



# 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](http://loxahatcheeriver.org)

**AGENDA**  
**REGULAR MEETING #17-2024**  
**NOVEMBER 21, 2024 – 7:00 PM AT DISTRICT OFFICES**  
ALSO, THE MEETING WILL BE AVAILABLE TO THE PUBLIC ONLINE AT:  
[LOXAHATCHEERIVER.ORG/PUBLICMEETING](http://LOXAHATCHEERIVER.ORG/PUBLICMEETING)

1. Call to Order & Pledge of Allegiance
2. Administrative Matters
  - A. Roll Call
  - B. Previous Meeting Minutes [Page 3](#)
  - C. Additions and Deletions to the Agenda
3. Comments from the Public
4. Status Updates
  - A. Loxahatchee River Watershed [Page 8](#)
  - B. Loxahatchee River District Dashboard [Page 9](#)
5. Consent Agenda (see next page) [Page 12](#)
6. Regular Agenda
  - A. Consent Agenda Items Pulled for Discussion
  - B. Employee Insurance Benefits [Page 38](#)
  - C. Jonathan Dickinson State Park [Page 47](#)
7. Reports (see next page) Pulled for Discussion
8. Future Business [Page 103](#)
9. Board Comments
10. Adjournment

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

Submitted by:   
Date: November 12, 2024

**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

## 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. New Annual Dashboard – to approve two new metrics [Page 10](#)
- B. Interlocal Agreement with Seacoast Utility Authority for Provision of Sewer Service to 14996 Palmwood Rd – to authorize execution of the interlocal agreement [Page 13](#)
- C. FY25 Fleet Purchase – to approve contract award [Page 19](#)
- D. Purchase of Odor Control Services (Evoqua) - to approve purchase order [Page 31](#)
- E. Fixed Asset Disposal - to approve disposal [Page 35](#)
- F. Change Orders to Current Contracts - to approve modifications [Page36](#)

## 7. REPORTS

- A. Neighborhood Sewering [Page 53](#)
- B. Legal Counsel's Report [Page 54](#)
- C. Engineer's Report [Page 57](#)
- D. Director's Report [Page 58](#)



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**D. Albrey Arrington, Ph.D.** EXECUTIVE DIRECTOR

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## MEMORANDUM

TO: Governing Board  
FROM: D. Albrey Arrington, Ph.D., Executive Director  
DATE: November 21, 2024  
SUBJECT: Approval of Meeting Minutes

Attached herewith are the minutes for the Regular Meeting of October 17, 2024. As such, the following motion is presented for your consideration:

**“THAT THE GOVERNING BOARD** approve the minutes of the Regular Meeting of October 17, 2024 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: #16-2024

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT  
REGULAR MEETING - MINUTES  
OCTOBER 17, 2024

1. CALL TO ORDER

Chairman Rockoff called the Regular Meeting of October 17, 2024 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, Ms. Fraraccio, Mr. Pugsley, and Mr. Novack. Consultants in attendance were Mr. Curtis Shenkman & Mr. Hunter Shenkman.

B. PREVIOUS MEETING MINUTES

The minutes of the Public Hearing and Regular Meeting of September 19, 2024 were presented for approval and the following motion was made:

“THAT THE GOVERNING BOARD approve the minutes of the Public Hearings and Regular Meeting of September 19, 2024 as submitted.”

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

C. ADDITIONS & DELETIONS TO THE AGENDA

Items 5B and 5D - C2 and C3 are deleted from the agenda

3. COMMENTS FROM THE PUBLIC

No public comments were received.

4. STATUS UPDATES

A. LOXAHATCHEE WATERSHED STATUS

Dr. Arrington and Mr. Howard presented some of the highlights of LRD’s preparation and recovery activities for Hurricane Milton.

B. LOXAHATCHEE RIVER DISTRICT DASHBOARD

Dr. Arrington reviewed the District Dashboard.

5. CONSENT AGENDA

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

“THAT THE GOVERNING BOARD approve the Consent Agenda of October 17, 2024 with the exception of 5B & 5D C2 and 5D C3 and the rest as presented.”

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

A. ITB #24-001-00131 Wastewater and I.Q. Water General Construction Services and Emergency / On-Call Repair Services - to approve contract renewal

“THAT THE DISTRICT GOVERNING BOARD authorize award of a second 1-year term contract for ITB #24-001-00131 Wastewater and I.Q. Water General Construction Services and Emergency / On-Call Repair Services to Hinterland Group, Inc. in an amount not to exceed \$500,000 and to Felix Civil Construction, LLC in an amount not to exceed \$500,000.”

C. Fixed Asset Disposal - to approve disposal

<b>Description</b>	<b>Serial Number</b>	<b>Condition</b>	<b>Estimated Value</b>
2 HP Barnes	Pump ZS190579-1219	Beyond Repair	\$50
2 HP Barnes	Pump C1162875-1005	Beyond Repair	\$50
2 HP Barnes	Pump C1462631-0310	Beyond Repair	\$50
2 HP Barnes	Pump C1272547	Beyond Repair	\$50
3 HP Barnes	Pump C1145260-0805	Beyond Repair	\$50
5 HP Barnes	Pump C1729976-0415	Beyond Repair	\$50

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

D. Change Orders to Current Contracts - to approve modifications

C1: Lift Station 082 Conversion – Professional Engineering Services – Change Order 002

“THAT THE DISTRICT GOVERNING BOARD AUTHORIZE THE Executive Director to approve Change Order 002 to work authorization 2020-08 with Holtz Consulting Engineers in the amount of \$59,050.00.”

6. REGULAR AGENDA

A. CONSENT AGENDA ITEMS PULLED FOR DISCUSSION

B. Employee Insurance Benefits

Dr. Arrington reviewed the status of the renewal of employee insurance benefits

C. Florida Statutes 189.0694 Special Districts performance measures and standards

“THAT THE DISTRICT GOVERNING BOARD approve the revised annual dashboard and associated metrics in conformity with FS 189.0694 and direct staff to report on these metrics, via the District’s website, annually upon the close of each fiscal year.”

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

7. REPORTS

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

8. FUTURE BUSINESS

Future Business stood as written.

9. COMMENTS FROM THE BOARD

No Board comments were received.

10. ADJOURNMENT

“That the regular meeting of October 17, 2024 adjourns at 8:07 PM.”

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

\_\_\_\_\_  
BOARD CHAIRMAN

\_\_\_\_\_  
BOARD SECRETARY

\_\_\_\_\_  
RECORDING SECRETARY

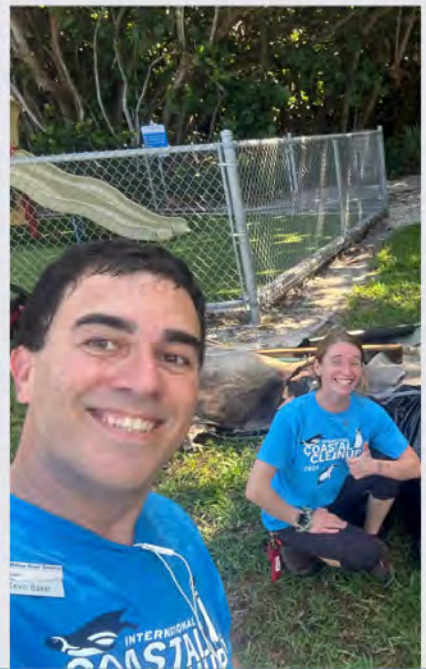


**WATERSHED  
STATUS  
REPORT**

\*\*\*\*\*

**THE RIVER CENTER WILL  
PROVIDE AN UPDATE ON  
THE STRATEGIC PLAN  
INITIATIVES OVER THE  
PAST YEAR.**

\*\*\*\*\*





# 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 ahead (behind) schedule	# Days MFL Violation	%	Fecal Coliform Bacteria (cfu/100ml)	
<b>Green Level</b>	≥ 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	
<b>Yellow</b>	< 90%	≤ 25	1	≤1,500; 0	< 8.8	1	≤1875	≥ 2	-	< \$15,609,500	≥ 90%	≥ 80%	≥60%	< (30)	1	min ≥ 10 ‰	≤ 3 sites >200	
<b>Red</b>	<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	
2021 Baseline	952	16	0.3	1,130	7.1	0	1,294	2	0.2	\$ 40,651,532	97%	89%	79%	-34	0	24.3	3	
2022 Baseline	1,319	12	0.1	395	6.8	0	1,268	3	0.0	\$ 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	0.0	\$ 44,656,875	106%	94%	90%	-39	2	23	4	
2023	Oct	1,940	14	0	101; 0	6.9	0	1,281	1	0	\$ 43,600,779	97%	109%	74%	(55)	0	15.6	9
	Nov	1,183	15	0	1,705; 1	7.1	0	1,255	0	0	\$ 43,936,002	101%	93%	81%	(46)	0	23.7	3
	Dec	1,021	14	0	45; 0	7.4	0	1,218	3	0	\$ 42,207,663	106%	100%	78%	(57)	0	9.9	2
2024	Jan	1,178	14	0	2,275; 0	7.4	0	1,209	1	1	\$ 41,429,932	104%	96%	87%	(64)	0	19.9	2
	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
Consecutive Months at Green	0	7	30	2	185	42	169	0	5	181	0	12	0	0	4	0	1	
Metric Owner	O'Neill	Pugsley	Dean	Dean	Pugsley	Pugsley	Pugsley	Dean	Horchar	Fraraccio	Fraraccio	Fraraccio	Dean	Dean	Howard	Howard	Howard	

**Metric**

- People Educated
- Customer Service
- IQ Water Delivery
- Revenue
- Capital Projects (\$)
- Capital Projects (time)
- Salinity @ North Bay

**Explanation**

The River Center was closed for three days in October due to Hurricane Milton. During that time four programs were cancelled and general attendance was closed. Without these hurricane impacts our attendance and participation would have been well within the green (i.e., on target).

Three claims for damage in a home were received in October: 102 Ennis Lane claim of damage on 12/21/2023; 6085 180th Street claim of damage on 9/18/2024; 5836 Tucker Road claim of damage on 10/10/2024 (Hurricane Milton). LRD is working with our insurance to determine liability for each claim.

On October 1 and 4 Abacoa IQ Water pump station issues caused us to potentially miss our contractual deliveries within Abacoa by about 12%. On October 16 and 17 we did not deliver the full IQ Water allocation within Abacoa due to a minor IQ Water leak that was discovered and repaired during this time period.

Revenues were lower than expected. Operating revenues were within one-half of one percent of budgeted revenues. Assessment revenue was well below projections because the vast majority of assessment payments typically are received in November and December. Also, our interest revenue was negative due to purchasing some US Treasuries between coupon dates (see Kara's memo for a more complete explanation).

This month Kris has drafted a new Project Report that communicates a detailed status update for our capital projects. We look forward to discussing that report with you and considering potential tweaks to these metrics.

This month Kris has drafted a new Project Report that communicates a detailed status update for our capital projects. We look forward to discussing that report with you and considering potential tweaks to these metrics.

During the month of October, minimum salinity fell briefly to 4.5 ppt in response to SFWMD preparing the flood control system for Hurricane Milton. Flows over S-46 reached 1,025 cfs, which caused salinity in the downstream portion of the estuary to decline precipitously. Fortunately, flood control releases only exceeded 350 cfs for 6 days (Oct 7-11), and from Oct 16 to Oct 30 salinities were more favorable for marine organisms like seagrasses. See Bud's report for more information.



# LOXAHATCHEE RIVER DISTRICT

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

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## MEMORANDUM

**TO:** Governing Board  
**FROM:** D. Albrey Arrington, Ph.D., Executive Director  
**DATE:** November 13, 2024  
**SUBJECT:** Florida Statutes 189.0694 Special Districts performance measures and standards

Last month the Board approved our new annual dashboard pursuant to Florida Statutes Chapter 189.0694 Special districts; performance measures and standards. After more thought, Bud Howard and I would like the Board to consider adding two metrics focused on the environmental monitoring work we do, which is sanctioned in Chapter 2021-249, Laws of Florida, i.e., the District's Enabling Act, Section 6. *"(24) Provide necessary laboratories and facilities for testing of operating systems, including assessment of water quality, critical habitats, and environmental health within the Loxahatchee River watershed."*

The proposed additions to our existing Annual Dashboard are presented on the following page.

I offer the following motion for your consideration:

**"THAT THE DISTRICT GOVERNING BOARD approve the addition of the Environmental Assessment program elements (e.g., Goal 8. Accessible Environmental Data) to our annual dashboard in conformity with FS 189.0694 and direct staff to report on our annual dashboard, via the District's website, annually upon the close of each fiscal year."**

Stephen B. Rockoff  
CHAIRMAN

Dr. Matt H. Rostock  
BOARD MEMBER

Kevin L. Baker  
BOARD MEMBER

Gordon M. Boggie  
BOARD MEMBER

Clinton R. Yerkes  
BOARD MEMBER

## **PROGRAM: ENVIRONMENTAL ASSESSMENT**

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

### **Goal 8. Accessible Environmental Data**

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

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

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

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

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

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

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



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**D. Albrey Arrington, Ph.D.** EXECUTIVE DIRECTOR

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## MEMORANDUM

**TO:** Governing Board  
**FROM:** Administration Staff  
**DATE:** November 21, 2024  
**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. New Annual Dashboard – to approve two new metrics
- B. Interlocal Agreement with Seacoast Utility Authority for Provision of Sewer Service to 14996 Palmwood Rd – to authorize execution of the interlocal agreement
- C. FY25 Fleet Purchase – to approve contract award
- D. Purchase of Odor Control Services (Evoqua) - to approve purchase order
- E. Fixed Asset Disposal - to approve disposal
- F. Change Orders to Current Contracts - to approve modifications

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

The following Motion is provided for Board consideration:

**“THAT THE GOVERNING BOARD approve the Consent Agenda of November 21<sup>st</sup>, 2024 as presented.”**

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

**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

**Water Reclamation – Environmental Education – River Restoration**



# LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

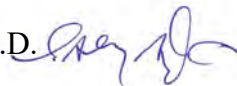
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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

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## MEMORANDUM

TO: GOVERNING BOARD  
FROM: D. ALBREY ARRINGTON, Ph.D.   
DATE: NOVEMBER 12, 2024  
SUBJECT: INTERLOCAL AGREEMENT WITH SEACOAST UTILITY AUTHORITY

The owner of 14996 Palmwood Road (Parcel Control Number 00-43-41-17-00-000-7200) has requested approval to connect to LRD's sanitary sewer system. This property is outside of LRD's jurisdiction and within the service area of Seacoast Utility Authority (Seacoast). However, it will be much more cost effective for the property to connect to LRD's existing sewer collection and transmission system, which exists within 200-feet of the property. Therefore, I am seeking Governing Board approval of the attached Interlocal Agreement Between Loxahatchee River District and Seacoast Utility Authority for Provision of Sewer Service to 14996 Palmwood Road.

This draft interlocal agreement conforms in form and substance to other, existing interlocal agreements with Seacoast providing for the most efficient service to various properties. For example, in May 2015 LRD and Seacoast approved two interlocal agreements; one allowed Seacoast to provide wastewater service to 6427 and 6501 Donald Ross Road and the other allowed LRD to provide sewer service to 4000 Palmwood Rd.

The draft interlocal agreement has been reviewed by LRD legal counsel and is generally supported by Seacoast staff because we believe this is the most cost-effective approach to providing sewer service to the subject property.

Therefore, I offer the following motion for your consideration:

**“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to execute the Interlocal Agreement Between Loxahatchee River Environmental Control District and Seacoast Utility Authority for Provision of Sewer Service to 14996 Palmwood Road.”**

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

Prepared by and return to:  
Curtis Shenkman, District Attorney  
Loxahatchee River District  
2500 Jupiter Park Drive  
Jupiter, Florida 33458

INTERLOCAL AGREEMENT BETWEEN  
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT  
AND  
SEACOAST UTILITY AUTHORITY  
FOR PROVISION OF SEWER SERVICE TO 14996 PALMWOOD ROAD

THIS INTERLOCAL AGREEMENT, made and entered into this \_\_\_ day of \_\_\_\_\_ 2024, by and between SEACOAST UTILITY AUTHORITY, a public utility in the State of Florida, herein referred to as "SEACOAST" and LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, an independent special district in the State of Florida, herein referred to as "LRD",

W I T N E S S E T H:

WHEREAS, SEACOAST and LRD desire to maximize the utilization and efficiency of both public utility systems; and

WHEREAS, Florida Statutes, Section 163.01, allows governmental units to make the most efficient use of their powers by enabling them to cooperate with other localities on a basis of mutual advantage; and

WHEREAS, a parcel of land located at 14996 Palmwood Road (Parcel Control Number 00-43-41-17-00-000-7200), further described in Exhibit A attached hereto and made a part hereof, lies within Seacoast's service area but is not currently being served with sewer utility service by Seacoast, and LRD is willing to provide sewer utility service to said parcel, and.

WHEREAS, the execution of this Agreement is in the best interests of both governmental units by promoting efficient utilization of utility services.

NOW THEREFORE, for and in consideration of the mutual covenants contained herein, the Parties to this Agreement agree as follows:

1. **RECITALS.** The above recitals are true and correct.

2. **CONSENT TO SERVICE.** LRD recognizes that Seacoast is the authorized exclusive provider of sewer utility service to 14996 Palmwood Road (the "Subject Property"). Seacoast consents that LRD may provide sewer utility service to the Subject Property. If and when Seacoast declares available its sewer utility line to the Subject Property that Seacoast wishes to serve, LRD shall disconnect or verify the disconnection of the Subject Property from LRD's sewer system, whereupon LRD shall terminate its billing to the Owner(s) of the Subject Property which Seacoast wishes to serve. LRD shall charge all Owners connection charges in accordance with LRD's policies and procedures in effect at the time of connection. If the Subject Property pays connection charges to LRD and is no longer served by LRD but rather is served by Seacoast, then LRD will remit to Seacoast, without interest, any connection charges attributable to the Subject Property.

3. **TERM.** The term of this Interlocal Agreement shall continue until December 31, 2030. It is recognized by the parties that it is desirable to have a continuous supply of sewer service to the Subject Property after the initial term hereof. Therefore, if LRD is providing sewer services to the Subject Property (or any portion thereof) at the expiration of any term, then the term of this Agreement shall be automatically extend for successive five (5) year terms unless one party gives written notice to the other party not later than six (6) months before the end of the applicable term of its intention not to renew.

4. **ENTIRE AGREEMENT; AMENDMENT.** This writing embodies the entire Agreement and understanding of the parties hereto. This Agreement supersedes any existing agreements or representations among the parties concerning providing service to the Subject Property. Other than the agreements specified herein, there are no other understandings or agreements between the

parties, whether verbal or written, with reference to the subject matter hereof that are not merged herein and superseded hereby. No modification of the terms of this Agreement shall be valid unless made in writing and signed by the parties hereto. This Agreement shall be governed and construed according to the laws of the State of Florida. Seacoast or LRD may record this Agreement.

5. **ASSIGNMENT.** The rights and duties created by this Agreement are personal to each party and shall not be assigned by either party to another except upon the express written permission and consent of all other parties to do so; provided however, that such permission and consent shall not be unreasonably withheld.

IN WITNESS WHEREOF, the parties hereto have executed this instrument this \_\_\_\_ day of \_\_\_\_\_ 2024.

ATTEST:

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**

By: \_\_\_\_\_

By: \_\_\_\_\_  
D. Albrey Arrington, PhD., Executive Director

STATE OF FLORIDA  
COUNTY OF PALM BEACH

I hereby Certify that on this day, before me, an officer duly authorized to administer oaths and take acknowledgements, personally appeared D. Albrey Arrington, PhD., Executive Director, known to me to be the person described in and who executed the same, that I relied upon the following form(s) of identification of the above named person \_\_\_\_\_. Witness my hand and official seal in the County and State last aforesaid this \_\_\_\_ day of \_\_\_\_\_, 2024.

[NOTARY SEAL]

\_\_\_\_\_  
Notary signature

\_\_\_\_\_  
Printed Notary Signature



ATTEST:

**SEACOAST UTILITY AUTHORITY**

By: \_\_\_\_\_  
Jessica Moore, Authority Clerk

By: \_\_\_\_\_  
Ron Ferris, Chair

STATE OF FLORIDA  
COUNTY OF PALM BEACH

I hereby Certify that on this day, before me, an officer duly authorized to administer oaths and take acknowledgements, personally appeared Ron Ferris, Chair, known to me to be the person described in and who executed the same, that I relied upon the following form(s) of identification of the above named person \_\_\_\_\_. Witness my hand and official seal in the County and State last aforesaid this \_\_\_ day of \_\_\_\_\_, 2024.

[NOTARY SEAL]

\_\_\_\_\_  
Notary signature

\_\_\_\_\_  
Printed Notary Signature

## EXHIBIT "A"

**Address:** 14996 Palmwood Rd, Palm Beach Gardens, FL 33410

**Property Control Number:** 00-43-41-17-00-000-7200

**Legal Description:** legal description to be added

The screenshot displays the DorothyJacks Palm Beach County Property Appraiser website. The header includes the logo and navigation links: Home, Data, Exemptions, Departments, Forms, and About. A search bar is located at the top left, with a 'Return' button. Below the search bar, there are tabs for 'Property Info', 'Layers', 'Tools & Reports', and 'Help'. Two buttons, 'View Property Record' and 'Print', are visible. The main content area is divided into sections: 'OWNERS' (listing MILLING CAROL), 'PROPERTY DETAIL' (listing LOCATION, MUNICIPALITY, PARCEL NO., SUBDIVISION, BOOK/PAGE, SALE DATE, MAILING ADDRESS, and USE TYPE), and an aerial map of the property. The map shows the property boundaries in yellow, with a blue outline highlighting a specific area. The map also shows surrounding streets: Jamaica Dr, Palmwood Rd, and Frederick Small Rd.

**DOROTHYJACKS**  
Palm Beach County Property Appraiser  
We Value What You Value

Home Data Exemptions Departments Forms About

Search by Address, Owner, or PCN **Return**

Property Info Layers Tools & Reports Help

**View Property Record** **Print**

**OWNERS**

MILLING CAROL

**PROPERTY DETAIL**

**LOCATION**  
14996 PALMWOOD RD

**MUNICIPALITY**  
UNINCORPORATED

**PARCEL NO.**  
00-43-41-17-00-000-7200

**SUBDIVISION**

**BOOK/PAGE**  
28248/731

**SALE DATE**  
APR-2016

**MAILING ADDRESS**  
14996 PALMWOOD RD  
PALM BEACH GARDENS FL 33410 1022

**USE TYPE**  
0100 - SINGLE FAMILY



# 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](http://loxahatcheeriver.org)

## MEMORANDUM

TO: D. ALBREY ARRINGTON, Ph.D., Executive Director  
FROM: JASON A. PUGSLEY, P.E., Operations – Plant Manager  
DATE: NOVEMBER 15, 2024  
SUBJECT: FLEET VEHICLE PURCHASES – ALAN JAY FLEET SALES VIA PIGGY-BACK OF SOURCEWELL CONTRACT

In the performance of their duties, field staff utilize a fleet of service trucks. These trucks are integral to the District's ability to operate, inspect, maintain and repair our regional utility system and to perform public education outreach. The District intends to purchase a total four (4) fleet vehicles using the piggy-back of the Sourcewell (formerly NJPA) Contract No. 2025 091521-NAF & 032824-NAF, in accordance with the attached quotes from Alan Jay Fleet Sales, and as follows:

- Replacement of Unit No. 27 (Reuse, Capital Project R25016) with a 2025 Ford F-250 SUPERCAB XL, 4X4 (New Unit 62) - **\$78,140.00**
- Purchase of New Unit 60 (Public Education, Capital Project N25002) which will be a 2025 Ford Transit T-350 WAGON, RWD Passenger Van XLT - **\$62,303.00**
- Replacement of Unit 29 (Collections, Capital Project R25010) which will be a 2025 Ford F-550 SUPERCAB XL, Knapheide Crane Body, 4X4 (Unit 61) - **\$193,451.00**
- Purchase of New Unit 63 (Construction, Capital Project N25004) which will be a 2025 Ford F-550 SUPERCAB XL, Knapheide Crane Body, 4X4 - **\$200,773.00**

**"THAT THE DISTRICT GOVERNING BOARD authorize the purchase of the referenced fleet vehicles from Alan Jay Fleet Sales using the piggy-back of Sourcewell (formerly NJPA) Contract No. 2025 091521-NAF & 032824-NAF in the amount of \$534,667.00."**

**Dr. Matt H. Rostock**  
CHAIRMAN

**Kevin L. Baker**  
BOARD MEMBER

**Gordon M. Boggie**  
BOARD MEMBER

**Stephen B. Rockoff**  
BOARD MEMBER

**Clinton R. Yerkes**  
BOARD MEMBER



Awarded Contract

Call Us first, for all of your Fleet Automotive, & Light Truck needs.

Quote

PHONE (800) ALANJAY (252-6529)		DIRECT 863-402-4234	WWW.ALANJAY.COM	55202-7
Corporate Office	2003 U.S. 27 South Sebring, FL 33870	MOBILE 863-273-1105	Mailing Address	P.O. BOX 9200 Sebring, FL 33871-9200
		FAX 863-402-4221		

ORIGINAL QUOTE DATE  
6/20/2024

# QUICK QUOTE SHEET

REVISED QUOTE DATE  
11/13/2024

REQUESTING AGENCY	LOXAHATCHEE RIVER DISTRICT		
CONTACT PERSON	VINCENT BEATRICE	EMAIL	<a href="mailto:VINCENT.BEATRICE@LRECD.ORG">VINCENT.BEATRICE@LRECD.ORG</a>
PHONE	561-747-5700	MOBILE	561-262-6738
		FAX	

SOURCEWELL CONTRACT # 2025 091521-NAF & 032824-NAF

[www.NationalAutoFleetGroup.com](http://www.NationalAutoFleetGroup.com)

MODEL	X2B 600A	MSRP	\$53,125.00
	2025 FORD F-250 SUPER CAB PICKUP 4WD 164" WB XL 8' BED		
		NJPA PRICE	\$48,924.00

BED LENGTH	8' Bed
------------	--------

\*\* All vehicles will be ordered white w/ darkest interior unless clearly stated otherwise on purchase order.

FACTORY OPTIONS	DESCRIPTION	
Z1	Oxford White	\$0.00
AS	Medium Dark Slate, HD Vinyl 40/20/40 Split Bench Seat	\$0.00
99A	Engine: 6.8L 2V DEVCT NA PFI V8 Gas	\$0.00
44F	OPTIONS Transmission: TorqShift-G 10-Speed Automatic	\$0.00
52B	Trailer Brake Controller	\$295.00
600A	Order Code 600A	\$0.00
64A	Wheels: 17" Argent Painted Steel	\$0.00
66D	Pickup Box Delete	\$0.00
66S	Upfitter Switches (6)	\$160.00
67D	190 Amp Alternator	\$0.00
96V	XL Chrome Package	\$220.00
TD8	Tires: LT245/75Rx17E BSW A/S	\$0.00
X3E	Electronic-Locking w/3.73 Axle Ratio	\$425.00
	GVWR: 9,900 lbs	\$0.00
PW PL RKE BT	Power Windows, Power Door Locks, Remote Keyless Entry, & Bluetooth features are standard equipment for this vehicle. (See Attached Vehicle Build sheet for complete details)	\$0.00
TOW	TOW PACKAGE	\$500.00
CPO	SEE ATTACHED PRINT OUT FOR COMPLETE VEHICLE DETAILS	

CONTRACT OPTIONS	DESCRIPTION	FACTORY OPTIONS	\$1,600.00
WTF EXT	Weather Tech floor liner system for extended cab pick-up trucks.		\$315.00
STEP3-EXT	3" black steel tubular cab step for extended cab pickup.		\$470.00
SAFE-T	Amerex 5lb Fire extinguisher, First Aide Only first aid kit, and King James & Co road triangles		\$335.00
3KR	Additional key and remote, cut and programmed.		\$310.00
813-3000UL-PU	XANTREX 3000W modified sine inverter mounted behind front passenger seat or under rear passenger seat with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation with 4/0 powr and ground, ignition controlled solenoid, 300A breaker, heat shrink connectors, and wire loom. (Dealer strongly recommends upgrading alternator and addition of auxillary battery)		\$2,060.00
FS MP3-4-AA	(4) Federal Signal Micro Pulse Ultra LED's with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER).		\$945.00
NOTE	WIRED HOT		\$0.00
BUA	Federal Signal 90 dB back-up alarm.		\$185.00
K CAM RELOCATE	TRANSFER FACTORY CAMERA FROM PICK UP GATE TO LIFTGATE		\$308.00
K 7/4 WIRE	7 way flat camper trailer wiring with 4 prong flat		\$215.00
K 696-60B	Knapheide 8' SRW utility body for 56" CA w/ 60" high front raised compartments on street and curb side. (Includes 2nd Stage MSO, Weight Slip, & Completed Vehicle Certification.)		\$12,464.00

**SOURCEWELL CONTRACT # 2025 091521-NAF & 032824-NAF**

[www.NationalAutoFleetGroup.com](http://www.NationalAutoFleetGroup.com)

PADDLE	Paddel handles std.	\$0.00
K CTEC 700104	C-TEC DRAWER UNIT [24 X 31.8 X 12] 5-Drawers Total. Four 3" Drawers, One 5" Drawer. 250lb Capacity per Drawer / Telescopic Top Shelf (Furnished and installed in Streetside Front Compartment.) (inc: front to back separators)	\$1,684.00
K SORTIMO-2	(6) Narrow Sortimo bins installed in horizontal compartment on both sides	\$755.00
K MLS-6	Master locking system 6-door bodies	\$928.00
K WATER TANK	FURNISH AND INSTALL 30 GALLON WATER TANK -MOUNTED TO STREET SIDE COMPARTMENT TOP-	\$505.00
K 110 FTT	110 Gallon fuel transfer tank. Includes GPI 12V fuel pump, 3/4 x 4" filter kit (10 micron), GPI digital fuel meter, 12' OF 3/4" hose, tank installed to bulkhead of utility body.	\$2,976.00
K SPRAY	APPLY SPRAY LINER ON CARGO AREA, COMPARTMENT TOPS AND REAR BUMPER.	\$1,416.00
K AL HAR	KTEC Alum Headach Rack (Octagonal)	\$1,500.00
EWD	EXTENDED WARRANTY DECLINED	\$0.00
NEW-TAG-STATE	New STATE tag Includes temp tag & two way overnight shipping for signature.	\$245.00
<b>CONTRACT OPTIONS</b>		<b>\$27,616.00</b>

TRADE IN

TOTAL COST

\$78,140.00

YES WE TAKE TRADE INS ~~~ ASK ABOUT MUNICIPAL FINANCING ~~~

TOTAL COST LESS TRADE IN(S) QTY 1 \$78,140.00

Estimated Annual payments for 60 months paid in advance: \$17,966.00  
Municipal finance for any essential use vehicle, requires lender approval, WAC.

Comments

QUOTE SUBJECT TO FACTORY ORDER ACCEPTANCE or 30 DAYS

VEHICLE QUOTED BY

ASHLEE WILSON

GOVERNMENT ACCOUNT MANAGER [Ashlee.Wilson@AlanJay.com](mailto:Ashlee.Wilson@AlanJay.com)

"I Want to be Your Fleet Provider"

I appreciate the opportunity to submit this quotation. Please review it carefully. If there are any errors or changes, please feel free to contact me at any time. I am always happy to be of assistance.



Awarded Contract

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Quote

PHONE (800) ALANJAY (252-6529)		DIRECT 863-402-4234	WWW.ALANJAY.COM	55214-4
Corporate Office	2003 U.S. 27 South Sebring, FL 33870	MOBILE 863-273-1105	Mailing Address	P.O. BOX 9200 Sebring, FL 33871-9200
		FAX 863-402-4221		

ORIGINAL QUOTE DATE  
6/20/2024

# QUICK QUOTE SHEET

REVISED QUOTE DATE  
10/14/2024

REQUESTING AGENCY	LOXAHATCHEE RIVER DISTRICT		
CONTACT PERSON	VINCENT BEATRICE	EMAIL	<a href="mailto:VINCENT.BEATRICE@LRECD.ORG">VINCENT.BEATRICE@LRECD.ORG</a>
PHONE	561-747-5700	MOBILE	561-262-6738
		FAX	

**SOURCEWELL CONTRACT # 2025 091521-NAF & 032824-NAF** [www.NationalAutoFleetGroup.com](http://www.NationalAutoFleetGroup.com)

MODEL	X2X 302A	MSRP	\$61,705.00
	2025D FORD TRANSIT T-350 WAGON HIGH ROOF RWD 148" WB XLT - (12-PASS BASE)		
		NJPA PRICE	\$58,333.00

## BED LENGTH

\*\* All vehicles will be ordered white w/ darkest interior unless clearly stated otherwise on purchase order.

FACTORY OPTIONS	DESCRIPTION	
YZ	Oxford White	\$0.00
CK	Dark Palazzo Gray, Cloth Front Bucket Seats	\$0.00
99G	Engine: 3.5L EcoBoost V6	\$2,490.00
44U	Transmission: 10-Spd Automatic w/OD & SelectShift	\$0.00
16E	OPTIONS Front & Rear Vinyl Floor Covering	\$0.00
19N	180-Degree Rear Door	\$0.00
21L	Dark Palazzo Gray Cloth Bucket Seats	\$0.00
302A	Order Code 302A	\$0.00
53B	Heavy-Duty Trailer Tow Package	\$480.00
64H	Wheels: 16" Steel w/Full Silver Cover	\$0.00
68H	Running Boards	\$305.00
92E	Privacy Glass	\$495.00
X73	3.73 Axle Ratio	\$0.00
	GVWR: 9,400 lb	\$0.00

**FACTORY OPTIONS \$3,770.00**

CONTRACT OPTIONS	DESCRIPTION	
NO-TEMP	TEMP TAG NOT REQUESTED, CUSTOMER WILL HANDLE THEIR OWN TAG WORK.	\$0.00
EWD	EXTENDED WARRANTY DECLINED	\$0.00
3BLS	3rd brake light safety pulse (Pulses 3rd brake light (4) times upon application of brake pedal to increase driver awareness behind you when stopping)	\$200.00

**CONTRACT OPTIONS \$200.00**

**TRADE IN TOTAL COST \$62,303.00**

**YES WE TAKE TRADE INS ~~~ ASK ABOUT MUNICIPAL FINANCING ~~~**

**TOTAL COST LESS TRADE IN(S) QTY 1 \$62,303.00**

Estimated Annual payments for 60 months paid in advance: \$14,324.75  
Municipal finance for any essential use vehicle, requires lender approval, WAC.

**Comments QUOTE SUBJECT TO FACTORY ORDER ACCEPTANCE or 30 DAYS**

VEHICLE QUOTED BY **ASHLEE WILSON** GOVERNMENT ACCOUNT MANAGER [Ashlee.Wilson@AlanJay.com](mailto:Ashlee.Wilson@AlanJay.com)

"I Want to be Your Fleet Provider"

I appreciate the opportunity to submit this quotation. Please review it carefully. If there are any errors or changes, please feel free to contact me at any time. I am always happy to be of assistance.



Awarded Contract

Call Us first, for all of your Fleet Automotive, & Light Truck needs.

Quote

PHONE (800) ALANJAY (252-6529)		DIRECT 863-402-4234	WWW.ALANJAY.COM	55210-19
Corporate Office	2003 U.S. 27 South Sebring, FL 33870	MOBILE 863-273-1105	Mailing Address	P.O. BOX 9200 Sebring, FL 33871-9200
		FAX 863-402-4221		

ORIGINAL QUOTE DATE  
6/20/2024

# QUICK QUOTE SHEET

REVISED QUOTE DATE  
11/15/2024

REQUESTING AGENCY	LOXAHATCHEE RIVER DISTRICT		
CONTACT PERSON	VINCENT BEATRICE	EMAIL	<a href="mailto:VINCENT.BEATRICE@LRECD.ORG">VINCENT.BEATRICE@LRECD.ORG</a>
PHONE	561-747-5700	MOBILE	561-262-6738
		FAX	

SOURCEWELL CONTRACT # 2025 091521-NAF & 032824-NAF

[www.NationalAutoFleetGroup.com](http://www.NationalAutoFleetGroup.com)

MODEL	X5H 660A	MSRP	\$66,000.00
	2025 FORD F-550 SUPER CAB CHASSIS 4WD DRW 192" WB XL 84" CA		
		NJPA PRICE	\$60,673.00

BED LENGTH	84" CA
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\*\* All vehicles will be ordered white w/ darkest interior unless clearly stated otherwise on purchase order.

FACTORY OPTIONS	DESCRIPTION	
Z1	Oxford White	\$0.00
AS	Medium Dark Slate, HD Vinyl 40/20/40 Split Bench Seat	\$0.00
99N	Engine: 7.3L 2V DEVCT NA PFI V8 Gas	\$0.00
44G	OPTIONS Transmission: TorqShift 10-Speed Automatic	\$0.00
52B	Trailer Brake Controller	\$295.00
660A	Order Code 660A	\$0.00
67A	350 Amp Dual Alternators	\$0.00
68M	GVWR: 19,500 lb Payload Plus Upgrade Package	\$1,150.00
86M	Dual 68 AH/65 AGM Battery	\$205.00
872	Rear View Camera & Prep Kit	\$410.00
96V	XL Chrome Package	\$220.00
TGJ	Tires: 225/70Rx19.5G BSW A/P	\$0.00
X8L	Limited Slip w/4.88 Axle Ratio	\$390.00
66S	FACTORY UPFITTER SWITCHES STANDARD ON CAB CHASSIS	\$0.00
PW PL RKE BT	Power Windows, Power Door Locks, Remote Keyless Entry, & Bluetooth features are standard equipment for this vehicle. (See Attached Vehicle Build sheet for complete details)	\$0.00

CONTRACT OPTIONS	DESCRIPTION	FACTORY OPTIONS	
NEW-TAG-STATE	New STATE tag Includes temp tag & two way overnight shipping for signature.		\$245.00
EWD	EXTENDED WARRANTY DECLINED		\$0.00
WTF EXT	Weather Tech floor liner system for extended cab pick-up trucks.		\$315.00
SAFE-T	Amerex 5lb Fire extinguisher, First Aid Only first aid kit, and King James & Co road triangles		\$335.00
3KR	Additional key and remote, cut and programmed.		\$310.00
813-3000UL-PU	XANTREX 3000W modified sine inverter mounted behind front passenger seat or under rear passenger seat with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation with 4/0 powr and ground, ignition controlled solenoid, 300A breaker, heat shrink connectors, and wire loom. (Dealer strongly recommends upgrading alternator and addition of auxillary battery)		\$2,060.00
STEP3-CREW	3" black steal tubular cab step for crew cab pickup.		\$475.00
FS MP3-4-AA	(4) Federal Signal Micro Pulse Ultra LED's with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER).		\$945.00
NOTE	WIRED HOT		\$0.00
AJ COMP 8-LED	LED compartment lights installed in all compartments of 11' service body		\$1,015.00
BUA	Federal Signal 90 dB back-up alarm.		\$185.00
K CAMERA	FACTORY ORDERED REAR VISION CAMERA TO BE INSTALLED ON REAR OF UTILITY BODY -Customer Requests Camera Mounted in location with widest field of view possible.		\$400.00

**SOURCEWELL CONTRACT # 2025 091521-NAF & 032824-NAF**

[www.NationalAutoFleetGroup.com](http://www.NationalAutoFleetGroup.com)

K -KNAP 6132DLR-44	11' Crane body with: -Master locking system - NO Transverse - 1st raised compartment 60" -(1) Sortimo boxes wheel well horizontal - Hitch Asy 2-1/4" rec tube with 19,500 lb max trailer weight & 7 and 4 pin Please see attached Knapheide quote for further details.	\$66,612.00
K CRANE	STELLAR EC6000 - boom support listed	\$32,706.00
K BEDLINER	SPRAYLINER APPLIED TO CARGO AREA, TOPS OF CABINETS, AND REAR BUMPER	\$1,454.00
K PRESSURE WASH	PRESSURE WASHER 3000 PSI @ 5.0 GPM Belt Drive Honda GX390 TRIPLEX COMET FW2 5030S TO BE MOUNTED ON DS TOP COMPARTMENT. LAB MECH- PLUMBING PIPING AND VALVE FOR WASHING STATION. W/ 35 GA PLASTIC HORIZONTAL LEG TANK (WHITE) - TO BE MOUNTED ON DS TOP COMPARTMENT HIGHER THAN THE PRESSURE WASHER. HOSE REEL MODEL 1185-2020-BAXX 3/8 REEL, MOUNTED UNDER CRANE	\$10,393.00
K LOX CAM	ROSTRA CAMERA SCREEN WITH BULLET CAMERA, MONITOR MOUNTED ON DASH ( TO BE ACTIVATED AT ALL TIMES )	\$984.00
K COMPRESS	COMPRESSOR: 2475F13GH, Honda Gas Engine Driven Package, 2475 Bare, 30H Tank, 175 PSIG, Constant Speed Control, 13HP Reciprocating Compressor	\$6,616.00
K DISPLAY	BACK ZONE 4-SENSOR KIT W/DIGITAL DISPLAY	\$638.00
K GO-LED	GO-LIGHT INSTALLED ON TRANSVERSE COMPARTMENT CENTER MNT	\$1,550.00
K LIGHT LED	2 MOUNED ON TRANSVERSE ON EACH SIDE, 2 MOUNTED AT REAR OF BODY	\$1,250.00
K COM LED	COMPARTMENT LIGHTING	\$1,620.00
ASSUME	ANY ITEMS NOT SPECIFICALLY LISTED ON THIS QUOTE ARE TO BE ASSUMED UNAVAILABLE OR NOT INCLUDED.	\$0.00
<b>CONTRACT OPTIONS</b>		<b>\$130,108.00</b>

TRADE IN

TOTAL COST

\$193,451.00

**YES WE TAKE TRADE INS ~~~ ASK ABOUT MUNICIPAL FINANCING ~~~**

TOTAL COST LESS TRADE IN(S)

QTY

1

\$193,451.00

Estimated Annual payments for 60 months paid in advance: \$44,478.38

Municipal finance for any essential use vehicle, requires lender approval, WAC.

Comments

**QUOTE SUBJECT TO FACTORY ORDER ACCEPTANCE or 30 DAYS**

VEHICLE QUOTED BY

ASHLEE WILSON

GOVERNMENT ACCOUNT MANAGER

[Ashlee.Wilson@AlanJay.com](mailto:Ashlee.Wilson@AlanJay.com)

"I Want to be Your Fleet Provider"

I appreciate the opportunity to submit this quotation. Please review it carefully. If there are any errors or changes, please feel free to contact me at any time. I am always happy to be of assistance.



**Contact(s): Jorge Guerrero**  
 jguerrero@knapheide.com  
 7865750611

**Jorge Guerrero (Inside Sales)**  
 jguerrero@knapheide.com

**Jorge Guerrero (Outside Sales)**  
 jguerrero@knapheide.com  
 7865750611

**Customer: Alan Jay Ford Lincoln Mercury**

**ID:** 301140  
**Address:** 5330 U.S. HWY 27 SOUTH

**Phone:** 8002526529  
**Contact:** Ashlee Wilson

**Terms:** NET 30 DAYS  
**Bid Spec:** MDWS

SEBRING, FL 33870  
**Description:** 6132DLHR-60 CRANE/ ITB / OPTIONS MUNI  
**Email:** ashlee.wilson@alanjay.com

**Quote Information:**

**Customer Request Date:** 08/03/2024  
**Quote Completed Date:**  
**# of Units:** 1

**Delivery Information:**

**Total Price Includes F.O.B.:**  
**Ship Via:**  
**Ship To:** Alan Jay Ford Lincoln Mercury  
 FLEET ACCOUNTING  
 5330 US HIGHWAY 27 S  
 SEBRING, FL 33870-5661

Item	Description	Quantity	Total
PACKAGE	6132DLHR-60 Crane Body includes lights, (6) recessed tie downs, (2) grab handles OVERALL LENGTH: - - - - - 133-1/4" 2V = 31-1/4" in length x 52" high OVERALL WIDTH: - - - - - 94" H = 52-3/4" in length x 22-1/2" high FLOOR WIDTH: - - - - - 50" 3V = 25-1/4" in length x 52" high ----- 1st Ps raised compartment 60" Paddle latches on all compartments except raised and crane compartment ----- 1-Adjustable Shelf RRV (1) total ----- 1 sortimo boxes over wheel well horizontal ----- (1) drawer unit installed on ds front compartment Drawer unit dimensions 28" X 31.8 "X 17.5 "Drawer size 2-3" 1-4" 1-5" 1-6" 1-7" Front to back dividers for drawer unit included ----- Bumper tail shelf Ay DLHH-60 ----- Hitch Asy 2-1/4" rec tube with 19,500 lb max trailer weight ----- Mounting Plate for pressure washer installed on top compartment on street side front between tank in the front and compressor ----- Mounting Plate, for Compressor installed on top of compartment on street top rear ----- Master Locking System included ----- 7 and 4 pin trailer plug ----- Aluminum cab protector with bracket for center mounted go light.		

PACKAGE	STELLAR EC6000 boom support listed	
34996369	Spray Liner, Cargo area compartment tops and rear bumper	
PACKAGE	PRESSURE WASHER SYSTEM PRESSURE WASHER 3000 PSI @ 5.0 GPM Belt Drive Honda GX390 TRIPLEX COMET FW2 5030S **** MOUNTED ON DS TOP COMPARTMENT **** PLUMBING PIPING AND VALVE FOR WASHING STATION 35 Gallon Plastic Horizontal Leg Tank in White **** MOUNTED ON DS TOP COMPARTMENT HIGHER THAN PRESSURE WASHER	
35139058	Install OEM-Supplied Back Up Camera to OEM Monitor (when truck is ordered with OEM back-up camera option)	
PACKAGE	ROST 250-8220 ROSTRA CAMERA SCREEN WITH BULLET CAMERA MONITOR MOUNTED ON DASH ( TO BE ACTIVATED AT ALL TIMES ) ***** CAMERA LOCATION WILL BE DETERMINED AT TIME OF ORDER	
PACKAGE	COMPRESSOR 2475F13GH, Honda Gas Engine Driven Package, 2475 Bare, 30H Tank, 175 PSIG, Constant Speed Control, 13HP Reciprocating Compressor	
36122605	DELIVERY - OUT OF LOCAL AREA DELIVERY - OUT OF LOCAL AREA	
PACKAGE	GO LIGHT INSTALLED ON TRANSVERSE COMPARTMENT CENTER MOUNTED	
PACKAGE	WORK LIGHTS 2 MOUNED ON TRANSVERSE ON EACH SIDE 2 MOUNTED AT REAR OF BODY	
PACKAGE	8 COMPARTMENT LED LIGHTS	
<b>Total does not include any applicable taxes or transportation charges unless specifically noted herein:</b>		<b>Subtotal:</b>
		<b>Total:</b>

The following option(s) may be added:

Call Us first, for all of your Fleet Automotive, & Light Truck needs.

Quote

PHONE (800) ALANJAY (252-6529)		DIRECT 863-402-4234	WWW.ALANJAY.COM	55200-17
Corporate Office	2003 U.S. 27 South Sebring, FL 33870	MOBILE 863-273-1105	Mailing Address	P.O. BOX 9200 Sebring, FL 33871-9200
		FAX 863-402-4221		

ORIGINAL QUOTE DATE  
6/20/2024

## QUICK QUOTE SHEET

REVISED QUOTE DATE  
11/15/2024

REQUESTING AGENCY	LOXAHATCHEE RIVER DISTRICT		
CONTACT PERSON	VINCENT BEATRICE	EMAIL	<a href="mailto:VINCENT.BEATRICE@LRECD.ORG">VINCENT.BEATRICE@LRECD.ORG</a>
PHONE	561-747-5700	MOBILE	561-262-6738
		FAX	

SOURCEWELL CONTRACT # 2025 091521-NAF & 032824-NAF

[www.NationalAutoFleetGroup.com](http://www.NationalAutoFleetGroup.com)

MODEL	X5H 660A	MSRP	\$66,000.00
	2025D FORD F-550 SUPER CAB CHASSIS 4WD DRW 192" WB XL 84" CA		
		NJPA PRICE	\$60,895.00

BED LENGTH	84" CA
------------	--------

\*\* All vehicles will be ordered white w/ darkest interior unless clearly stated otherwise on purchase order.

FACTORY OPTIONS	DESCRIPTION	
Z1	Oxford White	\$0.00
AS	Medium Dark Slate, HD Vinyl 40/20/40 Split Bench Seat	\$0.00
99N	Engine: 7.3L 2V DEVCT NA PFI V8 Gas	\$0.00
44G	OPTIONS Transmission: TorqShift 10-Speed Automatic	\$0.00
52B	Trailer Brake Controller	\$295.00
660A	Order Code 660A	\$0.00
67A	350 Amp Dual Alternators	\$0.00
68M	GVWR: 19,500 lb Payload Plus Upgrade Package	\$1,150.00
86M	Dual 68 AH/65 AGM Battery	\$205.00
872	Rear View Camera & Prep Kit	\$410.00
96V	XL Chrome Package	\$220.00
TGJ	Tires: 225/70Rx19.5G BSW A/P	\$0.00
X8L	Limited Slip w/4.88 Axle Ratio	\$390.00
66S	FACTORY UPFITTER SWITCHES (STD ON CAB CHASSIS)	\$0.00
PW PL RKE BT	Power Windows, Power Door Locks, Remote Keyless Entry, & Bluetooth features are standard equipment for this vehicle. (See Attached Vehicle Build sheet for complete details)	\$0.00

CONTRACT OPTIONS	DESCRIPTION	FACTORY OPTIONS	
NEW-TAG-STATE	New STATE tag Includes temp tag & two way overnight shipping for signature.		\$245.00
EWD	EXTENDED WARRANTY DECLINED		\$0.00
WTF EXT	Weather Tech floor liner system for extended cab pick-up trucks.		\$315.00
SAFE-T	Amerex 5lb Fire extinguisher, First Aid Only first aid kit, and King James & Co road triangles		\$335.00
3KR	Additional key and remote, cut and programmed.		\$310.00
813-3000UL-PU	XANTREX 3000W modified sine inverter mounted behind front passenger seat or under rear passenger seat with ignition sourced remote / user control mounted on dash mounted on dash. (Alternate mounting location may be required due to clearance.) Includes freight and installation with 4/0 powr and ground, ignition controlled solenoid, 300A breaker, heat shrink connectors, and wire loom. (Dealer strongly recommends upgrading alternator and addition of auxillary battery)		\$2,060.00
STEP3-CREW	3" black steel tubular cab step for crew cab pickup.		\$475.00
FS MP3-4-AA	(4) Federal Signal Micro Pulse Ultra LED's with (2) mounted in grille and (2) mounted to rear of vehicle (AMBER).		\$945.00
NOTE	WIRED HOT		\$0.00
BUA	Federal Signal 90 dB back-up alarm.		\$185.00
K CAMERA	FACTORY ORDERED REAR VISION CAMERA TO BE INSTALLED ON REAR OF UTILITY BODY -Customer Requests Camera Mounted in location with widest field of view possible.		\$400.00

**SOURCEWELL CONTRACT # 2025 091521-NAF & 032824-NAF**

**www.NationalAutoFleetGroup.com**

K 6132DLHR-60	11' Crane body with: -Master locking system - 1 sortimo boxes over wheel well horizontal - Hitch Asy 2-1/4" rec tube with 19,500 lb max trailer weight / 7 & 4 pin Please see attached Knapheide quote for further details.	\$74,727.00
K CRANE	STELLAR EC6000 ELEC - BOOM REST INCLUDED	\$32,706.00
K COM LED	COMPARTMENT LIGHTING	\$1,620.00
K BEDLINER	SPRAYLINER APPLIED TO CARGO AREA, TOPS OF CABINETS, AND REAR BUMPER	\$1,454.00
K PRESSURE WASH	PRESSURE WASHER 3000 PSI @ 5.0 GPM Belt Drive Honda GX390 TRIPLEX COMET FW2 5030S TO BE MOUNTED ON DS TOP COMPARTMENT. LAB MECH- PLUMBING PIPING AND VALVE FOR WASHING STATION. W/ 35 GA PLASTIC HORIZONTAL LEG TANK (WHITE) - TO BE MOUNTED ON DS TOP COMPARTMENT HIGHER THAN THE PRESSURE WASHER. HOSE REEL MODEL 1185-2020-BAXX 3/8 REEL, MOUNTED UNDER CRANE	\$10,393.00
K LOX CAM	ROSTRA CAMERA SCREEN WITH BULLET CAMERA, MONITOR MOUNTED ON DASH ( TO BE ACTIVATED AT ALL TIMES )	\$984.00
K COMPRESS	COMPRESSOR: 2475F13GH, Honda Gas Engine Driven Package, 2475 Bare, 30H Tank, 175 PSIG, Constant Speed Control, 13HP Reciprocating Compressor	\$6,616.00
K DISPLAY	BACK ZONE 4-SENSOR KIT W/DIGITAL DISPLAY	\$638.00
K GO-LED	GO-LIGHT INSTALLED ON TRANSVERSE COMPARTMENT CENTER MNT	\$1,550.00
K LIGHT LED	2 MOUNED ON TRANSVERSE ON EACH SIDE, 2 MOUNTED AT REAR OF BODY	\$1,250.00
ASSUME	ANY ITEMS NOT SPECIFICALLY LISTED ON THIS QUOTE ARE TO BE ASSUMED UNAVAILABLE OR NOT INCLUDED.	\$0.00
<b>CONTRACT OPTIONS</b>		<b>\$137,208.00</b>

TRADE IN

TOTAL COST

**\$200,773.00**

**YES WE TAKE TRADE INS ~~~ ASK ABOUT MUNICIPAL FINANCING ~~~**

TOTAL COST LESS TRADE IN(S)

QTY

1

**\$200,773.00**

Estimated Annual payments for 60 months paid in advance: \$46,161.86

Municipal finance for any essential use vehicle, requires lender approval, WAC.

Comments

**QUOTE SUBJECT TO FACTORY ORDER ACCEPTANCE or 30 DAYS**

VEHICLE QUOTED BY

ASHLEE WILSON

GOVERNMENT ACCOUNT MANAGER

[Ashlee.Wilson@AlanJay.com](mailto:Ashlee.Wilson@AlanJay.com)

*"I Want to be Your Fleet Provider"*

*I appreciate the opportunity to submit this quotation. Please review it carefully. If there are any errors or changes, please feel free to contact me at any time. I am always happy to be of assistance.*



Seller: Knapheide Truck Equipment Center Miami  
 2900 NW 73RD ST  
 MIAMI, FL 33147-5953  
 www.knapheide.com

**QUOTE:**  
**QU-58-875718-9**  
**Quote Expiration:**  
**12/15/2024**

**Contact(s): Jorge Guerrero**  
 jguerrero@knapheide.com  
 7865750611

**Jorge Guerrero (Inside Sales)**  
 jguerrero@knapheide.com

**Jorge Guerrero (Outside Sales)**  
 jguerrero@knapheide.com  
 7865750611

**Customer: Alan Jay Ford Lincoln Mercury**

**ID:** 301140  
**Address:** 5330 U.S. HWY 27 SOUTH

**Phone:** 8002526529  
**Contact:** Ashlee Wilson

**Terms:** NET 30 DAYS  
**Bid Spec:** MDWS

SEBRING, FL 33870  
**Description:** 6132DLHR-60 / CRANE/ ITB / OPTIONS SPEC 63  
**Email:** ashlee.wilson@alanjay.com

**Quote Information:**

**Customer Request Date:** 08/03/2024  
**Quote Completed Date:**  
**# of Units:** 1

**Delivery Information:**

**Total Price Includes F.O.B.:**  
**Ship Via:**  
**Ship To:** Alan Jay Ford Lincoln Mercury  
 FLEET ACCOUNTING  
 5330 US HIGHWAY 27 S  
 SEBRING, FL 33870-5661

Item	Description	Quantity	Total
PACKAGE	<p>6132DLHR-60 Crane Body includes lights,            (6) recessed tie downs, (2) grab handles            OVERALL LENGTH: - - - - - 133-1/4" 2V = 31-1/4" in length x 52" high            OVERALL WIDTH: - - - - - 94" H = 52-3/4" in length x 22-1/2" high            FLOOR WIDTH: - - - - - 50" 3V = 25-1/4" in length x 52" high</p> <p>-----</p> <p>1st compartment both sides – Transverse compartment dimensions 24" in length x 60" high            1 Adjustable Shelf for transverse compartment            Transverse compartment to have clearest plasti-glass with mesh protection measuring 12"h x 24" w</p> <p>-----</p> <p>2nd front compartment on ps 60"            (2) drawer units installed on 2nd front compartments            Drawer unit dimensions 28" X 31.8 "X 17.5 "Drawer size 2-3" 1-4" 1-5" 1-6" 1-7"            Front to back dividers for drawer unit included</p> <p>-----</p> <p>1-Adjustable Shelf RRV (1) total</p> <p>-----</p> <p>1 sortimo boxes over wheel well horizontal</p> <p>-----</p> <p>Bumper tail shelf Ay DLHH-60</p> <p>-----</p> <p>Hitch Asy 2-1/4" rec tube with 19,500 lb max trailer weight</p> <p>-----</p> <p>Mounting Plate for pressure washer installed on top compartment on street side front between tank in the front and compressor</p> <p>-----</p> <p>Mounting Plate, for Compressor installed on top of compartment on street top rear</p> <p>-----</p> <p>Master Locking System included</p> <p>-----</p> <p>7 and 4 pin trailer plug</p> <p>-----</p>		

PACKAGE	STELLAR EC6000 ELEC BOOM REST INCLUDED		
PACKAGE	COMPARTMENT LIGHTING		
34996369	Spray Liner, Cargo area compartment tops and rear bumper		
PACKAGE	PRESSURE WASHER SYSTEM PRESSURE WASHER 3000 PSI @ 5.0 GPM Belt Drive Honda GX390 TRIPLEX COMET FW2 5030S **** MOUNTED ON DS TOP COMPARTMENT **** PLUMBING PIPING AND VALVE FOR WASHING STATION 35 Gallon Plastic Horizontal Leg Tank in White **** MOUNTED ON DS TOP COMPARTMENT HIGHER THAN PRESSURE WASHER		
35139058	Install OEM-Supplied Back Up Camera to OEM Monitor (when truck is ordered with OEM back-up camera option)		
PACKAGE	ROST 250-8220 ROSTRA CAMERA SCREEN WITH BULLET CAMERA MONITOR MOUNTED ON DASH ( TO BE ACTIVATED AT ALL TIMES ) ***** CAMERA LOCATION WILL BE DETERMINED AT TIME OF ORDER		
PACKAGE	COMPRESSOR 2475F13GH, Honda Gas Engine Driven Package, 2475 Bare, 30H Tank, 175 PSIG, Constant Speed Control, 13HP Reciprocating Compressor		
36122605	DELIVERY - OUT OF LOCAL AREA DELIVERY - OUT OF LOCAL AREA		
PACKAGE	GO LIGHT INSTALLED ON TRANSVERSE COMPARTMENT CENTER MOUNTED		
PACKAGE	WORK LIGHTS 2 MOUNED ON TRANSVERSE ON EACH SIDE 2 MOUNTED AT REAR OF BODY		
<b>Total does not include any applicable taxes or transportation charges unless specifically noted herein:</b>		<b>Subtotal:</b>	
		<b>Total:</b>	

The following option(s) may be added:



# 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](http://loxahatcheeriver.org)

## MEMORANDUM

To: D. ALBREY ARRINGTON, Ph.D., Executive Director  
 FROM: JASON A. PUGSLEY, P.E., Operations – Plant Manager  
 DATE: NOVEMBER 15, 2024  
 SUBJECT: FISCAL YEAR 2025 – ANNUAL PURCHASE ORDER AUTHORIZATION FOR EVOQUA ODOR CONTRACT PRICING EXTENSION

Evoqua Water Technologies, Inc. (Evoqua) supplies the District with chemicals and/or equipment that assists with odor control management at our plant site and within the collection system. Evoqua recently executed a new contract with Lee County for “Corrosion and Odor Control Services” under RFP No. RFP240129DJN. The new contract includes fixed unit cost rates for an initial three (3) year contract period. Evoqua has extended the offer to the District to “piggy-back” the recently executed Lee County contract for our wastewater odor and corrosion control program.

The unit cost rates in the Lee County contract, which are currently applicable to the services utilized by the District, are as follows:

- 25% Sodium Hydroxide: \$5.04/gallon vs. previous unit rate of \$4.89/gallon
- 12% Sodium Hypochlorite: \$8.70/gallon vs. previous unit rate of \$4.20/gallon
- Master LS Biofilter Lease: \$3,354.00/mo., unchanged
- WWTF HW Biofilter Lease: \$6,651.68/mo., unchanged
- Sludge Tank Biofilter Lease: \$14,744.00/mo., Future Use

The District currently utilizes a chemical type, odor control system to capture and treat hydrogen sulfide laden vapors from the headspace of the sludge storage tank. Chemical type systems neutralize these odors using sodium hydroxide and sodium hypochlorite. During the August 2024 Board meeting, Staff recommended, and the Board authorized the replacement of the existing chemical odor control system with a biological odor system under a lease agreement with Evoqua. Evoqua is in the process of manufacturing the replacement system and installation is anticipated for late May to early June 2025. The Not-to-Exceed cost proposed below includes the estimated chemical costs required through installation and start-up of the new biological odor control system. Upon successful startup of the system, the District will no longer need to purchase chemicals and the sludge tank biofilter lease cost will apply.

Lee County utilizes a significant amount of chemicals and equipment through Evoqua. As such, the pricing offered under the current contract provides the District with a competitive pricing advantage when compared to the pricing the District would likely receive if we were to bid the items ourselves.

Staff recommends the following motion:

**“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to execute a purchase order to Evoqua Water Technologies, Inc. for the continued supply of odor control chemicals and services, in accordance with a “piggy-back” of Lee County contract RFP240129DJN for the period from November 22, 2024 through September 30, 2025, in an amount Not-to-Exceed \$557,000.00”.**

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



November 3, 2024

Jason A. Pugsley, P.E.  
Loxahatchee River District  
2500 Jupiter Park Drive  
Jupiter, FL 33458-8964  
Email: Jason.pugsley@lrecd.org

**RE: FY2025 PRICING LETTER  
LOXAHATCHEE RIVER DISTRICT**

Dear Mr. Pugsley:

First, let me thank you again for your continued interest in Evoqua Water Technologies and for your confidence in our ability to solve your hydrogen sulfide odor and corrosion control needs.

Evoqua Water Technologies will continue to offer the Lee County Contract Piggyback for the period of November 14, 2024 through November 13, 2027.

Under the Lee County contract, the pricing for the products and services you are currently using are as follows.

<b>Sodium Hydroxide 25%:</b>	<b>\$5.04 per gallon</b>
<b>Sodium Hypochlorite:</b>	<b>\$8.70 per gallon</b>
<b>Master Lift Station Biofilter:</b>	<b>\$3,354.00 per month</b>
<b>WWTF Headworks Biofilter:</b>	<b>\$6,851.00 per month</b>
<b>Sludge Holding Tank Biofilter:</b>	<b>\$14,744.00 per month</b>

Terms and conditions of the existing Lee County contract shall apply. These prices do not include any applicable taxes.

Thank you again for the opportunity to be of service. We look forward to continuing to serve Loxahatchee River District in the years to come. If you have any questions regarding this information or if I can be of assistance in any way, please do not hesitate to call me at (951) 326-7415.

Sincerely,

**Evoqua Water Technologies LLC**

*Eric Hansen*

Eric Hansen - Technical Sales Representative



**From:** [Hansen, Eric C - Xylem](#)  
**Subject:** Fwd: Signed Contract - Evoqua RFP240129DJN - Odor Control  
**Date:** Wednesday, November 13, 2024 4:56:25 PM  
**Attachments:** [image001.png](#)  
[image012.png](#)  
[image013.png](#)  
[image014.png](#)  
[image015.png](#)  
[image016.png](#)  
[image017.png](#)  
[image018.png](#)  
[image019.png](#)  
[image020.png](#)  
[image002.png](#)

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Please see below from Lee County. I will send the final copy when we receive it. Hopefully the below from the County can suffice until we receive the final copy.

If you could reply to this email with your approval to continue service in the interim per the new contract that would be great.

Eric Hansen  
Xylem - Utility Services  
Cell: 951-326-7415

---

**From:** Trueblood, Nick <NTrueblood@leegov.com>  
**Sent:** Wednesday, November 13, 2024 4:45 PM  
**To:** Hansen, Eric C - Xylem <eric.c.hansen@xylem.com>  
**Cc:** Whalen, Sheri L - Xylem <sheri.whalen@xylem.com>; Napier, Darvis <DNapier@leegov.com>  
**Subject:** RE: Signed Contract - Evoqua RFP240129DJN - Odor Control

Good Afternoon Eric,

Unfortunately it is not back from routing. However once the Board approve a contract it is approved and signatures are a formality. It does state in the contract that it becomes effective on November 14, 2024. Even though it is not back from routing, it is still effective and you may perform work under this contract beginning tomorrow. We will send you the final executed version expeditiously when received. I hope this helps and I apologize for the timeline.

## II. TERM AND DELIVERY

- A. This Agreement shall commence immediately upon the effective date and shall continue through the delivery of the Purchase and the associated warranty period as further described in this Agreement on an "as needed basis" for one (1), three (3) year period. Upon mutual written agreement of both parties, the parties may renew the Agreement, in whole or in part,

Page 1 of 28

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for a renewal term or terms not to exceed the term of two (2) years. The increments of renewal shall be at the sole discretion of the County as deemed in its best interest. The effective date shall be November 14, 2024, the date the Lee County Board of County Commissioners awarded the Solicitation to the Vendor.

Respectfully,



### **Nick Trueblood | Resource Analyst**

Procurement Management Department/ Facilities Construction and Management

1500 Monroe St. 4th Floor. Ft. Myers, FL 33901

**office:** (239) 533-8836

**cell:** (239) 839-2329

**email:** [Ntrueblood@leegov.com](mailto:Ntrueblood@leegov.com)

**web:** [www.leegov.com](http://www.leegov.com)

Connect With Us On Social Media



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**From:** Hansen, Eric C - Xylem <[eric.c.hansen@xylem.com](mailto:eric.c.hansen@xylem.com)>

**Sent:** Wednesday, November 13, 2024 4:00 PM

**To:** Trueblood, Nick <[NTrueblood@leegov.com](mailto:NTrueblood@leegov.com)>

**Cc:** Whalen, Sheri L - Xylem <[sheri.whalen@xylem.com](mailto:sheri.whalen@xylem.com)>; Napier, Darvis <[DNapier@leegov.com](mailto:DNapier@leegov.com)>

**Subject:** Re: Signed Contract - Evoqua RFP240129DJN - Odor Control



# 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](http://loxahatcheeriver.org)

## MEMORANDUM

To: Governing Board  
 From: Kara Fraraccio, Director of Finance and Administration  
 Date: November 15, 2024  
 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	C1011809-1203	Beyond Repair	\$50
7.5 HP Flygt Pump	FLY-8880032	Beyond Repair	\$100
7.5 HP Flygt Pump	FLY-8880033	Beyond Repair	\$100
10 HP Barnes Pump	FLY-0560714	Beyond Repair	\$100
10 HP Barnes Pump	FLY-9580280	Beyond Repair	\$100

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.”**

**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



# 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](http://loxahatcheeriver.org)

## MEMORANDUM

**TO:** GOVERNING BOARD  
**FROM:** D. ALBREY ARRINGTON, Ph.D.  
**DATE:** NOVEMBER 12, 2024  
**SUBJECT:** EMPLOYEE INSURANCE BENEFITS

It is time to renew our employee benefit insurance policies. Only our medical policy is up for renewal. Our other policies have a rate lock through the end of 2025 or 2026 (see table below). I am pleased to report that the Gehring Group was successful in negotiating an acceptable renewal quote for our existing medical insurance with Florida Blue.

Insurance Type	Company	2024 Premium <sup>¶</sup>	2025 Premium <sup>¶</sup>
Medical	Florida Blue 03559	\$ 1,682,320	\$ 1,830,515 (8.8%)
Dental	Sun Life	\$ 32,818	Rate lock through 2025
Long Term Disability	New York Life	\$ 37,958	Rate lock through 2026
Life and AD&D <sup>†</sup>	New York Life	\$ 9,312	Rate lock through 2026
Voluntary Vision	Humana 130 Insight	\$ 6,999	Rate lock through 2026

<sup>†</sup> = Accidental Death and Dismemberment

<sup>¶</sup> = Projected based on anticipated employees and elected coverages

The Florida Blue 03559 renewal premium shown is an 8.8% increase, which is slightly lower than the medical inflation rate of 9%. Furthermore, our 2025 premium is less than what we paid in 2023 with Cigna. Therefore, I recommend renewing our Florida Blue 03559 existing medical insurance plan for 2025. I appreciate the Gehring Group’s efforts in negotiating this renewal quote.

Our dental insurance with Sun Life has a premium rate lock through the end of 2025. Our long-term disability, life and accidental death and dismemberment, and voluntary vision policies have a premium rate lock through 2026. So, we do not need to address these policies at this time.

Based on these factors, I request your approval of the following motion:

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

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

**Loxahatchee River District  
Medical Insurance Evaluation  
Effective Date: January 1, 2025**



**CURRENT**

**NEGOTIATED RENEWAL**

SCHEDULE OF BENEFITS	Florida Blue - 03559		Florida Blue - 03559	
	In Network	Out of Network	In Network	Out of Network
<b>Plan Basics</b>	BlueOptions		BlueOptions	
Network Name	BlueOptions		BlueOptions	
<b>Calendar Year Deductible</b>				
Single	\$500	\$750	\$500	\$750
Family	\$1,500	\$2,250	\$1,500	\$2,250
<b>Out of Pocket CYM</b>				
Single	\$2,500	\$5,000	\$2,500	\$5,000
Family	\$5,000	\$10,000	\$5,000	\$10,000
Coinsurance (Member Pays)	20%	40%	20%	40%
<b>Non-Hospital Services</b>				
Primary Care Physician	\$20	40% after CYD	\$20	40% after CYD
Specialist	\$40	40% after CYD	\$40	40% after CYD
Virtual Office Visits	No Charge/\$40	Not Covered	No Charge/\$40	Not Covered
Preventive Care	No Charge	40%	No Charge	40%
Independent Clinical Lab (Bloodwork)	No Charge	40% after CYD	No Charge	40% after CYD
X-Rays	\$50	40% after CYD	\$50	40% after CYD
Advanced Imaging	\$150	40% after CYD	\$150	40% after CYD
Urgent Care	\$45	\$45 after CYD	\$45	\$45 after CYD
<b>Hospital Services</b>				
Inpatient Hospital	\$600	40% after CYD	\$600	40% after CYD
Outpatient Hospital	\$200	40% after CYD	\$200	40% after CYD
Physician Services at Hospital	20% after CYD	20% after INN CYD	20% after CYD	20% after INN CYD
Emergency Room	\$100	\$100	\$100	\$100
<b>Mental Health / Substance Abuse</b>				
Inpatient Hospital	No Charge	40%	No Charge	40%
Outpatient Hospital	No Charge	40%	No Charge	40%
Outpatient Office Visit	No Charge	40%	No Charge	40%
<b>Pharmacy</b>				
Tier 1	\$10	50%	\$10	50%
Tier 2	\$50		\$50	
Tier 3	\$80		\$80	
Tier 4	N/A		N/A	
Speciality	20%		20%	
Mail Order Copay	\$25/\$125/\$200	Not Covered	\$25/\$125/\$200	Not Covered
<b>Rates</b>				
Employee	30	\$858.40		\$934.01
Employee + Spouse	19	\$1,957.14		\$2,129.55
Employee + Child(ren)	13	\$1,716.79		\$1,868.03
Family	20	\$2,746.87		\$2,988.84
<b>Monthly Premium</b>	<b>82</b>	<b>\$140,193</b>		<b>\$152,543</b>
<b>Annual Premium</b>		<b>\$1,682,320</b>		<b>\$1,830,515</b>
<b>\$ Increase/(Decrease)</b>		<b>N/A</b>		<b>\$148,195</b>
<b>% Increase/(Decrease)</b>		<b>N/A</b>		<b>8.8%</b>

**Loxahatchee River District  
Dental Insurance Renewal Evaluation  
Effective Date: January 1, 2025**



SCHEDULE OF BENEFITS	CURRENT		RENEWAL	
	Sun Life		Sun Life	
<u>Plan Basics</u>	In Network	Out of Network	In Network	Out of Network
Annual Benefit Maximum	\$1,500		\$1,500	
Orthodontia - Lifetime Max	\$1,500		\$1,500	
<u>Deductibles</u>				
Single	\$50	\$50	\$50	\$50
Family Aggregate	\$150	\$150	\$150	\$150
Ded. Waived for Preventive Services?	Yes	Yes	Yes	Yes
<u>Benefits</u>				
Preventative	100%	100%	100%	100%
Basic	100%	80%	100%	80%
Major	60%	50%	60%	50%
Child Orthodontia	50%	50%	50%	50%
<u>Service Information</u>				
Periodontics and Endodontics	Basic		Basic	
Out of Network Benefits Payable	90th Percentile		90th Percentile	
<u>Rate Guarantee</u>	24 Months: Expires 12/31/2025		24 Months: Expires 12/31/2025	
Employee	33	\$29.21	\$29.21	
Employee + Spouse	21	\$58.02	\$58.02	
Employee + Child(ren)	7	\$64.29	\$64.29	
Employee + Family	1	\$102.47	\$102.47	
<b>Monthly Premium</b>	<b>62</b>	<b>\$2,735</b>	<b>\$2,735</b>	
<b>Annual Premium</b>		<b>\$32,818</b>	<b>\$32,818</b>	
<b>\$ Increase/(Decrease)</b>		<b>N/A</b>	<b>\$0</b>	
<b>% Increase/(Decrease)</b>		<b>N/A</b>	<b>0.0%</b>	



**Loxahatchee River District  
Voluntary Vision Renewal Evaluation  
Effective Date: January 1, 2025**



SCHEDULE OF BENEFITS	CURRENT		RENEWAL	
	Humana 130 Insight		Humana 130 Insight	
<u>Plan Basics</u>	In-Network	Out of Network	In-Network	Out of Network
Examination	\$10 Copay	Up to \$30	\$10 Copay	Up to \$30
Materials	\$15 Copay	Varies	\$15 Copay	Varies
<u>Frequency</u>				
Examination	12 Months		12 Months	
Lenses	12 Months		12 Months	
Frames	24 Months		24 Months	
Contacts	12 Months		12 Months	
<u>Benefits Payable</u>				
Single Lenses	\$15 Copay	Up to \$25	\$15 Copay	Up to \$25
Bifocal Lenses	\$15 Copay	Up to \$40	\$15 Copay	Up to \$40
Trifocal Lenses	\$15 Copay	Up to \$60	\$15 Copay	Up to \$60
Lenticular Lenses	\$15 Copay	Up to \$100	\$15 Copay	Up to \$100
<u>Lenses and Frames</u>				
Contact Lenses (Elective - Conventional)	\$130 Allowance, 15% off balance over \$130	Up to \$104	\$130 Allowance, 15% off balance over \$130	Up to \$104
Contact Lenses (Medically Necessary)	Covered in Full	Up to \$200	Covered in Full	Up to \$200
Frames	\$130 Allowance, 20% off balance over \$130	Up to \$65	\$130 Allowance, 20% off balance over \$130	Up to \$65
<u>Rate Guarantee</u>	24 Months: Expires 12/31/2024		24 Months: Expires 12/31/2026	
Employee	31	\$4.59		\$4.59
Employee + Spouse	15	\$9.19		\$9.19
Employee + Children	8	\$8.73		\$8.73
Employee + Family	17	\$13.72		\$13.72
<b>Monthly Premium</b>	<b>71</b>	<b>\$583</b>		<b>\$583</b>
<b>Annual Premium</b>		<b>\$6,999</b>		<b>\$6,999</b>
<b>\$ Increase/(Decrease)</b>		<b>N/A</b>		<b>\$0</b>
<b>% Increase/(Decrease)</b>		<b>N/A</b>		<b>0.0%</b>

**Loxahatchee River District**  
**Basic Life and AD&D Insurance Renewal Evaluation**  
**Effective Date: January 1, 2025**



	CURRENT	RENEWAL
SCHEDULE OF BENEFITS	New York Life	New York Life
<b><u>Life and AD&amp;D Benefit</u></b>		
Eligibility	Active, FT Employees working 30 or more hours per week	Active, FT Employees working 30 or more hours per week
Employee Benefit	\$50,000	\$50,000
Dependent Life	Spouse Life: \$5,000 (Ends at age 70) Child: \$250 (Birth to 6 months) / \$2,500 (6 months to age 26)	Spouse Life: \$5,000 (Ends at age 70) Child: \$250 (Birth to 6 months) / \$2,500 (6 months to age 26)
<b><u>Features</u></b>		
Waiver of Premium	Included	Included
Accelerated Benefit	75% to \$37,500	75% to \$37,500
Age Reduction Schedule	65% at age 65 50% at age 70 Benefits terminate at retirement	65% at age 65 50% at age 70 Benefits terminate at retirement
<b><u>Rate Guarantee</u></b>		
	<b>36 Months: Expires 12/31/2026</b>	<b>36 Months: Expires 12/31/2026</b>
Basic Life Rate / \$1,000      82	\$0.140	\$0.140
AD&D Rate / \$1,000	\$0.025	\$0.025
<b>Total Life AD&amp;D Rate / \$1,000</b>	<b>\$0.165</b>	<b>\$0.165</b>
Volume	\$3,990,000	\$3,990,000
<b>Monthly Premium</b>	<b>\$658</b>	<b>\$658</b>
<b>Annual Premium</b>	<b>\$7,900</b>	<b>\$7,900</b>
Dependent Basic Life Rate / \$1,000      48	\$2.451	\$2.451
<b>Monthly Premium</b>	<b>\$118</b>	<b>\$118</b>
<b>Annual Premium</b>	<b>\$1,412</b>	<b>\$1,412</b>
<b>Monthly Premium</b>	<b>\$776</b>	<b>\$776</b>
<b>Annual Premium</b>	<b>\$9,312</b>	<b>\$9,312</b>
<b>\$ Increase/(Decrease)</b>	<b>N/A</b>	<b>\$0</b>
<b>% Increase/(Decrease)</b>	<b>N/A</b>	<b>0.0%</b>

**Loxahatchee River District  
Voluntary Life and AD&D Insurance Renewal Evaluation  
Effective Date: January 1, 2025**



	CURRENT	RENEWAL
SCHEDULE OF BENEFITS	New York Life	New York Life
<b>Life and AD&amp;D Benefits</b>		
Eligibility	Active, FT Employees working 30 or more hours per week	Active, FT Employees working 30 or more hours per week
<b>Employee Formula</b>	Increments of \$10,000, NTE the lesser of \$500,000 or 10x Earnings	Increments of \$10,000, NTE the lesser of \$500,000 or 10x Earnings
Guarantee Issue	\$100,000	\$100,000
<b>Spouse Formula</b>	Increments of \$10,000 up to the lesser of \$100,000 or 50% of EE amount (Terminates at age 75)	Increments of \$10,000 up to the lesser of \$100,000 or 50% of EE amount (Terminates at age 75)
Guarantee Issue	\$10,000	\$10,000
<b>Child Formula</b>	Birth to 14 days: \$500, 15 days to 6 months: \$1,000 6 months to age 26: \$10,000	Birth to 14 days: \$500, 15 days to 6 months: \$1,000 6 months to age 26: \$10,000
Guarantee Issue	All Guaranteed Issue	All Guaranteed Issue
<b>Features</b>		
Age Reductions (Reduces to)	60% at 75, 35% at 80, 28% at 85, 20% at 90, 8% at 95	60% at 75, 35% at 80, 28% at 85, 20% at 90, 8% at 95
Accelerated Death Benefit	Included	Included
Conversion	Included	Included
Portability	Included	Included
Waiver of Premium	Included	Included
<b>Rate Guarantee</b>	<b>36 Months: Expires 12/31/2026</b>	<b>36 Months: Expires 12/31/2026</b>
<b>Age Banded Rates/\$1,000</b>		
24 & Under	\$0.070	\$0.070
25-29	\$0.070	\$0.070
30-34	\$0.080	\$0.080
35-39	\$0.100	\$0.100
40-44	\$0.160	\$0.160
45-49	\$0.260	\$0.260
50-54	\$0.500	\$0.500
55-59	\$0.800	\$0.800
60-64	\$0.930	\$0.930
65-69	\$1.680	\$1.680
70-74	\$3.290	\$3.290
75-79	\$8.880	\$8.880
80-84	\$20.150	\$20.150
85-99	\$20.150	\$20.150
Child(ren)	\$0.156	\$0.156
Employee AD&D	\$0.016	\$0.016
Dependent AD&D (Spouse/Child)	\$0.016/\$0.016	\$0.016/\$0.016

**Loxahatchee River District**  
**Long Term Disability Insurance Renewal Evaluation**  
**Effective Date: January 1, 2025**



	CURRENT	RENEWAL
SCHEDULE OF BENEFITS	New York Life	New York Life
<b>Core Benefits</b>		
Eligibility	Active, FT Employees working 30 or more hours per week	Active, FT Employees working 30 or more hours per week
Monthly Benefit	60%	60%
Maximum Monthly Benefit	\$6,500	\$6,500
Elimination Period	90 days	90 days
Own Occupation Period	24 Months	24 Months
Duration of Benefit	SSNRA	SSNRA
Pre-existing Condition Limitation	3/12	3/12
Mental Illness, Alcoholism & Drug Abuse Limitation	24 Months	24 Months
<b>Employee Assistance</b>		
EAP Included in Pricing?	Yes	Yes
<b>Rate Guarantee</b>	<b>36 Months: Expires 12/31/2026</b>	<b>36 Months: Expires 12/31/2026</b>
Rate / \$100	\$0.340	\$0.340
Estimated Volume	\$930,346	\$930,346
<b>Monthly Premium</b>	<b>\$3,163</b>	<b>\$3,163</b>
<b>Annual Premium</b>	<b>\$37,958</b>	<b>\$37,958</b>
<b>\$ Increase/(Decrease)</b>	<b>N/A</b>	<b>\$0</b>
<b>% Increase/(Decrease)</b>	<b>N/A</b>	<b>0.0%</b>

**Loxahatchee River District  
Flexible Spending Account Evaluation  
Effective Date: January 1, 2025**



CURRENT

RENEWAL

Flexible Spending Account	WEX (Previously Known as Discovery Benefits)	WEX (Previously Known as Discovery Benefits)
<b>Features</b>		
Claim Submission Method	Debit Card/Mobile App/Web Portal/Fax/Mail	Debit Card/Mobile App/Web Portal/Fax/Mail
Web Portal	Included	Included
Mobile App	Included	Included
Electronic Enrollment Materials	Included	Included
Reporting	Included	Included
Employee Education Meeting	\$350 per Day + Travel	\$350 per Day + Travel
Nondiscrimination Testing	Included	Included
<b>Rate Guarantee</b>	<b>24 Months: Expires 12/31/2025</b>	<b>24 Months: Expires 12/31/2025</b>
Per Participant Per Month (PPPM) Fee 45	\$4.00	\$4.00
Debit Card PPPM Fee	No Fee	No Fee
Setup Fee(s)	No Fee	No Fee
Annual Renewal Fee	No Fee	No Fee
<b>Monthly Premium</b>	<b>\$180</b>	<b>\$180</b>
<b>Annual Premium</b>	<b>\$2,160</b>	<b>\$2,160</b>
<b>\$ Increase/(Decrease)</b>	<b>N/A</b>	<b>\$0</b>
<b>% Increase/(Decrease)</b>	<b>N/A</b>	<b>0.0%</b>

**Loxahatchee River District**  
**Executive Summary**  
**Effective Date: January 1, 2025**

**No Change to Contribution Strategy**

Monthly Premiums	Enrollment	CURRENT			RENEWAL				ER/Pay (24)	EE/Pay (24)
		Employer	Employee	Total	Employer	Employee	EE \$ Change/Month	Total		
<b>Medical Insurance</b>		Florida Blue - 03559			Florida Blue - 03559					
Employee Only	30	\$746.81	\$111.59	\$858.40	\$812.59	\$121.42	\$9.83	\$934.01	\$406.30	\$60.71
EE + Spouse	19	\$1,702.72	\$254.42	\$1,957.14	\$1,852.71	\$276.84	\$22.42	\$2,129.55	\$926.36	\$138.42
EE + Child	13	\$1,493.61	\$223.18	\$1,716.79	\$1,625.19	\$242.84	\$19.66	\$1,868.03	\$812.60	\$121.42
EE + Family	20	\$2,389.78	\$357.09	\$2,746.87	\$2,600.30	\$388.54	\$31.45	\$2,988.84	\$1,300.15	\$194.27
<b>Annual Total</b>	<b>82</b>	<b>\$1,463,622</b>	<b>\$218,698</b>	<b>\$1,682,320</b>	<b>\$1,592,552</b>	<b>\$237,963</b>		<b>\$1,830,515</b>		
\$ Increase/(Decrease)		N/A	N/A	N/A	\$128,930	\$19,266		\$148,195		
% Increase/(Decrease)		N/A	N/A	N/A	8.8%	8.8%		8.8%		
<b>Dental Insurance</b>		Sun Life			Sun Life				ER/Pay (24)	EE/Pay (24)
Employee	33	\$29.21	\$0.00	\$29.21	\$29.21	\$0.00	\$0.00	\$29.21	\$14.61	\$0.00
EE + Spouse	21	\$58.02	\$0.00	\$58.02	\$58.02	\$0.00	\$0.00	\$58.02	\$29.01	\$0.00
EE + Child	7	\$64.29	\$0.00	\$64.29	\$64.29	\$0.00	\$0.00	\$64.29	\$32.15	\$0.00
EE + Family	1	\$102.47	\$0.00	\$102.47	\$102.47	\$0.00	\$0.00	\$102.47	\$51.24	\$0.00
<b>Annual Total</b>	<b>62</b>	<b>\$32,818</b>	<b>\$0</b>	<b>\$32,818</b>	<b>\$32,818</b>	<b>\$0</b>		<b>\$32,818</b>		
\$ Increase/(Decrease)		N/A	N/A	N/A	\$0	\$0		\$0		
% Increase/(Decrease)		N/A	N/A	N/A	0.0%	0.0%		0.0%		
<b>Voluntary Vision Insurance</b>		Humana Vision 130 Insight			Humana Vision 130 Insight				ER/Pay (24)	EE/Pay (24)
Employee	31	\$0.00	\$4.59	\$4.59	\$0.00	\$4.59	\$0.00	\$4.59	\$0.00	\$2.30
EE + Spouse	15	\$0.00	\$9.19	\$9.19	\$0.00	\$9.19	\$0.00	\$9.19	\$0.00	\$4.60
EE + Child	8	\$0.00	\$8.73	\$8.73	\$0.00	\$8.73	\$0.00	\$8.73	\$0.00	\$4.37
EE + Family	17	\$0.00	\$13.72	\$13.72	\$0.00	\$13.72	\$0.00	\$13.72	\$0.00	\$6.86
<b>Annual Total</b>	<b>71</b>	<b>\$0</b>	<b>\$6,999</b>	<b>\$6,999</b>	<b>\$0</b>	<b>\$6,999</b>		<b>\$6,999</b>		
\$ Increase		N/A	N/A	N/A	\$0	\$0		\$0		
% Increase		N/A	N/A	N/A	0.0%	0.0%		0.0%		
<b>Basic Life Insurance / AD&amp;D</b>		New York Life			New York Life					
Volume		\$3,990,000	\$0	\$3,990,000	\$3,990,000	\$0	N/A	\$3,990,000		
Rate/\$1,000		\$0.165	\$0.000	\$0.165	\$0.165	\$0.000	N/A	\$0.165		
<b>Annual Total</b>		<b>\$7,900</b>	<b>\$0</b>	<b>\$7,900</b>	<b>\$7,900</b>	<b>\$0</b>		<b>\$7,900</b>		
\$ Increase/(Decrease)		N/A	N/A	N/A	\$0	\$0		\$0		
% Increase/(Decrease)		N/A	N/A	N/A	0.0%	0.0%		0.0%		
<b>Dependent Life</b>		New York Life			New York Life					
Volume		48	\$0	48	48	\$0	N/A	48		
Rate/Dep Unit		\$2.451	\$0.000	\$2.451	\$2.451	\$0.000	N/A	\$2.451		
<b>Annual Total</b>		<b>\$1,412</b>	<b>\$0</b>	<b>\$1,412</b>	<b>\$1,412</b>	<b>\$0</b>		<b>\$1,412</b>		
\$ Increase/(Decrease)		N/A	N/A	N/A	\$0	\$0		\$0		
% Increase/(Decrease)		N/A	N/A	N/A	0.0%	0.0%		0.0%		
<b>Long Term Disability</b>		New York Life			New York Life					
Volume		\$930,346	\$0	\$930,346	\$930,346	\$0	N/A	\$930,346		
Rate/\$100 CMP		\$0.340	\$0.000	\$0.340	\$0.340	\$0.000	N/A	\$0.340		
<b>Annual Total</b>		<b>\$37,958</b>	<b>\$0</b>	<b>\$37,958</b>	<b>\$37,958</b>	<b>\$0</b>		<b>\$37,958</b>		
\$ Increase/(Decrease)		N/A	N/A	N/A	\$0	\$0		\$0		
% Increase/(Decrease)		N/A	N/A	N/A	0.0%	0.0%		0.0%		
<b>Monthly Total</b>		<b>\$128,643</b>	<b>\$18,808</b>	<b>\$147,451</b>	<b>\$139,387</b>	<b>\$20,414</b>		<b>\$159,800</b>		
<b>Annual Total</b>		<b>\$1,543,710</b>	<b>\$225,696</b>	<b>\$1,769,407</b>	<b>\$1,672,640</b>	<b>\$244,962</b>		<b>\$1,917,602</b>		
\$ Increase/(Decrease)		N/A	N/A	N/A	\$128,930	\$19,266		\$148,195		
% Increase/(Decrease)		N/A	N/A	N/A	8.4%	8.5%		8.4%		



**D. Albrey Arrington, Ph.D.** EXECUTIVE DIRECTOR

[loxahatcheeriver.org](http://loxahatcheeriver.org)

## MEMORANDUM

**TO:** Governing Board  
**FROM:** D. Albrey Arrington, Ph.D., Executive Director  
**DATE:** November 15, 2024  
**SUBJECT:** Jonathan Dickinson State Park

This past August the 2024-2025 Great Outdoors Initiative was put forth by the Florida Department of Environmental Protection (DEP), and it received immediate pushback from a broad swath of the public. This memo and the following information are intended to generate consideration and discussion by the LRD Governing Board regarding what action, if any, should be taken by LRD beyond the public comment I submitted to DEP on behalf of the District, which is provided on the next 2 pages.

In prior public discussions, the following sentiments were expressed by the LRD Governing Board:

- It is reasonable for the LRD Governing Board to be on the record on this matter.
- Our action should be proactive not reactive.
- We should request adequate notification, comment period, and public comment period if this is reconsidered in the future.
- We should endorse the [open letter](#) signed by US Rep. Mast, US Senator Rubio, US Senator Scott, FL Senator Harrell, FL Rep Snyder, FL Rep Overdorf, and others.
- We should support Senator Harrell's draft legislation.
- LRD should communicate the scientific information showing the negative impact development of non-resource-based recreation, i.e., golf courses, would have on Jonathan Dickinson State Park. On pages 4-6 of this memo I have drafted text to achieve this objective, i.e., potential text that could be used in a draft letter or resolution

**At this time, I am looking for the Governing Board to consider and discuss the following:**

- 1. Do you want to weigh in on this matter now or in the future?**
- 2. Do you prefer to draft, review, approve, and distribute a resolution or a letter?**
- 3. To whom should the resolution or letter be sent?**
- 4. Should we wait to see what legislation is presented by Senator Harrell and/or others in Tallahassee before providing our input?**

**Stephen B. Rockoff**  
CHAIRMAN

**Dr. Matt H. Rostock**  
BOARD MEMBER

**Kevin L. Baker**  
BOARD MEMBER

**Gordon M. Boggie**  
BOARD MEMBER

**Clinton R. Yerkes**  
BOARD MEMBER

**RE: Opposition to proposed Jonathan Dickinson State Park management plan amendments to allow golf course(s) within the park**

My name is D. Albrey Arrington, Ph.D. I am the Executive Director of the Loxahatchee River Environmental Control District. I have served as the Chair of the Loxahatchee River Management Coordinating Council and the Loxahatchee River Preservation Initiative. In addition, I have lived most of my life in Jupiter, FL. I have enjoyed recreating in Jonathan Dickinson State Park (JDSP) since I was a child. I have hiked, paddled, biked, fished, waded, camped, swam, sat quietly, and enjoyed wonderful cook outs with friends and family in JDSP. I have a robust technical, academic, and intimate knowledge of Jonathan Dickinson State Park.

I am adamantly opposed to the proposed modifications to the JDSP management plan. Construction of one golf course or three golf courses is not appropriate within the bounds of JDSP. Golf course construction will impact critical scrub habitats, scrubby flatwoods, and sandhill upland lakes. These habitats support endangered, endemic, and threatened species, e.g., Florida scrub-jays, red-cockaded woodpeckers, gopher tortoises, four-petal pawpaw, Curtiss' milkweed, perforated reindeer lichen, Large-flowered rosemary, nodding pinweed, pineland pinweed, small's milkwort, dancing lady orchid, etc.

The current JDSP Management Plan states: emphasis added and *my thoughts added as sub-bullets*:

- “The (Jonathan Dickinson State) park protects one of Southeast Florida’s largest contiguous areas of natural habitat; representing a diverse mosaic of 16 natural communities, including rare coastal sandhill upland lakes and scrub.”
  - *Replacing these rare and threatened habitats to construct golf courses, which are neither rare nor threatened, is unthinkable.*
- “The original extent of this [scrub] community on the Atlantic Coastal Ridge ranged from North Miami to Cape Canaveral. **Scrub is almost eliminated in Dade and Broward counties and only remnants occur in Palm Beach County. The park contains one of the last remaining coastal scrub stands in southeast Florida.**”
  - *Why would the Department of Environmental Protection think that destroying these incredibly rare habitats would be appropriate. I understand the need to allow and promote recreation, but the balance will have gone too far if you allow a golf course to be constructed in these critically important habitats.*
- Within the park, this [scrub] community is largely found along the eastern part of the park, but also to a lesser extent on various ridges in the interior and in some cases on the edge of river or creek floodplains. The highest elevation in the park is 86 feet at Hobe Mountain (an ancient sand dune) and shows evidence of early Pleistocene shorelines as parallel dune ridges. The view from Hobe Mountain Tower provides a microcosm of the various stages of scrub succession, from a 40-year-old forest to the north, senescent hurricane-killed sand pines around the tower, logged and burned scrub to the east and south and burned (unlogged) scrub directly to the west.”
  - *The proposed revisions to the JDSP management plan would impact some of the most unique and threatened habitats within Florida. This is not a rational plan.*
- “Scrub and scrubby flatwoods dominate the area near US-1.”
- “Sandhill upland lakes are extremely vulnerable to hydrological manipulations. Because of their value to the park and the scrub community, any future and ongoing impacts that would alter their balance and cause an irreversible change in the park's fauna and flora should not be permitted.



Water quality is also an important concern in these oligotrophic systems, especially where these lakes occur on the edges of the park.”

- *Clearly, a golf course, which requires significant irrigation and contributes to nutrient runoff, is not an ideal habitat to add in proximity to scrub and sandhill upland lakes.*
- “Over three thousand acres of scrub and scrubby flatwoods communities within the park, including its many rare species of plants and animals, are important because of the park’s large size and limited distribution in Southeast Florida and throughout Florida.”
  - *While there are 3,000 acres of scrub and scrubby flatwoods within JDSP, these habitats only exist because they are within a state park and have been protected from development. Also, these habitats are more functional, ecologically speaking, because of the extent and distribution of these habitats. Allowing these habitats to be destroyed and/or fragmented to support golf courses will explicitly decrease the amount of habitat available and will degrade the ecological functions of the remaining, fragmented habitats.*
- “A protected zone is an area of high sensitivity or outstanding character from which most types of development are excluded as a protective measure. Generally, facilities requiring extensive land alteration or resulting in intensive resource use, such as parking lots, camping areas, shops or maintenance areas, are not permitted in protected zones. Facilities with minimal resource impacts, such as trails, interpretive signs and boardwalks are generally allowed. All decisions involving the use of protected zones are made on a case-by-case basis after careful site planning and analysis.
  - *I cannot understand why the proposed JDSP management plan amendment allows for the explicit degradation and loss of critical habitat within protected zones within JDSP.*
- At Jonathan Dickinson State Park, the maritime hammock, sandhill, scrub, depression marsh, dome, floodplain swamp, hydric hammock, strand swamp, wet flatwoods, wet prairie, sandhill upland lake, blackwater stream and mangrove swamp communities have been designated as protected zones as delineated on the Conceptual Land Use Plan (Note: For the purpose of clarity, designated protected zones east of the railroad are not illustrated in the Conceptual Land Use Plan.). All wet flatwoods have been mapped as protected zones, however, those areas that are not jurisdictional wetlands may be suitable for development. Jurisdictional determination will be made when necessary for each site on a case-by-case basis. Other protected zones include the area designated as a Wilderness Preserve, the Trapper Nelson Site, some of the Camp Murphy structures and the Loxahatchee Wild and Scenic River.”
  - *So, all scrub habitat and sandhill upland lakes within JDSP are technically designated as “protected zones”. The protected zones east of the railroad tracks were intentionally not shown on maps, but just because the map doesn’t show any protected zones east of the railroad tracks does not mean protected zones don’t exist there.*
  - *The overwhelming majority of the proposed impacts from the JDSP management plan amendment will directly obliterate or degrade existing protected zones, e.g., scrub habitat, sandhill upland lake habitat. I urge you not to support this travesty.*

If State Parks don’t exist to protect and preserve critical habitat, endangered and threatened species, and related ecosystem functions, then I don’t know why they exist. **Please do not revise the JDSP management plan to allow the construction of a golf course within JDSP.**

**POTENTIAL TEXT THAT COULD BE USED IN A DRAFT LETTER OR RESOLUTION:**

We are writing to advocate for the diligent preservation and protection of the native habitats within Jonathan Dickinson State Park (JDSP) for the benefit and enjoyment of current and future generations. JDSP encompasses approximately 11,500 acres, much of which is exceptional habitat including pine flatwoods, mangrove swamps, cypress-dominated riverine ecosystem (i.e., National Wild & Scenic River), wet prairie, maritime hammock, coastal dune, sandhill upland lakes, and scrub. Scrub is one of the most imperiled habitats in south Florida, and the over 3,000 acres of scrub and scrubby flatwoods within JDSP represent the most significant swath of coastal scrub in southeast Florida. This remarkable scrub habitat supports over 50 endemic and imperiled species that have largely been lost throughout much of their native range.

Jonathan Dickinson State Park is a critical haven for the Florida scrub-jay (*Aphelocoma coerulescens*), the only bird species endemic to Florida and a symbol of the state's natural heritage. This bird, along with other species such as the gopher tortoise (*Gopherus polyphemus*), Florida mouse (*Podomys floridanus*), Florida pine snake (*Pituophis melanoleucus mugitus*), and the eastern indigo snake (*Drymarchon couperi*), relies exclusively on JDSP's scrub habitat for survival in south Florida. These species, already listed as threatened or endangered at state and federal levels, face continuous threats from habitat fragmentation and loss.

JDSP's scrub habitat also is essential for endemic and endangered plant species, such as Curtiss' milkweed (*Asclepias curtissi*), four-petal pawpaw (*Asimina tetramera*), perforated reindeer lichen (*Cladonia perforata*), and dancing lady orchid (*Tolumnia bahamensis*), whose range is limited to Martin and Palm Beach counties. These imperiled plants not only contribute to the ecological complexity of JDSP but also support pollinators and help maintain the broader environmental balance. Preserving these plant species is vital for the health and ecological integrity of JDSP.

Habitat fragmentation is one of the most significant threats facing natural ecosystems and the species that depend on them. When large, contiguous habitats are broken into smaller, isolated patches due to human activities such as urban development, road construction, or agriculture, the ecological integrity of these areas is compromised. Fragmentation leads to a reduction in the available habitat, limiting the space and resources that wildlife requires for survival. This isolation disrupts wildlife movement, making it difficult for species to find food, mates, and suitable nesting sites. As a result, habitat destruction and fragmentation results in fewer native plants and animals and reduced genetic diversity.

For species like the Florida scrub-jay and gopher tortoise, which rely on the interconnected nature of scrub habitats within places like JDSP, fragmentation poses an even greater threat. Smaller, isolated populations are more vulnerable to disruption or disease. Over time, this isolation can lead to local extinctions, reduce biodiversity, and alter the ecological balance of the entire area. In fact, over the past 25 years scientists have observed Florida scrub-jays become locally extinct from smaller scrub habitats in Palm Beach County Natural Areas, including Hypoluxo Scrub, Juno Dunes, Jupiter Ridge, and Jupiter Inlet Lighthouse Natural Area. Furthermore, fragmented habitats are more susceptible to invasive species, which further degrade the quality of remaining habitat. In summary, habitat fragmentation accelerates the decline of ecosystems and the species they support, underscoring the urgent need for conservation efforts that prioritize connectivity and habitat restoration.

We believe the Florida Legislature was very wise in establishing the dual mandate to manage state owned lands to (1) provide for natural resource-based recreation and (2) to ensure the conservation of finite and renewable natural resources for the benefit and enjoyment of present and future generations. Recent efforts contemplating constructing three (3) golf courses and impacting one thousand (1,000) acres within Jonathan Dickinson State Park did not adequately consider this dual mandate and would have been too heavy handed in destroying and degrading important habitat. Put simply, the development of one or more golf courses within JDSP would violate the “enjoy without depleting” clause of Florida Statute 258.037.

For example, construction of recreational facilities that are not resource-based, e.g., golf courses, within JDSP would exacerbate well-known conservation challenges, including:

- Habitat Loss: Ideally, construction of assets or facilities to support resource-based recreation will result in *de minimis* habitat destruction. However, construction of a golf course or other recreational facilities that are not designed as resource-based recreation will result in meaningful habitat loss. For example, construction of an average golf course consumes 150 acres. The three golf courses proposed were estimated to impact 1,000 acres! {should we include these specifics?}
- Habitat Fragmentation: Construction of a golf course within JDSP will likely fragment large, contiguous habitat patches into smaller patches. Fragmented habitats are degraded habitats. Fragmented habitats have negative impacts on population dynamics and genetic diversity.
- Fire Suppression: Construction of a golf course within JDSP will limit the ability to use prescribed fire to actively manage these fire-adapted ecosystems. Scrub restoration efforts rely on prescribed fire and have generated very positive results in JDSP, including increased Florida scrub-jay populations and successful reintroduction of red cockaded woodpeckers. Constraining prescribed fires will degrade habitat quality within JDSP.
- Eutrophication: Construction and maintenance of a golf course within JDSP will lead to increased nutrient availability in the surface waters and shallow groundwater in the vicinity of the golf course. Golf courses apply fertilizers, herbicides, and pesticides to maintain the aesthetic quality, playability, and health of their turfgrass and landscaped areas; however, application of these chemicals within a state park are problematic because their runoff creates downstream environmental impacts, such as surface and groundwater contamination, altered nutrient profiles, and direct impacts on native plants and animals. In particular, sandhill upland lakes would be extremely vulnerable to nutrient enrichment and hydrological manipulations. Also, this runoff would likely impact the already impaired southern portion of the Indian River Lagoon, which lies immediately east of JDSP.
- Water Resources: Construction and maintenance of a golf course within JDSP will exacerbate existing water issues. If we assume a standard golf course is 150 acres and that golf course requires 4,000 gallons of irrigation water per acre per day, then a single golf course would consume approximately 600,000 gallons of water per day (i.e., 200 million gallons of water per year) to meet basic landscape irrigation demands. Saltwater intrusion is a major threat to the Wild & Scenic Northwest Fork of the Loxahatchee River, and the river routinely violates the minimum flow and levels defined in state statute, which signifies the river is experiencing “serious harm”. Construction and maintenance of a golf course within JDSP would exacerbate this existing environmental problem. {should we include these specifics?}

In light of these facts, it is imperative that we strengthen our commitment to the conservation and protection of native habitats within Jonathan Dickinson State Park, especially its imperiled scrub ecosystem, while ensuring the public has access to explore, experience, and connect with these remarkable habitats and species through nature-based recreation opportunities.

JDSP is a sanctuary for biodiversity that embodies the resilience and beauty of our state's landscapes. JDSP deserves our focused and sustained efforts to ensure that it continues to thrive.

Thank you for considering our call to action for the diligent protection and stewardship of Jonathan Dickinson State Park, its exceptional ecosystems, and curious creatures.



# Loxahatchee River District

## Neighborhood Sewering Schedule - Revised June 2024

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 <sup>th</sup> Terrace	1	Application for developer project made; Comments on plans being addressed by applicant					Jun. 2024				Legislative
	7985 SE Island Way	2	Permitting Complete; Final Assessment July 2024					Aug. 2022	Jun. 2024	Mar. 2024	Jul. 2024	Legislative
	2966 Jamaica Drive	1	Statutory Way Provision – April 2024 (1 lot)					Aug. 2024				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 <sup>st</sup> 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	19485 Harbor Rd. S	6	Statutory Way Provision – May 2023 (1 lot)	2017	AEO	Jan. 2014		May 2024				Legislative
16	Limestone Creek Road West	49		2018	TBD	Jan. 2013						Legislative
	109 Old Jupiter Beach Road	1	Constr. Plans In Redesign Per Owner – Sept. 2023 - Approved May 2024; Under Construction June 2024			Sept. 2021 July 2022		Jun.2024		Aug.2024		Legislative
	182 <sup>nd</sup> 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

November 7, 2024

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. Amount in controversy for materiality is \$40,000.00 or more.

**Two (2) matters of potential pending litigation are reported under “Other Litigation”.**

There are 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.

**Latest Development:** September 13, 2024. 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.

**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 being conducted in the meantime with target goal of January 2025 for 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.
- 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 manhole and gravity main line re-routed so as not to be in violation of the District’s Construction Standards.
- 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.

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

June 28, 2024 LRD Attorney Demand Letter to 6 defendants with Joint & Several liability demanding \$42,021.74 damage claim be paid to LRD.

July 22, 2024 Communications with YComm's attorney that YComm takes responsibility and put in a claim to IDD's insurance policy, and NextCity's attorney (a division of FPL) that will make sure LRD gets paid.

August 2024 LRD Attorney communications with the CNA Insurance Claims adjustor, and preparation of LRD Attorney demand letter to the Defendant's c/o the CNA Claims adjustor Jake Hart to comprehensively set up the Claim for Damages.

November 2024. CNA Claims Adjustor continuing to investigate the Claim.

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LIEN FORECLOSURES

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NONE

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MORTGAGE OR LIEN FORECLOSURES / LRD COUNTERCLAIMS/CROSSCLAIMS

NONE





## 7C - Engineer's Report

Not available for the month of November 2024





# Director's Report

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





# 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](http://loxahatcheeriver.org)

## MEMORANDUM

To: Governing Board  
 From: Kara Fraraccio, Director of Finance and Administration  
 Date: November 15, 2024  
 Subject: Monthly Financial Report

### Cash and Investments Balance

#### Balance as of October 31, 2024

Institution	Rate	Book Value	Monthly Change in Investment	Market Value
<b>U.S. Treasuries:</b>				
U.S. Treasuries - Due 10/31/24	5.25%	5,488,117	21,594	5,525,000
U.S. Treasuries - Due 12/31/24	4.25%	12,336,350	2,727	12,355,339
<b>Subtotal</b>		<b>\$ 17,824,467</b>	<b>\$ 24,321</b>	<b>\$ 17,880,339</b>
<b>Investment Accounts:</b>				
Florida Prime - SBA	5.04%		\$ 34,388	\$ 8,071,283
Florida FIT - Preferred Cash Pool	4.77%		28,165	6,986,162
Bank United - Public Funds Reserve	4.35%		8,090	2,197,792
<b>Subtotal</b>			<b>\$ 70,643</b>	<b>\$ 17,255,237</b>
<b>Cash Account:</b>				
Truist-Hybrid Business Account	3.00%		\$ 16,726	\$ 5,142,907
Schwab Sweep Account	0.45%		71	20,262
<b>Subtotal</b>			<b>\$ 16,797</b>	<b>\$ 5,163,169</b>
<b>Total</b>			<b>\$ 111,761</b>	<b>\$ 40,298,745</b>

### Investment Policy Compliance

#### **Performance Measurements**

Average weighted rate of return on investments is: 4.48%. As of 10/31/24, 3-month U.S. Treasuries were 4.44% and the 1-month Federal Fund Rate was 4.83%. The District's average weighted rate of return on investment of 4.48% is on target with our benchmarks.

Stephen B. Rockoff  
CHAIRMAN

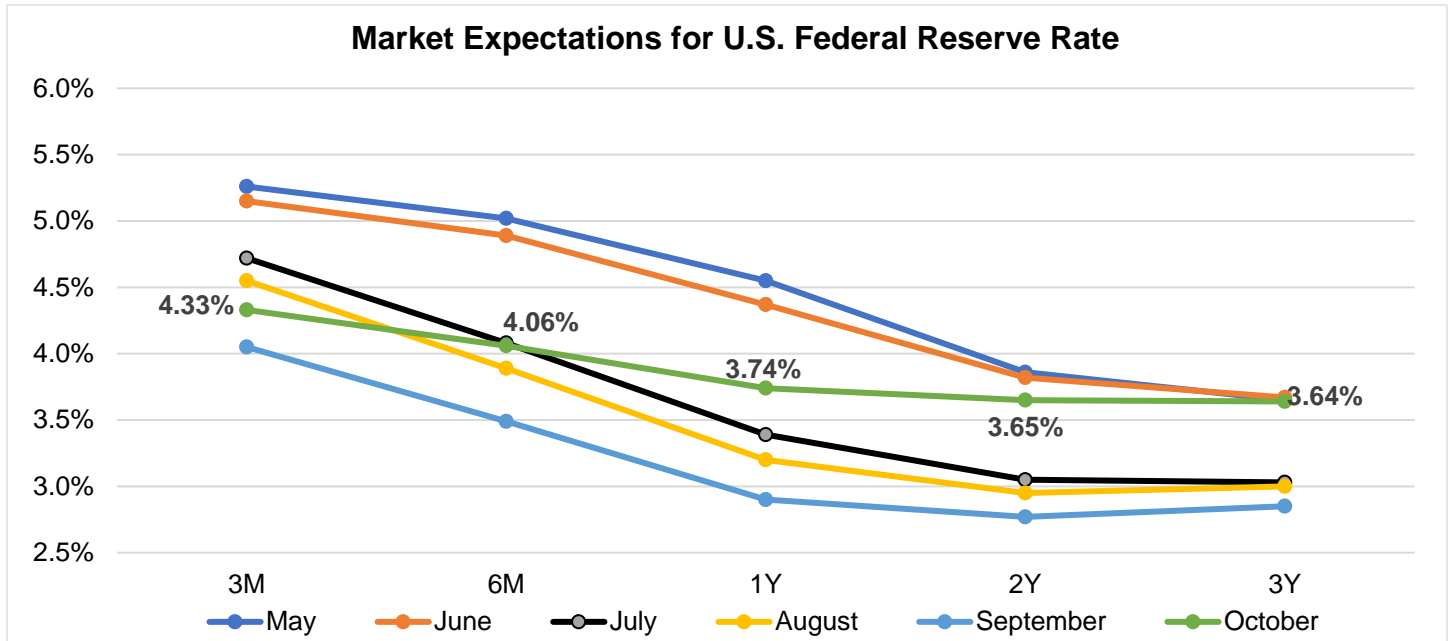
Kevin L. Baker  
BOARD MEMBER

Gordon M. Boggie  
BOARD MEMBER

Dr. Matt H. Rostock  
BOARD MEMBER

Clinton R. Yerkes  
BOARD MEMBER

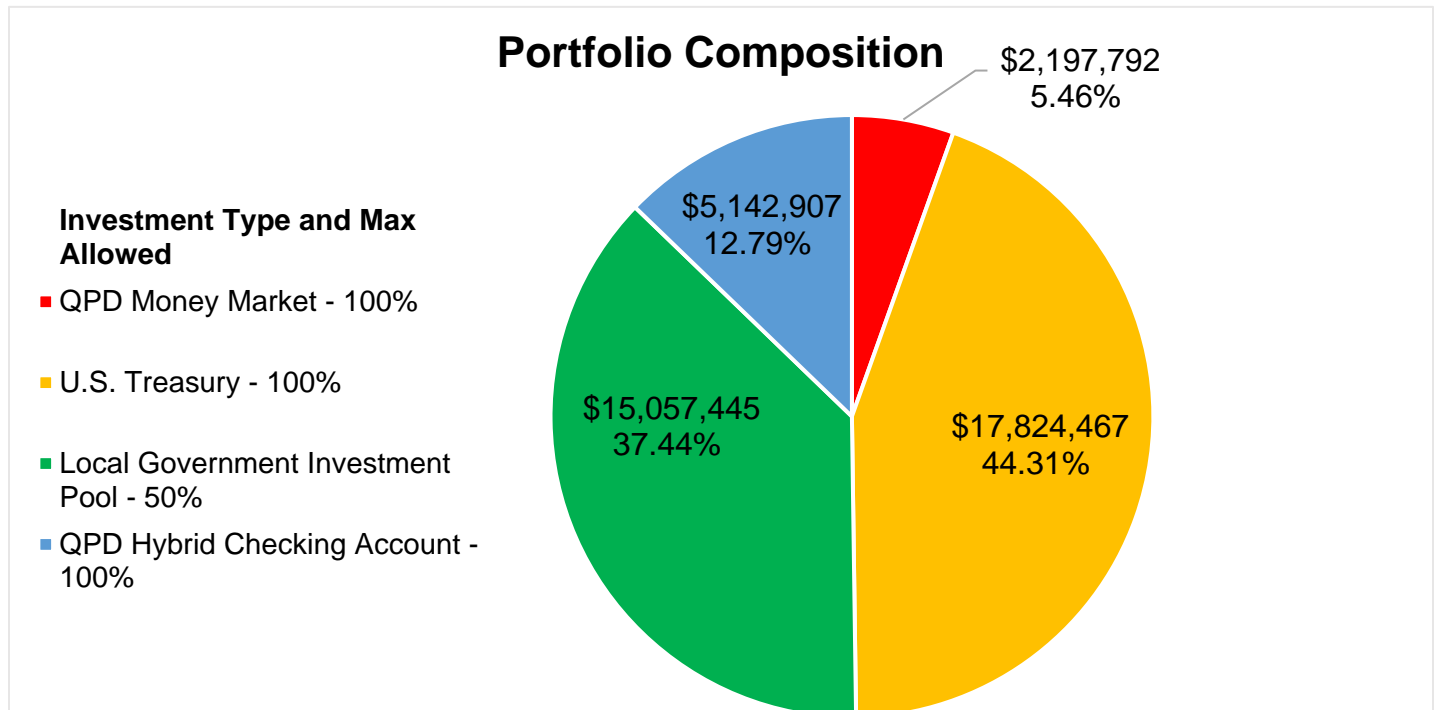
As illustrated in the chart below, the yield curve is beginning to flatten, with the gap between short-term and long-term interest rates narrowing. With the U.S. Treasury 10-year yield now back above 4%, we will be looking to add duration back into our portfolio. We will continue to monitor the yield curve and reassess our options as conditions evolve.



\*Data as of October 31, 2024.

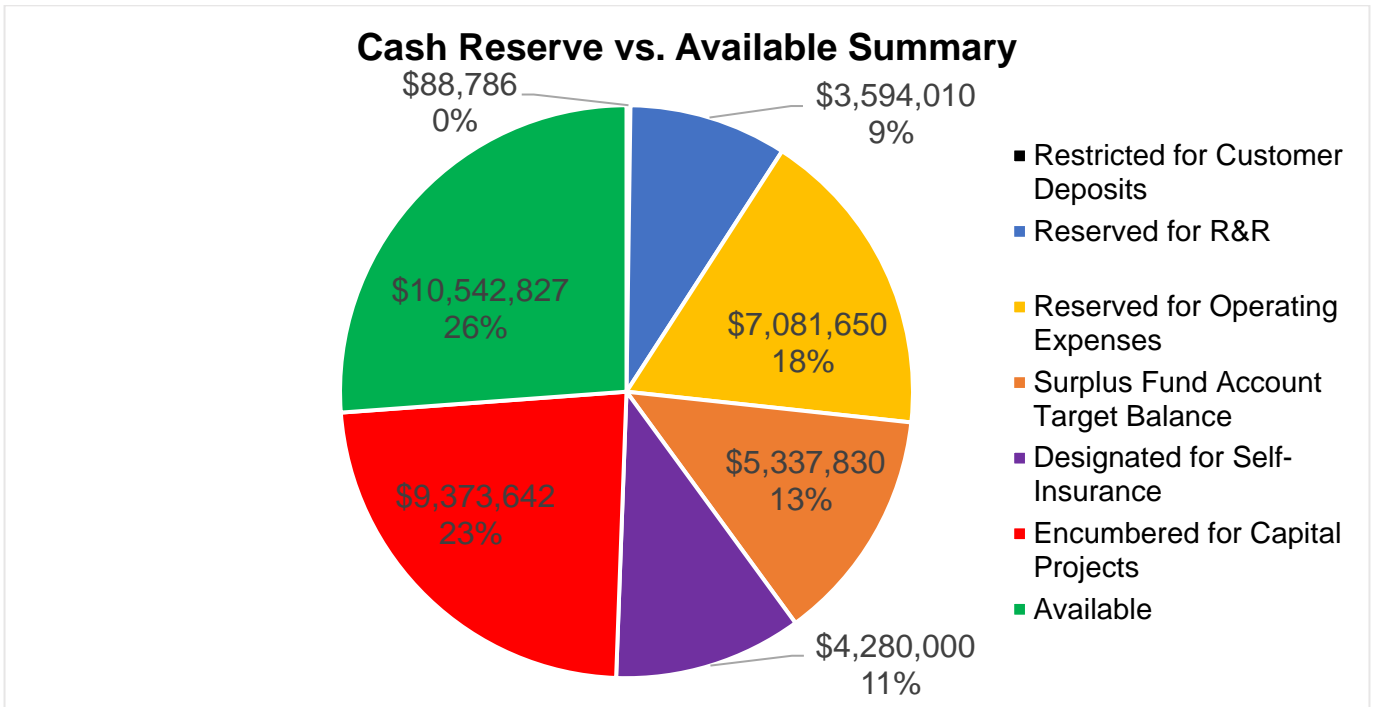
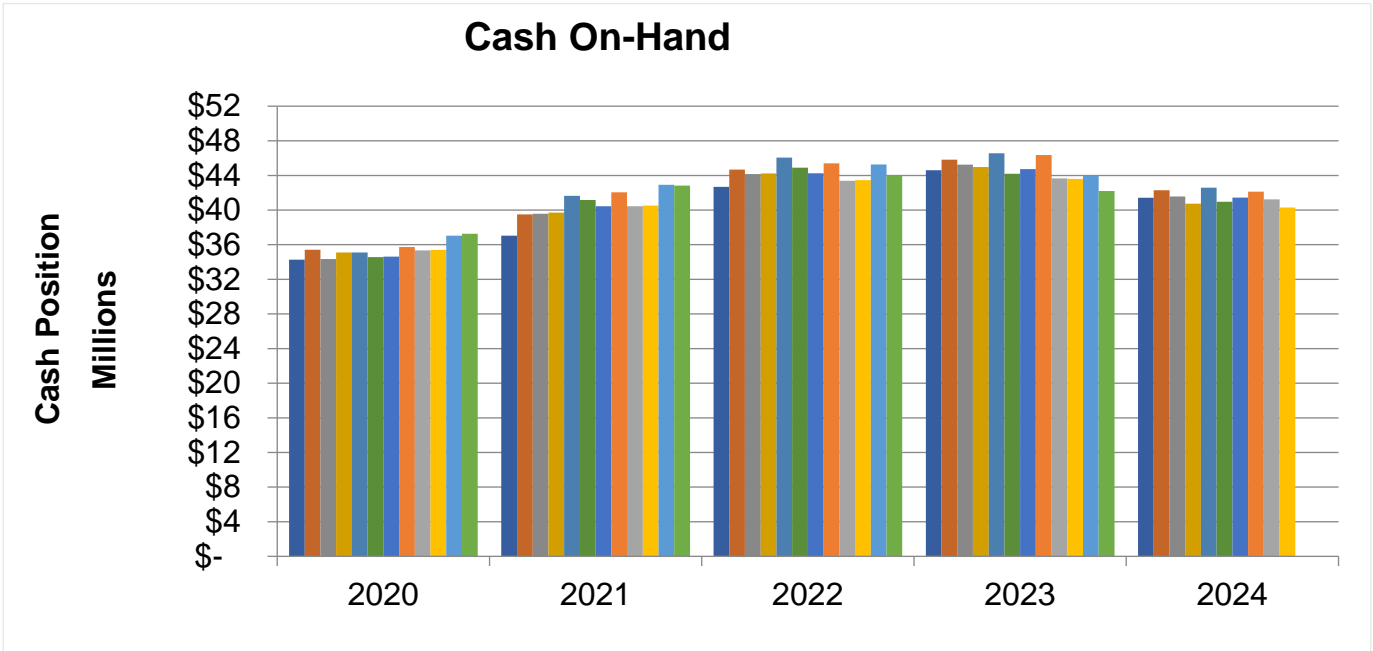
### Portfolio Composition

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



**Cash Position**

Cash position for October 2023 was \$43,600,779. Current Cash position is down by \$3,302,034.



**Financial Information**

- Legal fees billed in October were \$13,185. The fiscal year-to-date total is \$13,185.
- Estoppel fees collected in October totaled \$4,230. The fiscal year-to-date total is \$4,230.
- There was no septage billing in October.
- Developer’s Agreement – There was one new Developer Agreements in October.
- I.Q. Water Agreements – All I.Q. Water Agreements are up to date.

## Summary of Budget vs. Actual

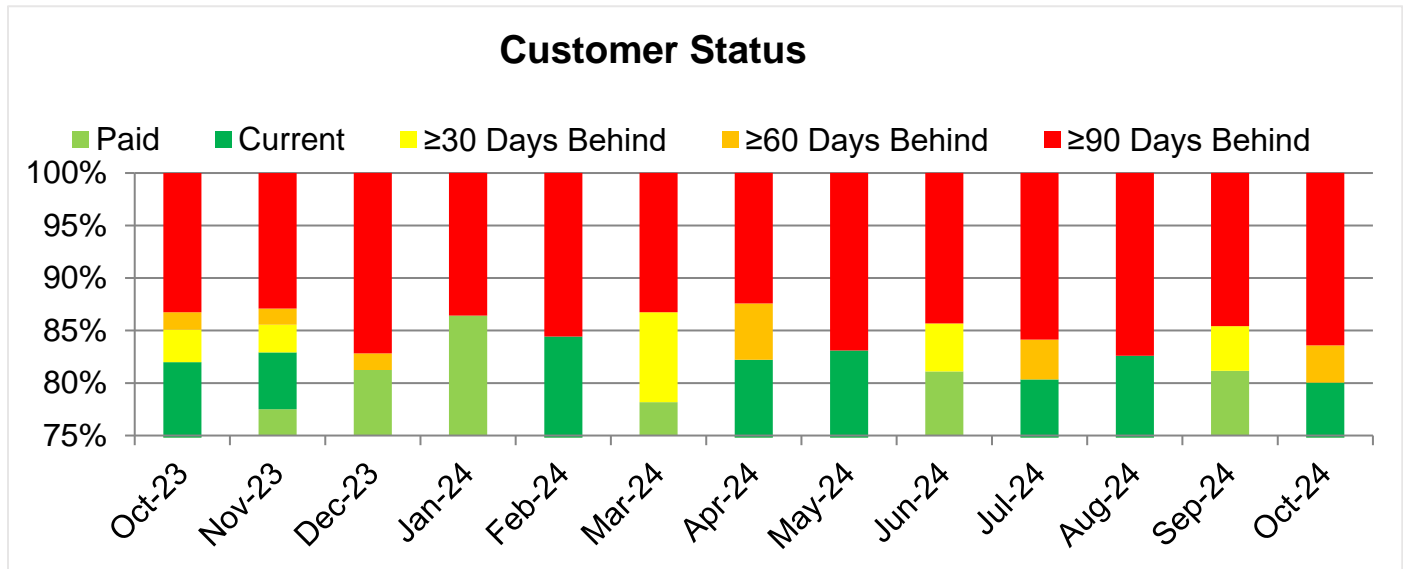
Budget Benchmark 8.33%	Oct-24 Actual	YTD Actual	FY 25 Budget	Favorable (Unfavorable)	Budget Expended	Oct-23 YTD
<b>Revenues</b>						
<b>Operating Revenues</b>						
Regional Sewer Service	\$ 1,557,742	\$ 1,557,742	\$19,029,455	\$ (17,471,713)	8.19%	\$1,556,766
Standby Sewer Service	10,191	10,191	100,000	(89,809)	10.19%	9,902
IQ Water Charges	203,470	203,470	2,500,000	(2,296,530)	8.14%	200,896
Admin. and Engineering Fees	3,171	3,171	50,000	(46,829)	6.34%	1,263
Other Revenue	61,190	61,190	500,000	(438,810)	12.24%	54,059
<b>Subtotal Operating Revenues</b>	<b>1,835,764</b>	<b>1,835,764</b>	<b>22,179,455</b>	<b>(20,343,691)</b>	<b>8.28%</b>	<b>1,822,886</b>
<b>Capital Revenues</b>						
Assessments	\$ 2,812	\$ 2,812	1,068,000	(1,065,188)	0.26%	26,502
Line Charges	22,765	22,765	400,000	(377,235)	5.69%	9,857
Plant Charges	66,342	66,342	600,000	(533,658)	11.06%	24,154
Capital Contributions				-		
<b>Subtotal Capital Revenues</b>	<b>91,919</b>	<b>91,919</b>	<b>2,068,000</b>	<b>(1,976,081)</b>	<b>4.44%</b>	<b>60,513</b>
<b>Other Revenues</b>						
Grants			200,000	(200,000)		
Interest Income	(21,234)	(21,234)	2,242,100	(2,263,334)	-0.95%	150,754
<b>Subtotal Other Revenues</b>	<b>(21,234)</b>	<b>(21,234)</b>	<b>2,442,100</b>	<b>(2,463,334)</b>	<b>-0.87%</b>	<b>150,754</b>
<b>Total Revenues</b>	<b>\$ 1,906,449</b>	<b>\$ 1,906,449</b>	<b>\$ 26,689,555</b>	<b>\$ (24,783,106)</b>	<b>7.14%</b>	<b>\$ 2,034,153</b>
<b>Expenses</b>						
Salaries and Wages	\$ 325,900	\$ 325,900	\$8,457,300	\$ 8,131,400	3.85%	\$266,476
Payroll Taxes	23,388	23,388	600,800	577,412	3.89%	18,900
Retirement Contributions	48,414	48,414	1,258,300	1,209,886	3.85%	40,465
Employee Health Insurance	126,884	126,884	1,891,200	1,764,316	6.71%	136,069
Workers Compensation Insurance	56,145	56,145	64,500	8,355	87.05%	64,135
General Insurance	435,452	435,452	570,250	134,798	76.36%	456,070
Supplies and Expenses	154,518	154,518	1,234,920	1,080,402	12.51%	195,110
Utilities	129,261	129,261	1,816,020	1,686,759	7.12%	106,898
Chemicals	48,193	48,193	474,000	425,807	10.17%	34,358
Repairs and Maintenance	334,927	334,927	2,491,980	2,157,053	13.44%	392,772
Outside Services	38,623	38,623	2,375,280	2,336,657	1.63%	140,045
Contingency			225,000	225,000	0.00%	
<b>Subtotal Operating Expenses</b>	<b>1,721,705</b>	<b>1,721,705</b>	<b>21,459,550</b>	<b>19,737,845</b>	<b>8.02%</b>	<b>1,851,298</b>
<b>Capital</b>						
Capital Improvements	\$ 217,828	\$ 217,828	12,917,642	12,699,814	1.69%	111,514
<b>Subtotal Capital</b>	<b>217,828</b>	<b>217,828</b>	<b>12,917,642</b>	<b>12,699,814</b>	<b>1.69%</b>	<b>111,514</b>
<b>Total Expenses</b>	<b>\$ 1,939,533</b>	<b>\$ 1,939,533</b>	<b>\$ 34,377,192</b>	<b>\$ 32,437,659</b>	<b>5.64%</b>	<b>\$ 1,962,812</b>
<b>Excess Revenues</b>						
<b>Over (Under) Expenses</b>	<b>\$ (33,084)</b>	<b>\$ (33,084)</b>	<b>\$ (7,687,637)</b>	<b>\$ 7,654,553</b>		<b>\$ 71,341</b>

The loss in Interest Income is due to purchasing a Treasury bond between coupon payment dates. When buying between coupon payments, the District, as the buyer, pays accrued interest (the interest that has accumulated since the last coupon payment). However, the District hasn't yet received the next coupon payment, which would typically cover that accrued interest. While this may create a temporary shortfall in interest income, holding the bond to maturity will ensure the District receives the full principal and all future coupon payments.

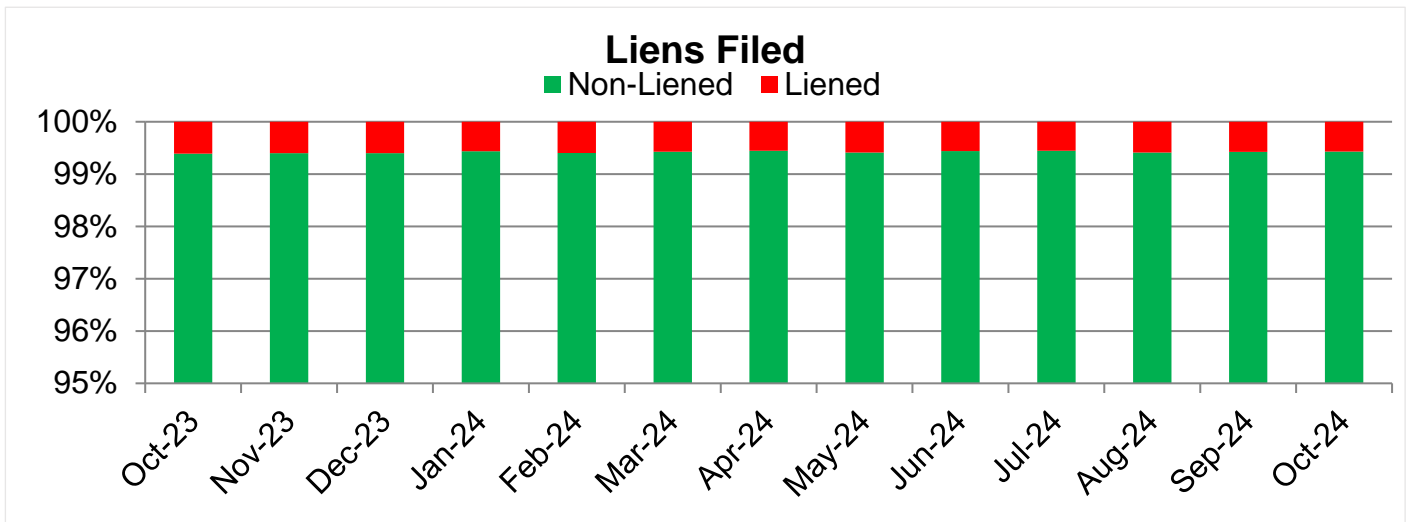
Total Capital expenses incurred and encumbered totalled \$8,684,616 or 67.23% of the capital budget. This includes funds encumbered in a prior fiscal year for projects that stretch across multiple fiscal years.

**Accounts Receivable**

The District’s fourth quarter billing was \$4,675,389, of this amount \$3,741,757 represents customer balances that are either paid or current. The chart below illustrates customers’ receivable status as a percentage of quarterly sewer billing. Paid or current balances represent approximately 80.0% billing.



The District serves approximately 33,480 customers. Currently, the District has 191 liens filed which represent approximately 1.0% of our customers.



**Pending/Threatened Litigation**

- No pending or threatened litigation.

**Auditor Update**

The acquisition between Marcum and CBIZ, Inc. is officially complete, and Marcum is now a part of CBIZ, Inc. As a CBIZ client, we should expect to see very little change; however, you will find that all future audit reports under the District Contract with Marcum (fiscal year 2024 though fiscal year 2025) will now be completed by CBIZ.

## Awards and Recognition

I am proud to report that our FY2023 annual comprehensive financial report was awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association (GFOA)! This is the sixth consecutive year that the District has received this prestigious award. This award requires governments to go beyond the minimum requirements of generally accepted accounting principles and prepare a comprehensive annual financial report that evidences the spirit of transparency and full disclosure. This award is the highest form of recognition in governmental accounting and financial reporting.



Government Finance Officers Association

Certificate of  
Achievement  
for Excellence  
in Financial  
Reporting

Presented to

**Loxahatchee River Environmental Control District  
Florida**

For its Annual Comprehensive  
Financial Report  
For the Fiscal Year Ended

September 30, 2023

*Christopher P. Morill*

Executive Director/CEO





# LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

[loxahatcheeriver.org](http://loxahatcheeriver.org)

## MEMORANDUM

**TO:** D. Albrey Arrington, Ph.D., Executive Director

**FROM:** Kris Dean, P.E., Deputy Executive Director  
Courtney Jones, P.E., Director of Engineering

**DATE:** November 14, 2024

**SUBJECT:** Capital Program and Engineering Services Report

**Capital Projects:** This month we present 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.

**Average % Complete:** % complete of each project averaged over the overall # of projects.

**Days Variance:** Variance on the planned Finish Date of the project. Positive Variance means the project is late, negative Variance means the project is ahead of schedule.

68  
Total Projects

35%  
Average % COMPLETE

52  
≤30 Days Variance

7  
>30 - ≤60 Days Variance

9  
>60 Days Variance

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







**Consultant Project Updates:** The below report replaces individual consultant reports and standardizes the information provided for each project. Note this month is a DRAFT, staff are still working on new process. Information includes:

**% Complete:** Percent complete for the active portion of the project. Active portions can be planning efforts, design and permitting and/or construction based on the nature of the project.

**Finish Variance:** Difference between the baseline finish date of a project and its current finish date.

**Finish Date:** The current finish date for the project.

**Upcoming Task/Submittal:** Notable upcoming events on the project.

Consultant/Owner	Project Name	% Complete	Finish Variance	Finish Date	Upcoming Task/Submittal
	Vacuum Truck Dump Facility	0%	0		Engineering services contract award November 21.
	IQ518 Electrical and IC Upgrades	0%	0		Submit proposal for approval by November 15
	LIR Station 200 Rehabilitation and Upgrades	0%	0		Submit proposal for approval by November 15
	LIR Station Control Panel Replacement and Telemetry	0%	23	2/18/2027	Awaiting direction from LREC/D to commence Bidding Services 8/25
	A Structure and B Structure Rehabilitation	68%	40	2/18/2025	Completed 100% design review submittal on 10/10/24. Baxter is currently addressing minor comments and finalizing the documents. Permitting and bidding tasks to be rescheduled to late June 2025. BW to submit project change order for time.
	Anaerobic Selector Zone Pilot Testing and Process Blower Improvements	30%	209	9/26/2025	In the process of preparing a revised project schedule which includes the implementation of the alternate pilot test layout plan prepared by B&W (not minion plan).
	Headworks Rehabilitation	68%	40	2/18/2025	Completed 100% design review submittal on 10/10/24. Baxter is currently addressing minor comments and finalizing the documents. Permitting and bidding tasks to be rescheduled to late June 2025. BW to submit project change order for time.
	Wastewater Utility Risk and Resilience Assessment	5%	0	7/31/2025	Carollo to send out kickoff minutes and confirm LRD will create a SharePoint site to upload this and other project documents
 Holtz Consulting Engineers, Inc.	Lift Station 082 Conversion	90%	28	2/27/2025	Upcoming- Wet well Refratta coating Wet well fillet work Install guide rails, pumps, and pipe supports Install generator footer and retaining wall (gen pad after passing cylinder test on wall) Bldg. dept approval of electrical changes and panel install. Potential time extension due to gravity leak and electrical panel relocation
	Country Club Drive Cascading System	0%	0		N/A
	LIR Station 050 Emergency Generator	6%	-1	1/20/2026	Upcoming- Scheduling and holding pre-construction meeting Issue Notice to Proceed
	Lift Station Cellular Telemetry	87%	0	3/10/2025	Upcoming- 97 LS ready for I/O Checkout
	20 Acre Site Remediation	48%	223	8/27/2025	KCI and District meeting to understand the impacts of SFWMD permitting requirements for the project by the end November.
	County Line Road Utility Relocations	12%	0	11/23/2025	Bid Documents due to District 11/12/2024.
	AC Force Main Replacement - A1A	30%	-7	4/9/2026	90% Submittal to the District on 11/15/2024.
		Loxahatchee River Subaqueous Force Main Replacement	17%	1	7/24/2025

**In-House Project Updates:** The below report replaces individual in-house project reports and standardizes the information provided for each project. Note this month is a DRAFT, staff are still working on new process. Information includes:

**% Complete:** Percent complete for the active portion of the project. Active portions can be planning efforts, design and permitting and/or construction based on the nature of the project.

**Finish Variance:** Difference between the baseline finish date of a project and its current finish date.

**Finish Date:** The current finish date for the project.

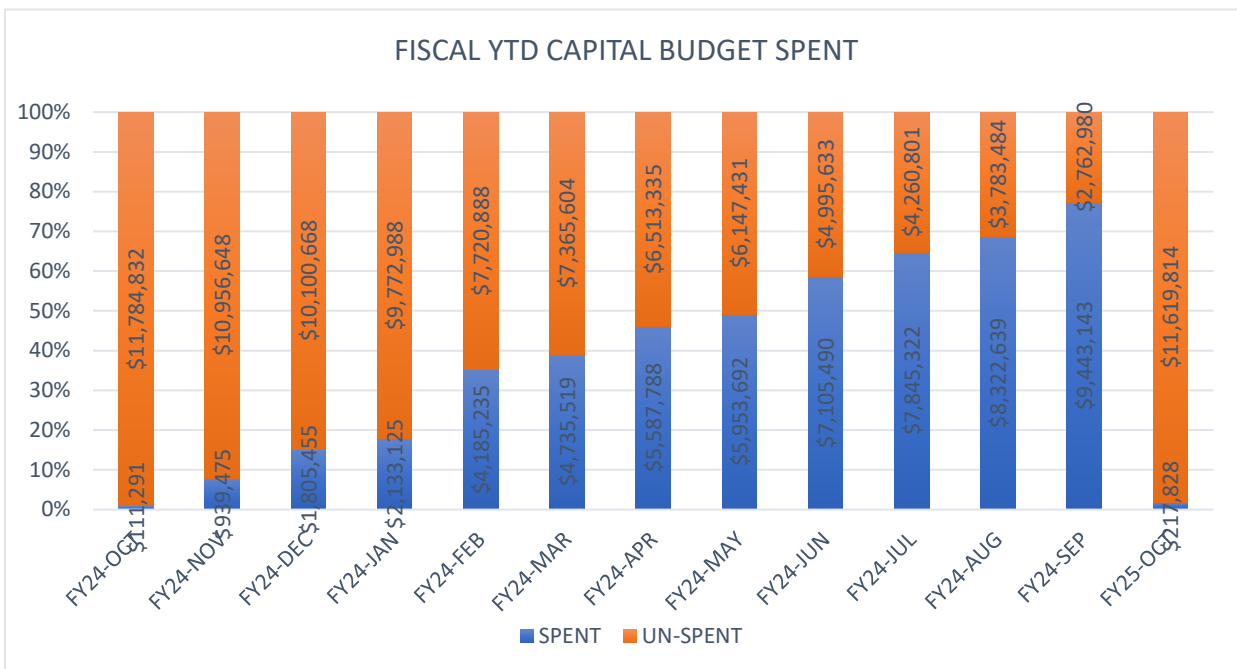
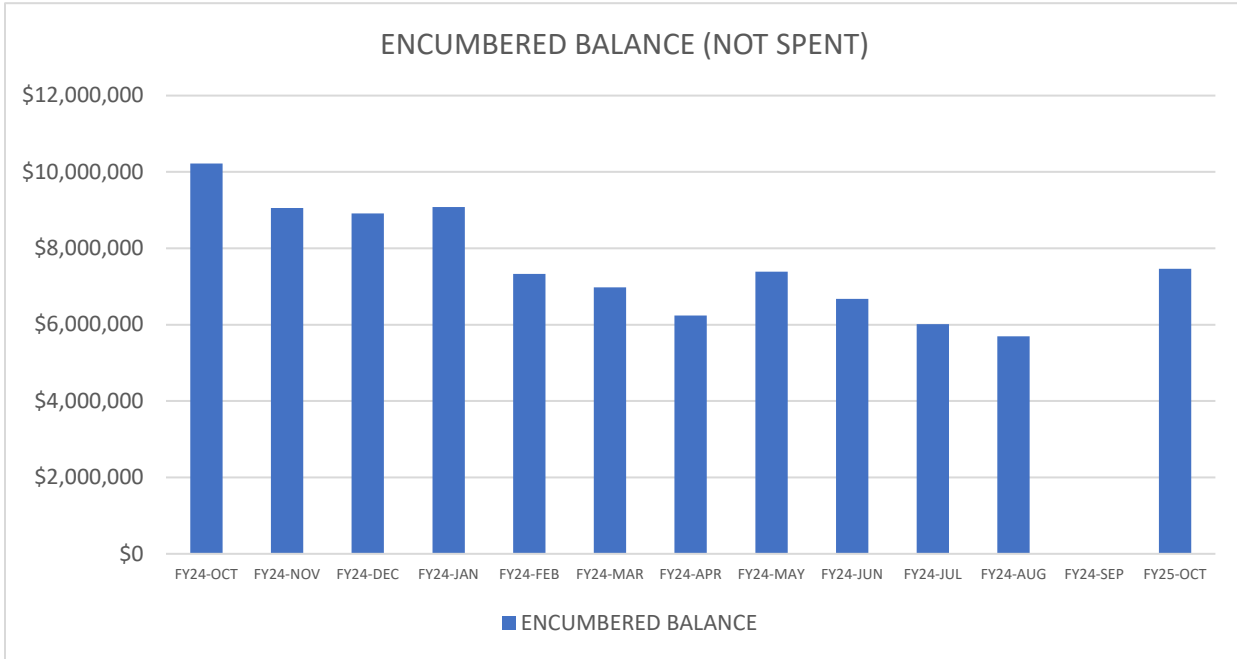
**Upcoming Task/Submittal:** Notable upcoming events on the project.

Consultant/Owner	Project Name	% Complete	Finish Variance	Finish Date	Upcoming Task/Submittal
	2500 Jupiter Park Drive Site Improvements	0%	0	2/20/2025	RFQ Advertised by 11/21/2024 with Award at February 2025 Board.
	2966 Jamaica Drive	38%	-120	2/2/2025	Substantial Completion is scheduled for November 30, 2024.
	Administration and Operations Fire System	58%	321	8/2/2025	During October, scoping documents were completed and sent out to three reputable vendors for proposals on 11/4/24. Vendor proposals are due by 11/22/24.
	Administration Bathroom Renovation	97%	-8	12/7/2024	Renovation of Women's Bathroom was completed during the last monthly period (October). Contractor in the process of addressing final punch-list for both bathrooms items prior to project close-out.
	Aeration Basin Fine Bubble Diffuser Replacement	0%	0	8/18/2025	Proposal to be requested from existing manufacturer for replacement diffusers.
	Aeration Basin Influent Gate Operator	50%	277	7/4/2025	Received proposal from existing actuator manufacturer on 11/4/2024 at \$106,000. Proposal exceeds project budget. Alternate vendor to be evaluated. Schedule updated assuming present to January Board.
	Australian and Palm Garden Manhole Adjustments	26%	0	3/30/2025	Receive PBC R/W Permit.
	Blower Building Intake Louver Replacement	22%	395	8/9/2025	After multiple attempts to obtain quotations from qualified suppliers for in-kind replacement of the louver we have not been successful. J. Pugsley to create a set of bid documents to solicit bids via Demand Star.
	Clarifier 4 Rehabilitation	80%	0	2/2/2026	Request formal proposal from equipment manufacturer, Ovivo, based on final recommendations in B&W Clarifier Condition Assessment Report.
	Data Sonde	0%	0		Coordinate with vendors for quotes
	Disaster Recovery Site Setup	17%	3	2/23/2025	Obtain revised quote with an appropriate contract source - waiting on vendor
	Door Access Control Replacements	53%	0	1/30/2025	Continue install with LRD and low voltage contractor. Scheduled
	Emergency Notification System	29%	-154	7/31/2025	All equipment/devices delivered by 10/31/24. PO issued to installing contractor for interior devices on 11/5/24. Installation began on 11/6/24.
	Engineering Services Offices	50%	0	11/24/2025	Staff are working on office layouts, electrical and IT.
	Front End Loader Replacement	90%	-275	11/29/2024	Front end loader delivered to site on 10/30/24. Project close-out and final payment in
	Headworks H2S Monitor - Odor Control System Improvements	13%	-9	3/20/2025	Scope preparation in process and also identifying potential vendors.
	Indian Hills Low Pressure Sewer System	18%	0	6/2/2025	Receive Permits.
	IQ518 Pump Rebuilds	16%	0	6/9/2025	Schedule installation of IQ518-P5.
	JILNOA FPL Pole Removal	9%	0	4/9/2025	FPL approval of FPL design followed by payment of fees to FPL by the District.
	Lift Station 080 Collection System Rehabilitation	50%	0	2/3/2025	Substantial Completion was reached on 10/16/2024.
	Lift Station 081 Rehabilitation	46%	0	3/31/2025	Mobilization.
	Lift Station 148 Rehabilitation	19%	-25	4/29/2025	Issue PO.
	Lift Station 152 Rehabilitation	54%	71	2/3/2025	Mobilization.
	Lift Station 167 Rehabilitation	46%	0	3/31/2025	Mobilization.
	Lift Station 177 Power and Control Panel	7%	102	10/10/2025	Re-scoping project to include an upgraded VFD panel converting single phase line power to 3 phase pump circuits due to limitations on pump availability in a single-phase option.
	Lift Station 230 Rehabilitation	81%	0	1/14/2025	Substantial Completion was reached on 11/8/2024. Project is scheduled to close by
	LP1260 Rehabilitation	14%	0	4/29/2025	
	Main Generator 1 Enclosure Replacement	13%	-84	7/8/2025	Proposals for various alternates received from Pantropic power. Based on a review, Staff have decided to incorporate a new generator in the future maintenance building project. Project to be rescope and rescheduled.
	Mini Excavator	33%	-25	6/2/2025	Staff are coordinating with vendors for quotes. PO is scheduled for issuance by the end of October 2024.
	Network Hardware Replacement - LS001, LS200, IQ518	28%	0	12/18/2025	Obtain quote from approved vendor - Waiting on vendor
	New Ford Transit - Reuse	69%	0	4/25/2025	Delivery of vehicle pending.
	Plant Lift Station 001 Control Panel Replacement	49%	0	7/9/2025	Panel is currently being fabricated. Anticipated panel ship date is 1/3/2025 with delivery by 1/10/25.
	Portable Equipment Anchoring	95%	0	11/30/2024	Substantial Completion was reached on 9/27/2024.
	Portable Generator Replacement	0%	0	8/15/2025	Coordinate with Vendors for quotes
	Portable Pump Replacement	0%	0	11/15/2025	Coordinate with Vendors for quotes
	River Center Passenger Van	20%	21	9/20/2025	Quotes previously requested but vendor was delayed in responding. Final quotes will be received by 11/15/24 and will be presented at November Board meeting.
	San Palermos IQ Point of Connection	11%	1	10/16/2025	Final design and invoice submittal from FPL for electric service.
	Science Center at JILOMA	15%	0	7/7/2026	Demolition, Electrical, Plumbing and Mechanical Sheets.
	Server Life Cycle Replacement	69%	54	11/17/2024	CMMS Go Live 11/15/2024 confirmed.
	Sludge Polymer Make Up System	12%	17	8/16/2025	N. Janis requested proposals from three (3) reputable polymer skid suppliers on 10/23/24. Proposals are due no later than 11/15/24.
	Sludge Storage Tank Fine Bubble Diffuser Replacement	0%	0	7/4/2025	Proposal to be requested from existing manufacturer for replacement diffusers.
	Trailer Caddy	17%	0	9/23/2025	Proposal received from vendor. Attempting to identify alternate vendors for competitive solicitation. JP and NJ have tentative plans to review unit in field.
	Unit 14 Replacement - Construction	66%	0	4/24/2025	Delivery of vehicle pending.
	Unit 21 Replacement - Wild Pine Lab	97%	52	11/21/2024	Vehicle delivered on 10/22/2024. Assimilation and final invoice payment in process.
	Unit 24 Replacement - Engineering	90%	85	12/24/2024	Delivery of vehicle pending.
	Unit 25 Replacement - Ops Admin	95%	59	11/28/2024	Vehicle delivered on 10/29/2024. Assimilation and final invoice payment in process.
	Unit 26 Replacement - Collections	90%	85	12/24/2024	Delivery of vehicle pending.
	Unit 27 Replacement - Reuse	14%	35	1/4/2026	Quotes previously requested but vendor was delayed in responding. Final quotes will be received by 11/15/24 and will be presented at Nov. Board meeting.
	Unit 29 Replacement - Collections	14%	35	1/4/2026	Quotes previously requested but vendor was delayed in responding. Final quotes will be received by 11/15/24 and will be presented at Nov. Board meeting.
	Unit 63 - New F550 Crane - Construction	16%	21	12/21/2025	Quotes previously requested but vendor was delayed in responding. Final quotes will be received by 11/15/24 and will be presented at Nov. Board meeting.
	WWTP Electrical Upgrades - Phase 1	85%	175	12/20/2024	Quotes previously requested from Hinterland. Submission of quote is delayed. Schedule adjusted assuming quote submitted by 12/1/2024 and presentation at Dec. Board meeting.

\*Finish Variance is a positive number behind schedule and a negative number for ahead of schedule.

\*\*Finish Dates are based on the projects current planned Finish Date

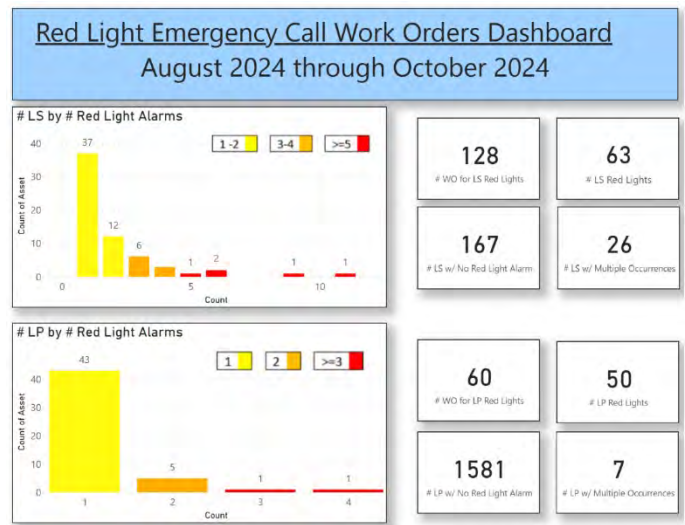
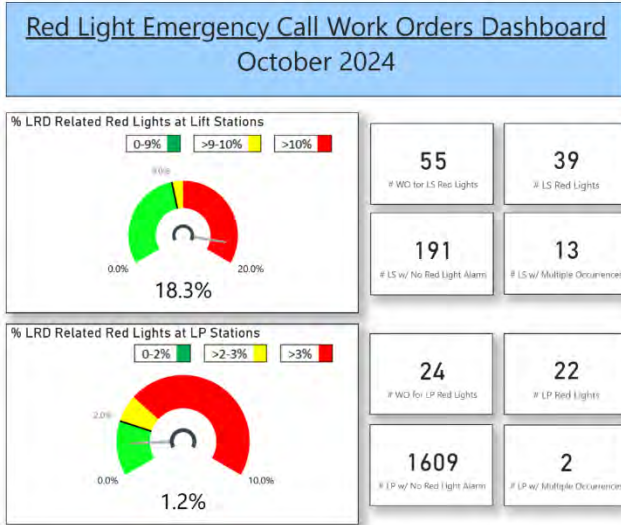
**Capital Budget – FY24-SEP encumbered balance is not available.** FY24-SEP Fiscal YTD Capital Budget Spent has been updated based on paid invoices for work through 9/30/2024 that were paid through October. Spending in FY24 based on the latest update is \$9.4M (77%).



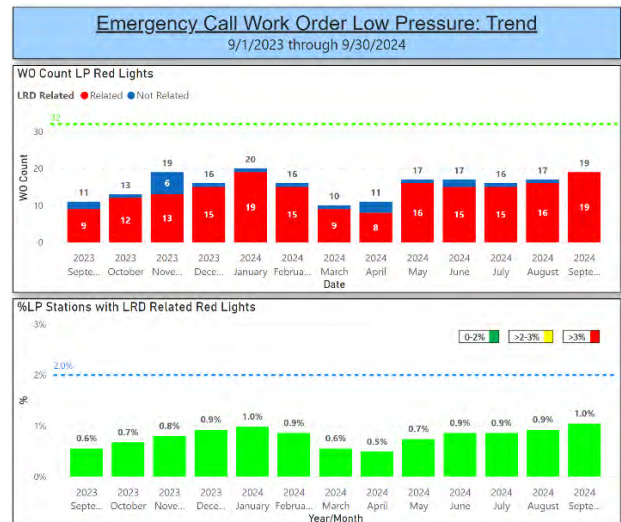
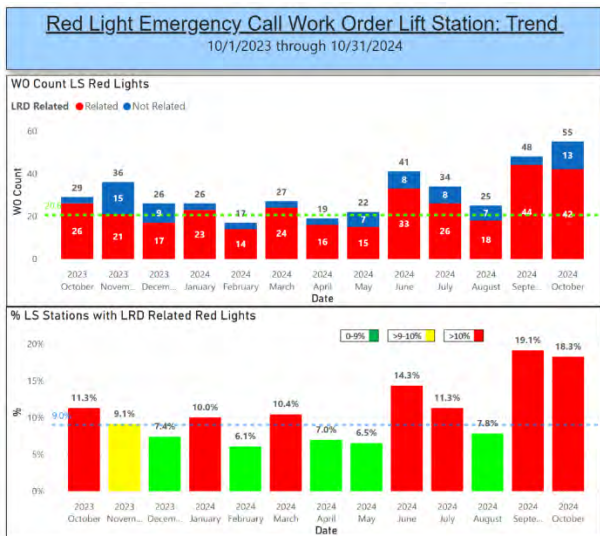
***Engineering Services Report – Not available for the month of November 2024***

## COLLECTIONS AND REUSE

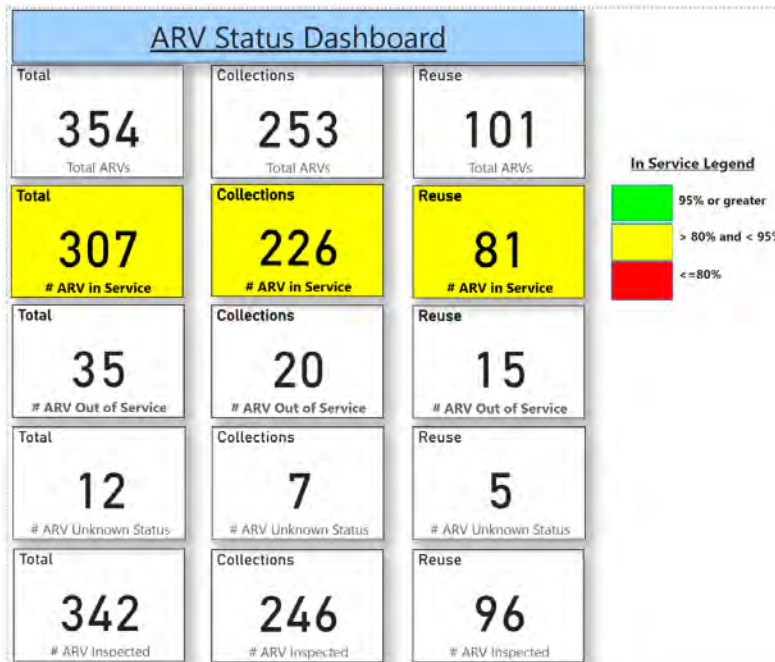
**Lift Station Red Lights:** This month the system experienced 55 total red lights. 39 lift station red lights (with 13 stations experiencing multiple red light events) and 22 low pressure red lights (with 2 stations experiencing multiple red light events).



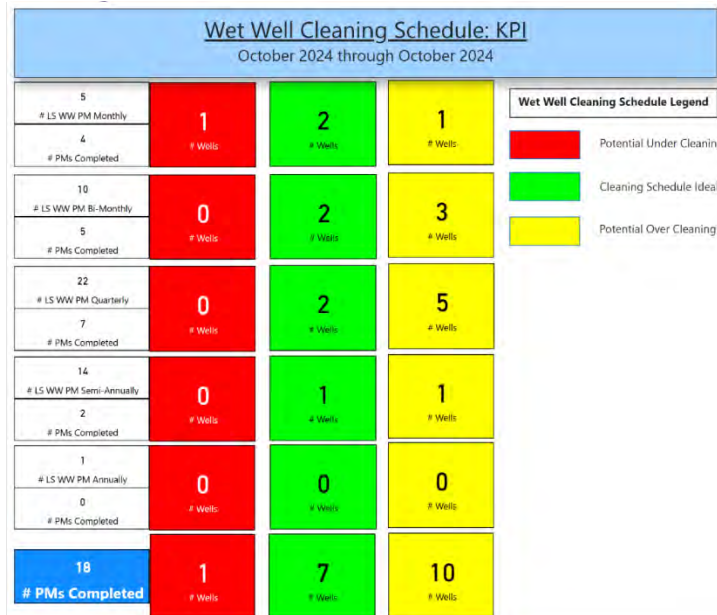
Work Order counts due to red lights exclude red lights due to FP&L power failure since staff have no mechanism to impact FP&L performance during inclement weather or other power outages. Staff continue to include FP&L power outages in the 3-month rolling average for repeat stations and work order counts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



## Air Release Valves (ARV):



## Wet Well Cleaning:



## UNAUTHORIZED DISCHARGES (fka SANITARY SEWER OVERFLOWS)

There were 4 unauthorized discharges in the collection-transmission-distribution system this month.

- 01 - LS012-VA 15 gal failed 2inch PVC elbow Center Street 10-15-2024
- 02 - IQ518-IQM075 200 gal failed repair clamp parkside drive 10-16-2024
- 03 - LP0623-V1 4 gal failed pvc check valve waterway road 10-18-2024
- 04 - LS148-FM 50 gal breach of containment SE Federal Highway 10-31-2024

### Field Sewage and IQ SSO Summary: 13 Month

### Unauthorized Discharge FIELD : KPI

Field Sewage Unauthorized Discharge by Month			
Date	Occurrences	Total Gallons	Impacting Surface Waters
October 2023	3	96	0
November 2023	6	1,702	1
December 2023	3	45	0
January 2024	2	25	0
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
<b>Total</b>	<b>42</b>	<b>9,790</b>	<b>2</b>

Field IQ Unauthorized Discharge by Month			
Date	Occurrences	Total Gallons	Impacting Surface Waters
October 2023	1	20	0
November 2023	0	0	0
December 2023	2	220	0
January 2024	0	0	0
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
<b>Total</b>	<b>7</b>	<b>1,579</b>	<b>1</b>

**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





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## **MEMORANDUM**

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

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

DATE: November 15, 2024

SUBJECT: October 2024 Operations Department Monthly Report

### **Treatment Plant Division / Maintenance Department**

Overall, the month of October was productive with all monthly reports prepared and submitted on time. There were no permit exceedances this month. The treatment plant generally operated efficiently and met all treatment objectives. This month the cumulative flow to the District's wastewater treatment plant was on the same order of magnitude as the flows recorded during the month of September. The maximum daily flow during October was recorded at 10.284 million gallons per day (MGD) on October 7, 2024. This maximum flow appears to be directly attributable to significant and sustained rainfall received on October 5<sup>th</sup> and 6<sup>th</sup>, which were recorded at 2.75-inches and 1.20-inches, respectively. It should be noted that this maximum daily flow did not occur because of rainfall associated with Hurricane Milton, which made landfall on October 9<sup>th</sup> through the 10<sup>th</sup>. The plant did not experience any unauthorized discharges for the month of October.

This month, Operations and Maintenance Staff worked quickly and efficiently through the Emergency Operations Conditions (EMCONs) response for Hurricane Milton. Staff were able to prepare the WWTP and grounds for the storm in less than two days. While the storm did not end up significantly impacting the District's WWTP, this event served as a refresher in storm response. As part of the storm response, the District's Operations Hurricane Team was activated. The Hurricane Team includes a diverse group of highly skilled staff consisting of the Plant Manager, Safety Officer, Chief WWTP Operator, Four (4) shift operators as well as the Maintenance Foreman and three (3) maintenance technicians. The Hurricane Team is unique, in the fact that, Team members are onsite for the duration of the storm event. This is a significant sacrifice for Staff and demonstrates their dedication to the District, since most Team members are leaving their families at home during potentially precarious conditions.

**Stephen B. Rockoff**  
CHAIRMAN

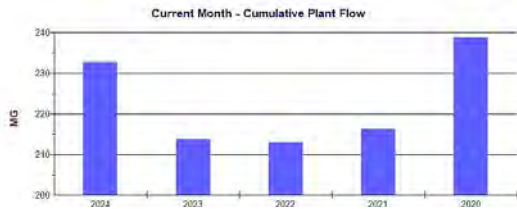
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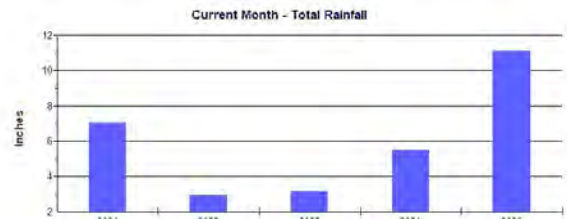
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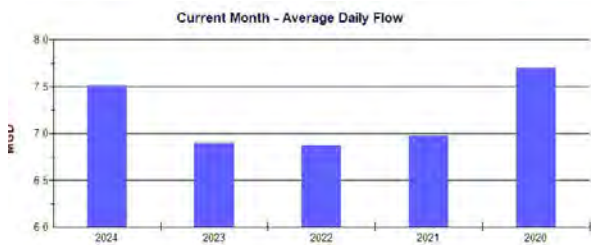
Graphical summaries of the plant flows and rainfall during the month of October, including comparisons with plant flows during the previous month (i.e., September 2024), are presented below.



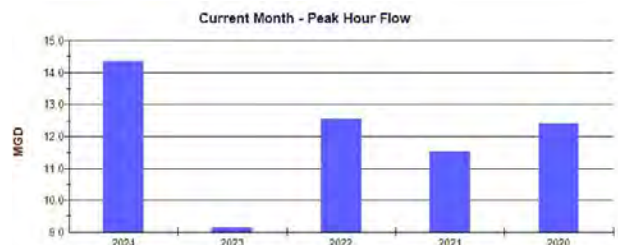
The Cumulative Influent Flow to the plant for the month of October was 232.76 million gallons. This is greater than the September flow of 208.93 million gallons.



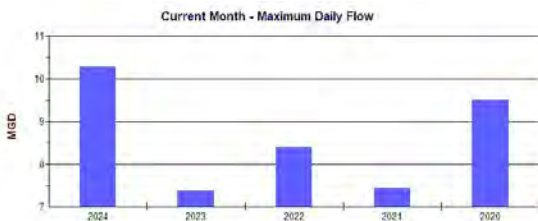
7.02 inches of total rainfall was recorded at the plant site during the month of October. This is slightly less than the September rainfall recorded of 7.82 inches.



The Average Daily Flow (ADF) for the month of October was recorded at 7.51 MGD compared to 6.96 MGD during the month of September and 6.90 MGD during October 2023.

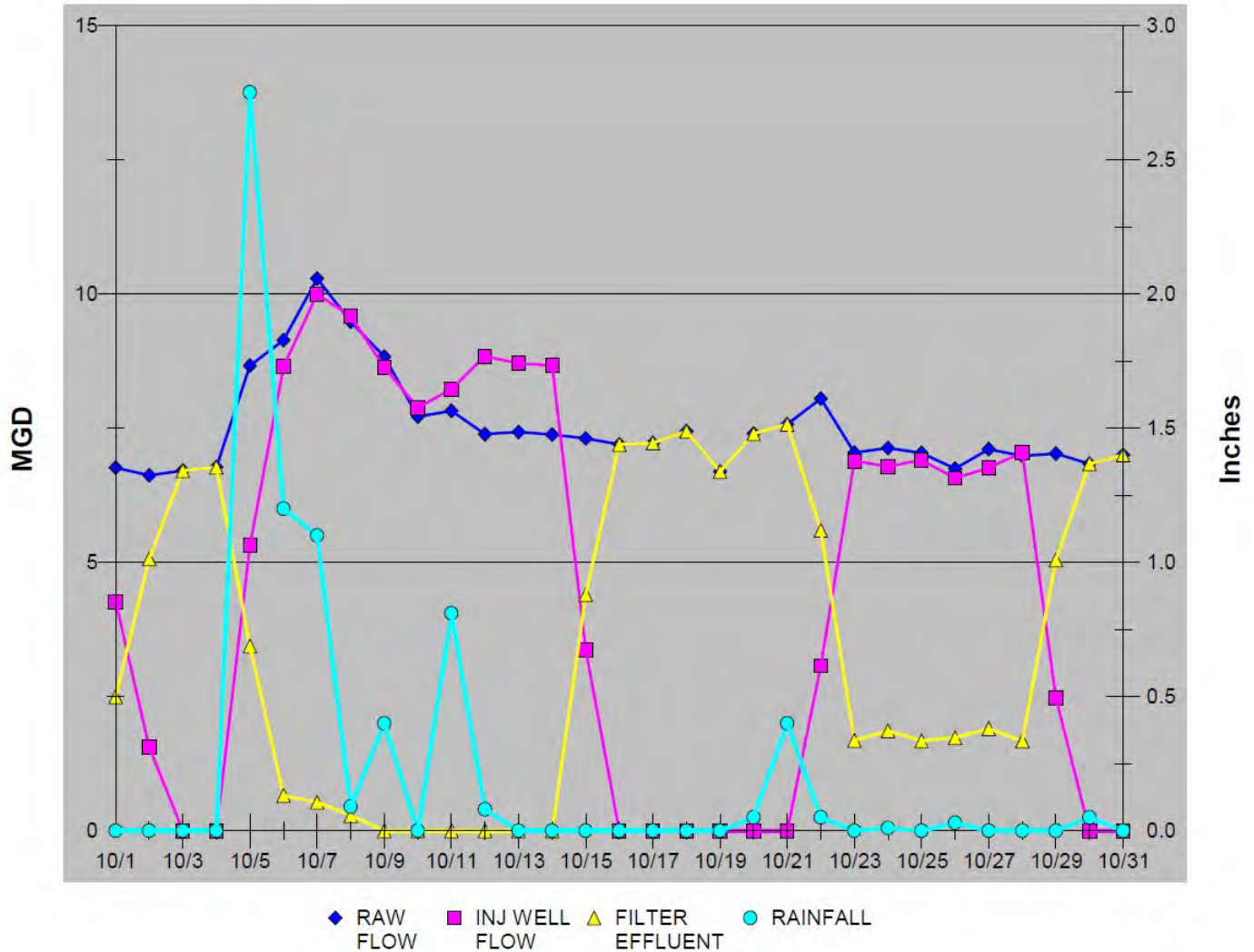


The Peak Hour Flow (PHF) for October was 9,965 GPM which equates to an equivalent daily rate of 14.35 MGD. This is significantly greater than the PHF for September of 6,528 GPM (9.40 MGD).



The Maximum Daily Flow (MDF) in October was 10.28 MGD. This is significantly greater than the MDF for September of 7.50 MGD.

For the month of October, 46.78% or 108.87 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 140.18 MG of blended effluent was diverted to the deep injection well for disposal. The plant delivered a total of approximately 120.91 million gallons of IQ water to the reuse customers during the month of October.



Year to date (i.e., Calendar Year 2024), approximately 72.86% 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 1,762.82 million gallons.

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

# LOXAHATCHEE RIVER DISTRICT OPERATIONS DASHBOARD



Plant											Pre-Treatment	IQ
Benchmark / Customer Expectation	Percent of Plant Capacity	SRT, MAvg	Aerbay NH3, MAvg	Sludge Yield, MAvg	Sludge Volume Index, MAvg	Secondary Treatment Performance	Permit Exceedance	CE CL2 Usage, MAvg	Dewatered Biosolids Cake, MAvg	IQ511 WW LSI	Grease Interceptor Inspections	NANO Blend
	Mean Daily Incoming Flow	day(s)	% Reduction	lbs WAS/lbs cBOD	mL/g	Mean Clarifier TSS	# days	lbs CL2/MG	% Solids	Index	% requiring pump out	Max Specific Conductance (umhos/cm)
<b>Green Level</b>	≤ 70%	≥0.9 - ≤1.1	≥30 - ≤40	≥0.90	≤ 200	< 10	Zero	≤ 85	≥14.5	≥-0.3 - ≤0.3	<15	<1298
<b>Yellow</b>	≤ 80%	≥0.8 - ≤1.2	≥25 - ≤45	≥0.80	≤ 250	< 15		≤ 100	≥13.5	≥-0.6 - ≤0.6	≤25	≤1578
<b>Red</b>	> 80%	<0.8 - >1.2	<25 - >45	<0.80	> 250	≥ 15	≥ 1	> 100	<13.5	<-0.6 - >0.6	>25	>1578
2021 Baseline	65.95%	1.01	34.75	1.06	226	8.1	0.00	76.92	14.55	0.23	8	1183
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	76.54	15.57	0.52	13	1296
2023 Oct	61.62%	1.02	31.33	1.12	272	6.8	0	84.91	16.25	1.02	14	1281
Nov	62.44%	0.97	33.18	0.88	236	8.5	0	70.23	16.03	0.15	15	1255
Dec	64.74%	0.92	30.47	0.74	256	9.7	0	88.32	16.16	0.33	14	1218
2024 Jan	66.32%	0.90	28.68	0.80	233	8.7	0	98.10	16.17	0.12	14	1209
Feb	67.47%	0.85	28.50	0.73	216	10.6	0	76.68	15.68	0.64	15	1239
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	116.08	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
Consecutive Months at Green	126	5	1	0	0	7	42	0	22	0	7	17
Metric Owner												

**Metric**

**Explanation**

Sludge Yield

Sludge yield directly correlates to SVI. There is an inverse relationship between the two parameters. As SVI increases, which indicates poorer sludge settleability, sludge yields will correspondingly decrease.

SVI

The higher than desired SVI reported this month was due to increased filamentous organisms. 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. The potential for the formation of filamentous organisms increases during the fall as seasonal flow and waste loads to the WWTP increase. Staff have implemented weekly chlorine dosing of the RAS to combat this issue. It should be noted that Staff are in the process of developing a pilot test plan to evaluate the integration of an anaerobic selector zone into the current secondary treatment process. Anaerobic selector zones are typically an effective way to naturally reduce the formation of filamentous organisms by minimizing the biological conditions in which they thrive and propagate in a wastewater system.

CL2 LBS/MG

This month, most of the influent flow to the WWTP was treated to secondary treatment standards and diverted to the deep injection well (DIW) for disposal. When disposing of effluent to the DIW, the plant is only producing 2 million gallons per day (MGD) of IQ water for plant process water purposes. At this reduced flow rate, the amount of chlorine applied per MG is increased because the detention time in the contact basin goes up considerably. Depending on process conditions, the approximate chlorine feed (i.e., application) rate during these periods fluctuates between 200 to 250 lbs./day which is equivalent to 100 to 125 lbs./per day.

IQ511 LSI

The LSI sample on 10/12/24 was 0.72 for IQ 511 wet well. Upon looking back at 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 511 LSI could be contributed to an increase in calcium and pH. 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.

**Treatment Plant:**

Operations Staff continued to perform routine monitoring, sampling and general maintenance of equipment and structures. Staff also completed and/or supervised work for special projects during the month including the implementation of improvements to improve the storm resiliency of Main Generator No. 1. Main Generator No. 1 is the smaller of the two primary generators dedicated to providing emergency power to the District's wastewater treatment plant (WWTP). The generator was installed as part of WWTP upgrades constructed in 2007. To eliminate the need to construct a dedicated, permanent structure onsite to house the generator, the generator was supplied by the manufacturer with a free standing, hurricane rated, enclosure. The enclosure was designed based on a maximum wind speed of 150 miles per hour (mph). During a site walkthrough, Staff noted that the air intake plenum/louver of the enclosure could be improved to significantly reduce the likelihood of wind-driven rain from being ingested by the generator unit. When operating, the generator cooling system fan pulls ambient air through the plenum across the generator unit and through the radiator unit. To mitigate potential damage and/or failure of the generator, the amount of water ingested during this process should be minimized to the extent possible. After reviewing the installation, Staff developed a plan to install a plenum wall using modular, pre-cast concrete bin blocks. The plenum wall will serve as a wind break which will significantly reduce the likelihood of rain droplets being pulled into and through the enclosure. Staff reviewed the free surface area of the existing plenum as well as the air flow requirements of the generator unit to determine the offset of the bins from the enclosure opening to ensure that the air velocity through the plenum remained unchanged.



**Main Generator No. 1 – Plenum Improvements**

This past month, Operations and Maintenance Team members worked together to implement specific improvements to the chlorine monitoring and alarm system within the chlorine building. The improvements included the installation of a hard wired, relay type push button switch within the building. The button, which can be pushed in the event of an unplanned release of chlorine, is configured to immediately activate the emergency chlorine scrubber system dedicated to the building and provide remote alarm indication via the plant supervisory control and data acquisition (SCADA) system. Previously, all alarms would only be triggered automatically via the online, chlorine monitoring system which includes a total of four (4) sensors. This improvement provides a means for Operations Staff to manually initiate/indicate an alarm condition prior to the chlorine monitoring system being activated. These improvements can significantly improve emergency response times, in the unlikely event of an emergency.



**Chlorine Alarm System – Notification System Improvements**

## **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.

The Maintenance Team completed the reinstallation of the existing 50-horsepower (hp) motor and pump for Filter Pump Station No. 1, Pump No. 3. Filter Pump Station No. 1 (FPS-1) is the primary pump station which conveys treated effluent from the secondary clarifier units to the tertiary filtration units (i.e., deep bed filter units). The pump station collectively includes a total of four (4) identically sized vertical turbine pumping units. Each of the pumping units has a rating of 4,200 gpm or 6.048 MGD. The pump station was designed based on three (3) of the pumping units being duty pumps and one of the pumps being maintained as a redundant pump.

The vertical turbine pump and motor for Pump No. 3, which were both original to the pump station, previously experienced a catastrophic pump shaft seal failure due to significant shaft wear resulting from years of service. In response, Maintenance Team members removed the pumping unit, pump head and motor and sent each offsite to a mechanical contractor for rehabilitation and reconditioning. Upon reinstallation, the completely assembled pump and motor were tested to confirm operation in conformance with the manufacturer’s pump performance curve.



**Filter Pump Station No. 1 – Pump No. 3 Reinstallation**

During the month of September, Maintenance Team members completed an inspection of the axial flow pump installed at the stormwater pump station dedicated to the canal (i.e., J-Canal) along the south perimeter of the WWTP site. The purpose of the pump station is to control the water level elevations within the perimeter canal and to minimize the potential for standing water to accumulate along the adjacent residential properties to the south of the plant site. The pump station conveys stormwater from the J-Canal to an outfall which discharges into the south end of Irrigation Quality (IQ) Storage Lake No. 2. During the inspection, Staff determined that the axial flow pump and motor were no longer serviceable. The pump was replaced with a spare pump maintained in inventory. The existing pump and motor will be sent offsite and inspected by a qualified pump repair shop. Depending on the findings, the pump and/or motor will be either rebuilt or replaced.



**South Perimeter Canal Stormwater Pump Station – Pump Replacement**



Lastly, Maintenance Staff members completed necessary electrical service upgrades to the former Busch Wildlife Sanctuary stormwater pump station dedicated to the cypress swamp. During periods of excessive rainfall, this entire area is inundated with significant standing water which makes the boardwalk area inaccessible due to significant standing water and results in a noticeable increase in pests/insects. As part of the restoration of the site by BWS during their exit, the electrical service to this pump station was demolished. Since this time, Staff have been utilizing a portable generator unit, when necessary, to intermittently operate the pump station. Staff evaluated viable alternatives to extend permanent power to the station and determined that the station could be serviced through the existing electrical lighting panel at the former BWS amphitheatre.



**Former BWS Cypress Pump Station – Electrical Service Upgrades**



# 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](http://loxahatcheeriver.org)

## MEMORANDUM

TO: Albrey Arrington, Ph.D., Executive Director  
FROM: Bud Howard, Director of Information Services  
DATE: November 14, 2024  
SUBJECT: Information Services Monthly Governing Board Update for October 2024

### WildPine Ecological Laboratory

#### Riverkeeper Project

In October, the lab staff and our partners collected 171 water quality samples from 33 monitoring stations throughout the watershed. A total of 72 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 October 2024 was “Fair” with 61% of all samples meeting the EPA/DEP water quality criteria for each site, similar to last month’s “Fair” score of 60%, and down from last year’s October score of 67% (see score card below).

As we near the end of the rainy season, we are still seeing degraded water quality. This was a result of the sporadic heavy rainfall (totalling over 8 inches) and associated freshwater flows during the first half of October. Water quality samples were collected a few days after significant rainfall. This runoff combined with warm water temperatures and high productivity, have historically resulted in degraded water quality. The most significant drivers of the lower overall score this month were the low chlorophyll and phosphorus scores.

For the core parameters, *total nitrogen* scored “Good” during October with 82% of sites meeting the water quality criteria. This was down from last month’s “Good” score of 88% and last year’s “Good” October score of 88%.

*Total phosphorus* results scored “Poor” in October with 48% of sites meeting the water quality criteria. This was notably worse than last month’s “Fair” score of 72%, but identical to last year’s October score of 48%.

*Chlorophyll* results also scored “Poor” again for October, with 55% of sites meeting the stringent water quality criteria, but better than last month’s score of 48%, and last year’s October score of 39%.

Stephen B. Rockoff  
CHAIRMAN

Kevin L. Baker  
BOARD MEMBER

Gordon M. Boggie  
BOARD MEMBER

Dr. Matt H. Rostock  
BOARD MEMBER

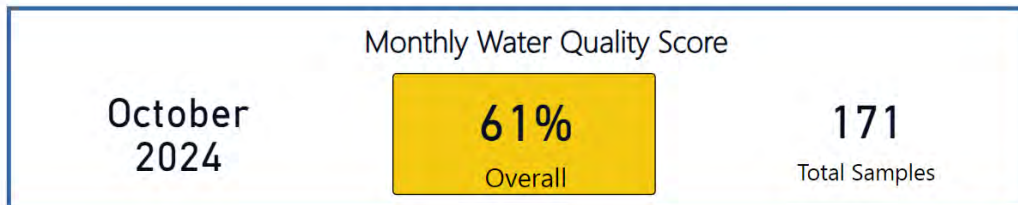
Clinton R. Yerkes  
BOARD MEMBER

For the combined *fecal indicator bacteria* (fecal coliforms in all waters, enterococci in marine and brackish waters, and *E. coli* in fresh waters), October results scored “Fair” with 61% of sites meeting the water quality criteria, better than last month’s “Poor” score of 51%, but worse than last year’s October score of 81%.

SampDate  
 10/1/2023 10/30/2024

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

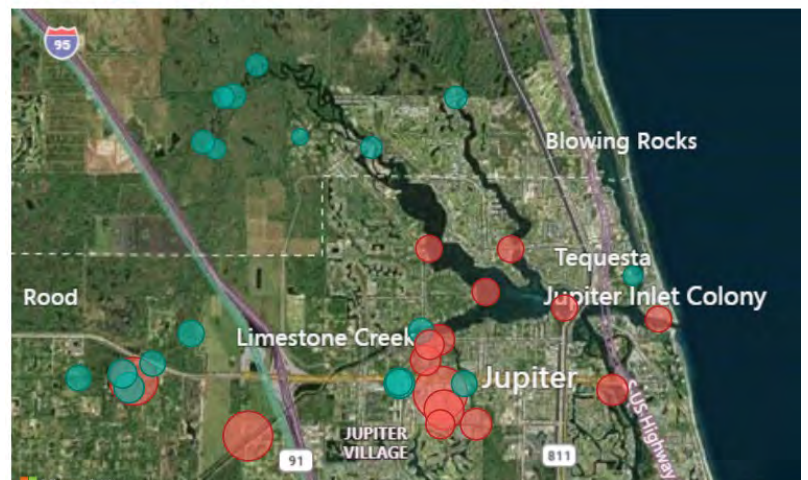
Year	Month	# Samples	Overall Score	# TN Samples	Total Nitrogen Percent Good	# TP Samples	Total Phosphorus Percent Good	# CLA Samples	Chlorophyll Percent Good	# BAC Samples	Bacteria Percent Good
2024	October	171	61%	33	82%	33	48%	33	55%	72	61%
2024	September	144	60%	25	88%	25	72%	25	48%	69	51%
2024	August	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%
2024	January	179	79%	33	85%	33	79%	33	61%	80	84%
2023	December	120	83%	25	100%	25	72%	25	72%	70	81%
2023	November	179	73%	33	88%	33	76%	33	48%	80	76%
2023	October	157	67%	33	88%	33	48%	33	39%	58	81%
<b>Total</b>		<b>2087</b>	<b>72%</b>	<b>391</b>	<b>89%</b>	<b>366</b>	<b>69%</b>	<b>391</b>	<b>51%</b>	<b>939</b>	<b>76%</b>

### Spatial Distribution of Water Quality Results

In October, *chlorophyll* results met the water quality criteria at 18 of 33 sites (55%). Most of the marine and brackish stations scored “poor”, which have stricter water quality criteria than the freshwater stations. The Delaware Street (DEL) site in Jones Creek, again had the highest chlorophyll concentration this month at 57 µg/L, which was not unusual for this site, this time of year, in the dead-end canal. Average chlorophyll levels across all the Jones Creek stations were lower this month at 19 µg/L, better than last month’s average of 31 µg/L.

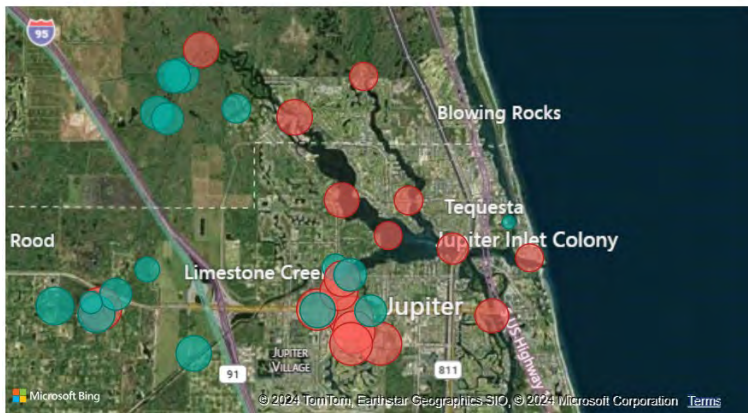
Chlorophyll a (ug/L)

CHL\_Score ● GOOD ● POOR



Total Phosphorus (mg/L)

TP\_Score ● GOOD ● POOR

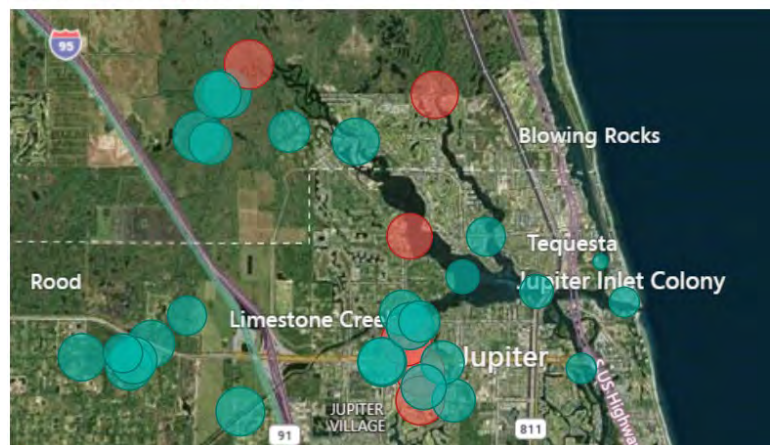


Total phosphorus scored “good” at 16 of 33 sites (48%) tested in October. Like chlorophyll, most of the “poor” stations were in the marine and brackish sections of the river. The Delaware Street (DEL) site in Jones Creek also had the highest phosphorus concentration this month at 0.16 mg/L. The average phosphorus levels across all the Jones Creek stations were slightly lower this month at 0.12 mg/L, down from 0.14 mg/L.

Total nitrogen scored “good” at 27 out of 33 sites (82%) tested in October. The “poor” scoring stations were scattered throughout the 3 forks of the river. The Center Street (735) station in Sims Creek had the highest concentration of nitrogen at 1.4 mg/L. The average nitrogen levels across all the Jones Creek stations were lower this month at 1.1 mg/L, down from 1.4 mg/L. We will continue monthly monitoring in Jones Creek for at least the next few months to further assess the trends in water quality following the Town of Jupiter’s Vegetation Trimming project.

Total Nitrogen (mg/L)

TN\_Score ● GOOD ● POOR



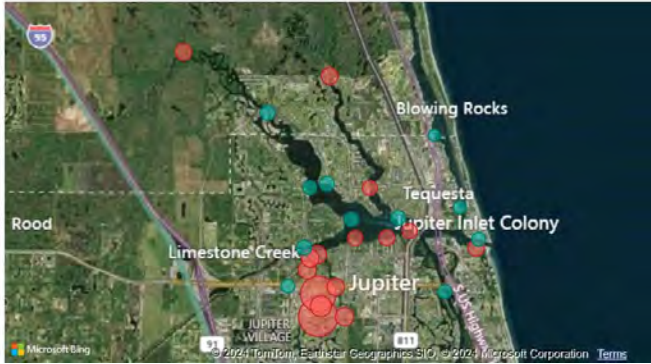
The overall *bacteria* result scored “good” at 44 out of 72 sites (61%) in October. For Enterococci bacteria (map below, left), the state’s preferred indicator bacteria for salt and brackish waters, fifteen stations scored “poor” when compared to the water quality standard of 130 MPN/100mL. All stations in Jones Creek scored “poor”. The upstream culvert in Jones Creek (JCU) had the highest enterococci concentration at 8,664 MPN/100mL. Delaware Street (DEL) had the next highest enterococci at 6,448 MPN/100mL. Altogether, the stations in Jones Creek averaged 2,908 MPN/100mL, a notable decrease from September’s average of 6,272 MPN/100mL.

For fecal coliform bacteria (see map below right), only five stations scored “poor” when compared to the water quality standard of 800 MPN/100mL. These results are excellent for this time of the year. Three out of 6 stations in Jones Creek scored “poor”. Again, the Uppermost Culvert (JCU) in Jones Creek had the highest concentration at 7,701 MPN/100mL. Delaware Street (DEL) had the next highest fecal coliforms at 2,046 MPN/100mL. These two stations are at the dead ends of

Jones Creek and, therefore, generally experience less flushing and tidal exchange. Altogether, the stations in Jones Creek averaged 1,993 MPN/100mL fecal coliform, a decrease from September's average of 4,621 MPN/100mL.

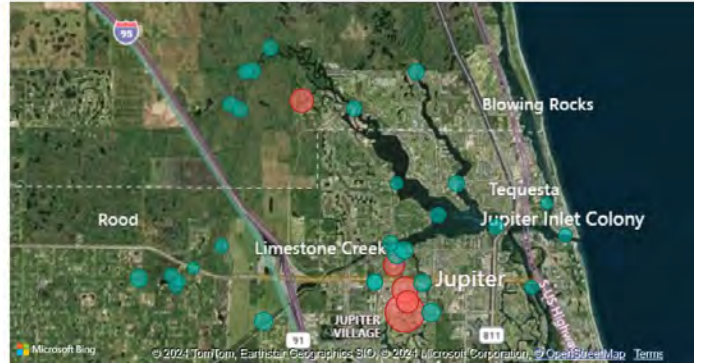
Enterococci Bacteria - Criteria: 130 MPN/100mL

ENT\_Score ● GOOD ● POOR

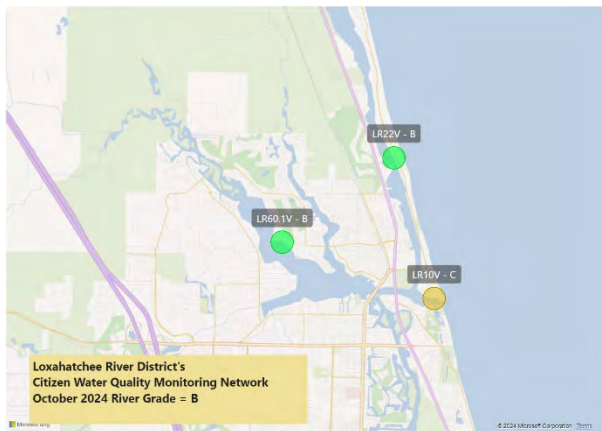


Fecal Coliform Bacteria - Criteria: 800 MPN/100mL

FC\_Score ● GOOD ● POOR



## Volunteer Water Quality



The Loxahatchee River Citizen Volunteer Water Quality Grade for the month of October was a low "B". Turbulent surf resulting increased turbidity during incoming tide, combined with tannic freshwater water during outgoing tide, reduced the water color and clarity scores at the Inlet Site (LR10V). The significant freshwater flows also help explain the lower than normal salinities measured at all sites. On October 13, the Inlet experienced one of the lowest salinity levels (18.4 ppt) in the last 25 years of citizen monitoring at the site, even though the S-46 flood control structure partially open with only modest flows less than 100 cfs.

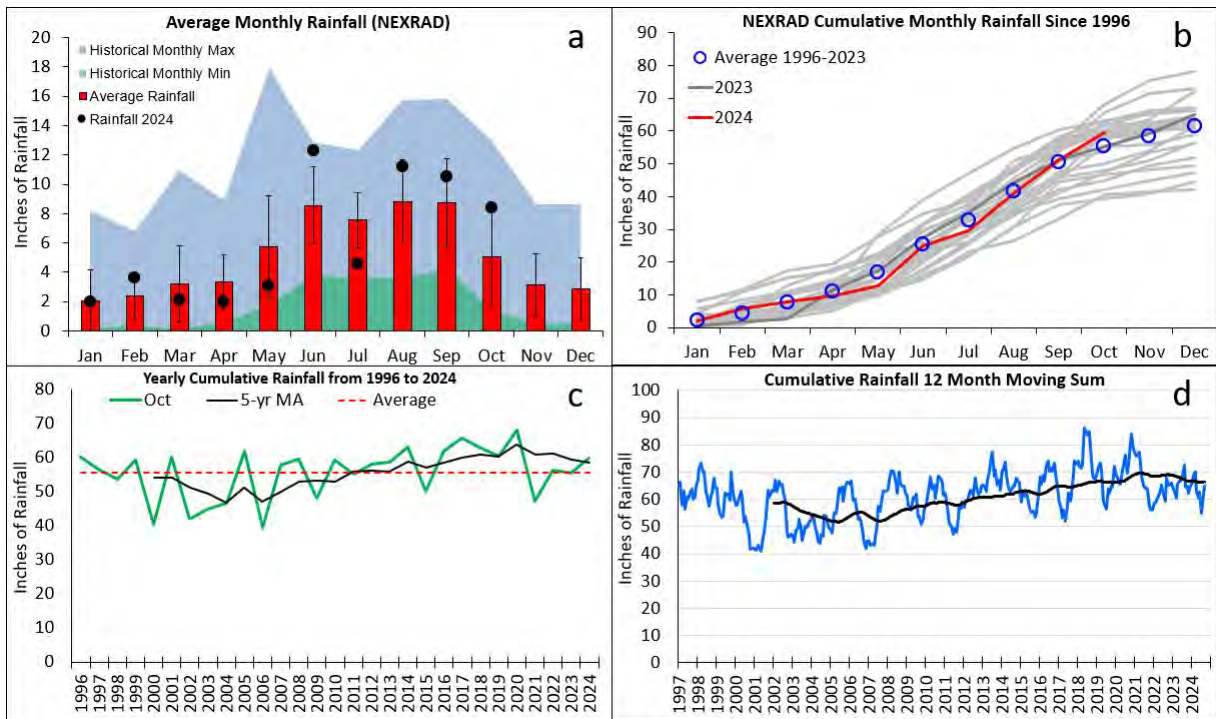
Site	Averaged results for the Month							Monthly Cumulative Grades					Cumul. Monthly		
	Temp (°C)	Secchi	Salinity	pH	DO	DO%	Color	Vis	Salt	pH	DO	DO%	Color	Score	Grade
LR10V	26.1	0.85	27.8	8.0	6.5	94.1	1.8	F	C	C	A	B	F	54.2	C
LR22V	28.0		29.5	8.1	4.5	67.8	1.0		C	A	C	C	A	70.0	B
LR60.1V	23.5	VAB	14.5		5.2	66.8	1.0	B	C		B	B	A	75.0	B
Average	25.9													62.5	B

VAB (Visible at Bottom)  
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

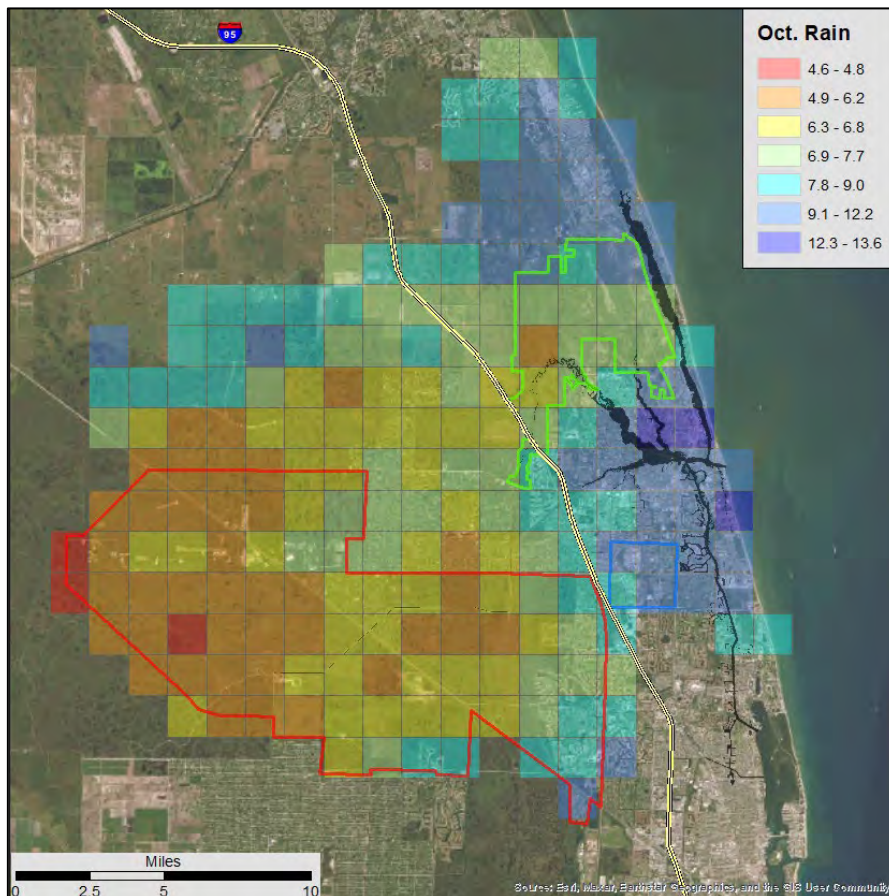
## Hydrologic Monitoring

Rainfall across the watershed during October averaged 8.4". This was about 66% higher than the historical monthly average of 5.1" (panel 'a' in figure below), and more than twice the 4.0" the watershed received during October 2023. Rain was detected within the watershed 22 of the 31 days in October (where daily rain  $\geq 0.1$ " ), with the highest single day total of 2.2" falling on October 6. Most, or about 84%, of the total rainfall for October occurred during the days leading up to the passing of Hurricane Milton on October 10. Cumulative year-to-date rainfall through October totaled 59.7", putting us about 8% higher than the 55.4" historical average through October, and about 8% higher than the same month last year (panel "b" below). Yearly cumulative trends continue to indicate that annual rainfall through October is tracking toward near-average levels. This follows a roughly 10-year period of increased rainfall that peaked at 68.1 in 2020 with the 5-year moving average generally declining since then (panel "c" below). The 12-month moving sum through October was 69.4", slightly higher than the 65.0" year-over-year moving sum (panel "d" below). The generalized long-term trend indicated in panel "d" below continues to show that total rainfall within the watershed has generally shifted upward from historical ranges since around 2012, but has leveled off over the past several years.



Figures above display various measures of rainfall. Panel (a) shows average monthly rainfall from 1996 to 2023 (red bars; error bars indicate  $\pm 1$  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 2024; dark grey line indicates rainfall during 2023. Blue circles are monthly cumulative average rainfall measured between 1996-2023. 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).

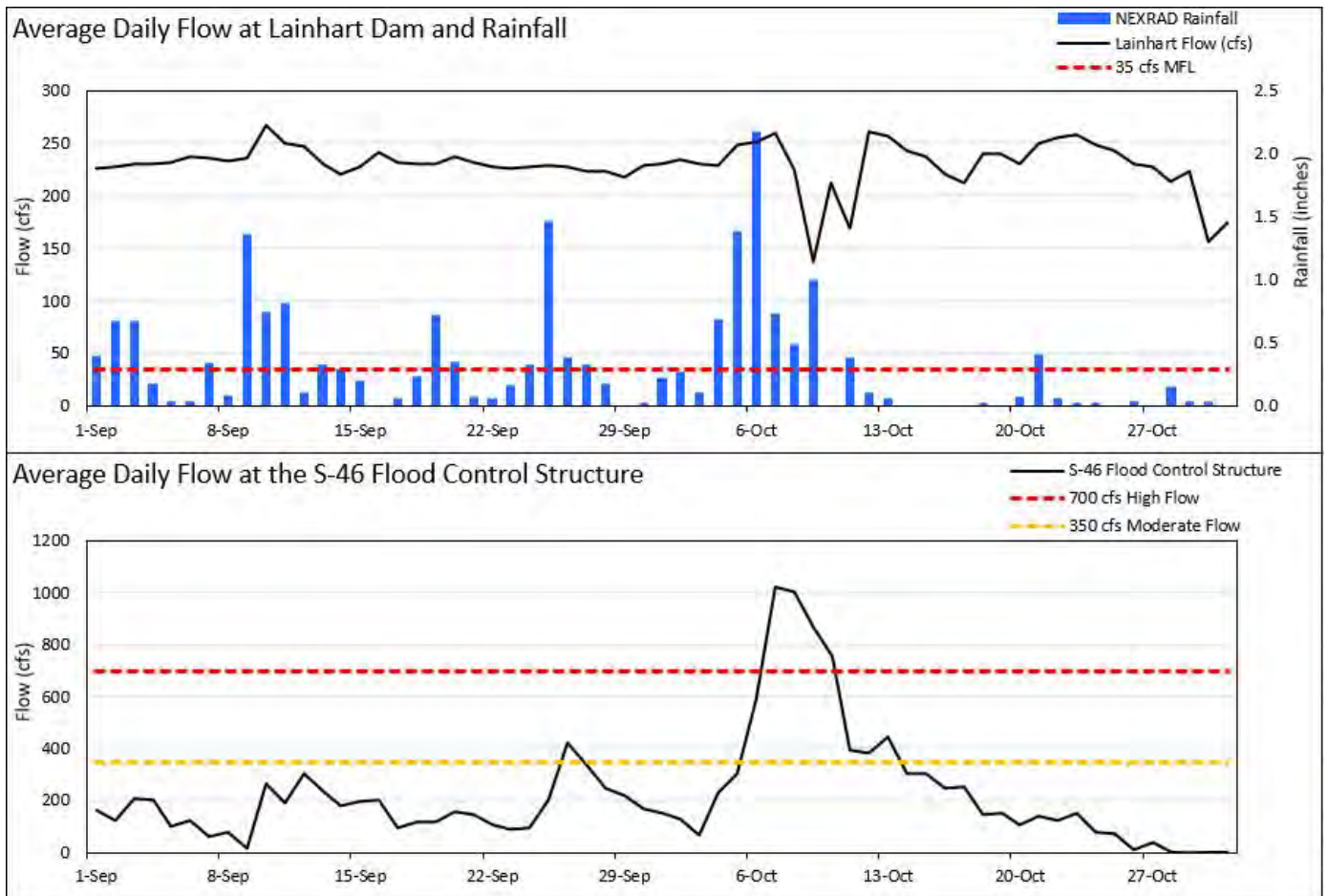
The spatial distribution of rainfall across the watershed during October varied over 9", ranging from 4.6" in the driest regions to 13.6" in the wettest areas (figure below). During October, the last month of the historical wet season, the shift in more rain along the coastal regions may be indicative of an early start to the typical dry season rainfall patterns. The highest rain totals during October occurred over urban Jupiter and associated Loxahatchee River Estuary (blue and purple cells below). The driest regions were generally in the C-18 drainage basin, with the least amount of rain falling near the J.W. Corbett Wildlife Management Area and the Pratt & Whitney Facility (red cells in the figure below).



*Maps showing NEXRAD rainfall distribution across the watershed during the month indicated in legend. Each pixel represents an area of 2 km x 2 km. Blue colored pixels show highest rainfall and red pixels show lowest rainfall. For reference, the red line is the C-18 basin which includes portions of J.W. Corbett WMA, Loxahatchee Slough, and Pine Glades Natural Area; green line shows Jonathan Dickinson State Park boundary, light blue line shows the Abacoa development.*

## River Flows

High rainfall during early October had a corresponding effect on river flows. Daily average river flow measured at Lainhart Dam generally remained elevated but stable through October, ranging between 138 cfs to 261 cfs, with an average of 228 cfs (upper panel figure below). The minimum flow of 138 cfs occurred on October 10 as excess water was diverted through the S-46 flood control structure in preparation for the effects of approaching Hurricane Milton on October 10. However, the storm did not bring significant rainfall and flood control releases through the S-46 steadily decreased to zero flow by month's end, and flow through the Lainhart Dam resumed to an average flow of 230 cfs. Peak average flow at the S-46 structure of 1,026 cfs occurred on October 7. During the month of October, daily average flow exceeded the 350 cfs "Moderate Flow" - the threshold our research suggests there is minimal stress to the estuarine habitats during, for an eight-day consecutive period between October 6-13. Within that period, from October 7-10, flow rate exceeded the 700 cfs "High Flow" that research indicates can cause harm to the estuarine habitats.



Top Graph: Sixty-day mean daily flow measured at the Lainhart Dam with the 35 cfs MFL threshold indicated (dashed red line). Blue bars show average daily rain from NEXRAD rainfall data. Bottom Graph: Sixty-day mean daily flow measured at the S-46 flood control structure with the 350 cfs "Moderate Flow" (yellow dashed line) and the 700 cfs "High Flow" (dashed red line). Data from SFWMD.



## Oyster Spat Monitoring

Oyster spawning and spat settlement for the 26-day period ending October 14 indicated a more significant than anticipated decline in settlement activity in both river forks. Oyster settlement was lowest in the Northwest Fork where spat density averaged 199 spat/m<sup>2</sup> with the downstream site accounting for all of the total settlement activity in the Northwest Fork (figure below). This oyster spat density was well below the historical average of 6,851 spat/m<sup>2</sup> and was a small fraction of the 19,291 spat/m<sup>2</sup> spat density during same period last year (2023).

The Southwest Fork experienced a modest increase in settlement activity since last month with an average of 537 spat/m<sup>2</sup>, with settlement activity slightly higher, or 59%, at the upstream site. Average density was 71% lower than the 1,871 spat/m<sup>2</sup> historical average for the period, which was also 75% below the 2,143 spat/m<sup>2</sup> spat density during same period last year (2023).

As water temperatures cool during the winter we anticipate lower oyster spawning and settlement activity.

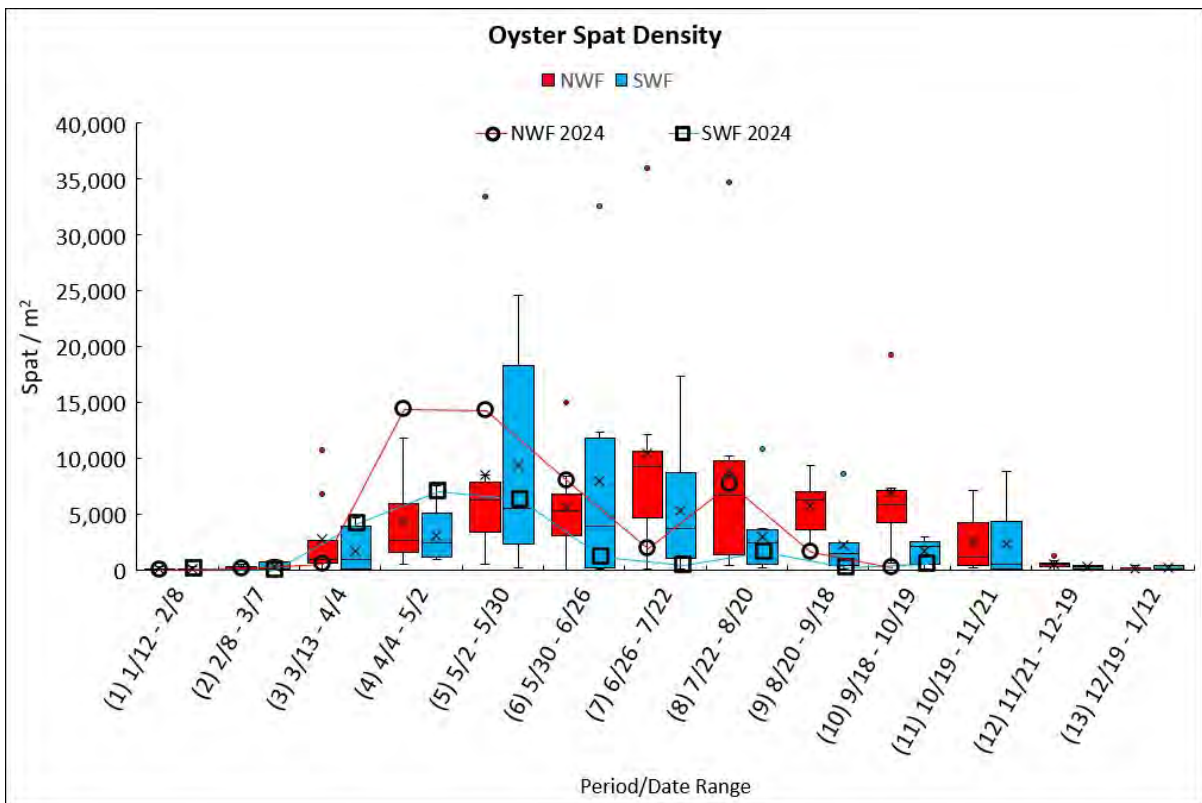


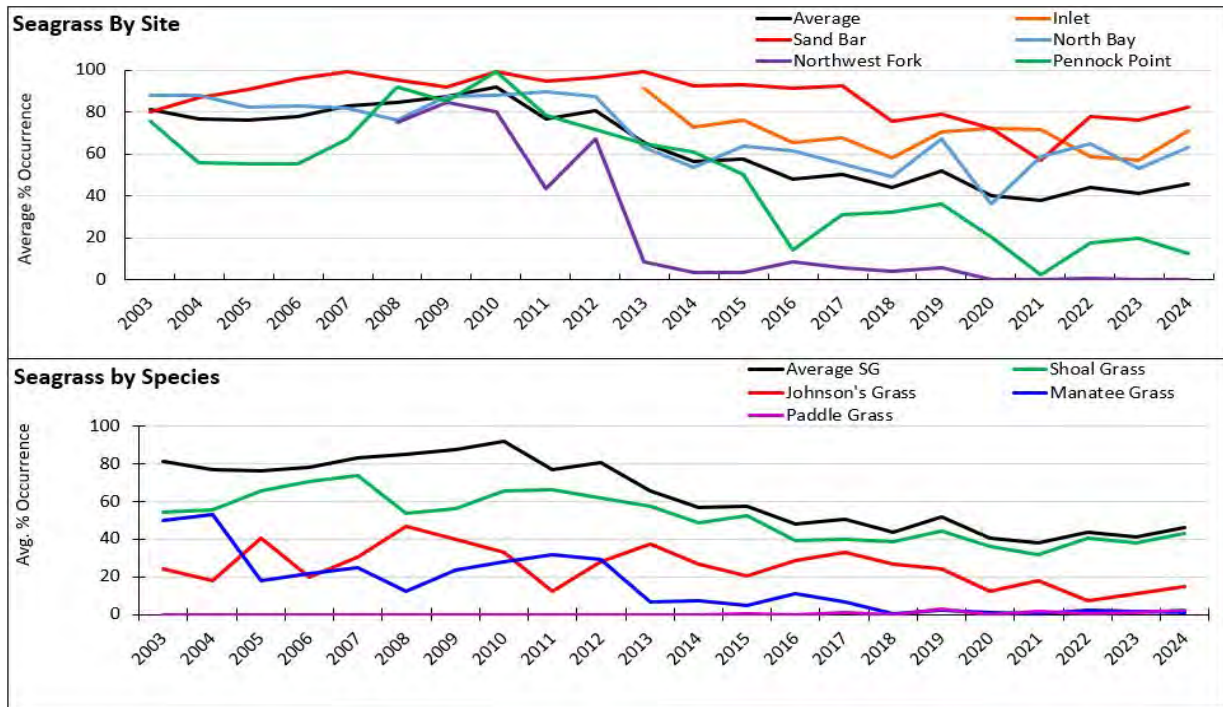
Figure: Box and whisker plot showing interquartile range (IQR) of oyster spat density (spat / m<sup>2</sup>) for each period in the Northwest Fork (red) and Southwest Fork (blue) of the Loxahatchee River between 2016-2023. The "X" indicates period mean. Superimposed on the IQR are the 2024 period means for both the Northwest Fork (circle/red line) and Southwest Fork (square/blue line).

## Seagrass Monitoring

It is an understatement to say that the October seagrass monitoring, the final event for the 2024 season, was a challenge. Strong northeast and east winds throughout the month reduced visibility to just a couple of inches at all but the Pennock Point site. Monitoring at the North Bay site was not conducted during October because of no visibility despite multiple attempts. However, the laboratory staff were able to complete the monitoring at the other sites and all showed modest increases in seagrass coverage compared to October 2023. The most notable increase was at the inlet site where total seagrass occurrence increased about 16% from 51.6% in 2023 to 61.4% in 2024 (top panel in figure below). Sand Bar site experienced similar 14% increase over October 2023 from 56.3% to 65.4%. Pennock Point experienced an increase of 57.6% going from 3.3% occurrence in 2023 to about 7.8% in 2024. Seagrass was still absent at the Northwest Fork site.

Increases in seagrass presence was overwhelmingly driven by Shoal Grass and Johnson's Grass (green and red lines respectively in the bottom panel below). Shoal Grass was widely distributed throughout the estuary. Manatee Grass, once dominant at both the North Bay and Sand Bar sites, remains absent from Sand Bar, but in recent years has experienced a modest return at the North Bay site. Paddle Grass was not detected at any of the seagrass sites monitored in October. Turtle Grass was again absent from the estuary during October and was last seen in at minimal occurrence 2014.

Seagrass monitoring for the 2025 season will resume in April, as seagrasses go dormant for the winter.



Figures above show average percent occurrence of seagrass by site (TOP) and by species (BOTTOM) for the month of October of each year beginning in 2003. The North Bay, Sand Bar, and Pennock Point sites include data back to 2003 when monitoring commenced. Northwest Fork (purple) and Inlet (orange) were added to the monitoring program in 2007 and 2013 respectively.

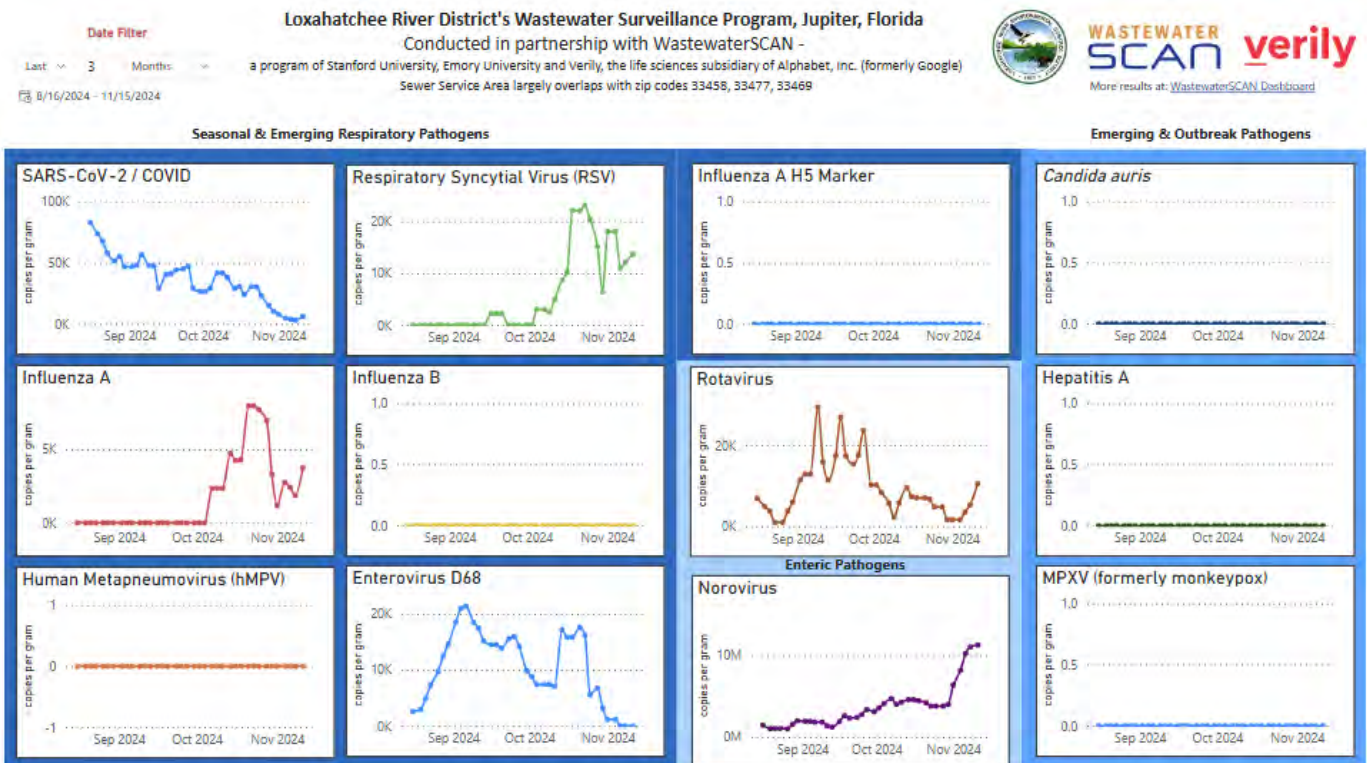
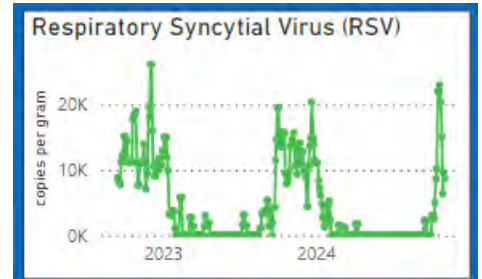
## Wastewater Surveillance

The District's Wastewater Surveillance program, monitoring 12 pathogens through the WastewaterSCAN program, showed higher concentrations of Respiratory Syncytial Virus (RSV), the return of Influenza A, and presence of Rotavirus and Norovirus.

Since last month, we measured a decline in the concentration of Enterovirus D68, a respiratory virus that can be like a common cold but can be dangerous for children with asthma.

RSV is proving to show a predictable pattern with another increase in October, just as we have seen each fall since we started monitoring in September 2022 (inset right).

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



## Customer Service

### Billing & Payments

The distribution of the 4<sup>th</sup> Quarter bills to our 33,453 customers began October 11 and staff were busy processing over 10,000 payments totalling over \$1.1M from our quick paying customers.

This quarter we have over 8,600 customers on Automatic payments, which will process on the November 13 due date. It has been a long road getting the 10,000 plus customers established with our new payment processor or payment option.

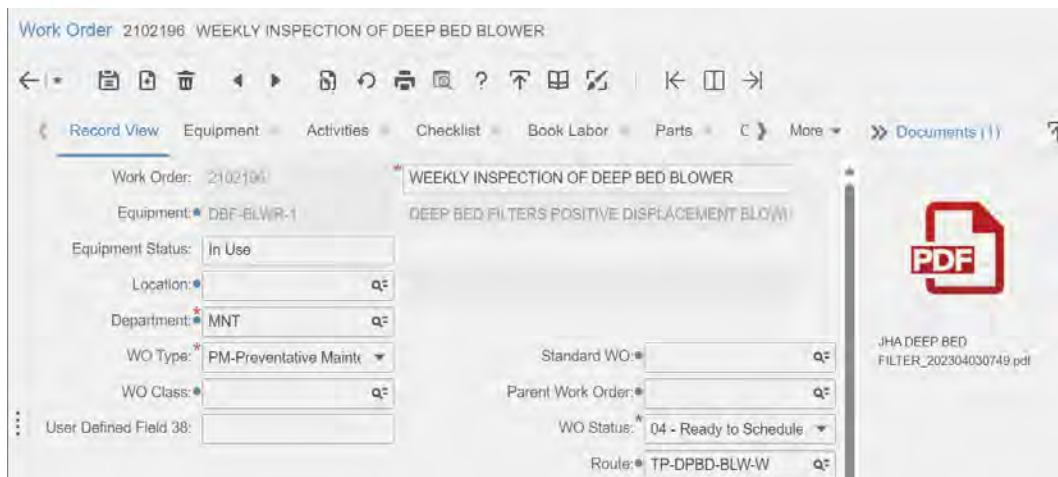
In October, Staff and our Attorneys also completed the quarterly delinquency processing of the Seriously Delinquent letters, Attorney Final Warning letters, Liens, and Lien Amendments.

## Information Technology (IT)

### Computerized Maintenance and Management System (CMMS)

As part of our server migration process, we are deploying a new installation of our CMMS with the latest software release. With this upgrade, the new CMMS systems will provide the users with new features and improved performance.

One of the new features is work order documents can now be found on the document sidebar (figure below). The user can now more easily open the document and add documents using drag and drop.



CMMS work order screen showing the new document sidebar

On the performance side, we are seeing up to a 30% improvement in speed for many common tasks within the system. Users will see a notable improvement with common tasks such as work order creation and checklist completion. The speed improvements on the large processing tasks that previously took hours to complete are a meaningful benefit.

# Loxahatchee River Environmental Center

November 2024



## River Center Summary Statistics

### LRD'S ENVIRONMENTAL STEWARDSHIP DASHBOARD



	<b>Total Visitors</b> <small>(incl. Visitors, Field Trips, Onsite Programs)</small>	<b>1st Time Visitors</b>	<b>Average Program Participation</b> <small>[Actual participants/Capacity of Program]</small>	<b>Volunteer Hours</b>	<b>Visitor Satisfaction</b>	<b>Staff Overall Program Assessment</b>	<b>Expenses</b>	<b>Revenue</b>	
<b>Benchmark / Customer Expectation</b>	<b>Total</b>	<b>Total</b>	<b>% of Capacity</b>	<b>Total</b>	<b>Rating Average</b> <small>[Max Rating is 5]</small>	<b>Rating Average</b> <small>[Max Rating is 9]</small>	<b>% within budget</b>	<b>% of Target</b>	
<b>Green Level</b>	≥ 90%	≥ 90%	≥ 85%	≥ 90%	≥ 4	≥ 7	≥ 85% but ≤ 105%	≥ 90%	
<b>Yellow</b>	≥ 75%	≥ 75%	≥ 70%	≥ 75%	≥ 3	≥ 5	≥ 80%	≥ 75%	
<b>Red</b>	<75%	<75%	<70%	<75%	<3	<5	< 80% or > 105%	<75%	
<b>2021 Baseline</b>	952	73	83%	248	4.7	7.8	92%	85%	
<b>2022 Baseline</b>	1,322	101	111%	240	4.6	7.9	91%	107%	
<b>2023 Baseline</b>	1,462	110	93%	297	4.7	7.8	83%	86%	
2023									
	Oct	1,940	142	100%	142	4.9	7.8	73%	74%
	Nov	1,183	48	110%	154	5.0	8.0	92%	72%
	Dec	1,021	78	79%	81	4.5	8.0	100%	57%
2024									
	Jan	1,178	84	89%	115	4.7	8.3	99%	81%
	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%	714	4.8	7.5	96%	86%
	July	2,120	166	93%	1,240	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	92%	238	4.6	7.6	96%	130%
<b>Consecutive Months at Green</b>	0	0	10	6	13	13	5	4	
<b>Metric Owner</b>	O'Neill	O'Neill	Duggan/Warwick	Patterson	O'Neill	O'Neill	O'Neill	O'Neill	

Metric	Explanation
Total Visitors	The River Center was closed for three days due to Hurricane Milton. During that time four programs were cancelled (153 people). If those programs had been counted, we would have been at 92% of our visitation target.

New Visitors	We received significantly fewer new visitors from friend/family referrals and social media. It is possible that this number could have been higher if we had not experienced Hurricane Milton.
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## River Center General

### River Center Special Programs

#### Tots on Trails – Colors of the Wind [Wednesday, October 16<sup>th</sup>]

This month was a pallet full of fun and colors! Families met at the Delaware Scrub Natural Area and hiked down the trails with their color wheels and found nature items of all colors. As we hiked, we



compared colors of flowers, leaves, sticks, pinecones, and all the bugs and butterflies we saw. As we hiked back, we learned why plants and animals are all different colors and how they can use their colors to blend-in with nature!



#### Blooming in the Garden – Creepy Crawlies [Saturday, October 5<sup>th</sup>]

This month's Blooming in the Garden was about Creepy Crawlies! We started the program with a fun story about spiders then took to the garden to see what we could find. One participant found a huge golden orb weaver spider! Our younger participants found tons of centipedes and millepedes hiding under logs and leaf litter. After

our exploration was done, we headed back inside to craft our own spider webs and plant some seeds. This program is always so fun to provide for our visitors and we can't wait for our next one. We had 24 participants attend.



#### Nature Journaling – Collections & Field Guides: North Jupiter Flatwoods Natural Area [October 3<sup>rd</sup>]

It was a beautiful morning at the flatwoods. As we started out, we discussed the different habitats that could be found at the site, stopped in the cypress swamp, then looked out over the pine flatwoods before heading back into the hammock. There we spent time gathering things that were similar in shape, or color, or function and creating a mini "field guide" of our finds. Sitting in nature and paying attention to the smallest of details is a relaxing way to spend the morning and learn more about the environment around us. We spotted a black racer and corn snake on our adventures!

### Halloween Campfire – Things that Glow [Friday, October 18<sup>th</sup>]



This year's theme for our Annual Halloween Campfire was "Things that Glow", which highlighted bioluminescence and biofluorescence. At scheduled times, guests were invited to watch a bioluminescence demonstration & experiment. They also had the opportunity to check out our living dinoflagellates bioluminescing throughout the event in a special tent set up for visitors. This event included a hayride, glowing crafts in our classroom, a glow scavenger hunt through the garden and center, a fluorescent coral reef

and of course, s'mores! This event is always popular and attracts new visitors every year. This year we welcomed almost 400 visitors! We can't wait for next year!



**FireFest [Saturday, October 19<sup>th</sup>]** On Saturday, Oct. 19<sup>th</sup> Jonathan Dickinson State Park hosted their annual Fire Fest. This event is a fun-filled, family event emphasizing the importance of fire safety and the role of prescribed fire in Florida. The Florida Park Service's District Five Fire Team led educational discussions on the ecology of prescribed fire.



Along with these exciting demos visitors enjoyed interactive exhibits,

crafts, activities, scavenger hunts, and swamp buggy tours. It was great to be back at this event where we saw about 300 visitors. We were fortunate to have some River Center volunteers stop by and help out at our booth.



### Science with Sam – Bioluminescence [ Tuesday, October 22<sup>nd</sup>]



On Tuesday, Science with Sam taught a lesson on bioluminescence. This class focused on organisms that are bioluminescent and why they use their light. Students discussed what types of animals give off bioluminescence, why the animal uses it, and how that helps them survive. Students had the opportunity to create their own glowing craft similar to the bioluminescence of the animals discussed. At the end of class, students were able to observe live bioluminescent dinoflagellates swirl and glow and see how they

use their light as self-defense.



## Volunteer of the Month

Our November Volunteer of the Month is Conchessa Delos Reyes. Conchessa joined The River Center in May of this year and has been an integral part of our day-to-day operation and special events. She is not afraid to step in and help with any task presented. Conchessa loves interacting with others and enjoys facilitating at the Touch Tank. Conchessa always makes every guest feel welcome. She is not afraid to help and even get a little messy with arts and crafts. She is most looking forward to learning more about the environment and attending our animal care training. Thank you, Conchessa, for all that you do to help at The River Center! We appreciate you.



## UPCOMING EVENTS

RSVP at [www.lrdrivercenter.org/events-calendar](http://www.lrdrivercenter.org/events-calendar)  
[rivercenter@lrecd.org](mailto:rivercenter@lrecd.org) or 561-743-7123

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

**November 22, 10:00 a.m. – 12:00 p.m.: Nature Hike [Sweetbay Natural Area]:** Come explore with us! Tie up your hiking boots and join the River Center for our Nature Walk through Sweetbay 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), comfortable clothing, a walking stick, and bring plenty of water. Please RSVP to attend. Space is limited. If the “Register” button gives you an error message, please join our Waitlist!

**November 23, 10:00 a.m. – 12:00 p.m.: Wilderness Skills – [How to Build a Shelter]:** Join the River Center for new Wilderness Skills workshops! This series is designed to educate participants on various wilderness skills to encourage outdoor recreation. Each class will focus on different outdoor skills. We recommend taking all classes for the full experience. This three-part series will include natural shelter building, orienteering, and more! Ages 8+. If the “Register” button gives you an error message, please join our Waitlist! This is not a drop-off program.

**November 30, 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!

**December 6, 12:00 p.m. – 1:00 p.m.: Lecture TBD**

**December 7, 10:00 a.m. – 11:30 a.m.: Blooming in the Garden [Falling Leaves]:** Join the River Center for our Bloomin’ in the Garden program, designed for children ages 3-6. This month’s theme is Snakes Alive! 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. Registration will open 1 month prior to the program date.

**December 7, 10:00 a.m. – 12:00 p.m.: Wilderness Skills – [Leave No Trace]:** Join the River Center for new Wilderness Skills workshops! This series is designed to educate participants on various wilderness skills to encourage outdoor recreation. Each class will focus on different outdoor skills. We recommend taking all classes for the full experience. This three-part series will include natural shelter building, orienteering, and more! Ages 8+. If the “Register” button gives you an error message, please join our Waitlist! This is not a drop-off program.

**December 7, 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](mailto:Volunteer@Lrecd.org)

**December 10, 10:00 a.m. – 12:00 p.m.: Nature Hike [North Jupiter Flatwoods Natural Area]:** Come explore with us! Tie up your hiking boots and join the River Center for our Nature Walk through North Jupiter Flatwoods. 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!

**December 11, 10:00 a.m. – 12:00 p.m.: Sensory Friendly Morning:** On our Sensory Friendly Mornings, we open our center early just for our visitors who need a low sensory experience. Items such as noise-cancelling headphones, sunglasses, and fidgets will be available at our front desk. Visitors are invited to explore the center and gardens at their own pace. 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.

**December 14, 10:00 a.m. – 11:30 a.m.: Science with Sam Green Teens [Network of a Forest]:** Join our Scientist Sam for different science activities! Ages 13-17. Students will take a unique perspective on the communal network trees create in their habitats. We will focus on the science of forests sharing nutrients and sending chemical communication signals around their habitats and ways scientists can detect this forest behavior. There is no cost for this program but please RSVP to attend. Space is limited. If the “Register” button gives you an error message, please join our Waitlist!

**December 14, 3:00 p.m. – 4:00 p.m.: Science with Sam [Invading Invaders]:** Join our Scientist Sam for different science activities! Students will learn the difference between native, invasive, and exotic species, along with learning common invasive-exotic animals and plants of our area. Students will partake in a class discussion as to how we think some of these species got here and what we can do now that they are. The class will include animal encounters with invasive-exotic reptile species. There is no cost for this program but please RSVP to attend. Space is limited. Registration will open November 19<sup>th</sup>. If the “Register” button gives you an error message, please join our Waitlist!

**December 17, 9:30 a.m. – 11:30 a.m.: Swamp Tromp [Pine Glades Natural Area]:** Come explore with us! Join the River Center on our Swamp Tromp series as we wade through the freshwaters of Pine Glades Natural Area. Walk along the guided paths and immerse yourself in this local natural area. Interested participants should wear long pants, comfortable clothing, bug spray, and bring plenty of water and a walking stick. CLOSED TOE SHOES ARE REQUIRED TO PARTICIPATE. Water may be knee deep in some locations, so you may want to bring a towel and some dry clothes/shoes for after the hike. Experience Level: Intermediate. Please be advised, this is not recommended for children or participants with

limited mobility. This site does NOT have any restroom facilities. Make sure to RSVP to this event! Space is limited. If the “Register” button gives you an error message, please join our Waitlist!

**December 18, 10:00 a.m. – 11:00 a.m.: Tots on Trails [North Jupiter Flatwoods Natural Area]:** Let’s get outside! Join the River Center for our Tots on Trails program, designed for children ages 2-6! Each month, we’ll explore a new natural area in the Jupiter/Tequesta area. This month, we’ll be at the Jupiter Inlet Lighthouse Outstanding Natural Area. We will meet at the nature area’s parking lot at 10:00 am. Together, we’ll walk the trail, observe plants and animals with our magnifying glasses & binoculars, and learn about the nature surrounding us. Additional activities may include scavenger hunts, trail games, and nature art. Adults and children should come prepared to be outside for an hour. This includes comfortable clothing, closed toe shoes, hats, sunscreen, bug spray, and water bottles. Limited to 20 children (+ their accompanying adults). All equipment will be provided, and this program is free of charge. Donations are always welcome. Please RSVP to attend. Registration will open 1 month prior to the program date!

**December 18, 4:00 p.m. – 5:30 p.m.: Nature Journaling [Pal-Mar / Nine Gems]:** Students discover a world of wonders within the boundaries of a loop of string. Using maps, drawings, and diagrams, they describe their discoveries in the pages of their journals. 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.

**December 20, 8:00 a.m. – 11:00 a.m.: Birds of the Loxahatchee River District:** Come explore with us! Join Audubon Everglades for a bird watching walk through the Loxahatchee River District’s reclaimed water storage lakes. Walk along the guided paths and immerse yourself in this behind-the-scenes tour. Interested participants should wear closed toed shoes, sunscreen, hat, sunglasses, and bring plenty of water. Please make sure to register to attend.

**December 21, 10:00 a.m. – 12:00 p.m.: Fishing Adventure [Jupiter Inlet Lighthouse Outstanding Natural Area]:** Join us for some exciting fishing! We’ll be set up at the Jupiter Inlet Lighthouse Outstanding Natural area. This program is designed for young anglers who want more fishing experience. It’s an exciting way to discover new fishing spots while accompanied by River Center staff. Poles and bait will be provided, or you can bring your own gear. Parents are encouraged to accompany their children and participate. Everyone should bring water, sunscreen, hats, and sunglasses. Cost is \$10. 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!

**December 27, 10:00 a.m. – 12:00 p.m.: Nature Hike [Loxahatchee Slough]:** Come explore with us! Tie up your hiking boots and join the River Center for our Nature Walk through the Loxahatchee Slough. 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. Please RSVP to attend. Space is limited. If the “Register” button gives you an error message, please join our Waitlist!

**December 28, 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. If the “Register” button gives you an error message, please join our Waitlist!



# 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](http://loxahatcheeriver.org)

## MEMORANDUM

**To:** D. Albrey Arrington, Ph.D., Executive Director  
**From:** Ed Horchar Safety Officer  
**Date:** November 12, 2024  
**Subject:** District Safety Report for October 2024

### Safety Metrics: October 2024

OSHA recordable injuries: Zero

Lost time injuries: Zero

**Actual TRIR: 2.5** [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 October. The District has a rolling twelve-month Total Recordable Incident Rate (TRIR) of **2.5**. This is greater than the District goal of 1.5. District employees will need three consecutive months of injury free work before the rolling twelve-month TRIR will be reduced.

The District experienced zero (0) Motor Vehicle Accidents (MVA) in October. 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 an October JHA generation of 1817, greater than the 12-month rolling average of 1,504 per month. Current Power BI data now accurately captures multiple JHA's on one work order. 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 October's JHAs performed per employee in each department:

Reuse:	41 JHA / employee	Construction:	18 JHA / employee
Operations:	37 JHA / employee	Inspection:	36 JHA / employee
Collections:	46 JHA / employee	Wild Pine Lab	5 JHA / employee
Maintenance:	31 JHA / employee	River Center	2 JHA / employee

Stephen B. Rockoff  
CHAIRMAN

Kevin L. Baker  
BOARD MEMBER

Gordon M. Boggie  
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Dr. Matt H. Rostock  
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Clinton R. Yerkes  
BOARD MEMBER

**JHA and Work Orders:** In October approximately 99% of the applicable Work Orders (WO) included a JHA. This represents twenty-three (23) months in a row in which the District expectation of 95% was exceeded. The following is a District comparison for the percentage of September EAM applicable Work Orders generated for which an electronic JHA was completed:

Reuse:	100 %	Construction:	97 %
Operations:	99 %	Inspection:	98 %
Collections:	99 %	Wild Pine Lab	0 Electronic JHA's
Maintenance:	99 %	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. 330 machine-specific LOTO forms were completed by District employees in October, an overall increase of 68 compared to September volume. Current data indicates the LOTO compliance rate to be at 91% of applicable work orders. A 13% increase from September data. This sizable increase is moving in the right direction but not yet meeting the District's expectations. The District will continue monitoring specific departments which are lagging in efficiency as more needs to be done to accurately complete the work orders. 34 applicable work orders did not have the required LOTO question prompt completed in October. Not completing this question resulted in a decrease in the total % compliance toward LOTO. As we continue to track the LOTO to work order compliance, the expectation is for this number to increase. The District will not be satisfied until the LOTO percentage is sustained at 100%.

**Near Miss Reporting:** There were 10 Near Miss reports initiated in October which is greater than the 12-month rolling average of 8. The Executive Department submitted one report, Construction Department submitted two reports, Reuse/Collections submitted a combined total of four reports, Maintenance Department submitted one report, Engineering/Inspection submitted two reports and Operations submitted two near miss reports. Two slips, trips and falls, 2 electrical shock hazards, 2 struck-by falling objects and one each of traffic management, venomous snakes, and an inoperable safety switch were reported. The Near Miss Reporting Standard Operating Procedure has been enhanced to increase the efficiency of implementing corrective actions. There have been 74 Near Miss Reports submitted in calendar year 2024 through October. 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.

**Training:** The District Safety training in October included New Hire Orientation for one River Center employee. Computer Based Training (CBT) for all new hires is standardized for Human Resources, Information Technologies and Safety, and is automatically distributed to new hires on their respective first day of work. The following are standard safety-related CBT provided to new employees: New Employee Safety Orientation, PPE Awareness, Bloodborne Pathogens, Hazard Communication, Chlorine Awareness, Heat Stress Safety, and Hydrogen Sulfide (H<sub>2</sub>S) Awareness. Additional safety-related training included: Lockout-tagout Authorized, Confined Space Entrant and Confined Space Attendant classroom training. The overall training completion for October was at 100% which exceeds the District's expectations.

Congratulations goes out to Edwin Oviedo (Engineering) for completing the two-day training to obtain the DOT Advanced Management of Traffic certification in October.

CPR/AED/First Aid training originally scheduled for October 9, 2024 has been rescheduled to take place on December 4th. We still have a couple open slots remaining if you have yet to get your certification. Let Ed Horchar know if you are interested.

**Safety Committee:** The District Safety Committee continues to work on enhancing the District's emergency response process. The committee is addressing evacuation maps for each District building. Once this is complete, the committee will concentrate on emergency evacuation training and conducting evacuation drills with Palm Beach County Fire Rescue.

**Summary:** Working safely at the District IS the standard, and the Safety Committee is one example of how District employees are working together to better the daily safety of all employees. Let's reinforce the dedication to work smart and safely. Please visit with any questions or ideas you may have. And do not forget to utilize the near miss reporting system. Let's help each other stay safe and reach beyond our goals.



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**D. Albrey Arrington, Ph.D.** EXECUTIVE DIRECTOR

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## MEMORANDUM

TO: Governing Board  
 FROM: Administration Staff  
 DATE: November 15, 2024  
 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	\$ 4,713.75	\$ 4,713.75
Baxter & Woodman	\$ 1,500.00	\$ 1,500.00
Holtz	\$ 8,857.50	\$ 8,857.50
KCI	—	—
Kimley-Horn & Associates, Inc.	\$12,095.00	\$12,095.00
Mock, Roos & Associates	—	—
Chen Moore	—	—

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

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CHAIRMAN

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# Future Business

## General:

- Required Ethics Training for Board Members  
(see <https://www.fasd.com/ethics-for-special-districts>)
- Jonathan Dickinson State Park Draft Management Plan Amendment
- Executive Director's Annual Review

## Future Contracts:

- Anaerobic Process Aeration System Study – Change Order
- Chapter 31-10 Rates, Fees, and Charges - Types of Use/Equivalent Connections; Harbor Road South Phase 1 Sub-Regional Line Charge
- County Line Road Bridge IQ Main Relocation – Award Construction Contract
- FY25 Portable Generator and Pump Purchase – Award Contract
- Maintenance Facility – Professional Engineering Services – Approval of Qualified Firms
- Warehouse Facility – Professional Engineering Services – Approval of Qualified Firms

