which is below the 12-month rolling average. Staff in the Construction Department and Engineering each submitted two reports and Operations submitted one report. Four slip, trip and fall and one vehicle operation related near miss were 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 February included a two-day DOT IMOT (Intermediate Maintenance of Traffic) classroom certification for fourteen District employees. There were eight new certifications and six certification renewals. In preparation for the upcoming Hurricane season, Chainsaw Basic Skills, Safety and Maintenance was conducted in February. Four members of the Florida Division of Forestry were on site to provide three hours of classroom training and two hours of practical chainsaw use training. Eleven District employees participated in the training that included seven newly trained and four refreshers trained employees. Computer Based Training (CBT) included Fall Protection PPE Use and Maintenance for applicable employees. The overall training completion for November was at 98%.

Fall protection and harness classroom and computer-based training is scheduled to be conducted in March for approximately ten District employees. 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.

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

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

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

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

Consultant	Prior Month	Fiscal YTD
Attorneys	\$ 14,971.00	\$ 48,837.57
Baxter & Woodman	—	\$ 27,974.52
Carollo	\$ 32,557.98	\$ 111,397.00
Holtz	\$ 36,982.50	\$ 86,744.41
KCI	\$ 1,285.75	\$ 24,794.35
Kimley-Horn & Associates, Inc.	—	\$ 66,033.50

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

Gordon M. Boggie
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER



Future Business

General:

- Strategic Planning – in July we will begin updating our strategic plan

Future Contracts:

- Chapter 31-10 Rates, Fees, and Charges - Harbor Road South Phase 1 Sub-Regional Line Charge
- 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
- Preliminary Assessment - 109 Old Jupiter Beach Road
- Preliminary Assessment - 19645 Harbor Road S