



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


REVISED AGENDA REGULAR MEETING #05-2024

MAY 16, 2024 – 7:00 PM AT DISTRICT OFFICES

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

1. Call to Order & Pledge of Allegiance
2. Administrative Matters
 - A. Roll Call
 - B. Previous Meeting Minutes [Page 3](#)
 - C. Additions and Deletions to the Agenda
3. Comments from the Public
4. Status Updates
 - A. Loxahatchee River Watershed [Page 11](#)
 - B. Loxahatchee River District Dashboard [Page 12](#)
5. Consent Agenda (see next page) [Page 13](#)
6. Regular Agenda
 - A. Consent Agenda Items Pulled for Discussion
 - B. 2500 Jupiter Park Drive Site Plan [Page 62](#)
 - C. Town Of Jupiter License Agreement [Page 70](#)
7. Reports (see next page) Pulled for Discussion
8. Future Business [Page 142](#)
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: May 9, 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. Notice Of Intent – 19485 Harbor Road S (Resolution 2024-02) [Page 15](#)
- B. Notice Of Intent – 6604 N. 195th Place (Resolution 2024-03) [Page 23](#)
- C. Lift Station 050 Rehabilitation – Lateral Lining Phase 2 [Page 31](#)
- D. Indian Hills Low Pressure Sewer System – Low Pressure Pump Station Purchase [Page 38](#)
- E. Evoqua Water Technologies – to approve contract amendment [Page 40](#)
- F. Evoqua Water Technologies – to approve annual contract extension [Page 41](#)
- G. Edmunds Sales Agreement Amendment – to approve amendment [Page 45](#)
- H. Approval of Credit for Overpayment – to approve credit [Page 46](#)
- I. Safety Shoe Reimbursement Policy – to approve revision [Page 47](#)
- J. WW/IQ General Services Contracts – reauthorization of additional funds [Page 49](#)
- K. Fixed Asset Disposal – to approve disposal [Page 50](#)
- L. Change Orders to Current Contracts – to approve modifications
 - C1: Bureau of Land Management/Jupiter Inlet Lighthouse Outstanding Natural Area – Septic to Sewer Contract [Page 51](#)
 - C2: Professional Engineering Services for 9278 Indiantown Road/20 Acres – Site Remediation: Change Order 003 [Page 55](#)
 - C3: Professional Engineering Services For Anerobic Selector Zone Pilot Testing & Process Aeration System Energy Efficiency Evaluation - Biomix Compressed Gas Mixing Demo System - Change Order 001 [Page 60](#)

7. REPORTS

- A. Neighborhood Sewering [Page 73](#)
- B. Legal Counsel's Report [Page 75](#)
- C. Engineer's Report [Page 78](#)
- D. Director's Report [Page 88](#)



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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Governing Board
FROM: D. Albrey Arrington, Ph.D., Executive Director
DATE: May 07, 2024
SUBJECT: Approval of Meeting Minutes

Attached herewith are the minutes for the Public Hearing and Regular Meeting of March 15, 2024. As such, the following motion is presented for your consideration:

“THAT THE GOVERNING BOARD approve the minutes of the Public Hearing and Regular Meeting of March 15, 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

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
PUBLIC HEARING – MINUTES
MARCH 21, 2024**

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

Vice Chairman Boggie called the Public Hearing of March 21, 2024 to order at 6:55 P.M.

2. ROLL CALL

The following Board Members were in attendance:

Mr. Boggie
Mr. Yerkes
Mr. Baker

3. TO RECEIVE PUBLIC COMMENTS PERTAINING TO THE LRD RULE CHAPTER 31-10 RATES, FEES AND CHARGES

No comments from the public were received.

4. COMMENTS FROM THE BOARD

No comments from the Board were received.

5. ADJOURNMENT

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

BOARD CHAIRMAN

BOARD SECRETARY

RECORDING SECRETARY

Ref: #04-2024

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
REGULAR MEETING - MINUTES
MARCH 21, 2024

1. CALL TO ORDER

Chairman Rockoff called the Regular Meeting of March 21, 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
Mr. Yerkes

Staff Members in attendance were Dr. Arrington, Mr. Howard, Ms. Fraraccio, and Ms. Jones. Consultants in attendance were Mr. Curtis Shenkman, Mr. Hunter Shenkman, and Scott Montgomery, Marcum LLP.

B. PREVIOUS MEETING MINUTES

The minutes of the Regular Meeting of February 15, 2024 were presented for approval and the following motion was made:

“THAT THE GOVERNING BOARD approve the minutes of the Regular Meeting of February 15, 2024 as submitted.”

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

C. ADDITIONS & DELETIONS TO THE AGENDA

None

3. COMMENTS FROM THE PUBLIC

None

4. STATUS UPDATES

A. LOXAHATCHEE WATERSHED STATUS

Dr. Arrington presented the 2024 Transformational Innovation award received from the WasteReuse Association on March 12, 2024. This award was presented by WasteReuse Association to Dr. Arrington on behalf of the Loxahatchee River District in recognition of our innovative practice of integrating green infrastructure into our Irrigation Quality Water system. In particular, the WasteReuse Association recognized our recently published comprehensive research findings that documented the significant improvements in reclaimed water quality that occurred as our IQ Water flowed through our wastewater treatment facility and then through green infrastructure (i.e., onsite and offsite reclaimed water storage lakes). This research conducted over more than a decade, documented LRD's Irrigation Quality Water system outperformed traditional advanced wastewater recycling systems in cost savings, energy efficiency, and environmental protection.

B. LOXAHATCHEE RIVER DISTRICT DASHBOARD

Dr. Arrington reviewed the District Dashboard.

5. CONSENT AGENDA

MOTION: Made by Mr. Yerkes, Seconded by Mr. Boggie
Passed unanimously.

“THAT THE GOVERNING BOARD approve the Consent Agenda of March 21, 2024 as presented with the removal 5D”

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

- A. AC Force Main Replacements: LS090-FM1 and LS095FM5/FM6/FM7 – to approve professional engineering services

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to enter into a contract with Kimley-Horn and Associates for professional engineering services as detailed in the attached agreement and in the amount of \$173,115.00 and a contingency of \$17,311.00.”

- B. Continued Operation of Biosolids Processing Facility beyond August 9, 2029 – to authorize letter

“THAT THE DISTRICT GOVERNING BOARD authorize Chairman Rockoff to notify the Solid Waste Authority of Palm Beach County of the Loxahatchee River District’s intent to continue operation of the Biosolids Processing Facility beyond August 9, 2029 in conformity with our existing Interlocal Government Agreement for Biosolids Processing and Recycling.”

C. Customer Service Delinquent Account Payment Plan Policy – to approve updates

“THAT THE DISTRICT GOVERNING BOARD approves the attached, revised Delinquent Account Payment Plan Policy with an effective date of March 22, 2024.”

E. Fixed Asset Disposal – to approve disposal

Tag #	F/A #	Description	Condition	Date Recorded	Acquired Value	Book Value	Estimated Value
2294	ME289	Lifear System	Needs Repair	09/30/00	\$ 1,728	\$ -	\$ 200
2433	ME341	10KW Honda Portable Gener	Not Operational	09/30/05	2,500		50
2434	ME340	10KW Honda Portable Gener	Not Operational	09/30/05	2,500		50
2685		13 KW Honda Portable Gener	Not Operational	09/30/11	2,500		50
2686		13 KW Honda Portable Gener	Not Operational	09/30/11	2,500		50
Total Assets to be Disposed					\$ 11,728	\$ -	\$ 400

In addition, 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:

Description	Serial Number	Condition	Estimated Value
10 HP Flygt Pump	FLY-9710480	Beyond Repair	\$50
10 HP Flygt Pump	FLY-448181	Beyond Repair	\$50
2 HP Barnes Pump	Z101067-1118	Beyond Repair	\$50
2 HP Barnes Pump	C1463392-0310	Beyond Repair	\$50
2 HP Barnes Pump	Z100970-0918	Beyond Repair	\$50
2 HP Barnes Pump	C1272538-0417	Beyond Repair	\$50
Hydromatic Pump	SPG200M2-2	Beyond Repair	\$50

“THAT THE GOVERNING BOARD authorize the Executive Director to dispose of tangible personal property asset tag numbers 2294, 2433, 2434, 2685 and 2686 and the items from the aggregated assets listed in the schedule above in accordance with the District’s Disposal of Surplus Tangible Personal Property Policy.”

F. Change Orders to Current Contracts – to approve modifications

No Change Orders were presented for Board consideration this month.

6. REGULAR AGENDA

A. CONSENT AGENDA ITEMS PULLED FOR DISCUSSION

5D. Investment Policy – to approve updates

“THAT THE GOVERNING BOARD ratify and approve the attached Investment Policy, effective March 22, 2024, and authorize the Executive Director to update the Investment Policy from time to time, and periodically present it to the Governing Board for ratification and approval.”

MOTION: Made by Mr. Baker, Seconded by Mr. Boggie
Passed 4-1, Mr. Yerkes opposed.

B. Annual Audit for Fiscal Year 2023

“THAT THE GOVERNING BOARD receive the Annual Financial Report for the fiscal year ended September 30, 2023 as prepared and submitted by Marcum LLP.”

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

C. LRD Rule Chapter 31-10 Schedule of Rates, Fees, and Charges (Rate Study)

Dr. Arrington reviewed the Rate Study, including the significant assumptions and the projected cash balance over the next five years. He also addressed an issue within the Rate Study, which has caused an underreporting of future cash. This issue appeared to be driven by differences between accrual basis and cash basis accounting. When corrected, future cash balances were increased by approximately \$4.8 million. Dr. Arrington committed to having this issue fully resolved before next year’s Rate Study process.

“THAT THE DISTRICT GOVERNING BOARD approves Rule Chapter 31-10 as revised to include the following rate increases:

- A. Plant Connection Charges, Regional Transmission System Line Charges, and Administrative Charges shall increase based upon the annual increase in the Engineering News Record Construction Cost Index published in the February edition of each year, which was 2.6% for February 2024.
- B. All Subregional Line Charges shall be adjusted each April 1st based on the 10-Year Treasury Rate published by the US Department of Treasury on February 1st, which was 3.87% on 2/1/2024.
- C. Quarterly Service Charges for Sewer Service:
 - April 1, 2024 a 0% rate increase,
 - April 1, 2025 a 1% rate increase,
 - April 1, 2026 a 3% rate increase,
 - April 1, 2027 a 3% rate increase,
 - April 1, 2028 a 3% rate increase; and
- D. With an effective date of April 1, 2024.”

MOTION: Made by Mr. Boggie, no second

“THAT THE DISTRICT GOVERNING BOARD approves Rule Chapter 31-10 as revised to include the following rate increases:

- A. Plant Connection Charges, Regional Transmission System Line Charges, and Administrative Charges shall increase based upon the annual increase in the Engineering News Record Construction Cost Index published in the February edition of each year, which was 2.6% for February 2024.
- B. All Subregional Line Charges shall be adjusted each April 1st based on the 10-Year Treasury Rate published by the US Department of Treasury on February 1st, which was 3.87% on 2/1/2024.
- C. Quarterly Service Charges for Sewer Service:
 - April 1, 2024 a 0% rate increase,
 - April 1, 2025 a 3% rate increase,
 - April 1, 2026 a 3% rate increase,
 - April 1, 2027 a 3% rate increase,
 - April 1, 2028 a 2% rate increase; and
- D. With an effective date of April 1, 2024.”

MOTION: Made by Mr. Baker, Seconded by Mr. Yerkes
Passed 3-2, Mr. Boggie and Mr. Rockoff opposed.

7. REPORTS

The remaining reports stood as written.

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

8. FUTURE BUSINESS

Future Business stood as written.

9. COMMENTS FROM THE BOARD

Dr. Rostock asked about the status of the renovation of the District’s houses at the Bureau of Land Management’s property (i.e., Jupiter Inlet Lighthouse Outstanding Natural Area). Dr. Arrington indicated that District staff are working on a significantly scaled-down renovation of Unit H (southern house) that can be completed for a more reasonable cost, and he indicated that the BLM is seeking their own funding to accomplish the proposed site plan and improvements to Unit I (northern house) using BLM funds. Finally, Dr. Arrington indicated that the District has recently worked with vendors to construct a chickee hut and a concrete slab in anticipation of a storage shed behind Unit H. Both these projects were accomplished with grant funds from BLM.

10. ADJOURNMENT

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

“That the regular meeting of March 21, 2024 adjourns at 8:28 PM.”

BOARD CHAIRMAN

BOARD SECRETARY

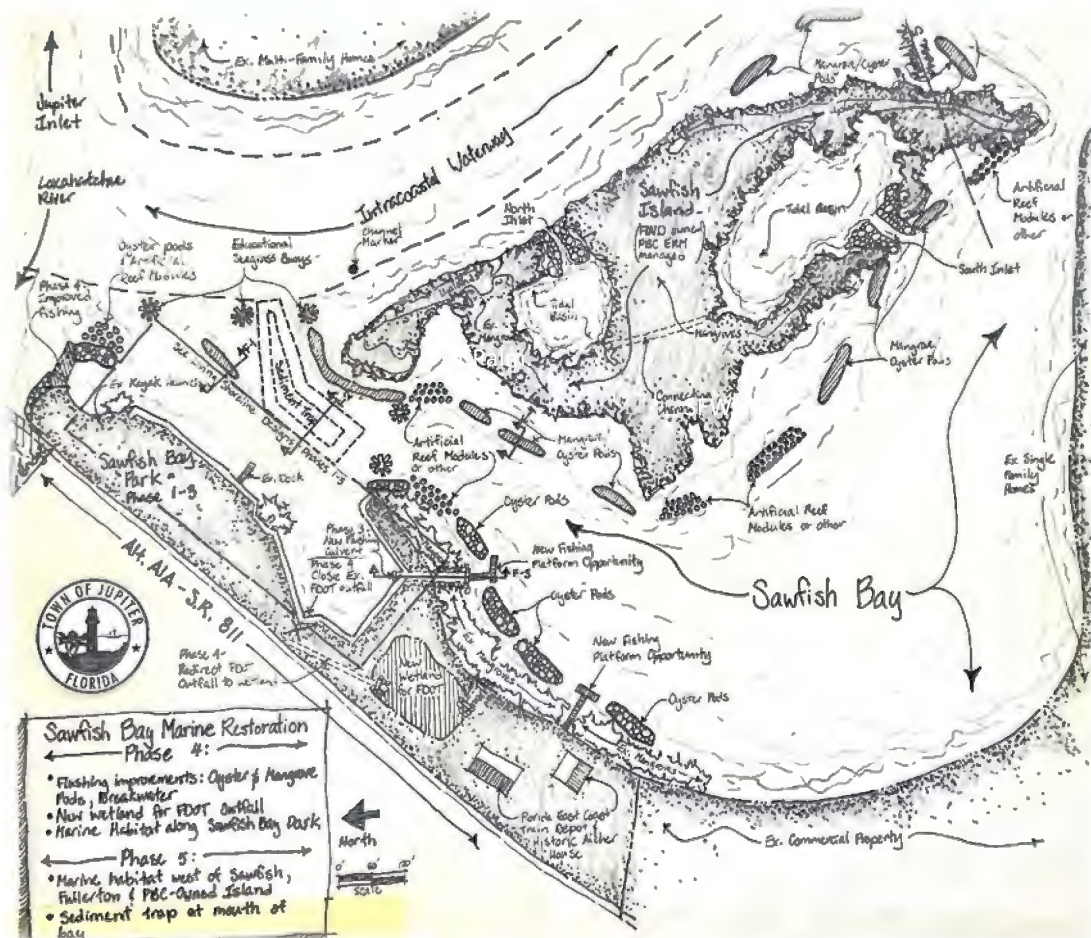
RECORDING SECRETARY



Loxahatchee River Watershed Status

Sawfish Bay Marine Restoration by the Town of Jupiter

This month Stephanie Thoburn, Assistant Director of Planning and Zoning at the Town of Jupiter will present the ongoing work to enhance and restore marine habitats, including seagrasses, within Sawfish Bay. I saw her presentation at the Loxahatchee River Management Coordinating Council, and I think you will enjoy learning about this project.



LOXAHATCHEE RIVER DISTRICT'S EXECUTIVE DASHBOARD



Units	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
	% 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)
Green Level	≥ 90%	≤ 15	Zero	<704; 0	< 7.7	Zero	<1542	<2	Zero	≥ \$9,894,657	≥ 95%	≥ 85% but ≤ 105%	≥ 80%	≥ (30)	0	min ≥ 20 ‰	≤ 1 site > 200
Yellow	< 90%	≤ 25	1	≤1,500; 0	< 8.8	1	≤1875	≥ 2	-	< \$9,894,657	≥ 90%	≥ 80%	≥ 60%	< (30)	1	min ≥ 10 ‰	≤ 3 sites >200
Red	<75%	> 25	≥ 2	>1,500; ≥1	≥ 8.8	≥ 2	>1875	≥ 9	≥ 1	< \$5,557,057	< 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	Apr	1,382	9	0	0; 0	7.1	1,317	17	0	\$ 44,973,518	106%	93%	92%	(26)	26	27.8	5
	May	1,016	13	0	92; 0	6.7	1,365	2	0	\$ 46,555,442	107%	92%	97%	(30)	0	27.7	1
	June	2,600	17	0	8,082; 0	7.1	1,275	2	0	\$ 44,195,894	108%	93%	94%	(35)	0	21.7	7
	July	2,046	10	0	0; 0	6.5	1,293	1	0	\$ 44,736,939	110%	93%	92%	(42)	0	23.6	4
	Aug	1,215	9	0	15; 0	6.8	1,242	4	0	\$ 46,355,162	110%	93%	100%	(54)	0	17.1	6
	Sept	1,093	11	0	441; 0	6.7	1,201	0	0	\$ 43,649,874	110%	92%	97%	(49)	0	21.7	5
	Oct	1,940	14	0	101; 0	6.9	1,281	1	0	\$ 43,600,779	97%	109%	74%	(55)	0	15.6	9
	Nov	1,183	15	0	1,705; 0	7.1	1,255	0	0	\$ 43,936,002	101%	93%	81%	(46)	0	23.7	3
	Dec	1,021	14	0	45; 0	7.4	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	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	1,239	2	0	\$ 42,298,111	104%	95%	87%	(51)	0	25.3	1
	Mar	1,697	17	0	70; 0	7.4	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	1,133	1	0	\$ 40,736,583	102%	92%	70%	(37)	7	32.5	1
Consecutive Months at Green	9	1	24	1	179	36	163	1	3	175	30	6	0	0	11	3	3
Metric Owner	O'Neill	Pugsley	Dean	Dean	Pugsley	Pugsley	Pugsley	Dean	Horchar	Fraraccio	Fraraccio	Fraraccio	Dean	Dean	Howard	Howard	Howard

Metric

Explanation

Unauthorized Discharge On April 6, 2024, the District had an unauthorized discharge of 2,858 gallons of sewage from an air release valve (LS130-VLA19) located on US 1, in Jupiter, FL. The unauthorized discharge was caused when the 2-inch pipe supplying the air release valve cracked. Some of the unauthorized discharge flowed into two storm drains. The affected area was disinfected with lime and cleaned with 150 gallons of potable water. A total of 1,200 gallons of liquid was recovered with a vacuum truck of which 75 gallons were recovered from the first storm drain along with the 150 gallons of potable water used for cleaning. Staff were not able to access the second storm drain.

Capital Projects (\$) Capital Projects within budget fell to 65% this month. This is being impacted by a handful of projects that did not close in FY23 as expected and were not included in the FY24 budget. Staff look forward to applying lessons learned in the upcoming budget process.

Capital Projects (time) The following projects are over 100 days behind schedule: (1) site planning for 2500 Jupiter Park Drive [-350 days] - final draft being presented to Board in May; (2) Lateral lining in Lift Station 41 collection system [-293 days] - staff are working through quality control issues; (3) Injection Well Pump Station Emergency Generator Connection [-111 days] - we are in final closeout working on punchlist items; (4) Main lining in Lift Station 70 collection system [-105 days]; (5) Main lining in Lift Station 71 collection system [-105 days]. Additional details are available in Kris' report.

MFL Violations The Northwest Fork of the Loxahatchee River experienced 7 days of Minimum Flow & Level violations during April. Beginning on April 21 flows over Lainhart Dam fell below 35 cfs and hovered around 12 cfs through the end of the month. On April 24 the 20 day rolling average of salinity at river mile 9.1 climbed above 2.0 ppt and remained above the MFL threshold for the remainder of the month, i.e., 7 days. SFWMD provided supplemental flows of about 8 cfs through G-160 from April 7 to 16th. No supplemental flows were delivered through G-161 during April.



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Governing Board
FROM: Administration Staff
DATE: May 07, 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. Notice Of Intent – 19485 Harbor Road S (Resolution 2024-02)
- B. Notice Of Intent – 6604 N. 195th Place (Resolution 2024-03)
- C. Lift Station 050 Rehabilitation – Lateral Lining Phase 2
- D. Indian Hills Low Pressure Sewer System – Low Pressure Pump Station Purchase
- E. Evoqua Water Technologies – to approve contract amendment
- F. Evoqua Water Technologies – to approve annual contract extension
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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

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 May 16, 2024 as presented.”

A handwritten signature in blue ink, appearing to read "D. Albrey Arrington".

Signed

D. Albrey Arrington, Ph.D.
Executive Director

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

**Hunter C.
SHENKMAN**
Attorney

SHENKMAN & SHENKMAN P.A.
ATTORNEY & COUNSELOR AT LAW
4400 PGA BLVD, SUITE 300
PALM BEACH GARDENS, FL 33410
CURTIS@PALMBEACHLAWYER.LAW

LEGAL ASSISTANTS
JAMIE KEELAN
DENISE B. PAOLUCCI
CAROLINA INMAN

May 8, 2024 Sent by email

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

Re: Initial Resolution for **19485 Harbor Road S** Assessment Area

Dear Dr. Arrington:

Per your request, please attach to this letter the Pending Lien Notice, Notice of Intent to Assess, Resolution 2023-02, the PROPOSED "Exhibit B Description of Improvements", "Exhibit B Map of the Assessment Area", and preliminary List of Property Owners.

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

"THAT THE GOVERNING BOARD approve Resolution 2023-02 the NOTICE OF INTENT to Assess, the Pending Lien Notice, and the Exhibits for the **19485 Harbor Road S** Assessment Area."

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

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RETURN TO:
Shenkman & Shenkman P.A.
Curtis Shenkman, P.A.
4400 PGA Blvd, Suite 300
Palm Beach Gardens, Florida 33410

PENDING LIEN NOTICE
19485 HARBOR ROAD S ASSESSMENT AREA

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

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

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

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, herein certifies that on this 16th day of May, 2024, the information contained herein is true and accurate.

WITNESSES: LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

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

[DISTRICT SEAL]

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

STATE OF FLORIDA
COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me this 16th day of May, 2024, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, on behalf of the District, personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

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

**NOTICE OF INTENT TO ASSESS
19485 Harbor Road S ASSESSMENT AREA**

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida (the “District”) **created in 1971 and existing pursuant to Chapter 2021-249, Laws of Florida**, (the “Act”), hereby gives public notice that the District’s Governing Board on the 16th day of May, 2024, passed Resolution **2024-02**, authorizing the construction of certain local sewer improvements as further described in said Resolution **2024-02**, which is attached hereto as Exhibit “A”. It is the intent of the District to assess the owners of property specially benefited by such sewer improvements, which property is further described on the attached **Exhibit “B”**, and to apportion the District’s costs for the total expenses related to the design and construction of said improvements, based upon each owner’s proportionate share of said costs determined upon a square footage basis, or by other methods as the Governing Board may deem fair and equitable, pursuant to the Act and Rules of the District, as same may be amended from time to time hereafter.

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, hereby certifies on this 16th day of May, 2024, that the information contained herein is true and accurate.

WITNESSES:

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

D. Albrey Arrington, Ph.D.
Executive Director

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

STATE OF FLORIDA
COUNTY OF PALM BEACH

SWORN TO and subscribed before me by means of physical presence this 16th day of May, 2024, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, who is personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

RESOLUTION 2024-02

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO 19485 HARBOR ROAD S ASSESSMENT AREA IMPROVEMENTS IN ACCORDANCE WITH DISTRICT RULE 31-11; STATING THE NATURE OF THE PROPOSED IMPROVEMENTS; DESIGNATING THE STREETS TO BE IMPROVED; DESIGNATING THAT PLANS, SPECIFICATIONS, AND A TENTATIVE APPORTIONMENT BE PREPARED; PROVIDING FOR THE AVAILABILITY OF PLANS AND SPECIFICATIONS AND FOR THE PREPARATION OF THE PRELIMINARY SPECIAL ASSESSMENT ROLL; PROVIDING FOR DECLARING LINE AVAILABLE FOR CONNECTION; PROVIDING FOR CONSISTENCY; PROVIDING FOR SEVERABILITY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District”) has considered the need for improvements to the 19485 Harbor Road S Assessment Area (the “Area”) in Palm Beach County, Florida;

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

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

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

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

Section 1. Title:

This Resolution shall be known as the Resolution Authorizing the Project known as “19485 Harbor Road S ” Assessment Area Improvements”.

Section 2. Nature of Improvements:

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

Section 3. Designation of Streets to be Improved:

The streets included within the 19485 Harbor Road S Assessment Area Improvements are set forth on Composite Exhibit “B”.

Section 4. Plans, Specifications and Tentative Apportionment:

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

Section 5. Public Inspection:

The Plans, Specifications and tentative apportionments for the 19485 Harbor Road S Assessment Area Improvements shall be available for inspection in the Office of the Executive Director, Loxahatchee

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

Section 6. Assessment Roll:

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

Section 7. Availability for Connection and Required Connection:

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

Section 8. All Resolutions or parts of Resolutions in conflict herewith are hereby repealed to the extent of such conflict.

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

Section 10. This Resolution shall become effective upon its passage and adoption.

PASSED AND ADOPTED BY THE GOVERNING BOARD OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, THIS 16th DAY OF MAY, 2024.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

VOTE

STEPHEN B. ROCKOFF

GORDON M. BOGGIE

CLINTON R. YERKES

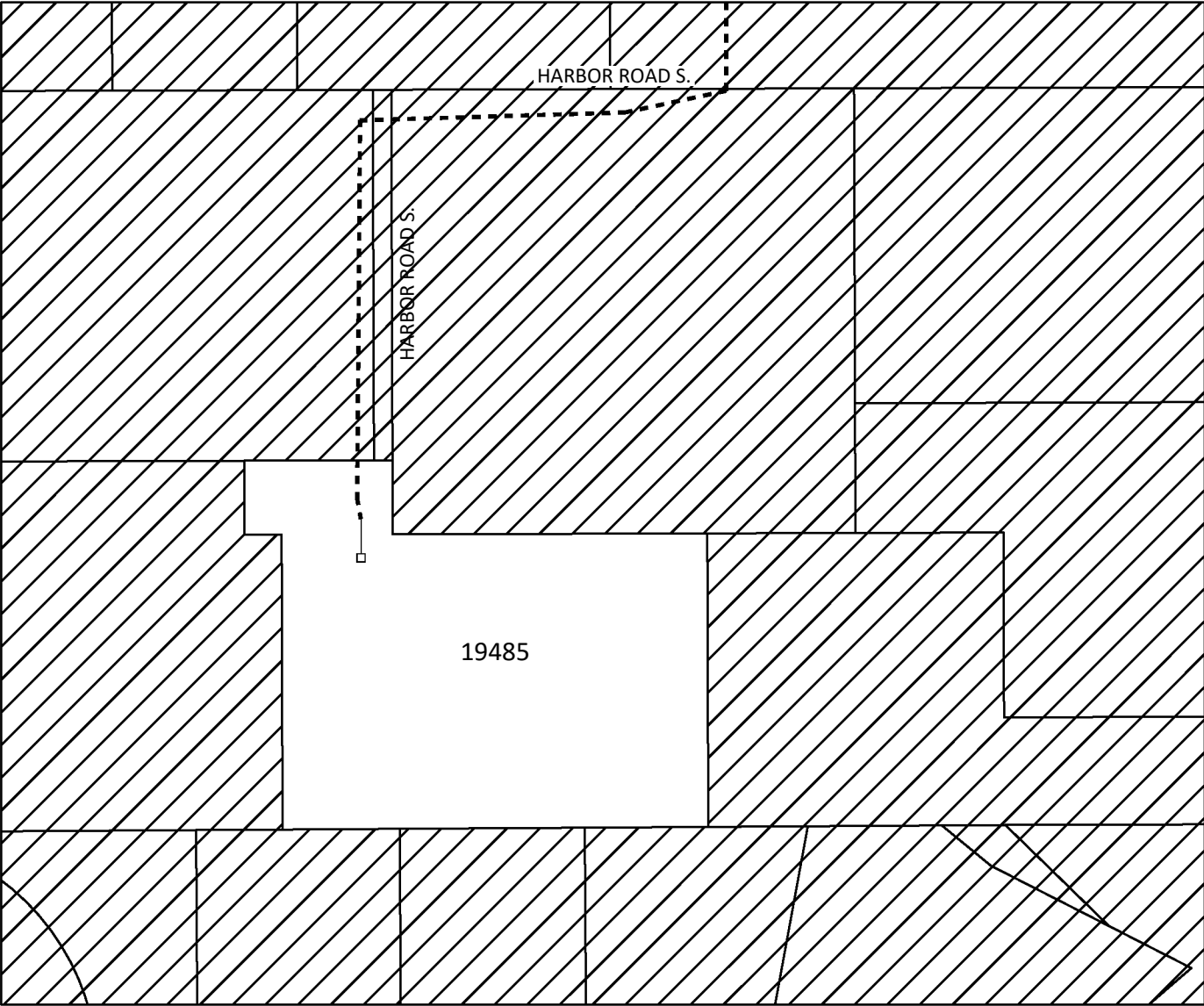
KEVIN L. BAKER

DR. MATT H. ROSTOCK

EXHIBIT "B"

19485 HARBOR ROAD S.

STATUTORY WAY OF NECESSITY



LEGEND

- EXISTING 2" LOW PRESSURE MAIN
- NEW LOW PRESSURE SERVICE BOX
- ▨ NOT IN ASSESSMENT AREA

EXHIBIT “B”

PROPOSED SEWER SERVICE ASSESSMENT AREA

19485 HARBOR ROAD S ASSESSMENT AREA

The properties to be provided sewer service are located within Section 30, Township 40 South, Range 43 East, Jupiter, Palm Beach County, Florida and lies within the following general boundaries:

On the North by Harbor Road S,
On the South by Intracoastal Circle,
On the East by Indian River, and
On the West by Harbor Road S.

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

- 1 Service
- 1 Low Pressure Pumping Units

Kevin W. & Linda Gallant
1079 Faulkner Terrace,
Palm Beach Gardens, FL 33418 6060
re: 19485 Harbor Road S, Jupiter, FL 33469
00-43-40-30-00-003-0030

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

**Hunter C.
SHENKMAN**
Attorney

SHENKMAN & SHENKMAN P.A.
ATTORNEY & COUNSELOR AT LAW
4400 PGA BLVD, SUITE 300
PALM BEACH GARDENS, FL 33410
CURTIS@PALMBEACHLAWYER.LAW

LEGAL ASSISTANTS
JAMIE KEELLEN
DENISE B. PAOLUCCI
CAROLINA INMAN

May 8, 2024 Sent by email

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

Re: Initial Resolution for **6604 N. 195th PLACE** Assessment Area

Dear Dr. Arrington:

Per your request, please attach to this letter the Pending Lien Notice, Notice of Intent to Assess, Resolution 2023-03, the PROPOSED "Exhibit B Description of Improvements", "Exhibit B Map of the Assessment Area", and preliminary List of Property Owners.

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

"THAT THE GOVERNING BOARD approve Resolution 2023-03 the NOTICE OF INTENT to Assess, the Pending Lien Notice, and the Exhibits for the **6604 N. 195th PLACE** Assessment Area."

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

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RETURN TO:
Shenkman & Shenkman P.A.
Curtis Shenkman, P.A.
4400 PGA Blvd, Suite 300
Palm Beach Gardens, Florida 33410

PENDING LIEN NOTICE
6604 N. 195th PLACE ASSESSMENT AREA

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

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

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

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, herein certifies that on this 16th day of May, 2024, the information contained herein is true and accurate.

WITNESSES: LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

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

[DISTRICT SEAL]

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

STATE OF FLORIDA
COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me this 16th day of May, 2024, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, on behalf of the District, personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

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

**NOTICE OF INTENT TO ASSESS
6604 N. 195th PLACE ASSESSMENT AREA**

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida (the “District”) **created in 1971 and existing pursuant to Chapter 2021-249, Laws of Florida**, (the “Act”), hereby gives public notice that the District’s Governing Board on the 16th day of May, 2024, passed Resolution **2024-03**, authorizing the construction of certain local sewer improvements as further described in said Resolution **2024-03**, which is attached hereto as Exhibit “A”. It is the intent of the District to assess the owners of property specially benefited by such sewer improvements, which property is further described on the attached **Exhibit “B”**, and to apportion the District’s costs for the total expenses related to the design and construction of said improvements, based upon each owner’s proportionate share of said costs determined upon a square footage basis, or by other methods as the Governing Board may deem fair and equitable, pursuant to the Act and Rules of the District, as same may be amended from time to time hereafter.

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, hereby certifies on this 16th day of May, 2024, that the information contained herein is true and accurate.

WITNESSES:

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

D. Albrey Arrington, Ph.D.
Executive Director

Address: 2500 Jupiter Park Drive, Jupiter, FL 33458

STATE OF FLORIDA
COUNTY OF PALM BEACH

SWORN TO and subscribed before me by means of physical presence this 16th day of May, 2024, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, who is personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

RESOLUTION 2024-03

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO 6604 N. 195th PLACE ASSESSMENT AREA IMPROVEMENTS IN ACCORDANCE WITH DISTRICT RULE 31-11; STATING THE NATURE OF THE PROPOSED IMPROVEMENTS; DESIGNATING THE STREETS TO BE IMPROVED; DESIGNATING THAT PLANS, SPECIFICATIONS, AND A TENTATIVE APPORTIONMENT BE PREPARED; PROVIDING FOR THE AVAILABILITY OF PLANS AND SPECIFICATIONS AND FOR THE PREPARATION OF THE PRELIMINARY SPECIAL ASSESSMENT ROLL; PROVIDING FOR DECLARING LINE AVAILABLE FOR CONNECTION; PROVIDING FOR CONSISTENCY; PROVIDING FOR SEVERABILITY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District”) has considered the need for improvements to the 6604 N. 195th Place Assessment Area (the “Area”) in Palm Beach County, Florida;

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

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

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

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

Section 1. Title:

This Resolution shall be known as the Resolution Authorizing the Project known as “6604 N. 195th Place” Assessment Area Improvements”.

Section 2. Nature of Improvements:

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

Section 3. Designation of Streets to be Improved:

The streets included within the 6604 N. 195th Place Assessment Area Improvements are set forth on Composite Exhibit “B”.

Section 4. Plans, Specifications and Tentative Apportionment:

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

Section 5. Public Inspection:

The Plans, Specifications and tentative apportionments for the 6604 N. 195th Place Assessment Area Improvements shall be available for inspection in the Office of the Executive Director, Loxahatchee

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

Section 6. Assessment Roll:

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

Section 7. Availability for Connection and Required Connection:

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

Section 8. All Resolutions or parts of Resolutions in conflict herewith are hereby repealed to the extent of such conflict.

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

Section 10. This Resolution shall become effective upon its passage and adoption.

PASSED AND ADOPTED BY THE GOVERNING BOARD OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, THIS 16th DAY OF MAY, 2024.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

VOTE

STEPHEN B. ROCKOFF

GORDON M. BOGGIE

CLINTON R. YERKES

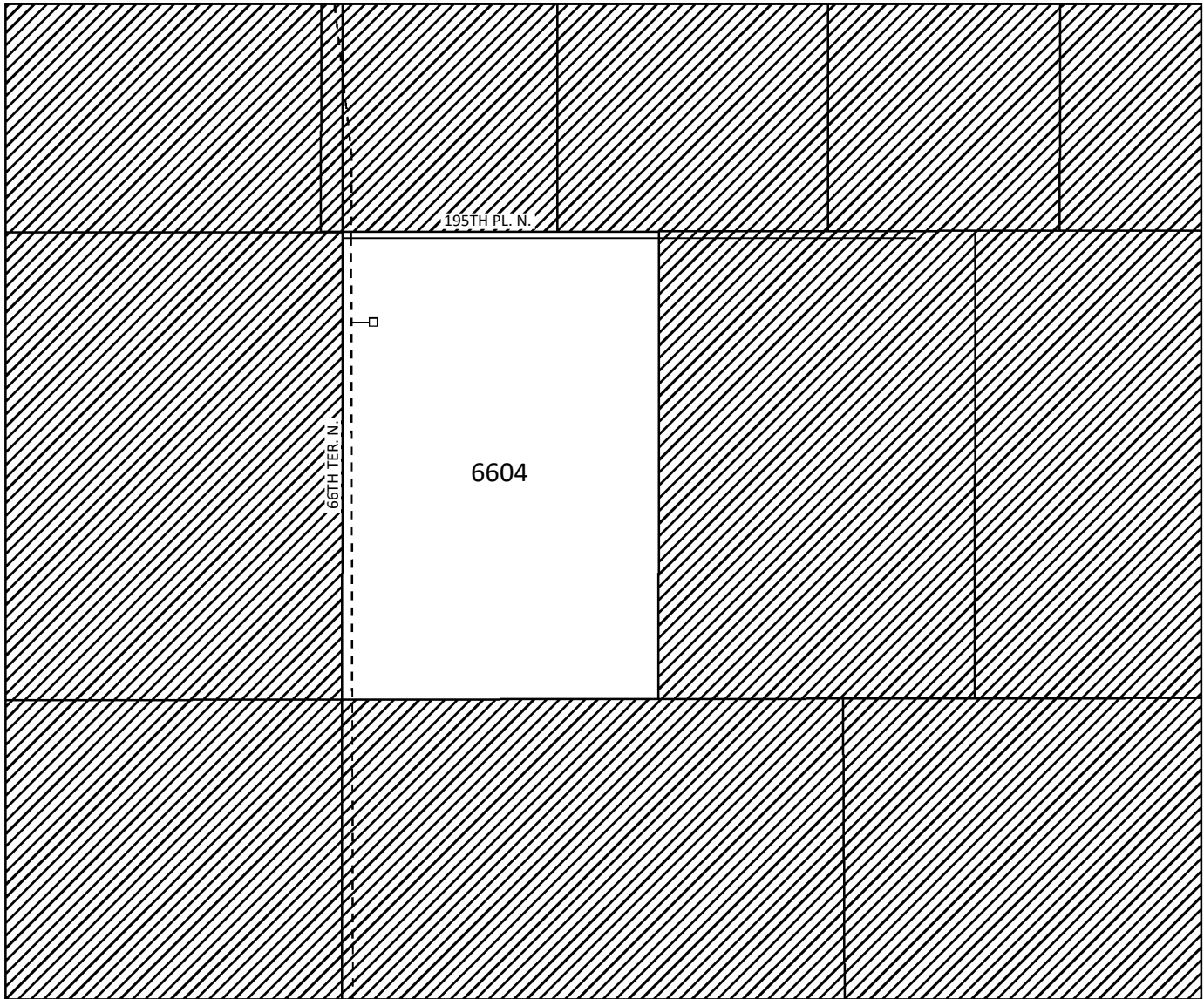
KEVIN L. BAKER

DR. MATT H. ROSTOCK

EXHIBIT "B"

6604 N. 195th PLACE

STATUTORY WAY OF NECESSITY



LEGEND

- EXISTING 2" LOW PRESSURE MAIN
- PROPOSED 2" LOW PRESSURE MAIN
- NEW LOW PRESSURE SERVICE BOX
- ▨ NOT IN ASSESSMENT AREA

EXHIBIT “B”

PROPOSED SEWER SERVICE ASSESSMENT AREA

6604 N. 195th PLACE ASSESSMENT AREA

The properties to be provided sewer service are located within Section 27, Township 40 South, Range 42 East, Jupiter, Palm Beach County, Florida and lies within the following general boundaries:

On the North by N. 195th Place,
On the South by 65th Terrace North,
On the East by Fox Run Circle, and
On the West by 66th Terrace North.

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

- 1 Service
- 1 Low Pressure Pumping Unit

Joshua & Emily K Matzke
6604 N.195th Place
Jupiter FL 33458 1812
re: 6604 N.195th Place, Jupiter, FL 33458
00-42-40-27-00-000-3039



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

TO: D. Albrey Arrington, Ph.D., Executive Director
 FROM: Kris Dean, P.E., Deputy Executive Director
 Courtney Jones, P.E., Director of Engineering
 DATE: May 16, 2024
 SUBJECT: Authorize Piggy-Back Contract for Lateral Lining Services

As part of the District’s rehabilitation and replacement program we routinely use lining services which install a structural pipe liner within existing service laterals. To complete this work staff located a viable “piggy-back” contract for fiscal year 2024. The contract is a City of Plantation contract with BLD Services, LLC for rehabilitation of sewer laterals. The contract is attached for reference.

The Board previously approved \$750,000 under this piggyback contract for fiscal year 2024 which was issued to BLD Services, LLC under PO #24-0298. This motion is for re-authorization of PO #24-0298 for an additional \$1,275,000 for lateral lining work to be completed by the expiration date of the City of Plantation contract (October 19, 2024). Total amounts are summarized below:

	<u>Original Authorization</u>	<u>Re-Authorization</u>	<u>Total</u>
BLD Services, LLC	\$750,000	\$1,275,000	\$2,025,000

Staff recommend the following motion:

“THAT THE DISTRICT GOVERNING BOARD re-authorize the “piggyback” of the City of Plantation Agreement No. 070-21 with BLD Services, LLC for a total not to exceed amount of \$2,025,000.”

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

AMENDMENT

FIRST AMENDMENT TO AGREEMENT BETWEEN THE CITY OF PLANTATION AND BLD SERVICES, LLC

THIS FIRST AMENDMENT to Agreement dated this 28th day of October, 2022,
by and between:

CITY OF PLANTATION, FLORIDA

a Municipal Corporation
400 North West 70th Avenue
Plantation, Florida 33317
(Hereinafter referred to as "CITY")

and

BLD SERVICES, LLC

a Louisiana Limited Liability Company
2424 Tyler Street
Kenner, LA 70062
(Hereinafter referred to as "CONTRACTOR")

WHEREAS, on October 20th, 2021, CITY entered into an Agreement with BLD SERVICES, LLC for City-Wide Rehabilitation of Sewer Lateral Pipe Lining; and

WHEREAS, the CONTRACTOR expressed a need to increase certain line item pricing prior to the expiration of the initial term (October 19th, 2023), based on market conditions, and supported by CONTRACTOR supplied documentation; and

WHEREAS, the CITY has reviewed the information provided, and performed additional independent research. The CITY entered into negotiations with the CONTRACTOR and negotiated a price increase and term(s) that was fair and reasonable; and

WHEREAS, this this Amendment shall also extend (renew) this Agreement for one (1) additional year pursuant to Contract Term (1.) section of the executed agreement. Utilizing the first (1st) of three (3) one- (1-) year renewals; and

WHEREAS, both parties concur with amending the Agreement to extend the term of the Agreement through October 19th, 2024 with the amended unit prices identified herein remaining firm; and

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, and other good and valuable consideration, the receipt and adequacy of the which are acknowledged, the parties agree as follows:

AMENDMENT

SECTION 1. RECITALS

The foregoing recitals are true and correct and are hereby incorporated into this Agreement.

SECTION 2. CONTRACT TERM

Contract Term Section within the executed agreement is amended as follows:

- 1. The term of this Agreement shall be extended through **October 19th, 2024.**

- 3. ~~Prices shall remain firm and fixed for the term of the Contract, including any option or extension periods.~~ **Agreement extension(s), renewal(s), and amendment(s) shall be based on mutually acceptable terms and conditions by both City and Contractor in writing.**

SECTION 3. CONTRACTOR'S COMPENSATION

The amended unit prices identified in **Exhibit "A"** of this First Amendment, which is incorporated herein and made apart hereof, shall remain firm until October 19th, 2024.


SECTION 4. In all other respects, the terms and conditions of the Agreement, as amended, not specifically amended herein remain in full force and effect. In the event of any conflict, this First Amendment will supersede all other terms. In the event of ambiguity, the most conservative interpretation consistent with the public interest is intended.

SECTION 5. This First Amendment shall be effective upon final CITY Signature.

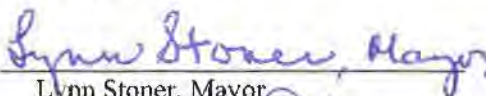
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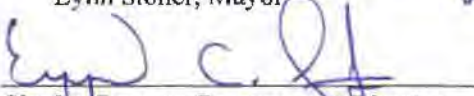
AMENDMENT

IN WITNESS WHEREOF, CITY OF PLANTATION AND BLD SERVICES, LLC have signed this Amendment in duplicate. One counterpart each has been delivered to the CITY and CONTRACTOR.

Attest: 
April Beggerow, City Clerk

CITY OF PLANTATION

By: 
Lynn Stoner, Mayor

As to Procurement: 
Charles Spencer, Procurement Director

Signed, Sealed in the presence of:

BLD SERVICES, LLC
a Louisiana Limited Liability Company

(Corporate Seal)



By: 
Jacob Trapani, Managing Member



EXHIBIT “A”

CIPP Lateral Connection and Lateral Pipe Lining			
BID ITEM NO.	DESCRIPTION	UNIT	UNIT PRICE
3-1	CIPP Lining, 8 to 15-inch full circle main connection 4" or 6" x 4.5mm lateral piping, minimum 10 LF of lateral (all depths).	EA	\$3,250.00 \$3,691.33
3-2	CIPP Lining, <u>stack pipe, double lateral</u> , 8 to 15-inch main 4 to 6-inch stack, full circle main connection 4", 6" or 8" x 4.5mm lateral piping, minimum 10 LF of lateral each way (all depths).	EA	\$4,000.00 \$4,543.17
3-3	CIPP Lining, <u>Siamese, double lateral</u> , 8 to 15-inch main 4 to 6-inch Siamese laterals, full circle main connection 4", 6" or 8" x 4.5mm lateral piping, minimum 10 LF of lateral each way (all depths).	EA	\$4,000.00 \$4,543.17
3-4	CIPP Lining, 8 to 15-inch full circle main drop connection, up to 10 LF of drop (all depths).	EA	\$2,500.00 \$2,839.48
3-5	CIPP Lining, 4" & 6" x 4.5mm laterals, all depths (includes 10 feet of lateral)	EA	\$2,000.00 \$2,271.69
3-6	CIPP Lining 4" & 6" x 4.5mm pipe, beyond 10 linear feet of lateral all depths.	LF	\$10.00 \$11.36
3-7	Transitional Liner 4" to 6" x 4.5mm transition (all depths). Transitions may occur in stackpipe, straight laterals or in Siamese configurations.	EA	\$50.00 \$56.79
3-8	Work in rear-yard easement (items 1 through 7)	EA	\$1,000.00 \$1,072.31
3-9	Sewer main cleaning and TV inspection (8-inch through 10-inch)	LF	\$2.00 \$2.14
3-10	Sewer main cleaning and TV inspection (12-inch through 15-inch)	LF	\$3.00 \$3.22
3-11	Sewer lateral TV inspection from main (up to 30 feet)	EA	\$350.00 \$375.31
3-12	Sewer lateral TV inspection from main (beyond 30 feet)	LF	\$0.25 \$0.27
3-13	Work in rear-yard easement (items 9 through 12 and 14 through 20)	EA	\$1,000.00 \$1,072.31
3-14	Cleanout Installation in grass area, 3-inch to 6-inch gravity pipe, depths up to 5-feet. (includes restoration)	EA	\$1,000.00 \$1,262.48
3-15	Cleanout Installation in asphalt area, 3-inch to 6-inch gravity pipe, depths up to 5-feet. (includes restoration)	EA	\$1,050.00
3-16	Cleanout Installation in concrete area, 3-inch to 6-inch gravity pipe, depths up to 5-feet. (includes restoration)	EA	\$1,100.00
3-17	Cleanout Installation in pavers, 3-inch to 6-inch gravity pipe, depths up to 5-feet. (includes restoration)	EA	\$1,050.00

3-18	Cleanout Installation beyond 5 feet in depth.	VF	\$125.00
3-19	Bypass pumping (8-inch to 15-inch sewer)	EA	\$250.00
3-20	Furnish and Install Double Wye	EA	\$150.00
3-21	Traffic control - hourly charge for each flagger.	HR	\$20.00
3-22	Traffic control - daily charge for arrow board.	DAY	\$250.00
3-23	Traffic control - daily charge for each barricade.	EA	\$2.00

Note No. 1: The contractor is directed to bid and install the above minimum CIPP material thicknesses. The contractor is responsible for providing sealed design calculations confirming the stated thicknesses are appropriate for the intended installation. Design requirements that indicate a thicker material will be compensated at the above unit prices for additional thickness. All designs in accordance with ASTM F1216, X1.

Note No. 2: If Contractor is awarded a contract. Contractor shall provide a written quotation of work identified by City within two (2) weeks of request for quotation. The Contractor shall commence the work within three (3) weeks of receipt of Purchase Order.



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D.
FROM: Kris Dean, P.E., Deputy Executive Director
DATE: May 09, 2024
SUBJECT: ITB # 24-004-00134 Simplex and Duplex LPSS Pump Stations -Indian Hills Low Pressure Sewer System – Low Pressure Pump Purchase.

Staff continue to work on projects identified in the neighborhood sewerage schedule. The current project, Indian Hills Low Pressure Sewer System, consists of 12 properties on Indian Hills Drive, a private road off US 1 north of Tequesta. Property owners have conveyed easements to the District to allow installation of the low pressure sewer system.

The proposed low pressure sewer system will require a low pressure pumping unit at each property. Consistent with the District’s neighborhood sewerage procedures, the District purchases the low pressure pumping station and provides these stations to the properties at cost. The property is then responsible for installation of the low pressure pumping station and connection to the low pressure sewer system.

Staff coordinated with Southeastern Pump under ITB # 24-004-00134 for low pressure pump station pricing as summarized below and detailed in their attached quote Q-22316.

QTY	Unit	Cost	Total
12	12 Simplex Low Pressure Pumping Stations per Loxahatchee River District Standard Details	\$7447.35	\$89,368.20

Staff recommend the following motion.

“THAT THE DISTRICT GOVERNING BOARD authorized the purchase of 12 low pressure pumping stations under ITB # 24-04-00134 in the amount of \$89,368.20”

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



Quote Number

Q-22316

April 15, 2024

Company Name: Loxahatchee River Environmental District

Attention: Kris Dean

Cell: 561-723-8263

Phone: 561-747-5700 ext 111

E-Mail: kris.dean@lrecd.org

Description: Indian Hills Low Pressure Sewer System

Qty.	Description	Cost	Total
12.0	<p>Simplex Low Pressure Pumping Station per Loxahatchee River District Standard Details. Each System Package Includes the following.</p> <p>Barnes Submersible Grinder Pump Model SGVF2022L, Standard Double Seal, Three-Bearing Grinder Design, 2 HP, 3450 RPM, 240 Volt, 1-Phase, 30 ft. power cord.</p> <p>Pre-Assembled Fiberglass Wet Well. Features per Loxahatchee River District Duplex LPSS Specifications</p> <ul style="list-style-type: none"> 💧 36IN x 60IN wet well and 48IN O.D. bottom flange 💧 Aluminum wet well cover, Halliday Products Model C1P 💧 Discharge pipe and valve assembly <p>Loxahatchee River District. LPSS Simplex Control Panel, using Robroy Enclosure, 2 HP, 240 Volt, 1-Phase, for SGVF Series Pumps, U.L. 508A Listed.</p> <ul style="list-style-type: none"> 💧 Mercury level control switch, internally weighted, 20 ft. cord. <p>All estimated delivery dates are provided based on the information made available. Southeastern Pump will make reasonable efforts to meet estimated delivery dates but we cannot guarantee delivery dates and they are subject to change based on manufacturers' revision.</p>	\$7,447.35	\$89,368.20

Shipping:

Total: \$89,368.20

Prices in US Funds. Applicable taxes extra and estimated based on:

Price is valid for 30 days. Terms - 30 Days Net OAC

Delivery To Be Confirmed - Terms and Conditions as Listed Below Apply

Quotation By: Luis Cuartas

Approved/Accepted By: _____

Phone:

Signature: _____ Date: _____

E-Mail: lcuartas@sepump.com

PO#: _____

THIS DOCUMENT IS EXPRESSLY SUBJECT TO ADDITIONAL TERMS AND CONDITIONS AS NOTED BELOW.

1) Unless specifically detailed in this quote, this quote is not intended for hazardous locations. Where hazardous locations exist it is up to the purchaser or agent to define the requirements in writing. At no time will Southeastern Pump or its agents assess or advise what is or is not a hazardous location. This remains the sole responsibility of the purchaser. 2) All proposals are based solely upon information provided to Southeastern Pump including but not limited to site power, flow rates, connection pressures, etc. Southeastern Pump will not accept any responsibility or liability for the purchaser's failure to provide accurate information. 3) Liquidated Damages are not accepted, and are expressly disallowed, unless agreed upon in advance and in writing, including signature of an officer of the firm. 4) This quote is limited to the items listed and does not include, unless listed above freight (shipping, delivery, transportation costs or offloading), overtime, travel expenses (flights, hotel, meals, vehicle rental etc.) or paper submittals (any submittals will be digital). Any additions will be billed as an extra, at our regular rates. 5) Any site or start up support assumes that the equipment is installed and is readily accessible. Any delays due to uninstalled equipment, improperly installed equipment or equipment unavailability due to circumstances beyond our control will be billed as an extra, at our regular rates. 6) All warranties are those of the original equipment manufacturer and subject their published terms.

Head Office & Mailing Address: 1354 SW 12th Ave, Pompano Beach, FL 33069 Ph: 954-781-8400

Warehouse & Service Center Pompano: 1368 SW 12th Ave, Pompano Beach, FL 33069 Ph: 954-781-8400

Warehouse & Service Center Tampa: 3502-A Riga Blvd., Tampa, FL 33619 Ph: 954-781-8400



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. ALBREY ARRINGTON, Ph.D., Executive Director
FROM: JASON A. PUGSLEY, P.E., Operations – Plant Manager
DATE: MAY 10, 2024
SUBJECT: PURCHASE ORDER AMENDMENT (P.O. NO. 24-013) - EVOQUA ODOR CONTROL SERVICES

Evoqua Water Technologies, Inc. (Evoqua) supplies the District with chemicals and equipment that assists with odor control at our plant site and within the collection system. Staff previously requested approval of the Fiscal Year 2024 Annual Purchase Order in the amount of \$230,000.00 with Evoqua at the September 2023 Governing Board meeting. The terms of the purchase order was intended to cover Evoqua's services through May 13, 2024. This term coincides with the terms stipulated in Evoqua's contract with Lee County, which the District is authorized to piggy-back.

The previously requested purchase order amount was based on the historical chemical usage and hydrogen sulfide concentrations in the air flow diverted to the chemical odor control system dedicated to the sludge storage tank. During Fiscal Year 2024, the chemical usage of the system has been higher than originally estimated. Additionally, the previously requested amount did not include the mobilization cost (\$19,955.40) required by the piggy-back contract for the replacement of the previous, 2,000 standard cubic feet per minute (scfm) bioscrubber odor control unit in-service at the headworks structure with a larger, 4,500 scfm biotrickling unit. The new biotrickling filter, which was installed during the month of March, is fully operational and functioning as intended. As a result, Staff is requesting that the amount of the previously issued purchase order be increased by \$30,000.00 to cover the additional odor control costs anticipated through May 13, 2024.

Staff recommends the following motion:

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to amend the amount of P.O. No. 24-013, which was previously issued to Evoqua Water Technologies, Inc., for the continued supply of odor and corrosion control chemicals and services, in accordance with a “piggy-back” of Lee County contract for the period from September 30, 2023, through May 13, 2024, to a revised amount Not-to-Exceed \$260,000.00”.

Stephen B. Rockoff
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Gordon M. Boggie
BOARD MEMBER

Dr. Matt Rostock
BOARD MEMBER

Clinton R. Yerkes
BOARD MEMBER



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. ALBREY ARRINGTON, Ph.D., Executive Director
FROM: JASON A. PUGSLEY, P.E., Operations – Plant Manager
DATE: MAY 10, 2024
SUBJECT: FISCAL YEAR 2024 – ANNUAL PURCHASE ORDER AUTHORIZATION FOR EVOQUA ODOR CONTRACT PRICING EXTENSION

Evoqua Water Technologies, Inc. (Evoqua) supplies the District with chemicals and equipment that assists with odor control and/or corrosion control at our plant site and within the collection system. Evoqua has an executed contract in place with Lee County and previously extended the offer to the District to “piggy-back” the executed Lee County contract for our wastewater odor and corrosion control program. The Lee County contract included an initial three-year period which was effective May 14, 2018 through May 13, 2021, as well as three (3) possible one-year extensions. Lee County recently elected to execute a 6-month extension of the current contract beyond the original, maximum six-year contract period. The 6-month extension includes unit cost rates which are unchanged from the current rates. The unit cost rates are as follows:

- 25% Sodium Hydroxide: \$4.89/gallon
- 12% Sodium Hypochlorite: \$4.20/gallon
- Master LS Biofilter Lease: \$3,354.00/mo.
- WWTF HW Biofilter Lease: \$6,651.68/mo.

The 6-month extension has a term of May 14, 2024, through November 13, 2024. 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. The current authorization request is for May 14, 2024, through September 30, 2024 (i.e., to the end of FY2024).

The amount previously allocated in the District's FY 2024 budget for these contract costs is currently not sufficient to cover the amount of this request. The anticipated budget overage is a result of higher than anticipated chemical usage and the cost associated with mobilizing and installing a larger odor control system at the headworks structure. Staff is confident, however, that there are adequate funds within the District's FY2024 budget to cover the anticipated overage for this contract.

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 and corrosion control chemicals and services, in accordance with a “piggy-back” of Lee County contract for the period from May 14, 2024 through September 30, 2024, in an amount Not-to-Exceed \$175,000”.

Stephen B. Rockoff
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Gordon M. Boggie
BOARD MEMBER

Dr. Matt Rostock
BOARD MEMBER

Clinton R. Yerkes
BOARD MEMBER



Notice of Extension

Kevin Ruane
District One

Cecil L Pendergrass
District Two

Ray Sandelli
District Three

Brian Hamman
District Four

Mike Greenwell
District Five

Dave Harner
County Manager

Richard Wesch
County Attorney

Donna Marie Collins
Hearing Examiner

March 7, 2024

Mr. Rodney Aulick
Evoqua Water Technologies, LLC
111 47th Street
Pittsburg, PA 15201

Re: Extension of Annual Contract No. RFP170384ANB
Odor Control & Corrosion Services

Dear Mr. Aulick:

Lee County Board of County Commissioners (County) and Evoqua Water Technologies, LLC (Vendor), by execution of this Notice of Extension, have both agreed to the First extension of the above referenced contract/agreement for the period of May 14, 2024 through November 13, 2024, six (6) months at the agreed upon terms and conditions.

The issuance of the purchase order is done with the understanding that all provisions in the solicitation are binding, establishing a contractual obligation by both the County and the Vendor.

If this extension is acceptable, please acknowledge by signing and returning a copy of this letter with a copy of your current Certificate of Insurance to my attention.

Please return an executed copy of this letter and current Certificate of Insurance by Friday, March 22, 2024. If you have any questions, please contact me at (239) 533-8871 or kurban@leegov.com.

Lee County

Vendor Acknowledgement:

Signature of Authorized Official
Mary G. Tucker, CPPO, CPPB, CPM

Print Name

Director of Procurement Management

Title

Date

Signature

Thomas R. Wilson P.E

Print Name

V.P & G.M

Title

3/25/2024

Date



Lee County Procurement Management Signatory Authorization Affidavit

Date: 3/25/2024 Company Name: Evoqua Water Technologies LLC ("Company")

AUTHORIZATION: The Affiant warrants the truth and accuracy of this Affidavit to statements hereinafter made. The Affiant acknowledges that it is of critical importance that the individuals signing legally binding documents on the Company's behalf possess the authority to bind the Company so that both parties are bound by the terms of said documents.

INSTRUCTIONS: This Authorization Affidavit shall only be executed by the following:

- Corporation: President or CEO
• LLC: Managing Member, if manager-managed LLC or Member, if member-managed LLC
• Sole Proprietor: Owner
• An individual authorized to sign on the Company's behalf as evidenced by internal Company documentation delegating signing authority to that individual. Please attach internal Company documentation, if applicable.

All signatures on this Affidavit must be wet, non-electronic and non-digital original signatures. If you have more than four Authorized Signatories, please duplicate this page. A wet, non-electronic and non-digital original signature is required on each page. The following individuals are hereby authorized, as representatives of the Company identified above, to sign and execute legally binding documents on behalf of the Company.

Table with 2 columns: Authorized Signatory Name, Title. Row 1: See attached officer's certificate

By executing this Affidavit, I hereby authorize the individuals shown above to sign and execute legally binding documents on behalf of the Company. I further acknowledge that it shall be the sole responsibility of the Company to provide an updated Signatory Authorization Affidavit, upon any change in signatory authorization, to the County, Attention: Procurement Management Director, 1500 Monroe Street, 4th Floor, Fort Myers, FL 33901.

[Handwritten signature]

(Signature of Affiant)

V.P & G.M

(Title: President, CEO, Managing Member, Member, Owner)

3/25/2024

(Date)

Thomas. R. Wilson P.E

(Printed Name of Affiant)

STATE OF Florida
COUNTY OF Manatee

The foregoing instrument was signed and acknowledged before me this 25 day of March

20 24 who produced the following as identification Known to me (type of identification and number or personally known)

[Handwritten signature]

Notary Public Signature

Kayleigh. E. Moran

Printed Name of Notary Public

HH045434

Commission Number/Expiration



EVOQUA WATER TECHNOLOGIES LLC

OFFICER'S CERTIFICATE

I, Jessica Beckett-McWalter, Assistant Secretary of Evoqua Water Technologies LLC, a Delaware limited liability company (the "Company"), do hereby certify on behalf of the Company that Thomas R. Wilson is Vice President and General Manager of the WT Municipal Services Sub-segment of the Company, and that in such capacity, Mr. Wilson has full power and authority to execute and deliver the Company's bid and all related ancillary agreements for the supply of Full Service Odor Control to Lee County Board of County Commissioners in Ft. Myers, FL.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on the 11th day of March, 2022.

Jessica Beckett-
McWalter

Digitally signed by Jessica Beckett-
McWalter
DN: cn=Jessica Beckett-McWalter,
o=US, ou=Evoqua Water Technologies
LLC, ou=Legal Department,
email=jessica.mcwalter@evoqua.com
Date: 2022.03.14 07:37:06 -0400

Jessica Beckett-McWalter
Assistant Secretary





Item 5G

Edmunds Sales Agreement Amendment – will be presented at a later Board meeting





LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

To: Albrey Arrington, Ph. D., Executive Director
From: Bud Howard, Director of Information Services
Date: May 10, 2024
Subject: Approval of Credit for Overpayment

This is a request for Board approval of a credit for a Customer's payment made on August 3rd, 2021 that was applied to the wrong account, and debit the account that erroneously credited the payment. Because the credit adjustment is over \$10,000, Board approval is required per Rule 31-10.009(8).

On April 25, 2024, the auditor for a large condominium customer, Oceancrest Condominium, account #1318200-0, contacted our office to notify us of a double payment that occurred during the 3rd Quarter of 2021. We were able to pull the archived check stub and found that the payment of \$11,484.99 on August 3rd, 2021 was erroneously applied to account #1334500-0, Jupiter Bay Racquet Club/Twisted Tuna Restaurant (Jupiter Bay). Because the payment was applied to the wrong account, Oceancrest Condo received a past due notice and then paid again on September 14, 2021.

Given the clear accounting of this issue, it is our recommendation to credit \$11,484.99 to account #1318200-0 Oceancrest, and debit account #1334500-0 Jupiter Bay the payment of \$11,484.99 that was erroneously applied. And that we will work with Jupiter Bay on repayment terms defined in our Delinquent Account Payment Plan Policy.

It is worth noting that our new customer information system includes functionality that would make this type of error far less likely to happen because of a series of notifications of overpayment.

Staff offers the following motion for consideration:

“THAT THE DISTRICT GOVERNING BOARD approves the credit of \$11,484.99 to account 1318200-0, for the 3rd Quarter 2021 payment that was erroneously applied to account (#1334500-0); and a debit of \$11,484.99 to account 1334500-0.

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



D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: GOVERNING BOARD
FROM: D. ALBREY ARRINGTON, Ph.D.
DATE: MAY 9, 2024
SUBJECT: PERSONNEL POLICIES & PROCEDURES UPDATE – SAFETY SHOE REIMBURSEMENT

The District's Personnel Policies & Procedures is a summary of District policies, procedures, and practices that are binding upon Loxahatchee River District and District personnel. Our Personnel Policies are generally brought to the Governing Board for a comprehensive review every two years. Additionally, staff present suggested revisions on an as needed basis. The policy was last approved by the Governing Board on February 15, 2024.

This month staff is seeking to revise Section 6.11.G.1 Safety Shoe Reimbursement. On the following pages, we have provided a red-lined version of the policy showing the recommended revisions. These revisions are supported by the District's Safety Officer and Safety Committee, and include:

1. Increasing the reimbursement from \$150 to \$195 per employee per fiscal year. This is recommended because of the real cost increases we have observed for safety shoes. This amount was last revised on 10/1/2016.
2. Removing the puncture resistance requirement from standard safety shoes. This requirement was added in 2023, and upon further review appears to have been unnecessary, i.e., zero of nearly 1,000 job hazard analyses have identified foot puncture as a hazard or risk and we have had no known foot puncture injuries. Furthermore, it significantly limits acceptable options.
3. Revising the acceptable shoe standard for lab staff to wear within the lab.
4. Revising the acceptable shoe standard for lab and river center staff to wear when working in an outdoor, water-based activity (e.g., surveying seagrasses, seining, and dip netting).

We believe these revisions improve our safety policies, and we recommend your approval of the following motion:

“THAT THE DISTRICT GOVERNING BOARD ratify and approve the Loxahatchee River Environmental Control District’s Personnel Policies Sections 6.11.G.1 Safety Shoe Reimbursement Policy as revised with an effective date of May 17, 2024, and authorize the District’s Executive Director to update the Personnel Policies & Procedures from time to time, and periodically present it to the Governing Board for ratification and approval.”

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

6.11.G.1. Safety Shoe Reimbursement

The District will reimburse each employee up to \$~~195.00~~~~150.00~~ per fiscal year towards the actual cost of approved safety shoes.

- ~~The safety shoe must be labeled with ASTM F2413-18 ~~MIC~~-EH (i.e., impact resistance, compression resistance, electric hazard protection, ~~puncture resistance~~) and ASTM F3445-21 SR (i.e., slip resistant).~~
- ~~For WildPine Lab employees, a non-porous, closed-toed and heeled shoe with slip resistant soles will be accepted.~~
- ~~For WildPine Lab and River Center employees performing outdoor water activities, an ankle-high neoprene shoe or “bootie” with a closed-toe and closed-heel with thick, rubberized sole and tread will be accepted. ~~leather deck shoe with slip resistant soles also will be accepted.~~~~
- The shoe must be presented to the Safety Officer to verify compliance and obtain reimbursement authorization.
- A receipt and reimbursement authorization must be provided to the District Purchasing Agent for the reimbursement of the cost of the shoe up to a maximum limit of \$~~195.00~~~~150.00~~ per fiscal year. The District does not reimburse tax or freight charges.



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

TO: D. Albrey Arrington, Ph.D., Executive Director
 FROM: Kris Dean, P.E., Deputy Executive Director
 Courtney Jones, P.E., Director of Engineering
 DATE: May 16, 2024
 SUBJECT: ITB #24-001-00131 Wastewater and I.Q. Water General Construction Services and Emergency / On-Call Repair Services

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

At the October 2023 Board Meeting, the Board authorized award of an initial 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 \$250,000 (PO #24-0191) and to Felix Civil Construction, LLC in an amount not to exceed \$250,000 (PO #24-0192).

Due to the current backlog of work, additional funds are needed to complete identified work through the end of September 2024. This motion is for re-authorization of PO #24-0191 for Hinterland Group, Inc. for an additional \$150,000 and PO #24-0192 for Felix Civil Construction, LLC for an additional \$150,000. Total amounts are summarized below.

	<u>Original Authorization</u>	<u>Re-Authorization</u>	<u>Total</u>
Hinterland Group, Inc.	\$250,000	\$150,000	\$400,000
Felix Civil Construction, LLC	\$250,000	\$150,000	\$400,000

Staff recommend the following motion:

“THAT THE DISTRICT GOVERNING BOARD re-authorization of PO #24-0191 for Hinterland Group, Inc. for a total not to exceed amount of \$400,000.00 and PO #24-0192 for Felix Civil Construction, LLC for a total not to exceed amount of \$400,000.00.”

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



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

To: Governing Board
 From: Kara Fraraccio, Director of Finance and Administration
 Date: May 10, 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 asset was aggregated with other assets or grouped as part of a project when purchased and we therefore do not have individualized asset information, instead a description of the asset is provided. Consistent with state statute and our policies and procedures, I request your authorization to dispose of the item listed below:

<u>Description</u>	<u>Serial Number</u>	<u>Condition</u>	<u>Estimated Value</u>
2 HP Barnes Pump	C1530670-0611	Beyond Repair	\$50
2 HP Barnes Pump	C1835184-0817	Beyond Repair	\$50
2 HP Barnes Pump	C1427406-0509	Beyond Repair	\$50
2 HP Barnes Pump	G89355	Beyond Repair	\$50

The items listed in the schedule above is 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



D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D.
FROM: Kris Dean, P.E., Deputy Executive Director
DATE: May 09, 2024
SUBJECT: BLM Contract 140L0621C0014 – Time Sensitive Change Order

In September 2020 LRD entered into a contract with the BLM to provide design services for the septic to sewer conversion of the Jupiter Inlet Lighthouse Outstanding Natural Area (JILONA) and undergrounding of existing FPL power and Comcast communication in the amount of \$175,000. Then, in April 2021 the District entered into a contract with the BLM to provide construction services for septic to sewer conversion of the JILONA and undergrounding of existing overhead FPL power and Comcast communication in the amount of \$1,500,000.00. In March 2023 the contract was modified to extend the period of performance and include \$100,291.71 in reimbursement cost. Due to delays by FPL, in November 2023 the contract was modified to extend the period of performance to April 1, 2024.

The contract expired on April 1, 2024 prior to completion of the work. Completion was delayed again due to FPL's lack of timely mobilization and completion of their work. Staff have coordinated with the BLM to extend the contract performance period, which will allow for time necessary for FPL to complete their work. Staff also coordinated with the BLM for additional reimbursement costs.

Period of performance: Extend 122 days to July 31, 2024
Reimbursement of Costs: \$124,324.71

Because the LRD's contractor is in the midst of finalizing onsite work, we believe it is in the District's best interest to use our time-sensitive change order protocol to approve this change order and keep the work moving forward. Therefore, the Executive Director and the Deputy Executive Director have both approved this change order under authority of the District's Procurement Policy Section 2.10 Item 5 (provided below) on April 11, 2024. The Board was also notified on April 11, 2024 via email to accommodate the requirement of our time-sensitive change order process to notify the Board within 24 hours of approval.

This memo and supporting documentation is being provided to meet the presentation requirements under Purchasing Policy Section 2.10 (5).

No action is required by the Board.

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
			1 3
2. AMENDMENT/MODIFICATION NO. P00005	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 0040658838	5. PROJECT NO. (If applicable)
6. ISSUED BY BLM OC-NOC CONST A&E SEC (OC664) DENVER FEDERAL CENTER BLDG. 50 POB 25047 DENVER CO 80225	CODE LNC	7. ADMINISTERED BY (If other than Item 6) BLM OC-NOC CONST A&E SEC (OC664) DENVER FEDERAL CENTER BUILDING 50 PO BOX 25047 DENVER CO 80225	CODE LNC
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) LOXAHATCHEE RIVER DISTRICT Attn: Kris Dean 2500 JUPITER PARK JUPITER FL 33458-8962		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 0071415467 FACILITY CODE		x 10A. MODIFICATION OF CONTRACT/ORDER NO. 140L0621C0014	10B. DATED (SEE ITEM 13) 04/07/2021

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

Net Increase:

\$124,234.71

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.243-4, Changes
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

UEI: EMBBMB8E4L57

The purpose of this modification is to extend the period of performance due to delays by Florida Power & Light and reimburse LRD for costs incurred.

1. As a result the period of performance is changed from 8/2/2021 to 4/1/2024 TO: 8/2/2021 to 7/31/2024.

2. CLIN 0030 and \$124,234.71 is added for costs incurred.

3. The total contract price is increased from \$1,600,290.71 to: \$1,724,525.42.

4. All other terms and conditions remain unchanged.

5. Contractors Statement of Release: In consideration of this modification agreed to herein as a complete equitable adjustment for the changes, the contractor hereby releases the Government from any and all liability under this contract for further equitable

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) D. Albrey Arrington Executive Director	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jeane E. Steed
15B. CONTRACTOR/OFFEROR <u>D. Albrey Arrington</u> (Signature of person authorized to sign)	15C. DATE SIGNED 04/11/24
16B. UNITED STATES OF AMERICA JEANE STEED (Signature of Contracting Officer)	16C. DATE SIGNED Digitally signed by JEANE STEED Date: 2024.04.11 12:25:19 -06'00'

Previous edition unusable

STANDARD FORM 30 (REV. 11/2016)
Prescribed by GSA FAR (48 CFR) 53.243

NAME OF OFFEROR OR CONTRACTOR
 LOXAHATCHEE RIVER DISTRICT

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00010	<p>adjustments related to and/or attributed to such facts or circumstances giving rise to these changes and to this modification. Period of Performance: 08/02/2021 to 07/31/2024</p> <p>Change Item 00010 to read as follows (amount shown is the obligated amount):</p> <p>ONA Septic to Sewer Conversion Product/Service Code: C1ND Product/Service Description: ARCHITECT AND ENGINEERING- CONSTRUCTION: SEWAGE AND WASTE FACILITIES</p> <p>Accounting Info: 01 Account Assignm: K G/L Account: 6100.252A0 Business Area: L000 Commitment Item: 252A00 Cost Center: LLESJ02400 Functional Area: L16530000.IB0000 Fund: 19XL1109AF Fund Center: LLESJ02400 Project/WBS: LA.DM.MB7M0000 PR Acct Assign: 01 Funded: \$0.00</p> <p>Accounting Info: 02 Account Assignm: K G/L Account: 6100.252A0 Business Area: L000 Commitment Item: 252A00 Cost Center: LLESJ02400 Functional Area: L16530000.IB0000 Fund: 20XL1109A1 Fund Center: LLESJ02400 Project/WBS: LA.DM.MC4M0000 PR Acct Assign: 02 Funded: \$0.00</p>				0.00
00020	<p>Change Item 00020 to read as follows (amount shown is the obligated amount):</p> <p>Septic to Sewer Mod 1 Obligated Amount: \$0.00 Product/Service Code: Y1ND Product/Service Description: CONSTRUCTION OF SEWAGE AND WASTE FACILITIES</p> <p>Accounting Info: 01 Account Assignm: P G/L Account: 6100.327Y0 Business Area: L000 Commitment Item: 327Y00 Cost Center: LLESJ02400 Functional Area: L98400000.IB0000 Fund: XXXL57150A Fund Center: LLESJ02400 Project/WBS: LX.OA.L2030004 PR Acct Assign: 01 Continued ...</p>				0.00

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
140L0621C0014/P00005

PAGE OF
3 3

NAME OF OFFEROR OR CONTRACTOR
LOXAHATCHEE RIVER DISTRICT

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00030	<p>Funded: \$0.00</p> <p>Add Item 00030 as follows:</p> <p>Additional Costs Product/Service Code: C1ND Product/Service Description: ARCHITECT AND ENGINEERING- CONSTRUCTION: SEWAGE AND WASTE FACILITIES</p> <p>Accounting Info: 01 Account Assignm: K G/L Account: 6100.252A0 Business Area: L000 Commitment Item: 252A00 Cost Center: LLESJ02400 Functional Area: L16530000.IB0000 Fund: 22XL1109A1 Fund Center: LLESJ02400 Project/WBS: LA.DM.MB7M0000 PR Acct Assign: 01 Funded: \$53,398.48</p> <p>Accounting Info: 02 Account Assignm: K G/L Account: 6100.252A0 Business Area: L000 Commitment Item: 252A00 Cost Center: LLESJ02400 Functional Area: L16530000.IB0000 Fund: 21XL1109A1 Fund Center: LLESJ02400 Project/WBS: LA.DM.MC4M0000 PR Acct Assign: 02 Funded: \$70,836.23</p>				124,234.71



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D.
FROM: Kris Dean, P.E., Deputy Executive Director
DATE: April 10, 2024
SUBJECT: Professional Engineering Services for 9278 Indiantown Road/20 Acres – Site Remediation: Change Order 003

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

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

Since authorization of the professional services agreement in May the District has received a grant from FDEP in the amount of \$100,000 to construct parking facilities, a chickee hut and nature trails at the 20 acres (See Tab 5B). Professional engineering services required for the grant funded facilities were not part of the professional engineering services agreement approved in May 2023. To address professional engineering services required for grand funded facilities the following change orders were processed.

Change Order 001: Additional \$39,480.000 for design of grant funded facilities

Change Order 002: Extend professional engineering services schedule through contract award to January 16, 2025, allowing for Palm Beach County PZB coordination

Change Order 001 included the additional professional engineering services for facilities defined in the grant but did not include additional required improvements such as water, sewer, electric lighting, landscaping, and site plan approval/concurrency certification required by Palm Beach County Planning, Zoning and Building. Additional requirements were identified in a coordination meeting with PBC earlier this year. This change order provides for the required additional professional engineering services to address PBC requirements identified during this coordination meeting.

Change Order 003: Additional \$5,200 for a Traffic Statement and Access Management waiver request.

Staff approved Change Order 003 under the existing project contingency. No Board action is required.

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

AMENDMENT NO. 3 TO PROFESSIONAL SERVICES AGREEMENT
KCI Project No. 482021095.02

THIS AMENDMENT NO. 3 TO PROFESSIONAL SERVICES AGREEMENT (“**Amendment**”) is entered into as of the date of last signature (“**Effective Date**”) between KCI Technologies, Inc. (“**KCI**”) and Loxahatchee River Environmental Control District (“**Client**”), hereinafter referred to jointly as the “**Parties**” or singularly as the “**Party**”.

1. **Amendments to the Agreement.** The following sections of the Professional Services Agreement executed May 26, 2023 (“**Agreement**”) are hereby amended by mutual agreement of the Parties as of the Effective Date:

- a) The SCOPE OF SERVICES section of the Agreement is amended by inserting at the end of the section the following:

KCI is working on the site civil design and permitting services for Phase 1 Remediation. KCI has engaged with Palm Beach County to determine the processing requirements related to the work added in Amendment 1 (a parking area, a chickee hut, a trail to connect to the existing adjacent trail at Cypress Creek Natural Area, and a non-ADA loop trail around the existing on-site pond; this would be a controlled access for supervised groups.) Palm Beach County Planning, Zoning & Building has identified a Traffic Statement and Access Management waiver request is required to permit this project based on the program and concept plans shared with the County.

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

Task 12 Traffic Statement and Access Management Waiver request

KCI will prepare a Traffic Statement, signed and sealed by a P.E., using operational information from the Owner and available nearby traffic counts from the County. No new traffic count efforts are included in this proposal. The traffic volumes will be used for the capacity analysis and intersection assessment at the park’s access driveway.

KCI will prepare an Access Management Waiver request, signed and sealed by a P.E, based on an existing driveway permit (if available) or other information including exhibits identifying waiver request distance and bus turning radii as required.

Task 12 deliverables will be used to permit the project through Palm Beach County.

The Client shall provide KCI with the following:

- Driveway Permit.
- All review related fees.
- Additional information required by Palm Beach County.

- a) The FEES AND PAYMENTS section of the Agreement is amended by replacing “a lump sum of \$117,180.00” with “a lump sum of \$122,380.00”.

2. **Definitions.** Capitalized terms used and not defined in this Amendment have the respective meanings assigned to them in the Agreement.
3. **Agreement Remains in Effect.** Except as expressly provided in this Amendment, all of the terms and provisions of the Agreement are and shall remain in full force and effect and are hereby ratified and confirmed by the Parties. On and after the Effective Date, each reference in the Agreement to “this Agreement,” “the Agreement,” “hereunder,” “hereof,” “herein,” or words of like import will mean and be a reference to the Agreement as amended by this Amendment.
4. **Counterparts.** This Amendment may be executed in counterparts, each of which is deemed an original, but all of which constitute one and the same agreement. Delivery of an executed counterpart of this Amendment electronically shall be effective as delivery of an original executed counterpart of this Amendment.

(Remainder of page intentionally left blank.)

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

KCI:

KCI Technologies, Inc.

BY:

Todd Mohler
Todd Mohler (Apr 15, 2024 08:58 EDT)

Signature

Todd Mohler, RLA

Name

Senior Project Manager

Title

Apr 15, 2024

Date

CLIENT:

Loxahatchee River Environmental Control District

BY:

D. Albrey Arrington

Signature

Albrey.Arrington

Name

Executive Director

Title

Apr 15, 2024

Date

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

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

CHANGE ORDER # 003

DATE: April 10, 2024

PROJECT NAME: Professional Engineering Services: 20 Acre(9278 Indiantown Road) Site Remediation

OWNER: Loxahatchee River Environmental Control District

CONTRACTOR: KCI Technologies Inc.

THE FOLLOWING CHANGES: Time extension to address delays.

JUSTIFICATION: Palm Beach County required Traffic Statement and Access Management waiver request.

CHANGE TO CONTRACT PRICE:

Original CONTRACT PRICE:	\$ 77,700.00
Current CONTRACT PRICE	\$ 117,180.00
CONTRACT PRICE due to this Change Order will be <u>INCREASED/DECREASED</u> by:	\$ 5,200.00
The New CONTRACT PRICE including this Change Order will be:	\$ 122,380.00

CHANGE TO CONTRACT TIME: Unchanged

APPROVED BY CONTRACTOR: Todd Mohler 04/15/24
Todd Mohler (Apr 15, 2024 08:58 EDT) DATE

APPROVED BY OWNER: D. Albury Arrington Apr 15, 2024
 LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT DATE



Item 5L-C3

Professional Engineering Services For Anerobic Selector Zone Pilot Testing & Process Aeration System Energy Efficiency Evaluation – Biomix Compressed Gas Mixing Demo System – Change Order 001 – will be presented at a later Board meeting



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LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D.
FROM: Kris Dean, P.E., Deputy Executive Director/Director of Engineering
DATE: May 10, 2024
SUBJECT: 2500 Jupiter Park Drive – Site Planning – DRAFT Final Memorandum

In November 2021 the District engaged with Chen Moore and Associates (CMA) for 2500 Jupiter Park Drive Site Planning. The site planning effort results in a long-range plan, think over the next 50 years, for 2500 Jupiter Park Drive. Site planning consisted of 6 main tasks: Data Collection and Field Investigation, Regulatory Review, Planning Services, Sustainability Review, Grant Funding Review, and Site Planning Memorandum. The two (2) main objectives of this site planning effort consisted of the following:

- Define limits and guidelines for infrastructure security and resiliency
- Ensure 2500 Jupiter Park Drive has and will continue to have adequate space for receiving wastewater, treating wastewater to IQ water standards, and distributing IQ water to consumers. The space assessment included evaluating our current and future abilities to rehabilitate existing infrastructure and construct new infrastructure on site while maintaining site functionality and coordinating with current and future site uses.

This month we have provided the Board the DRAFT Final Site Planning Memorandum for review and discussion. The Board's input is sought on key elements including:

- Security and Access
- Resiliency Goals
- Reservation of Space
- Phase 1 – Warehouse & Maintenance Site Plan & associated Financial Planning
- Phase 2 – Biosolids Processing Facility Site Plan and Financial Planning
- Overall Site Plan

A summary of considerations for these key points is included on the following pages. Following Board input on these key elements the Site Plan Memorandum will be finalized and provided to the Board at a later date. No formal Board action is requested at this time, but Board input on the plan and key elements is sought.

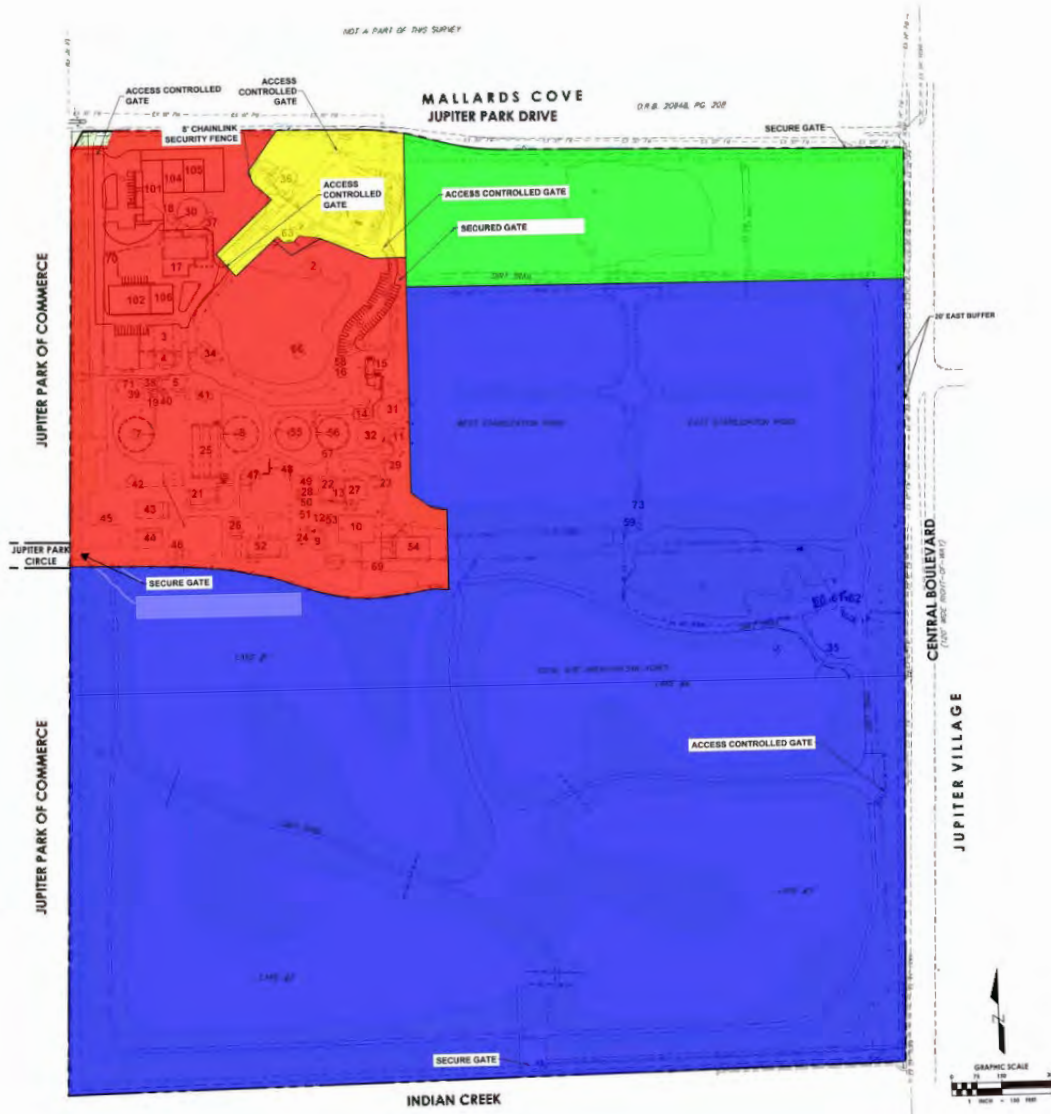
Stephen B. Rockoff
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Gordon M. Boggie
BOARD MEMBER

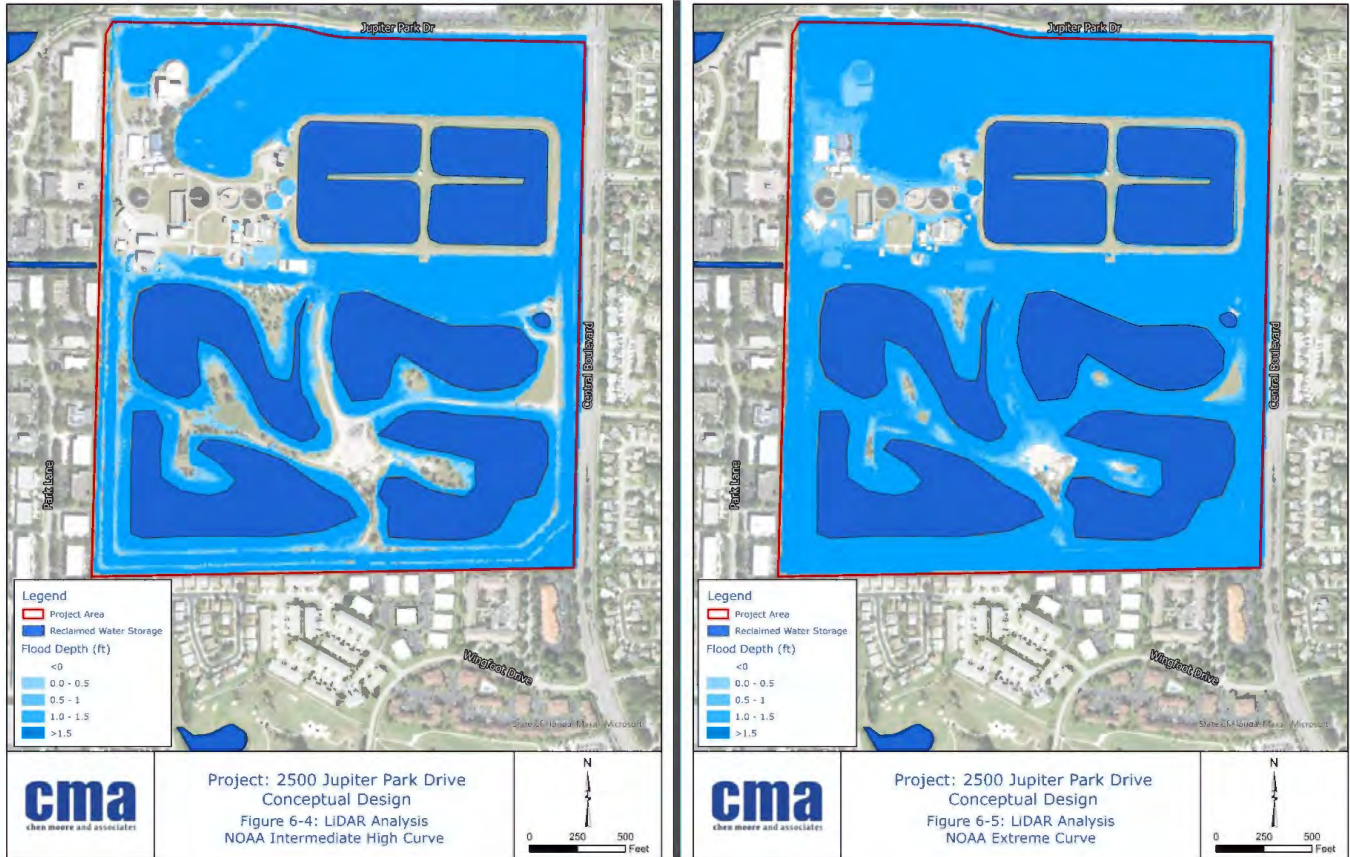
Dr. Matt H. Rostock
BOARD MEMBER

Clinton R. Yerkes
BOARD MEMBER

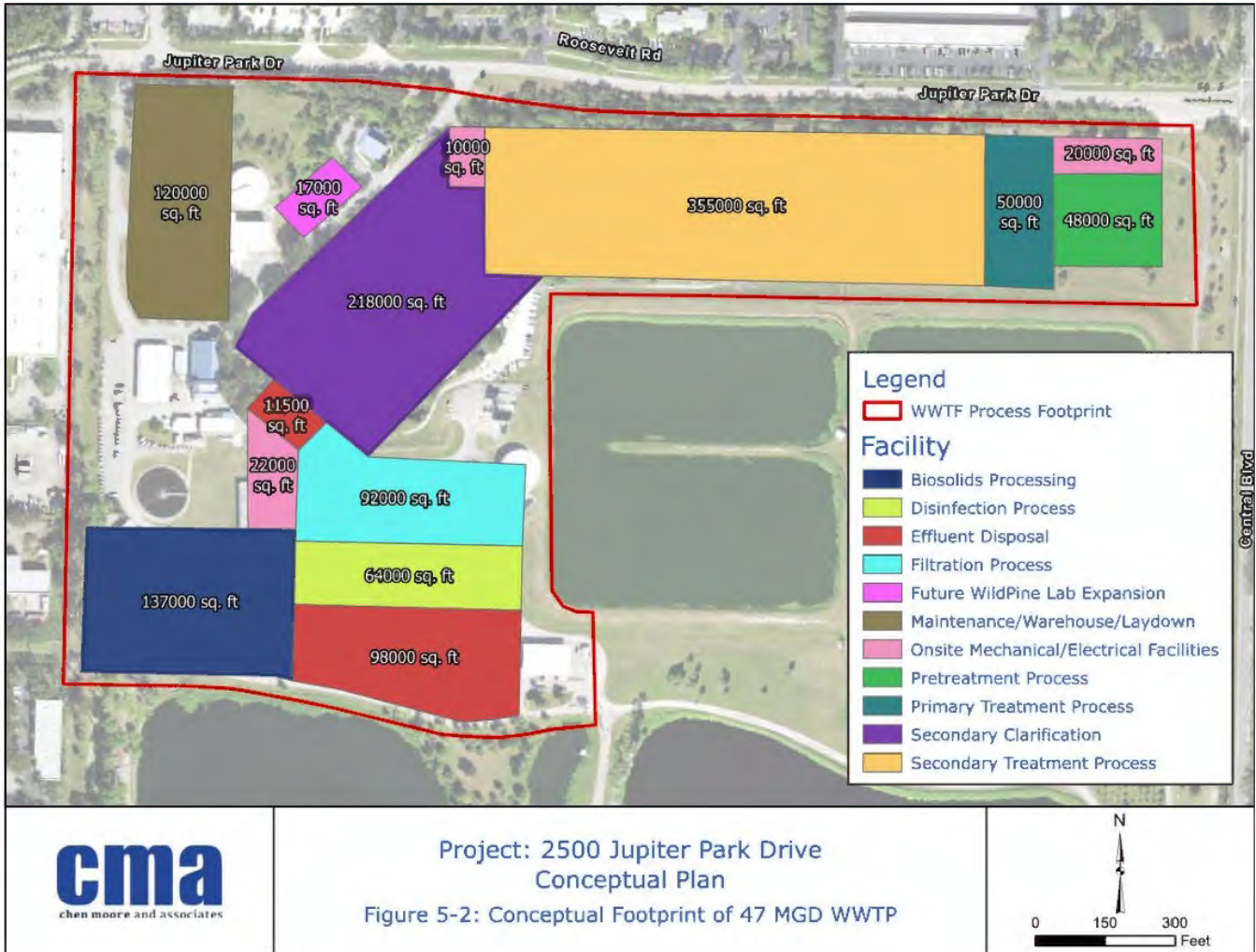


Security. During programming efforts site security was clearly identified as a top priority. The DRAFT Final Memorandum classifies the site into 4 access categories: Secure Access – WWTF Footprint, Secured Access – Vegetated Area, Secured Access – Reclaimed Water Storage and Public Access as noted above. Phase 1 and 2 (described in more detail below) limit public access to the existing Administration Building, Wildpine Lab, and supporting parking areas (see figure above). Public access areas are highlighted yellow, while blue, green, and red highlights define secured areas.

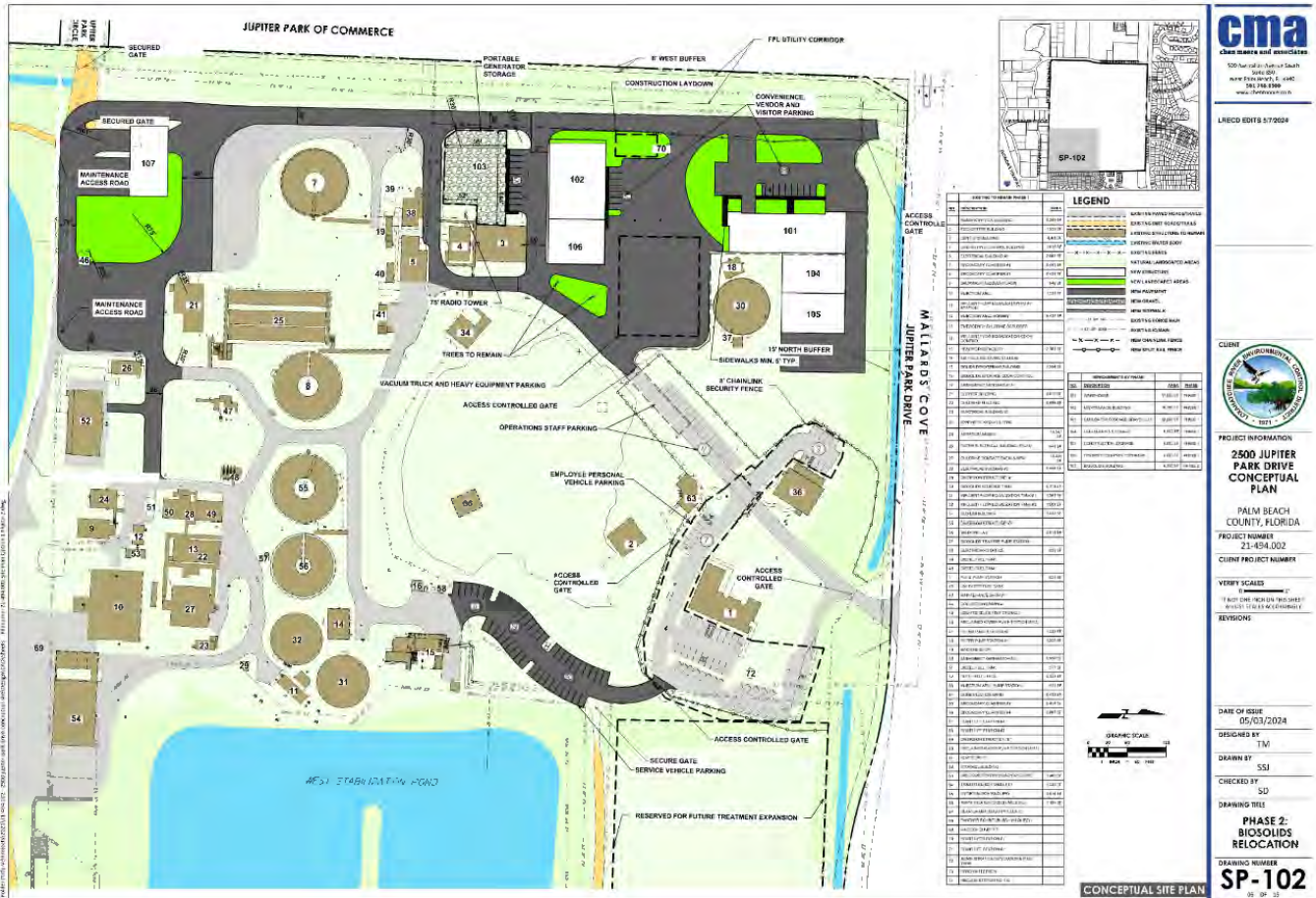
In addition to the designation of secured access areas, CMA completed 2500 Jupiter Park Drive Site Security Review Technical Memorandum, which provides a review of the existing site security including existing security measures and protocols, identification of potential security concerns, and recommendations for improvements to enhance security at the site. Their site security review was limited to an evaluation of staff and public access on the site. A full risk assessment was not performed. The site security memorandum is a confidential document and will be provided individually to the Board for review and consideration.



Resiliency. The DRAFT Final Memorandum includes considerations for potential increased flooding risks due to sea level rise and defines two flood elevation curves: NOAA Intermediate High Curve and NOAA Extreme Curve. All new non-critical infrastructure must be designed and constructed above the defined NOAA Intermediate High Curve elevation. All new critical infrastructure must be designed and constructed above the defined NOAA Extreme High Curve elevation. Future planning/assessment efforts will include detailed analysis and recommendations for increasing resiliency of existing infrastructure. The figure above left defines areas within the intermediate curve (highlighted light blue), while the figure above right defines areas within the extreme curve (also highlighted light blue).

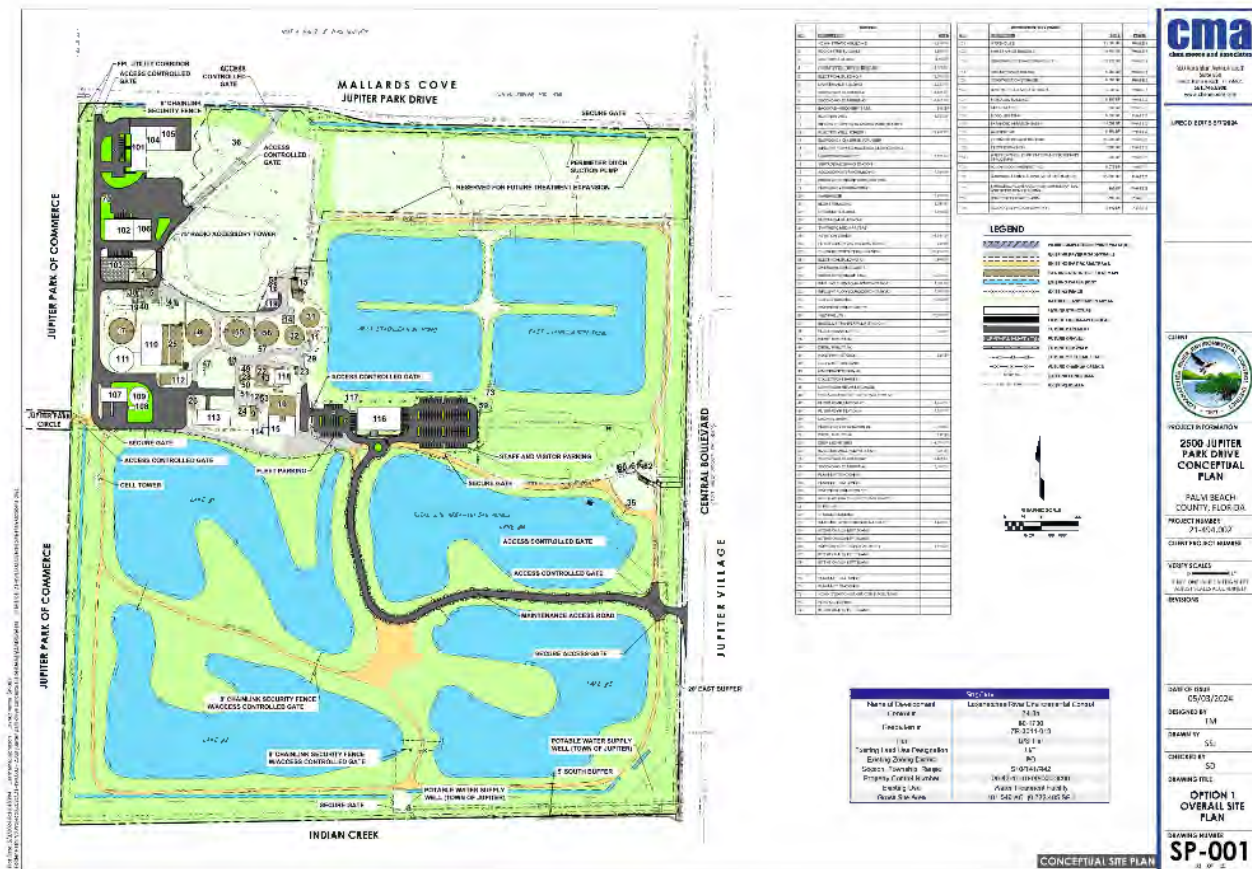


Treatment Footprints. The DRAFT Final Memorandum defines the space required for up to 47 MGD treatment capacity. It is noted that 47 MGD has been identified as the target for reservation of space at 2500 Jupiter Park Drive but is not being used as a basis for rate study or budget efforts.



Phase 2 Biosolids Processing Facility: Site planning efforts include Phase 2 Biosolids Relocation. The Phase 2 Site Plan anticipates a new biosolids processing building and truck loading facilities. The Phase 2 Site plan integrates these facilities into the existing and Phase 1 site plan as noted on Sheet SP-101 and SEC 102. Costs for Phase 2 improvements are \$16.7M based on a Class 4 (-30% to +50%) cost estimate. These ranges are deemed acceptable given the current level of planning and are acceptable to use in initial rate study and budget efforts.

Overall Site Plans. Two (2) options for the overall site plan are denoted as Option 1 and Option 2 and are included below. The options present the ultimate location of the Administration and Operations Building in two (2) possible locations that do not conflict with future operational needs. Option 1 (see above) would incorporate all Administration, Engineering, and Operations staffing functions, and including the WWTF control room, into one (1) building located adjacent to the treatment processes and central to the site. Option 2 (see next page) would combine the Administration, Engineering and Operations staffing functions into one (1) building located central to the lakes, but the WWTF control room, operators, and maintenance staff would be located within the treatment footprint, similar to the current configuration.



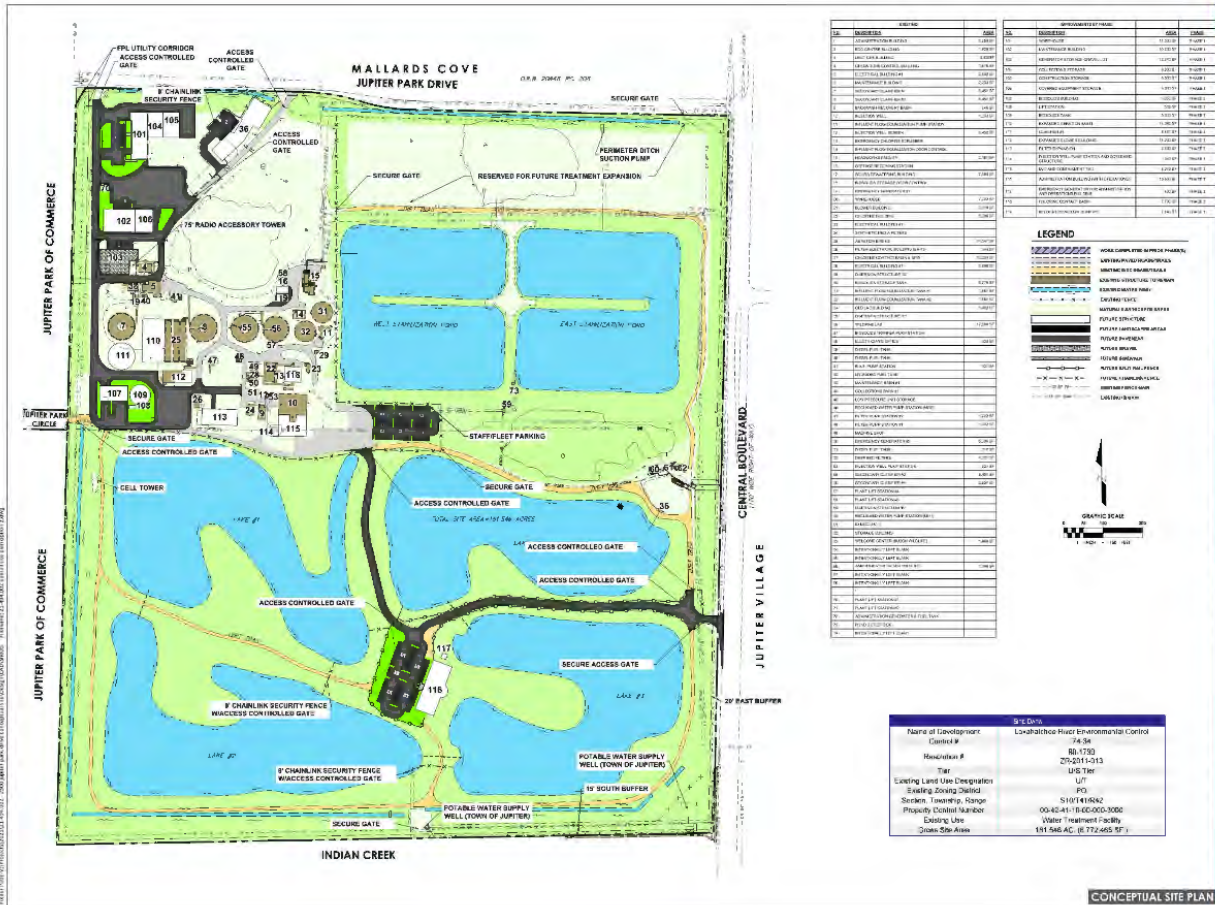
Option 1 –

Pro's:

- Provides one structure for all staff needs potentially lowering operation and maintenance costs associated with occupied space.
- Provides a centralized area for all staff promoting 'one team' and collaboration between departments.

Con's:

- Higher capital costs, \$24.0M
- Potentially requires relocation of treated effluent piping, IQ, and concentrate piping.
- Allows public access closer critical infrastructure compared to Option 2. See Sheet SEC-003



LAECO EDITS 07/2024



PROJECT INFORMATION
2500 JUPITER PARK DRIVE CONCEPTUAL PLAN

PALM BEACH COUNTY, FLORIDA

PROJECT NUMBER: 21-494.002

CITY PROJECT NUMBER

VERIFY SCALES: 1" = 100'-0" (SEE TITLE SHEET), ASSET SCALES ACCORDING TO REVISIONS

DATE OF REVISION: 05/03/2024

DESIGNED BY: TM

DRAWN BY: SSJ

CHECKED BY: SD

DRAWING TITLE: **OPTION 2 OVERALL SITE PLAN**

DRAWING NUMBER: **SP-002**

Option 2 – Pro’s:

- Lower capital costs, \$19.7M
- Provides greater separation between public access and treatment facilities. See Sheet SEC-004
- Does not require relocation of existing infrastructure.

Con’s:

- Requires additional independent facilities for occupied space potentially increasing operation/maintenance costs.
- Separates departments into separate facilities lessening the promotion effects of ‘one team’ and collaboration.

I look forward to receiving your input on this plan.



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: GOVERNING BOARD
FROM: D. ALBREY ARRINGTON, Ph.D.
DATE: MAY 10, 2024
SUBJECT: TOWN OF JUPITER LICENSE AGREEMENT

Beginning in February, LRD staff (Arrington and Dean) have met with Town of Jupiter staff regarding their desire to locate a new Town of Jupiter Fire Station on LRD property at the corner of 2500 Jupiter Park Drive. Early in the discussion, I represented to Town staff that LRD is not interested in selling any of our property located at 2500 Jupiter Park Drive, but that our site planning for this property indicated we could potentially execute a long-term (30-50 year) lease or license agreement for a portion of our property near the corner of Central Boulevard and Jupiter Park Drive.

Town staff were excited by this prospect because they had identified this corner of our property as an ideal location for one of their new fire stations. The ideal location was based on calculated response times to serve their customers and other factors (e.g., ability for fire trucks to exit the fire station onto Jupiter Park Drive and existing traffic signal at intersection of Central Blvd and Jupiter Park Dr).

Town staff quickly created concept drawings of the site and the potential fire station (see following page) and identified the following key elements of a draft agreement: (1) 2-acre parcel at northeast corner of 2500 Jupiter Park Drive; (2) 50-year license agreement; (3) parcel to be annexed into the Town of Jupiter; and (4) time is of the essence due to their need to provide fire service on October 1, 2026.

At the LRD Governing Board meeting on February 15, I discussed this concept with the Governing Board. While the Board did not take any official action, a clear majority of Board Members were interested in continuing discussions with the Town regarding a long-term lease of our property at the corner of Central Blvd and Jupiter Park Drive for the siting of a Town Fire Station. Concern was expressed about annexing LRD property into the Town, but the Governing Board appeared willing to annex the 2-acres of leased property if the license agreement stipulates the property would be deannexed at the conclusion of the lease. LRD Board Members also denoted the need for any potential lease to be fair to both the Town and LRD, and assumed appraisals would be required to establish a fair value as the basis of anticipated lease payments.

The Town then had Parrish Edwards, Inc. conduct an appraisal and subsequently offered a monthly lease payment for the life of the 50-year lease (with no escalator). After considering the Town's offer and discussing it in one-on-one settings with individual Board Members, I informed the Town that the two parties differed too greatly to justify continuing negotiations. This decision was made particularly in the light of the Town's need to move forward expeditiously and the fact that the Town already owns a property that is suitable for locating the new fire station.

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

On April 24, Town of Jupiter Mayor Jim Kuretski emailed each LRD Governing Board member and myself. In the Mayor's email, he stated "I am soliciting the LRECD Board's expedited consideration of a Town of Jupiter request to acquire a two acre piece of LRECD owned property for a beneficial public purpose and use. We are endeavoring to select a site for a new JFRD fire station to serve the NW area of Jupiter. As we finalize our site selection process, it is my personal opinion that the LRECD owned property at the southwest corner of Jupiter Park Drive and Central Blvd. would be an ideal location." And Mayor Kuretski requested an opportunity to meet in-person with LRD Board Members.

On the following Monday, Mr. Boggie and I met with Mayor Kuretski. Mayor Kuretski outlined the reasons why he believes the northeast corner of 2500 Jupiter Park Drive are the ideal location for the Town's new fire station. He acknowledged that the Town's offer may not have been acceptable, and requested to know what offer would be acceptable to the LRD Governing Board. Mayor Kuretski also stated that time is of the essence, but at this point the Town simultaneously can work multiple paths (i.e., LRD's property and the Town's property) to further pursue the ability to use our property.

Given the importance of valuation, I have reached out to Callaway & Price, Inc. to obtain our own independent appraisal of our property, which I expect will be available in one month.

The results of our site planning for 2500 Jupiter Park Drive show that the northeast corner of 2500 Jupiter Park Drive will not be needed to serve critical utility functions for 30 to 50 years. Therefore, I believe we have the reasonable capacity to consider the Town's request to lease 2-acres for their new fire station. Nonetheless, I believe the Governing Board needs to consider the following factors:

1. Does the Governing Board have a preferred use for this property?
 - a. maintain as is;
 - b. long-term lease of property to the Town;
 - c. long-term lease of property to maximize revenue;
 - d. develop facilities on the property and lease those improvements to maximize revenue;
 - e. other
2. If the Governing Board is willing to consider leasing this property to the Town of Jupiter, is there a preferred lease payment arrangement?
 - a. pay full appraised value up front as a lump sum payment,
 - b. pay a discounted value,
 - c. pay in annual instalments with an escalator,
 - d. other

Conceptual Plan - Public Safety Facility at Loxahatchee River District

The designs shown on this plan are purely conceptual in nature.

Planned Intersection Improvements



Conceptual View of Fire Station



Approximately: 7,000 sq ft 2 story building; 2.0 acre site;
36 parking spaces; 29,850 sq ft impervious area;
5,500 sq ft pervious parking area

Conceptual Entry Gateway



Monument sign, flagpoles, and future beautification along Central Blvd.

Conceptual Community Room



Community meetings and training for approximately 30 people (CPR, neighborhood meetings, fire safety awareness).

Joint training and meeting space for LRD/ JFRD collaboration efforts.



Neighborhood Sewering Schedule-Revised February 2020

Rank *	Area Description	# Lots	Activity	Original Target Date	Revised Target Start Date
11	Jupiter Farms (East)	708		TBD	TBD
11	PB Country Estates	1547		TBD	TBD
21	Indian Hills	12	Notified Owners – January 2016 Property Records Review Determined Lots Abut US1 Right Of Way Sewer Options and Cost Estimates Mailed to Owners - March 2024		

* Rank based upon "2010 Septic System Inventory & Assessment"
TBD = To be determined

Remnant Areas

Rank*	Area Description	# Lots	Activity	Original Target Date	Revised Target Start Date
	605+607 Military Trl (LP)	2	Notified Owners – June 2020 Notice of Intent – Jan 2021	2022	
	18030 69 th Terrace	1	Application for developer project made Comments on plans being addressed by applicant		
	SE Island Way Property	2	Notice of Intent – August 2022 Permitting Complete Under Construction	N/A	2023

Rank *	Area Description	# Lots	Activity	Original Target Date	Revised Target Start Date
AA	Peninsular Road	4	Private Road Notice of Intent – February 2010 Partial construction complete - June 2013 Soliciting easements for remainder of project 1300 Peninsular Rd – Application/Plans Approved – project under construction	2010	AEO
BB	Rivers Edge Road (Martin Co.)	35	Notified Owners – August 2010 Private Road-Easements Solicited –May 2014 Notice of Intent – February 2014 Project Delayed	2013	AEO
CC	171 st Street (Martin Co.)	7	Private Road - In House Design Owners notified October 2012 Easement rec'd from Church – April 2017 Grant received	2014	AEO
D	Loggerhead Park <i>(institutional)</i>	6 ECs	Need Easements from County-No database	2014	AEO
DD	Taylor Road	38	Notified Owners – September 2011 Private Roads	2015	AEO
FF	North A1A	3	Postponed-Town activities in area No database	2012	AEO
GG	815 S US 1	9 ecs	Notified Owner – November 2014	2016	AEO
GG	Rockinghorse <i>(north of Roebuck Road)</i>	11	Notified Owners – January 2013	2018	AEO
GG	SE Castle Rd	5	Notified Owners – Jan 2013-private road	2018	AEO
GG	SE Jupiter Rd	4	Notified Owners – Jan 2013-private road	2018	AEO
HH	Harbor Rd. S. LPSS	6	Notified Owners – January 2014-private road Statutory Way Provision – May 2023 (1 lot) Under Construction Notice of Intent – May 2024	2017	AEO
16	Limestone Creek Road West	49	Notified Owners – January 2013-private road	2018	TBD
19	US Coast Guard Station Offices <i>(institutional)</i> PX Commercial <i>(commercial)</i>	2 ECs 2 ECs	US Government - private roads-No database Contract for installation of sanitary sewers – September 2020 Project Under Construction Plans in Permitting	2019	2021
	109 Old Jupiter Beach Road	1	Notified Owners – September 2021 Follow Up Reminder – July 2022 Constr. Plans In Redesign Per Owner – Sept. 2023		
	182 nd Road North	12	Sewering Pricing Request by 50% of Owners Conceptual Design/Cost Est. - provided June 2023		
	N 65 th Terrace & N 195 th Place	9	Statutory Way Provision Available 6604 N 195 th Place Sewering Request Mar. 2024 Notice of Intent – May2024		
	Jonathan's Landing Guard House	1	Proposed Upgrades will include sewerage Project plans approved- under construction		

* Rank based upon "2010 Septic System Inventory & Assessment
TBD = To be determined AEO = As easements are obtained

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

SHENKMAN & SHENKMAN P.A.
4400 PGA BLVD, SUITE 300
PALM BEACH GARDENS, FLORIDA 33410
TELEPHONE (561) 822-3939
Curtis@PalmBeachLawyer.Law

LEGAL ASSISTANTS
REAL ESTATE
JAMIE KEELAN
CAROLINA INMAN
DENISE B. PAOLUCCI

May 9, 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.

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 -collection from Sonoma Isles HOA.

- Nov. 6, 2023 LRD Attorney Demand Letter to Sonoma Isles HOA
- Dec. 28, 2023 Letter from Attorney for DiVosta of Assignment to Sonoma Isles HOA
- Dec. 29, 2023 LRD Attorney Demand Letter to Sonoma Isles HOA & Attorney
- Feb. 1, 2024 LRD Attorney Demand Letter to Sonoma Isles HOA Attorney with evidence and documentation going back to 2006 to justify the \$88,180.38 Due to LRD.
- Feb. 28, 2024 LRD Attorney Demand Letter to Sonoma Isles HOA Attorney confirming Sonoma Isles HOA in settlement discussions with DiVosta Homes, LP, including the funds owed to LRD. Confirmation with Attorney for DiVosta Homes, LP.
- Mar. 15, 2024 LRD Attorney requiring and receiving written confirmation from both the attorneys for Sonoma Isles and for DiVosta Homes that the parties are engaging in meaningful legal settlement negotiations that include having the LRD paid for delinquent IQ water billings.
- May 10, 2024 LRD Attorney & Sonoma Isles Attorney settlement conference scheduled.

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.

- 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 2024 LRD 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.

LIEN FORECLOSURES

NONE

MORTGAGE OR LIEN FORECLOSURES / LRD COUNTERCLAIMS/CROSSCLAIMS

NONE

Loxahatchee River Environmental Control District

Monthly Status Report

May 1, 2024

Submitted To: Kris Dean, P.E., Deputy Executive Director

The following is a summary of work performed by Baxter and Woodman, Inc. (B&W), on District projects for the monthly period ending April 30, 2024.

Lift Station Control Panels & RTU Upgrades

- Final submittal to LRECD on April 30, 2024.

Irrigation Quality 518 (IQ-518) Electrical and I&C Assessment

- Final submittal to LRECD on April 2, 2024.
- LRECD Confirmed that the Final document was acceptable and the project is deemed complete on April 12, 2024.
- Survey CAD file loaded to OneDrive for LRECD on April 12, 2024.

Anaerobic Selector Zone Pilot Test

- Continued effort to get an updated proposal from EnviroMix and prepare an amendment for a sub-contract agreement for pilot testing work reflecting the revised Board meeting schedule.
- Overall pilot cost development.

Clarifier No. 4 Condition Assessment

- Completed kick-off meeting and the inspection on January 24, 2024.
- Draft report submitted March 27, 2024.
- Inspection **with the clarifier equipment manufacturer's representative** is scheduled for April 9, 2024.
- **Received LRECD's review** comments on the draft technical memorandum on April 15, 2024.
- **Incorporated and responded to LRECD's review comments on the draft technical memorandum on April 24, 2024.**
- Preparing to submit the final technical memorandum by May 5, 2024 based on when the cost estimate is received from OVIVO.

Irrigation Quality 511 (IQ-511) Pump Station Electrical and I&C Assessment

- Kick-off Meeting held and meeting minutes issued on April 2, 2024.
- Site visit completed on April 5, 2024.
- Request for O&M documentation made on April 23, 2024.

Headworks Facilities, Diversion Structure A, and Diversion Structure B Rehabilitation

- Received signed Purchase Order on April 29, 2024.
- Pending Kick-off Meeting.



Vac-Con Dump Pit Improvements

- LRECD requests a proposal to develop a preliminary cost estimate for proposed improvements and a site visit on April 15, 2024.
- Site visit performed with LRECD on April 23, 2024.

Respectfully Submitted by:
BAXTER & WOODMAN, INC.

A handwritten signature in blue ink, consisting of several overlapping loops and lines, positioned above the typed name.

Sira "Jockey" Prinyavivatkul, P.E.
Florida Water/Wastewater Department Manager

**Loxahatchee River Environmental Control District
CMA Project Status Update
May 5, 2024**

1. 2500 Jupiter Park Drive Conceptual Site Planning

Activities Performed:

- Conducted kickoff meeting.
- Environmental field work was performed, report submitted, comments received from LRD, revised report submitted.
- Staff and Board survey were performed.
- Existing site base plan was prepared.
- A review of adjacent stormwater permits was performed.
- Site concept plans were prepared.
- Site visits and meeting with LRD were conducted to review survey results and concept plans.
- Presented survey results and concept plans to the Board.
- Submitted data request to LRD for massing study and received results. Provided LRD with initial space calculations.
- Reviewed WWTF capacity expansion goals with LRD. Submitted memorandum on the WWTF future space to LRD.
- Submitted draft Site Security memorandum, received comments from LRD, and submitted final memorandum.
- Draft massing concepts were presented to LRD at the meeting.
- LRD comments were incorporated, and a revised massing study was submitted.
- LRD provided comments on the revised massing study.
- Revised massing study submitted.
- Draft site plans submitted and comment received. Comment responses issued.
- Site planning memorandum drafted. Holding document submittal for confirmation on some of the key site plan concepts.
- Met with LRD staff to discuss comments and confirm concepts. CMA submitted additional information to follow up discussion at this meeting.
- Additional utility information provided by LRD.
- Site plans, massing study and site planning memorandum submitted.
- Comment responses provided to LRD.
- Meeting conducted to review comments.
- Sample revised site plans submitted to LRD for review of label/color schemes.
- Report and site plan resubmitted to LRD. Comments provided by LRD and conducted meeting to review comments.
- Final report and site plan revisions submitted.



HOLTZ CONSULTING ENGINEERS, INC.
270 South Central Boulevard, Suite 207, Jupiter, FL 33458 (561) 575 2005

MEMORANDUM

To: Kris Dean, PE, Deputy Executive Director, Loxahatchee River Environmental Control District
From: Christine Miranda, PE, Holtz Consulting Engineers, Inc.
Date: May 9, 2024
Subject: **Loxahatchee River Environmental Control District Monthly Status Report**

The following is a summary of work performed by Holtz Consulting Engineers, Inc. (HCE) on Loxahatchee River District projects through May 9, 2024. **Note: Any information that is historical or repeated from previous months are shown in italics. Otherwise, all information as shown below is newly reported information.**

Lift Station No. 082 Improvements

- A progress meeting was held with the Contractor on April 11, 2024. Since the meeting there has been several requests to the Contractor for updates and a schedule. As of May 7, 2024 the Contractor has stated to HCE that they are currently working to identify crew availability and send a revised schedule. HCE is currently working on preparation of a timeline of events from the issuance of the last change order to review the Contractor's progress towards actively making an effort to commence construction on the project.

Schedule Update:

The revised and current contract completion date is August 12, 2024.

Country Club Drive Force Main Transmission System Preliminary Evaluation

- *The District is currently reviewing the different methodologies that can be utilized for flow projections and will be providing feedback to HCE for finalization of the technical memorandum.*

Schedule Update: *Per the work authorization agreement, upon receipt of final information from the District on the draft memorandum, the final memorandum will be prepared and submitted within two weeks.*

Lift Station Telemetry Improvements

- To date, the Contractor has installed new RTU panels, conduit and probes at approximately 97% of the total lift stations and each of these have had a punch list completed for site items. HCE has coordinated with Revere to obtain site visit videos for two (2) new sites added to the project, processed pay applications, and developed an electrical plan with electrical engineering subconsultant C&W Engineering for LS193. HCE continues to support the



Contractor in obtaining Palm Beach County right-of-way permits and facilitating coordination with HOA representatives. Many sites have had site work punch list items completed and will be reviewed once all sites are ready.

Schedule Update: *Change Order #8 for the Contract was executed by the District on March 28, 2024. This change order extended the Substantial Completion date to September 30, 2024 and Final Completion date to December 4, 2024.*

Injection Well Pump Manual Transfer Switch Addition

- The Contractor has completed all punch list items to the satisfaction of the District and Engineer with the exception of the rework on the concrete slab. We are currently working with the Contractor to address this item to a resolution.

Lift Station No. 050 Emergency Generator

- HCE submitted the 100% submittal to District staff on April 26, 2024. The project is scheduled to be advertised for bidding on June 16, 2024 with bids due on July 23, 2024.

Anaerobic Digestion and Biogas Utilization Study

- Comments on the draft technical memorandum were received on April 12, 2024. A review meeting was held on April 24, 2024. Hazen is currently working on addressing the comments and finalizing the memorandum.

Emergency Response ESRI Collection Tool & Synovia Vehicle Tracking Assistance

- *No new activities have occurred for this work.*

**Loxahatchee River Environmental Control District
9278 Indiantown Road/20 Acre Site
Phase I – Remediation
LRECD PO#23-804 / KCI 482021095.02**

Progress Report

To: Mr. Kris Dean, P.E., Deputy Executive Director/Director of Engineering
From: Robert Zuccaro, PE, Env SP KCI Sr. Project Manager
Date: May 1, 2024

ACTIVITIES

KCI Technologies progress report updates for the current billing period are:

Activities and Support:

- Task 1 - **Kick Off Meeting:** 100% Complete
- Task 2 - **Data Collection:** 100% Complete
- Task 3 - **Schematic Design Plan:** *100% Complete
- Task 4 - **Design Development Plan:** 98%
- Task 5 – **Meetings:** 42%
- Task 6 – **Construction Document Plans:** 60.5% Complete
- Task 7 – **Final Bid Documents:** 54%
- Task 8 – **Bid Assistance:** 0%
- Task 9 – **Project Schedule and Monthly Reports:** 67%
- Task 10 – **Site Plan:** *25%
- Task 11 – **Site Plan -Building Permit Processing:** *2%

*Note that Tasks 3, 10 and 11 have increased scope and fee due to supplemental work order for amenities added per approved grant funds (Amendment No.1)



Project Schedule
Date: 05/01/24

Task		Inactive Task		Manual Summary Rollup		External Milestone		Manual Progress	
Split		Inactive Milestone		Manual Summary		Deadline			
Milestone		Inactive Summary		Start-only		Critical			
Summary		Manual Task		Finish-only		Critical Split			
Project Summary		Duration-only		External Tasks		Progress			

May 4, 2024

Re: ***County Line Road Reclaimed Water Main Relocation/R23007
Project Update***

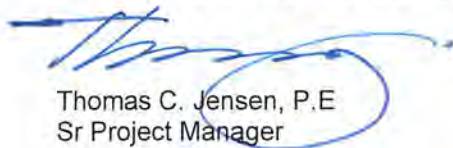
1. **For April 2024, the following was completed.**

- ACOE permit application was resubmitted.
- ACOE assigned a reviewer, they called us to discuss project and reason why project was delayed.
- Received a call from FDEP regarding our request for an "Emergency Proprietary Authorization". They advised us that they need an additional 30 days, 7-days for State Lands review of our legal description and sketches, and 21-days to cover the noticing requirements. We accepted that on April 24th.

2. **For May 2024, we will be doing the following.**

- Continue discussion with ACOE with intent for permit to be issued end of May.
- Continue discussion with FDEP to ensure they meet their 30-day obligation as noted above.
- With confirmation of both ACOE and FDEP permits being issued by end of May, revise project schedule, and start bid coordination with LRD staff.

KIMLEY-HORN AND ASSOCIATES, INC.



Thomas C. Jensen, P.E.
Sr Project Manager



May 6, 2024

Re: ***R24039/AC FORCE MAIN REPLACEMENT
A1A FROM JUPITER BEACH ROAD TO INDIANTOWN ROAD
Project Update***

1. **For April 2024, the following was completed.**

- Conducted Kickoff meeting with LRD staff on April 10th.
- LRD issues NTP on April 10th.
- KHA staff coordinating work with survey subconsultant, Caufield & Wheeler.

2. **For May 2024, we will be doing the following.**

- Survey will be complete by end of May.
- KHA to commence with 30% design plans.

KIMLEY-HORN AND ASSOCIATES, INC.



Thomas C. Jensen, P.E.
Sr Project Manager



May 9, 2024

Mr. Kris Dean, P.E., Deputy Executive Director/Director of Engineering
Loxahatchee River Environmental Control District
2500 Jupiter Park Drive
Jupiter, FL 33458

Ref. No.: C0089.40

Subject: Loxahatchee River Subaqueous Forcemain Replacement (PO No. 22-0911)

Dear Kris:

Below is our Monthly Update through May 9, 2024.

- **FDEP Permit Application (No. 50-0433593-001-EI):** Permit issued.
- **USACE Permit:** Permit issued.
- **Bid Documents Submission:** Complete documentation, including Drawings, Specifications, EOPCC, and Bid Items, was submitted to LRD on May 7th.
- **Advertising for Project Bids (LRD):** LRD to advertise the project for bid.
- **Expected Award of Construction Contract:** Anticipated at the Board Meeting on July 18, 2024.

Sincerely,
Mock, Roos & Associates, Inc.

John Cairnes, P.E.
Senior Project Manager

GGG:jsj

Copies: Garry G. Gruber, P.E.
Spencer Schroeder, P.E.
Tyler Thompson, P.E.



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

To: Governing Board
 From: Kara Fraraccio, Director of Finance and Administration
 Date: May 10, 2024
 Subject: Monthly Financial Report

Cash and Investments Balance

Balance as of April 30, 2024

Institution	Rate	Book Value	Monthly Change in Investment	Market Value
U.S. Treasuries:				
U.S. Treasuries - Due 05/02/24	5.34%	\$ 1,499,247	\$ 6,683	\$ 1,518,777
U.S. Treasuries - Due 06/30/24	5.47%	8,041,212	12,724	8,072,073
U.S. Treasuries - Due 09/26/24	5.36%	7,905,622	31,004	7,936,626
Subtotal		\$ 17,446,081	\$ 50,411	\$ 17,527,476
Investment Accounts:				
Florida Prime - SBA	5.52%		\$ 42,190	\$ 9,339,448
Florida FIT - Preferred Cash Pool	5.27%		29,344	6,807,496
Bank United - Public Funds Reserve	4.88%		8,566	2,145,827
Subtotal			\$ 80,100	\$ 18,292,771
Cash Account:				
Truist-Hybrid Business Account	3.30%		\$ 16,561	\$ 4,916,336
Subtotal			\$ 16,561	\$ 4,916,336
Total			\$ 147,072	\$ 40,736,583

Investment Policy Compliance

Performance Measurements

Average weighted rate of return on investments is: 5.13%. As of 04/30/24, 3-month U.S. Treasuries were 5.25% and the 1-month Federal Fund Rate was 5.33%. The District's average weighted rate of return on investment of 5.13% is lower than our benchmark because we have nearly \$5 million in our business checking account, which earns just over 3%.

Stephen B. Rockoff
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

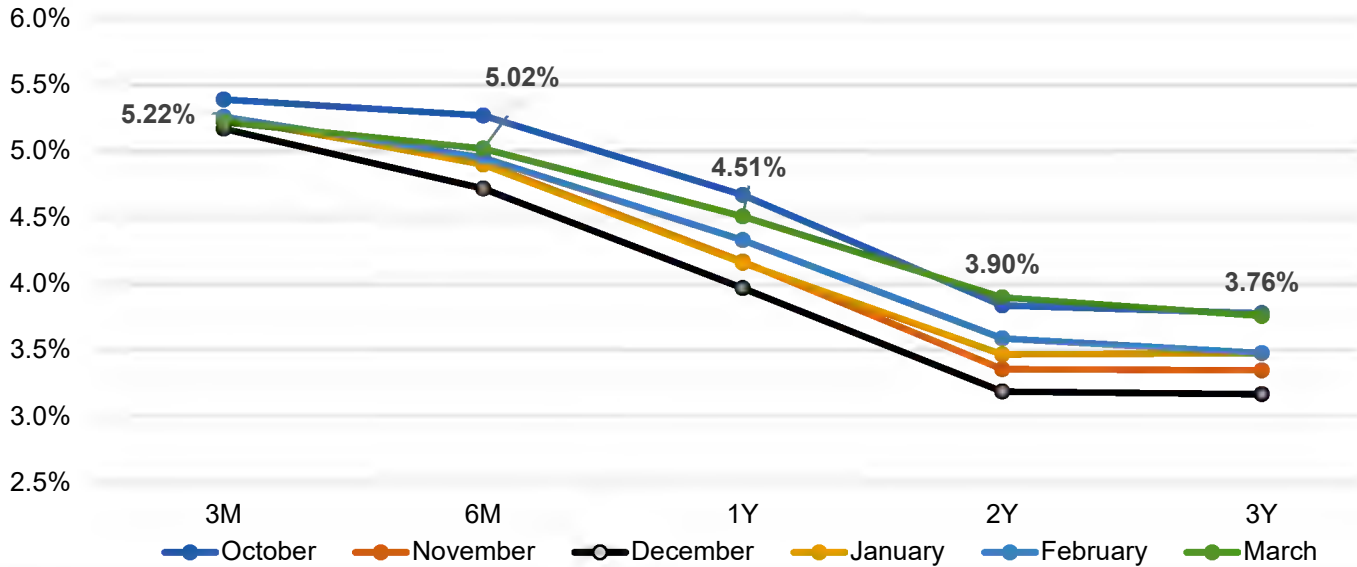
Gordon M. Boggie
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Clinton R. Yerkes
BOARD MEMBER

At this time staff believes it is still best to invest in short term maturities as short-term rates are higher than long term rates (e.g. the May 6th, 3-Month treasury rate of 5.25% vs. the 2-Year rate of 4.82%). This inverted yield curve is shown in the chart below. We will continue to monitor the yield curve and evaluate our options during this abnormal market.

Market Expectations for U.S. Federal Reserve Rate



*Data as of March 31, 2024.

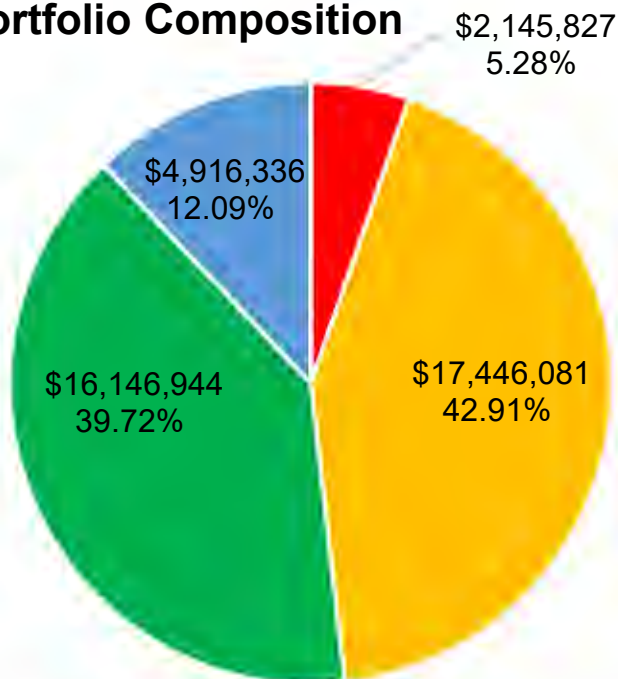
Portfolio Composition

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.

Portfolio Composition

Investment Type and Max Allowed

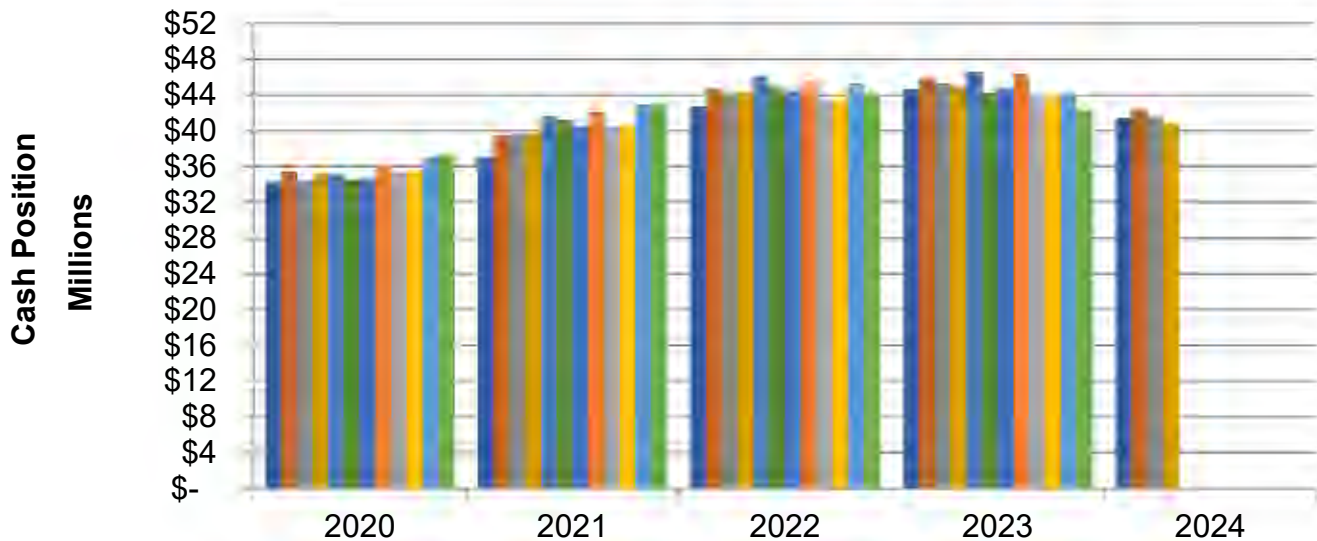
- QPD Money Market - 100%
- U.S. Treasury - 100%
- Local Government Investment Pool - 50%
- QPD Hybrid Checking Account - 100%



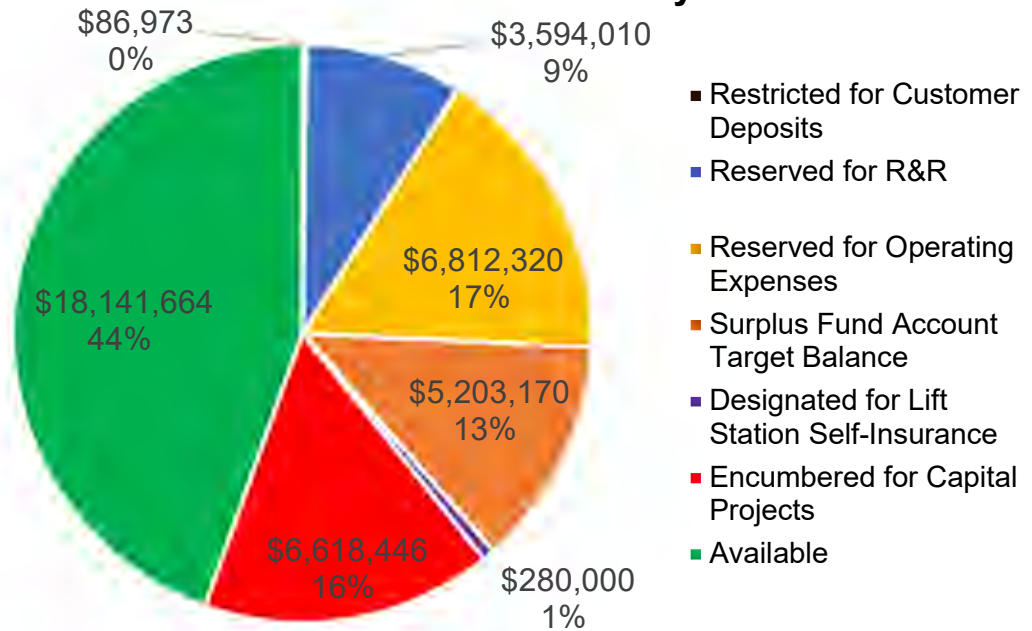
Cash Position

Cash position for April 2023 was \$44,973,518. Current Cash position is down by \$4,236,935.

Cash On-Hand



Cash Reserve vs. Available Summary



Financial Information

- Legal fees billed in April totaled \$15,355. The fiscal year-to-date total is \$48,955.
- Estoppel fees collected in April totaled \$7,575. The fiscal year-to-date total is \$39,185.
- There was no septage billing in April.
- Developer’s Agreement – There were no new Developer’s Agreements in April.
- I.Q. Water Agreements – Sonoma Isles is past due for 12 months (May 2023-April 2024) and Canterbury and Workplace FL are past due for April.

Summary of Budget vs. Actual

Budget Benchmark
58.33%

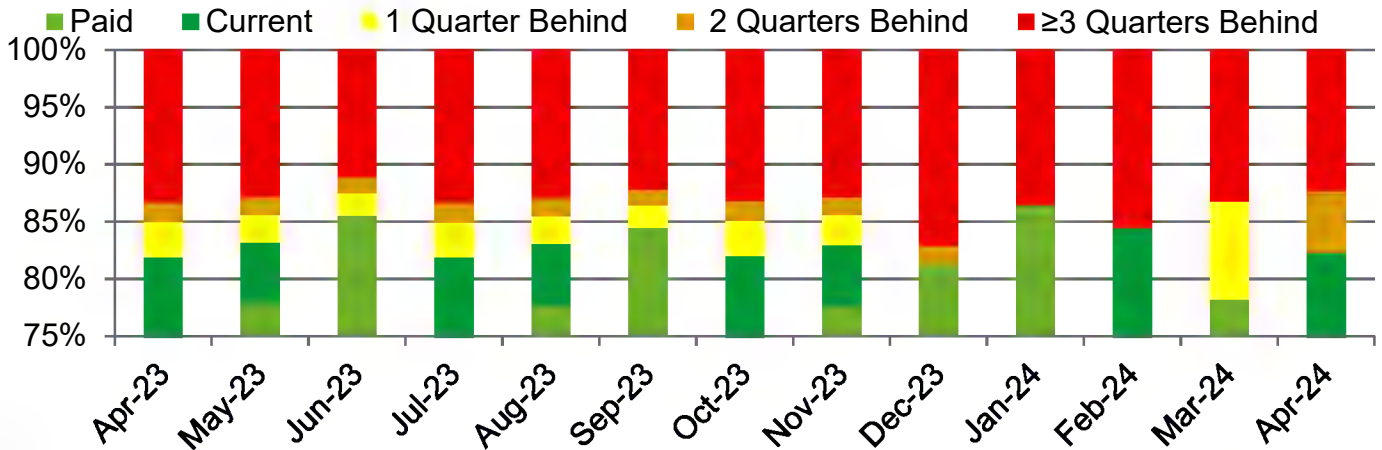
	Apr-24 Actual	YTD Actual	FY 24 Budget	Favorable (Unfavorable)	Budget Expended	Apr-23 YTD
Revenues						
Operating Revenues						
Regional Sewer Service	\$ 1,558,409	\$ 10,905,452	\$18,528,000	\$ (7,622,548)	58.86%	\$10,328,550
Standby Sewer Service	8,974	67,442	79,000	(11,558)	85.37%	62,732
IQ Water Charges	210,036	1,409,608	2,417,000	(1,007,392)	58.32%	1,367,628
Admin. and Engineering Fees	1,080	10,424	80,000	(69,576)	13.03%	20,084
Other Revenue	42,148	348,786	511,285	(162,499)	68.22%	279,426
Subtotal Operating Revenues	1,820,647	12,741,712	21,615,285	(8,873,573)	58.95%	12,058,420
Capital Revenues						
Assessments	\$ 105,529	\$ 1,034,152	1,082,000	(47,848)	95.58%	1,143,850
Line Charges	7,468	73,188	450,000	(376,812)	16.26%	125,351
Plant Charges	22,132	258,502	700,000	(441,498)	36.93%	282,385
Capital Contributions			250,000	(250,000)	0.00%	959,625
Subtotal Capital Revenues	135,129	1,365,842	2,482,000	(1,116,158)	55.03%	2,511,211
Other Revenues						
Grants			100,000	(100,000)		5,126
Interest Income	126,506	1,639,314	1,847,400	(208,086)	88.74%	1,332,475
Subtotal Other Revenues	126,506	1,639,314	1,947,400	(308,086)	84.18%	1,337,601
Total Revenues	\$ 2,082,282	\$ 15,746,868	\$ 26,044,685	\$ (10,297,817)	60.46%	\$ 15,907,232
Expenses						
Salaries and Wages	\$ 549,796	\$ 3,962,431	\$7,863,800	\$ 3,901,369	50.39%	\$3,785,590
Payroll Taxes	40,319	283,788	559,200	275,412	50.75%	270,910
Retirement Contributions	82,747	610,820	1,204,100	593,280	50.73%	538,138
Employee Health Insurance	127,870	926,061	1,995,200	1,069,139	46.41%	932,596
Workers Compensation Insurance		64,135	75,800	11,665	84.61%	54,492
General Insurance	1,763	485,652	499,730	14,078	97.18%	442,808
Supplies and Expenses	76,334	666,117	1,243,362	577,245	53.57%	677,090
Utilities	138,160	944,157	1,860,071	915,914	50.76%	956,064
Chemicals	39,011	308,867	519,000	210,133	59.51%	328,774
Repairs and Maintenance	193,850	1,382,002	2,088,909	706,907	66.16%	1,016,534
Outside Services	173,874	1,326,118	2,302,800	976,682	57.59%	1,216,249
Contingency			225,000	225,000	0.00%	
Subtotal Operating Expenses	1,423,724	10,960,148	20,436,972	9,476,824	53.63%	10,219,245
Capital						
Capital Improvements	\$ 852,269	\$ 5,587,788	12,697,473	7,109,685	44.01%	3,514,606
Subtotal Capital	852,269	5,587,788	12,697,473	7,109,685	44.01%	3,514,606
Total Expenses	\$ 2,275,993	\$ 16,547,936	\$ 33,134,445	\$ 16,586,509	49.94%	\$ 13,733,851
Excess Revenues						
Over (Under) Expenses	\$ (193,711)	\$ (801,068)	\$ (7,089,760)	\$ 6,288,692		\$ 2,173,381

Total Capital expenses incurred and encumbered totalled \$11,446,196 or 90.15% of the capital budget. This includes funds encumbered in a prior fiscal year for projects that stretch across multiple fiscal years.

Accounts Receivable

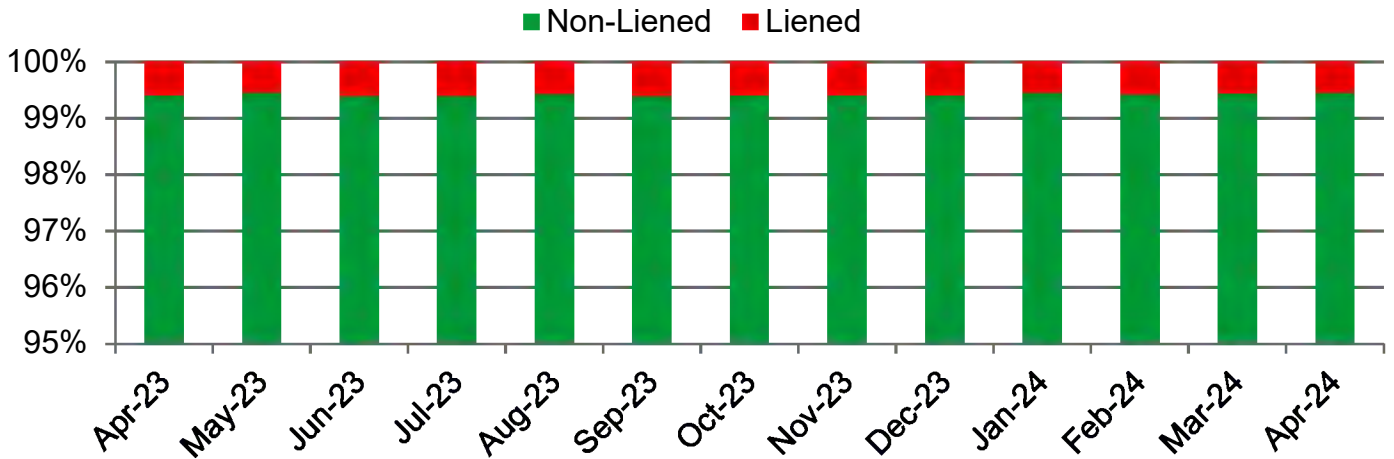
The District’s second quarter billing was \$4,676,177, of this amount \$3,733,013 represents customer balances that are either paid or current. The chart below illustrates customers’ receivable status as a percentage of quarterly sewer billing. Paid or current balances represent approximately 80.0% billing.

Customer Status



The District serves approximately 33,429 customers. Currently, the District has 185 liens filed which represent approximately 1.0% of our customers.

Liens Filed



Pending/Threatened Litigation

- No pending or threatened litigation.



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrej Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: GOVERNING BOARD
FROM: D. ALBREY ARRINGTON, Ph.D.
DATE: MAY 1, 2024
SUBJECT: RATE STUDY CASH AVAILABLE FOLLOWUP

In March staff disclosed to the Governing Board that the Rate Study had been systematically underrepresenting the amount of cash available at the end of prior and future fiscal years. During the March Board meeting, we showed charts that documented the duration and magnitude of the issue and discussed elements contributing to this underreporting of cash. This memo is being provided to document that staff have solved this issue and have implemented steps in our Rate Study standard operating procedure (SOP) to keep this from happening in the future.

The primary issue is that the Rate Study uses figures from our audit, which is developed using an “accrual basis”, but Kara’s finance memo is developed using a “cash basis” for reporting. In addition, we found some errors in values used in the Rate Study; the largest was a missing capital contribution of \$1.425 million in FY2023. Typically, capital contributions are fixed assets, which impact our gross and net fixed asset balances but not our cash balance. In 2023 the Bureau of Land Management paid \$1.425 million to reimburse us for construction of sewer facilities at the Jupiter Inlet Lighthouse Outstanding Natural Area. This cash contribution was erroneously not included as capital revenue and as such excluded from our Rate Study cash balance. After a comprehensive review, these issues have been identified and corrected, and staff are confident the Cash Projections in the Rate Study are correct.

To safeguard the integrity of the Rate Study in the future, we have revised the standard operating procedure for the Rate Study. The new process step in the annual Rate Study will be to revise “Cash Year End” for the fiscal year that just ended so that Cash Year End = Cash in Finance Memo on Sept. 30 minus current accounts payable plus current accounts receivable. Thus, annually the Rate Study Cash Year End value will be reconciled to our audited financials. Previously, this field was calculated based on the cash available at the end of the prior fiscal year plus the current year’s annual cash flow, i.e., surplus cash at the end of the fiscal year increased our available cash or deficit spending decreased our available cash. This prior method allowed discrepancies between the Rate Study and our audited financial statements to persist and compound. The new procedure will force an annual reconciliation between the audit and the Rate Study and will result in more accurate representation of the cash projections derived from the Rate Study.

Stephen B. Rockoff
CHAIRMAN

Kevin L. Baker
BOARD MEMBER

Gordon M. Boggie
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Dr. Matt H. Rostock
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BOARD MEMBER



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

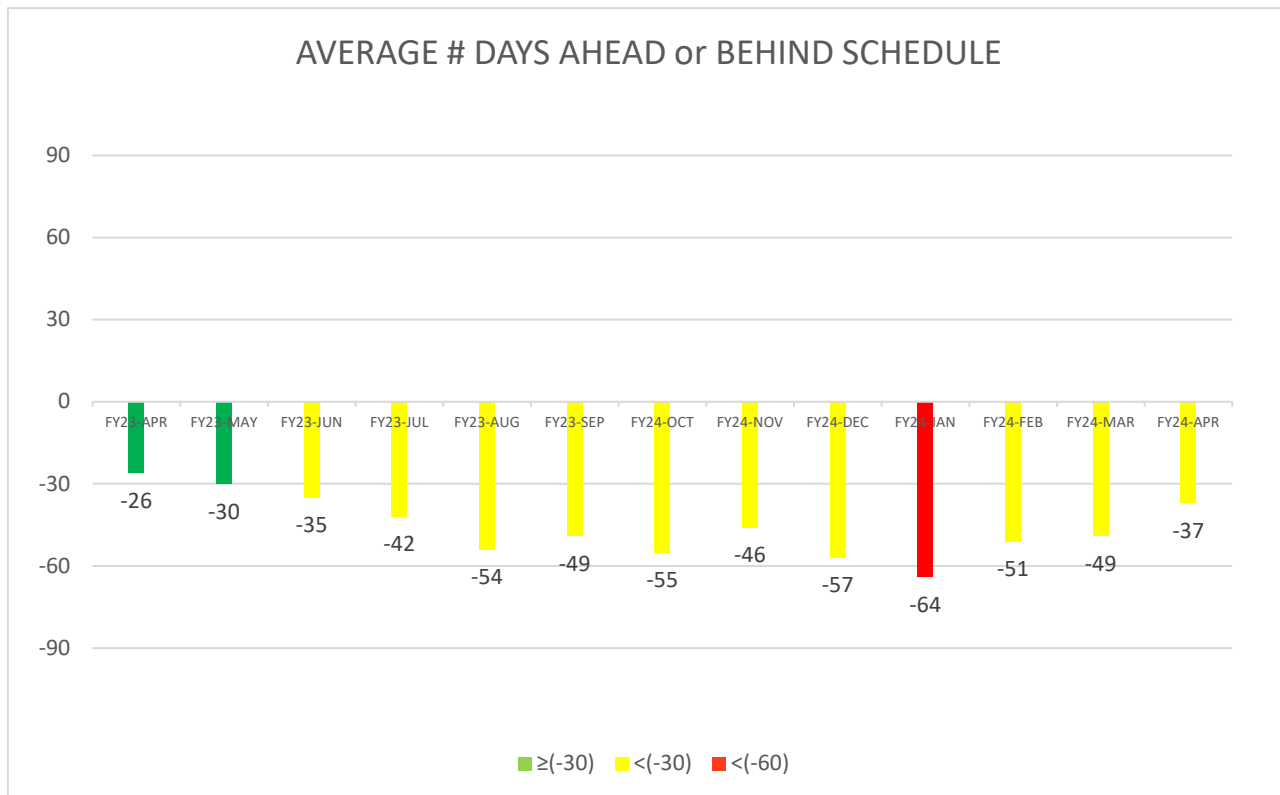
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MEMORANDUM

TO: D. Albrey Arrington, Ph.D., Executive Director
FROM: Kris Dean, P.E., Deputy Executive Director
 Courtney Jones, P.E., Director of Engineering
DATE: May 09, 2024
SUBJECT: Capital Program and Engineering Services Report

Capital Projects

Capital Schedule (FLOAT = -37 Days)



Stephen B. Rockoff
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Notable delays to the Capital Program are listed below.

N21008 – 2500 Jupiter Park Drive Site Planning - The third DRAFT Final Submittal was received and reviewed. Site plans and improvement budgets are provided in this month's notebook for discussion under Tab 6B.

R22012 – Control Panel Replacements and RTU Installations at 36 Stations - The consultant submitted final plans. Staff are reviewing and working on a bidding schedule.

R##### (Various projects) – Lining Program – While the majority of work has been completed, outstanding issues requiring contractor correction or District action need to be resolved. Staff are working with the contractor for resolution.

N21009 – Injection Well Pump Station Emergency Generator Connection - Staff held a coordination meeting with consultant and contractor. The contractor has two outstanding items on the punch list to be completed. Completion should occur in May and closeout will follow.

R23010 – WWTP Electrical Systems Upgrades – Phase 1 - Staff are currently working on alternate procurement options.

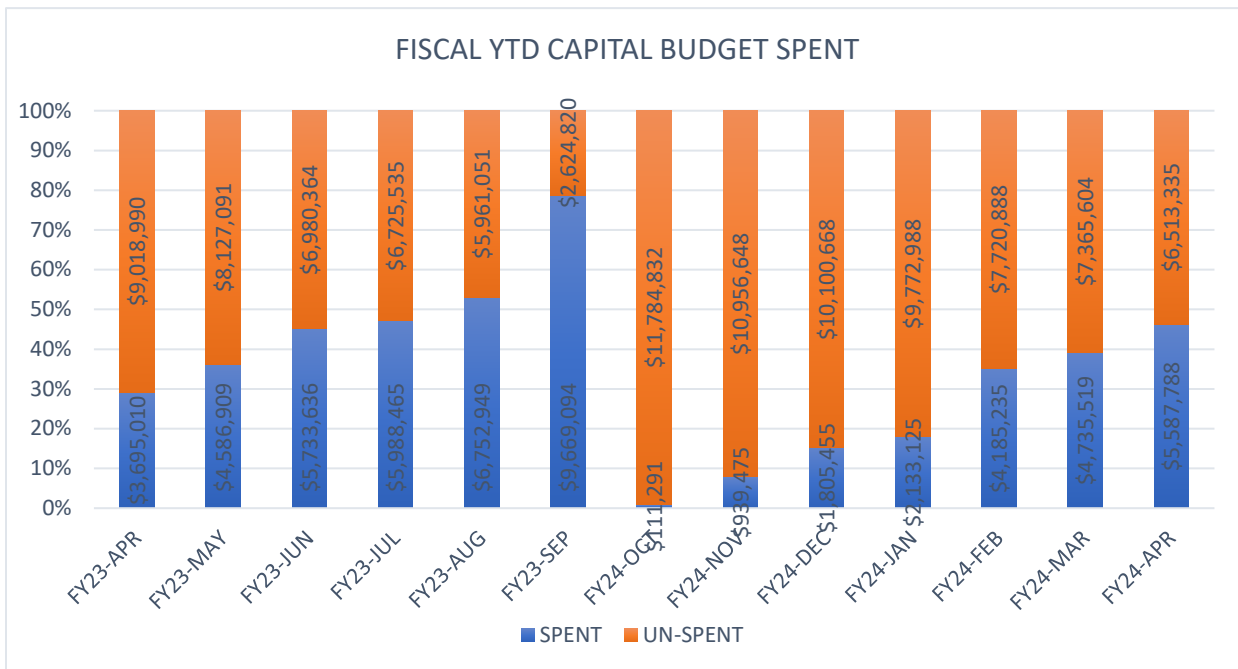
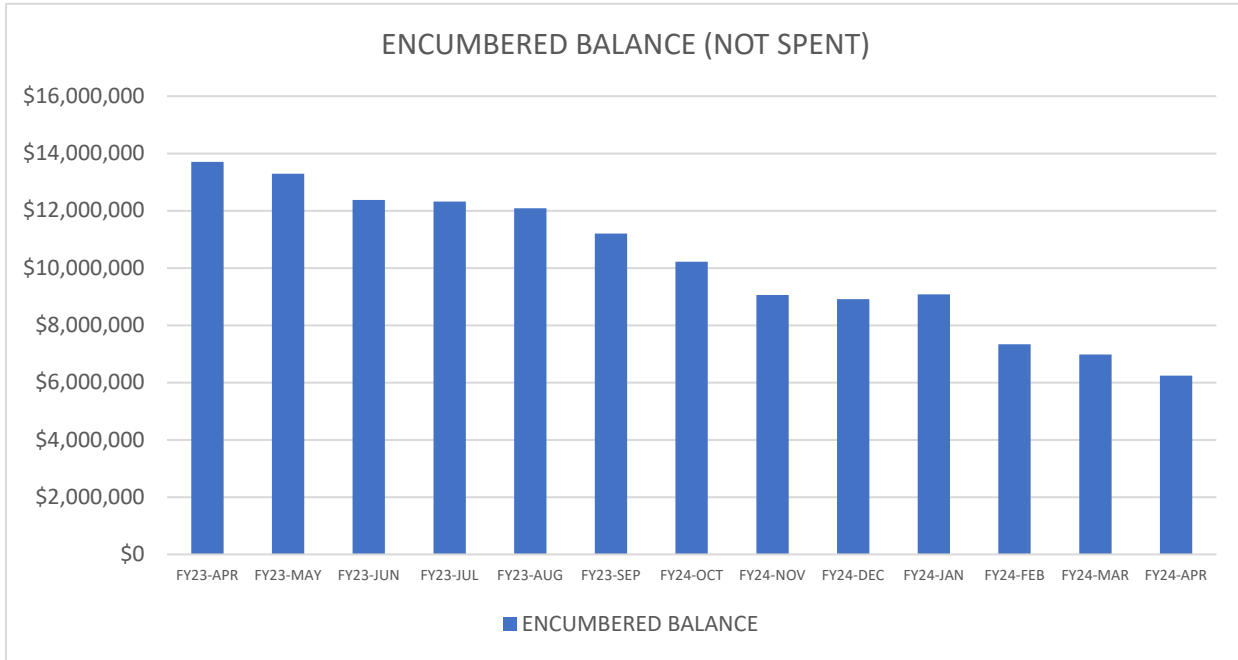
R19011 – Lift Station 082 conversion – Staff are working with the consultant, contractor and permitting agency to implement a schedule.

Construction delays have the largest impact to the negative float (64% from 16 projects total). Staff are working with consultants and contractors to close out punch list items and implement recovery schedules.

The overall negative (-) float is attributed to the following causes:

Construction Delays:	64%
Supply Chain Issues:	0%
Design/Permit/Bid:	1%
Late Start:	0%
Planning Contracts:	35%

Capital Budget



Project Updates

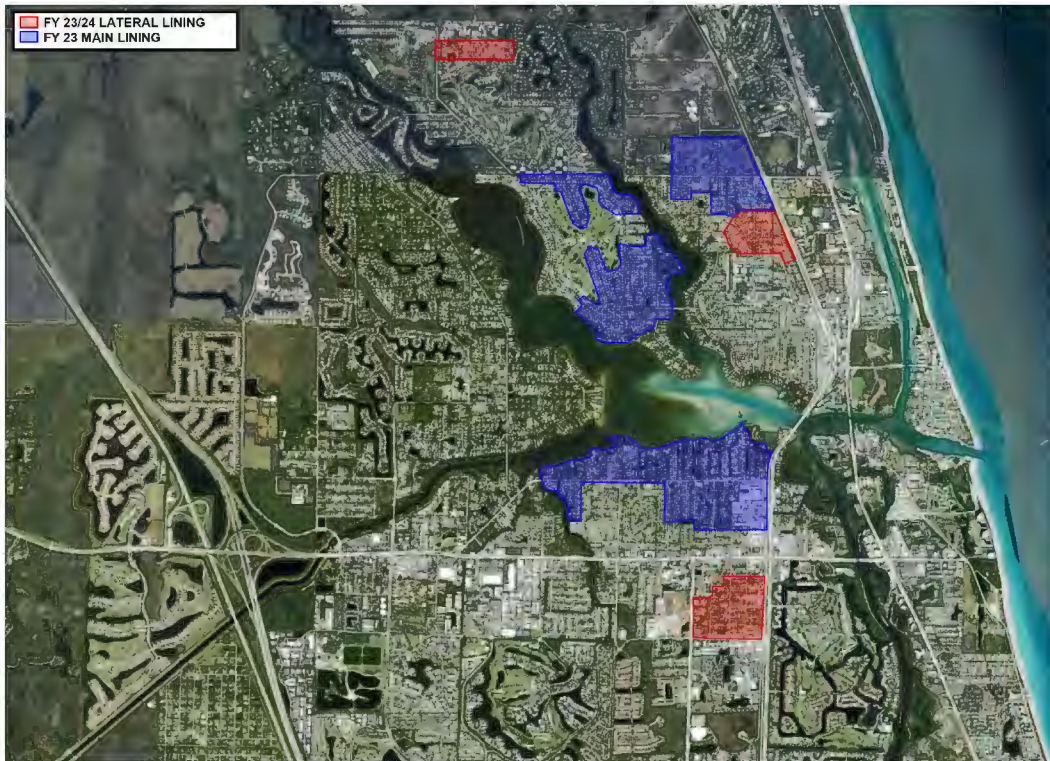
Science Center and Jupiter Inlet Lighthouse Outstanding Natural Area (aka: BLM House Renovations): Staff are evaluating alternate renovation approaches in-house based on revised layouts that have been coordinated with the River Center. Additionally, River Center staff are working on minimal site facilities to allow baseline programming to occur on the site. Facilities include a chickee hut and storage building, both of which are funded by a grant from the Bureau of Land Management. Also see Tab 5L-C1.

2500 Jupiter Park Drive Site Planning: See Tab 6B.

20 Acres/9278 Indiantown Road: The Board approved the DEP Grant Agreement for the LRPI funding to construct parking facilities, a chickee hut, and nature trails on the 20 acres site. The consultant is working on the revisions and coordinating with PBC Planning and Zoning for concurrency. See Tab 5L-C2.

In-house Projects

Gravity System Rehabilitation – Cleaning, TV Inspection and Lining:



Main lining work is complete in LS018, LS041, and LS054 systems.

The Board awarded lateral lining contracts for LS018, LS041 and LS054 in November 2022. A preconstruction meeting was held on January 11, 2023. The Contractor is currently working on lateral lining in all 3 systems.

The Board also awarded main lining contracts for LS050 in November 2022 and LS070 and LS071 in December 2022. Work commenced in January 2023. Main lining work in LS050 is completed. Main lining work in LS070 and LS071 is substantially complete and project is in punchlist/closeout with 1 remaining punchlist item to be completed.

In April 2023, the Board awarded a main lining contract for LS011, LS012, LS014, LS027 and LS190 collection systems. Contractor began cleaning and CCTV work in these systems in August 2023 and has started lining in these systems as of September 2023. Project is substantially complete with punchlist items remaining to reach final completion.

In November 2023, the Board awarded a lateral lining contract, which is planned to cover a portion of the LS050 system laterals. Pre-construction meeting was held on December 7, 2023. Construction commenced in March 2024. Refer to Tab 5-C for re-authorization for Phase 2 of this project.

Staff utilized a piggyback contract mechanism to contract for select main lining work identified by field inspections.

Pre-construction meeting held for CIPP lining of six (6) gravity mains (LS001-GL057, LS001-GL160, LS063-GL016, LS063-GL017, LS041-GL015, LS041-GL027) on September 29, 2023. Project is under construction with only LS063-GL016 and LS063-GL017 remaining to be lined.

Contractor General Services Work:

Lift Station Rehabilitations General Construction Services:

Lift Station	Inspection	Design	Procurement	Construction
230	COMPLETE	COMPLETE	COMPLETE	IN-PROCESS
148	COMPLETE	COMPLETE	IN-PROCESS	-----
152	COMPLETE	COMPLETE	COMPLETE	IN-PROCESS
169	COMPLETE	IN-PROCESS	-----	-----
081	COMPLETE	COMPLETE	IN-PROCESS	-----
167	COMPLETE	COMPLETE	IN-PROCESS	-----
072	COMPLETE	IN-PROCESS	-----	-----

Manhole Rehabilitation:

Staff utilized a piggyback contract mechanism to contract for select manhole rehabilitation work that has been identified per field inspections.

Pre-construction meeting for three (3) manhole rehabilitations (LS041-MH011, LS054-MH015, LS071-MH020) was held on October 5, 2023. Construction is in progress.

Collections System / Operations Rehabilitation:

Staff utilized general services contracts (20-007-WWRECGENCONSTR, 24-001-00131 WW / IQ General Construction Services, and 22-005-0115 GENERAL SERVICES – ELECTRICIAN SERVICES) to contract for the following collection system rehabilitation projects.

See Tab 5-K for re-authorization of additional funds for 24-001-00131 WW / IQ General Construction Services.

New General Electrician Services contract anticipated to be included on the June 2024 Board Meeting for award.

Pre-construction meeting for this work was held on June 14, 2023. The projects that are under construction / not yet completed are as follows:

- Abacoa Town Center Phase 2 – Maxicom Site 21 (ABS21) – replace breaker panel – Construction in-progress

Pre-construction meeting for this work was held on September 8, 2023. The projects that are under construction / not yet completed are as follows:

- IQ523 (105 Barbados Drive) – Replace breaker box at RTU panel – Construction in-progress
- LS066 (425 Beach Road) – Replace electrical conduit from FPL meter can to disconnect – Work scheduled for May 24, 2024.
- LS051 – Replace disconnect– Work Scheduled for May 24, 2024.

Pre-construction meeting was held on October 5, 2023. The projects that are under construction / not yet completed are as follows:

- 18345 SE Birdie Lane – repair stamped concrete driveway in Martin County R/W due to service lateral repair – Project currently in permitting.

Neighborhood Sewering/Remnant Properties:

109-111 Old Jupiter Beach Road: Re-design per the homeowner's request / easement provided for 109-111 Old Jupiter Beach Road is in progress. The project includes two services and low-pressure force main to be installed in existing roadway ingress/egress easement. Homeowners were provided information on 9/22/21 and 7/13/22. Homeowner at 109 Old Jupiter Beach Road has entered into an agreement, paid connection charges, and provided easement for preferred location of sewer facilities. Updated design drawings are complete. Design is complete and permits are in place. Project is in construction.

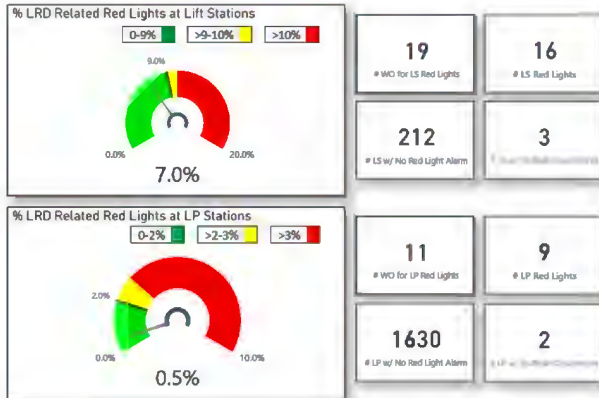
SE Indian Hills Drive: Staff held a neighborhood sewerage with the property owners and representatives of the POA on March 5, 2024 where 3 design alternatives were presented. The property owners requested a 4th design alternative which was provided on March 21, 2024. All property owners have provided the required easements and selected to proceed with Option 4. Project is currently in design. Also see Tab 5D.

Other: Staff are working with IT and customer service to confirm remnant sewerage and update priority listing based on property access rights.

COLLECTIONS AND REUSE

Lift Station Red Lights: This month the system experienced 30 total red lights. 19 lift station red lights (with 3 stations experiencing multiple red light events) and 11 low pressure red lights (with 2 stations experiencing multiple red light events).

Red Light Emergency Call Work Orders Dashboard
April 2024

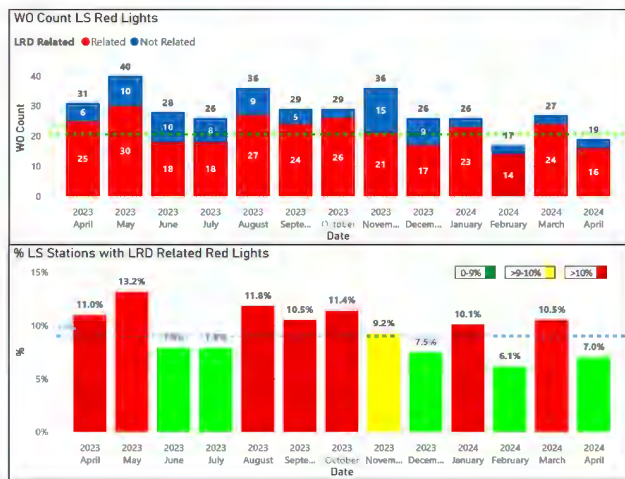


Red Light Emergency Call Work Orders Dashboard
February 2024 through April 2024

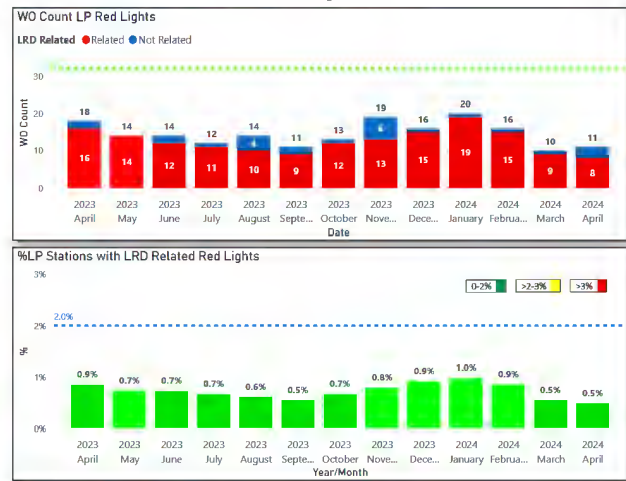


Work Order counts due to red lights exclude red lights due to FP&L power failure since staff have no mechanism to impact FP&L performance during inclement weather or other power outages. Staff continue to include FP&L power outages in the 3-month rolling average for repeat stations and work order counts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

Red Light Emergency Call Work Order Lift Station: Trend
4/1/2023 through 4/30/2024

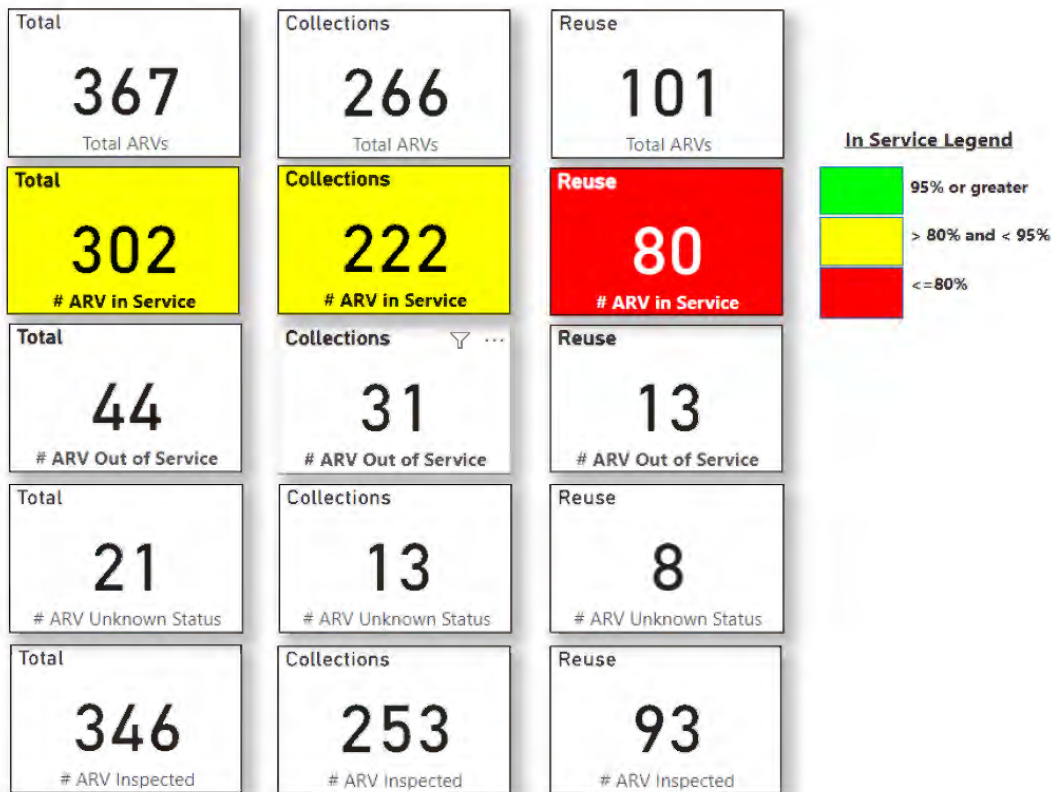


Emergency Call Work Order Low Pressure: Trend
4/1/2023 through 4/30/2024



Air Release Valves (ARV):

ARV Status Dashboard



Wet Well Cleaning:

Wet Well Cleaning Schedule: KPI

April 2024 through April 2024



UNAUTHORIZED DISCHARGES (fka SANITARY SEWER OVERFLOWS)

There was 1 unauthorized discharge in the collection-transmission-distribution system this month.

On April 6, 2024, the District had an unauthorized discharge of 2,858 gallons of sewage from an air release valve (LS130-VLA19) manhole located on US 1, in Jupiter, FL. The unauthorized discharge was caused by a 2- inch cracked pipe supplying the air release valve. The unauthorized discharge was stopped by isolating the cracked pipe. The unauthorized discharge flowed westerly 10 feet out of manhole located in most westward lane on southbound US1. Some of the unauthorized discharge then flow northly along roadway brim for 190 feet where it entered a storm drain. In addition, the rest of unauthorized discharge continued westerly an additional 133 feet where it entered an additional storm drain. The affected area was disinfected with lime and cleaned with 150 gallons of potable water. A total of 1,200 gallons of liquid was recovered with a vacuum truck of which 75 gallons were recovered from the west storm drain along with the 150 gallons of potable water used for cleaning. Staff were not able to access the second storm drain.



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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

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MEMORANDUM

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

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

DATE: May 10, 2024

SUBJECT: April 2024 Operations Department Monthly Report

Treatment Plant Division / Maintenance Department

Overall, the month of April was productive with all monthly reports prepared and submitted on time. There were no permit exceedances this month. The treatment plant generally operated efficiently and met all treatment objectives. During the month, influent flows to the District's wastewater treatment plant were on the same order of magnitude as the flows recorded during the month of March 2024. The plant did not experience any unauthorized discharges for the month of April.



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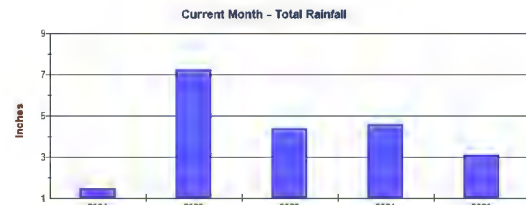
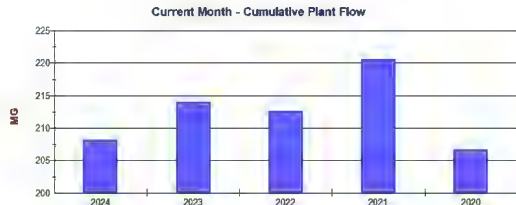
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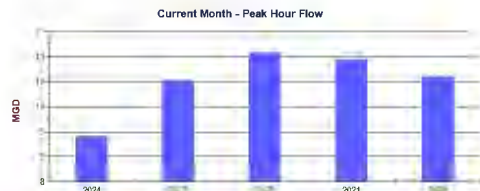
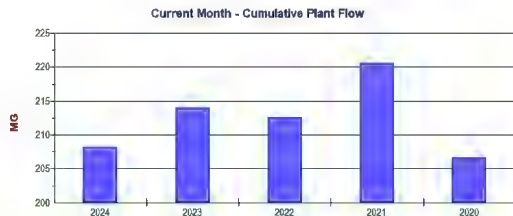
Water Reclamation – Environmental Education – River Restoration

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



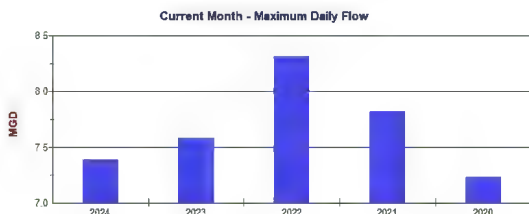
The Cumulative Influent Flow to the plant for the month of April was 208.15 million gallons. This is less than the March flow of 227.95 million gallons.

1.49 inches of total rainfall was recorded at the plant site during the month of April. This is less than the March rainfall recorded of 1.94 inches.



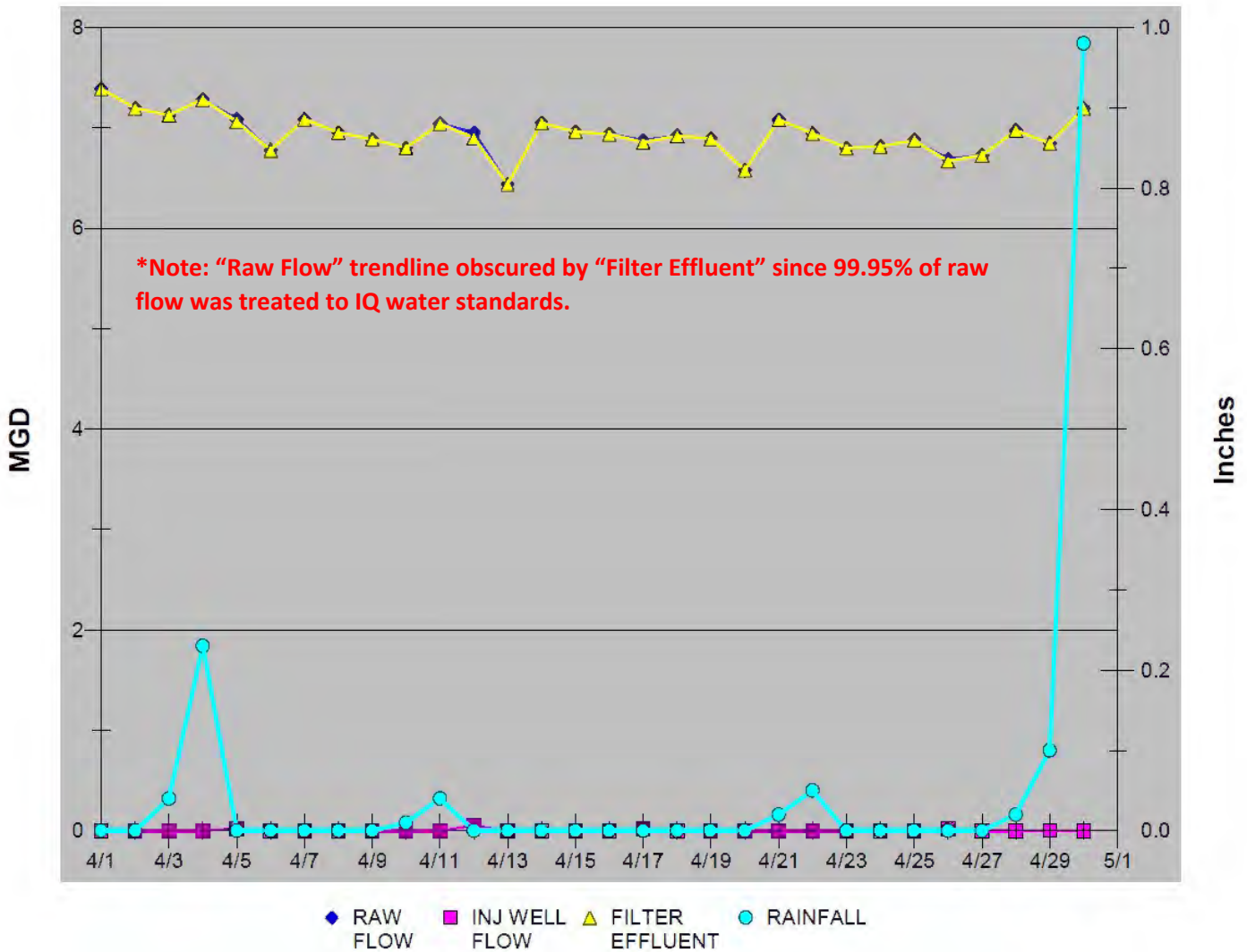
The Average Daily Flow (ADF) for the month of April was recorded at 6.94 MGD compared to 7.35 MGD during the month of March and 7.13 MGD during April 2023.

The Peak Hour Flow (PHF) for April was 6,181 GPM which equates to an equivalent daily rate of 8.90 MGD. This is significantly less than the PHF for March of 6,854 GPM (9.87 MGD).



The Maximum Daily Flow (MDF) in April was 7.39 MGD. This is slightly less than the MDF for March of 7.79 MGD.

For the month of April, 99.95% or 208.04 MG of the cumulative influent flow to the plant was sent to the IQ storage system where it was distributed, as needed, to the various golf courses and the Abacoa development sites. A total of 0.11 MG of blended effluent was diverted to the deep injection well for disposal. The plant delivered a total of approximately 271.31 million gallons of IQ water to the reuse customers during the month of April.



Year to date (i.e., Calendar Year 2024), approximately 70.56% 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 during Year 2024 was recorded at 726.96 million gallons.

All monthly reporting was submitted on time.

Treatment Plant:

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

During the month, Operations Staff worked closely with the Maintenance Team and the District's IT Department during the refurbishment and upgrade of the Operations Control Room. The control room is the central command center for the monitoring and operation of the District's wastewater treatment plant. The control room is staffed 24-hours per day, 7-days a week by a minimum of two (2) plant operators. The existing control room was generally functional but had some significant areas for improvement as well as aging equipment. When planning the upgrades, Staff took into consideration how best to resolve existing operational challenges and to improve the reliability and redundancy of plant operations. To this end, the project included the installation of fully redundant workstations and new SCADA control computers. In the event of the failure of one of the workstations, the other workstation would be capable of maintaining plant operations. Another important improvement was the relocation of the SCADA control computers to an adjoining room which has a higher security clearance. This not only improves protection against intentional malicious activities, but it also eliminates the potential for accidental damage due to impact, liquid spillage, etc. Lastly, the upgraded control room was outfitted with additional monitors which will allow Operators to view the majority of plant security cameras simultaneously.



Upgraded WWTP Operations Control Room (with 2 Happy WWTP Operators)

This past month, Operations and Maintenance Team members worked together to perform the annual preventative maintenance (PM) inspection of the two (2) mechanical bar screen units at the plant headworks structure. The proper operation of the mechanical bar screens is critical since these units are the first pretreatment step at the headworks. The screens are located immediately downstream of the common influent chamber on the upper floor of the headworks structure. The bar screens are equipped with a continuous screening belt which consists of a series of staggered interlocking filter elements which create a filter screen with an element spacing of 1/8-inch (3mm). Staff regularly perform routine inspection and maintenance of each screening unit, however, there are significant components which are generally submerged. To complete the annual PM, each of the troughs needed to be removed from service in succession and drained and cleaned to provide Staff access to perform a thorough inspection of the entire unit. Prior to execution of the work, Team members completed a detailed review of the work activities with the District's Safety/Compliance officer to develop a plan to safely complete the work.

The annual PM was successfully completed and resulted in the identification of specific deficiencies which need to be addressed in the near future. The most significant deficiency identified were abnormalities with the side seals on the exterior edge of the screening units. The seals were generally intact but there were areas in which they were deformed and not performing as intended. These side seals are important because they prevent influent/raw wastewater, and associated screenings (i.e., rags, plastics, etc.), from bypassing the mechanical bar screen units, which can have detrimental impacts on downstream treatment processes. Maintenance Staff are currently in the process of requesting a proposal for the replacement parts from the equipment manufacturer.



Mechanical Bar Screen Layout



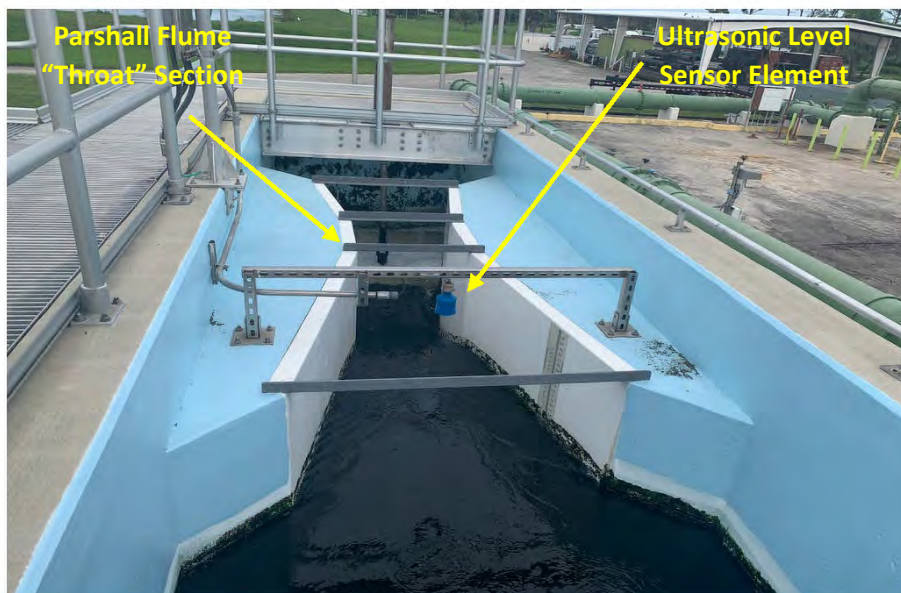
Mechanical Bar Screen – Close-up

Lastly, Operations Team members coordinated and provided oversight of the manufacturer's designated service representative to perform plant wide calibration of the Siemens ultrasonic level sensing devices. The proper performance of these level sensing devices is critical since the majority of these devices provide operational data which is utilized by specific plant process equipment to control pump and valve actuation, as well as actuation of the mechanical screening units at the headworks and the filter backwash process at the deep bed filter units.



Deep Bed Filter Unit – Ultrasonic Level Sensor

The level sensing devices are also critical to the continuous collection of plant influent data at the headworks structure using two separate Parshall flumes as well as the filtered effluent flow upstream of the chlorine contact basins. Parshall flumes are unique flow devices which have a known “throat” dimension which is used to calculate a flow rate based the liquid level on the upstream side of the throat. Parshall flumes are considered to provide very reliable flow data but their accuracy is dependent on the accuracy of the liquid level data provided by a level sensing device.



Filter Effluent Parshall Flume – Ultrasonic Level Sensor

Maintenance Department:

The Maintenance Department continued to efficiently perform planned maintenance (PM) tasks during the month of December. 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.

Maintenance Team members worked with Operations Staff to replace the northern manual bar rack at the injection well screening structure. This project required significant coordination amongst District Staff since it required the screening structure to be completely removed from service, drained and the execution of significant confined space entry procedures including extensive lock out/tag out. The screening structure is located upstream of the injection well pump station and is intended to remove and prevent larger inorganic solids from being discharged to the District’s deep injection well. As part of previous preventative maintenance work completed at the structure, it was discovered that the bottom 3 to 4-feet of the existing screens were blocked due to the long-term accumulation of scale (i.e., precipitation) associated with introduction and mixing of nano-concentrate at the structure. This blockage is significant because if not addressed it could potentially create a significant hydraulic restriction resulting in higher than necessary water levels within upstream process systems. Staff previously attempted to clean and clear the blockages on the screen, in-place, but were not able to. Based on this, Staff coordinated with a local metal shop to fabricate a replacement screen. Staff was hopeful that upon removal of the existing screen from the structure, it could be sand blasted and then used to replace the second screen in the north section of the structure. Unfortunately, upon removal and inspection of the existing bar rack, Staff determined that the existing rack was not salvageable.



IW Screen Structure – Bar Rack Removal



IW Screen Structure – Existing Rack

Another significant project coordinated and completed by the Maintenance Team during the month of April was the replacement of the variable frequency drives (VFD's) dedicated to each of the three (3) 40-horsepower vertical turbine pumping units at Filter Pump Station No. 2 (FPS-2). The replacement VFD's were purchased and installed by a supplier which is certified by the VFD manufacturer. FPS-2 serves as the secondary filter dosing pump station to convey effluent from the secondary clarifier units to the tertiary filtration units. The existing drives are over ten years old and do not meet the District's current performance specifications. Further, the communications platform of the existing VFD's is via Device Net, which is an antiquated platform. The replacement drives are manufactured by Eaton and were hardwired for communication which eliminates potential communication failures due to failure of unnecessary ancillary devices. Additionally, the replacement drives did not need external harmonic filter units.

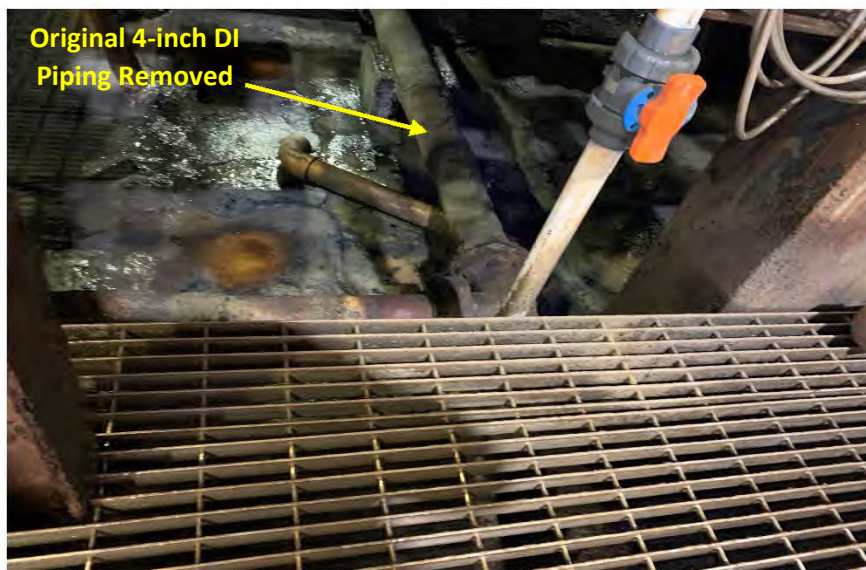


Filter Pump Station No. 2 – Original VFD's

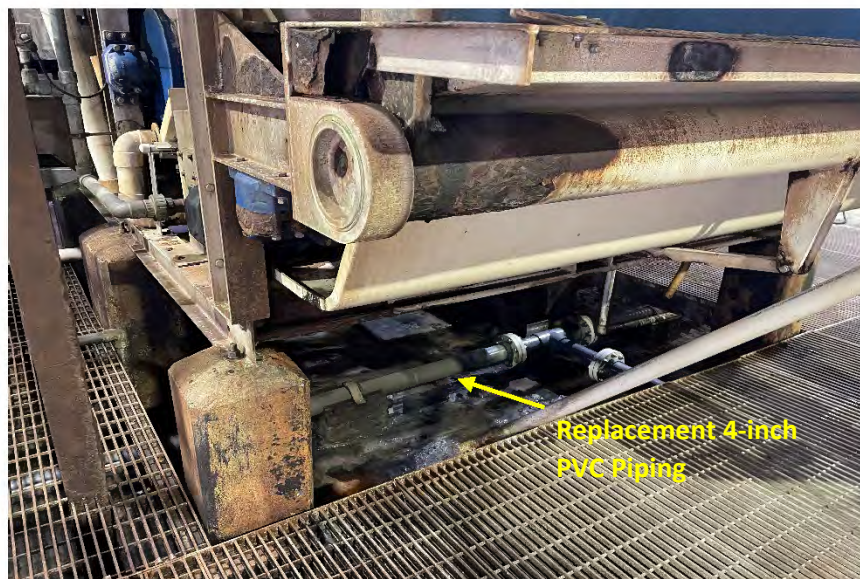


Filter Pump Station No. 2 – Replacement VFD's

This past month, Maintenance Staff completed the replacement of a significant portion of the 4-inch diameter, ductile iron (DI) process water piping which services the belt filter press units located within the Solids Dewatering Facility. During previous inspections, Staff noted that the piping located beneath the press units was significantly corroded and discovered minor leaks at the connecting joints. This segment of DI piping was original to the solids dewatering facility which was constructed and placed into service in 1988. Since this process water system operates at a relatively high service pressure of 80-pounds per square inch (psi), Staff determined that the replacement of the piping segment was warranted. To reduce costs and to simplify installation, the piping was replaced with 4-inch diameter, schedule 80 polyvinyl chloride (PVC) piping. The use of PVC piping for this application will eliminate concerns with corrosion in the future.



Belt Filter Press – Original Process Water Piping

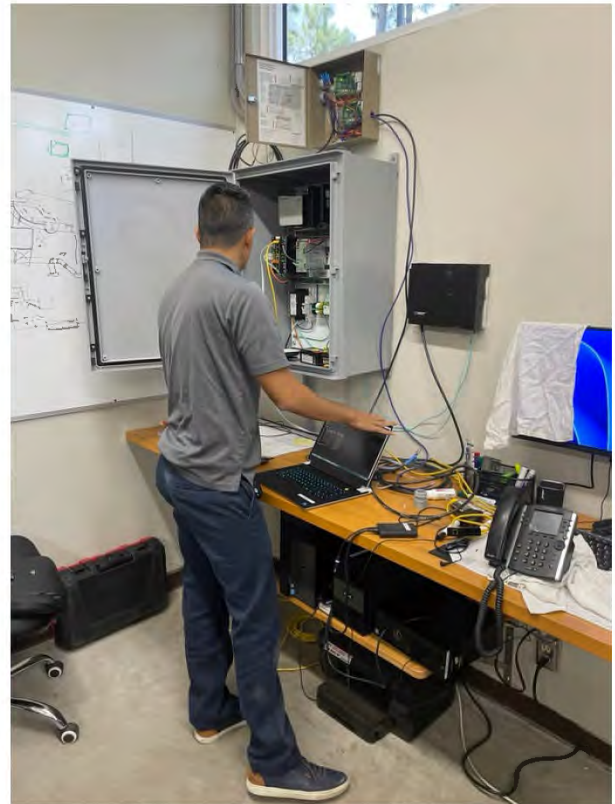


Belt Filter Press – Replacement Process Water Piping

Lastly, Maintenance Staff members worked with the District's IT Team to complete network upgrades within the Maintenance Building. The upgrades included the installation and configuration of a dedicated network switch within a larger switch panel. The upgraded switch will significantly improve the connectivity, speed and functionality of the workstations and equipment located within this work area. The panel was fabricated, installed and configured in-house with close coordination between departments. The panel was sized to allow expansion in the future, if required.



Network Switch Panel Fabrication



Upgraded Network Switch Configuration



LOXAHATCHEE RIVER DISTRICT

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Albrey Arrington, Ph.D., Executive Director
FROM: Bud Howard, Director of Information Services
DATE: May 9, 2024
SUBJECT: Information Services Monthly Governing Board Update for April 2024

WildPine Ecological Laboratory

Riverkeeper Project

In April, the lab staff and our partners collected 165 water quality samples from 32 monitoring stations throughout the watershed. A total of 69 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 April 2024 was “Good” with 80% of all samples meeting the EPA/DEP water quality criteria for each site. This was identical to the previous two month’s “Good” scores of 80% and an increase from last year’s April score of 76% (see score card below). The score this month was driven largely by poor chlorophyll scores as we have previously observed.

For the core parameters, *Total Nitrogen* scored “Good” during April with 97% of sites meeting the water quality criteria. This was better than last month’s score of 92% and just below last year’s perfect score of 100% in April.

Total Phosphorus results scored “Good” in April with 81% of sites meeting the water quality criteria. This was similar to last months and last year’s April score of 80%.

Chlorophyll results scored “Poor” again for April, with only 50% of sites meeting the water quality criteria, up marginally from last month’s 44%, and last year’s April score of 43%.

For the combined *Fecal Indicator Bacteria* (fecal coliforms in all waters, enterococci in marine and brackish waters, and *E. coli* in fresh waters), April results scored “Good” with 86% of sites meeting the water quality criteria, similar to last month’s score of 88%, and better than last year’s April score of 79%.

Stephen B. Rockoff
CHAIRMAN

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BOARD MEMBER

SampDate

4/1/2023 4/30/2024

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%

Monthly Water Quality Score

April
2024

80%

165

Overall Total Samples

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

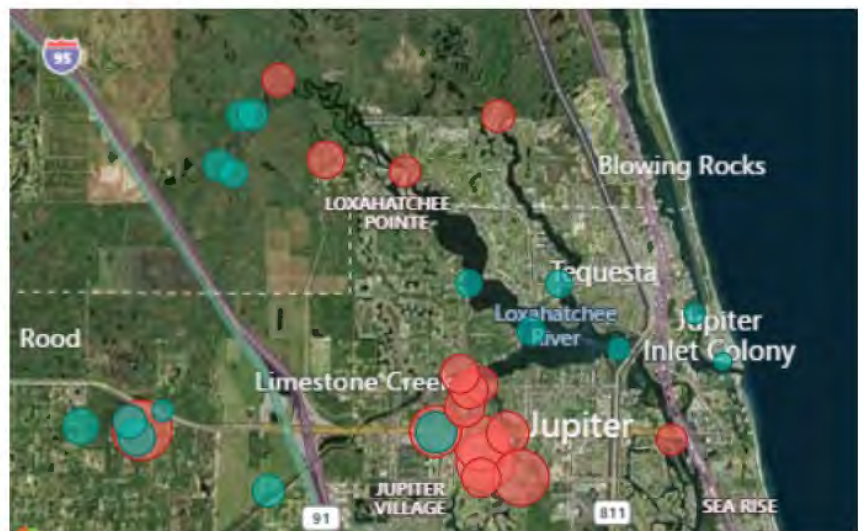
Year	Month	# Samples	Overall Score	# TN Samples	Total Nitrogen Percent Good	# TP Samples	Total Phosphorus Percent Good	# CLA Samples	Chlorophyll Percent Good	# BAC Samples	Bacteria Percent Good
2024	April	165	80%	32	97%	32	81%	32	50%	69	86%
2024	March	143	80%	25	92%	25	60%	25	44%	68	88%
2024	February	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%	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%
2023	September	132	78%	25	92%	25	60%	25	52%	57	82%
2023	August	193	83%	35	97%	35	60%	35	63%	88	86%
2023	July	165	78%	32	97%	32	72%	32	44%	69	87%
2023	June	144	74%	25	92%	25	68%	25	48%	69	60%
2023	May	173	80%	30	87%	30	60%	30	60%	83	84%
2023	April	157	76%	30	100%	30	60%	30	43%	67	79%
Total		2079	78%	390	93%	365	76%	390	52%	934	83%

Spatial Distribution of Water Quality Results

In April, *Chlorophyll* results met the water quality criteria at only 16 of 32 sites. The “poor” stations were located upstream of the estuary in a few of the brackish sites of the river and in Jones Creek. The upstream brackish sites had results ranging from 6 µg/L at Station 62 (Island Way Bridge) to 11 µg/L at Station 107 (Rivers Edge) and scored “poor” when compared to their strict water quality standard of 5.5 µg/L. All the brackish stations in the southwest creeks continue to score “poor”; however, the good news is that the levels of chlorophyll at those stations dropped back down to more normal levels compared to

Chlorophyll a (ug/L)

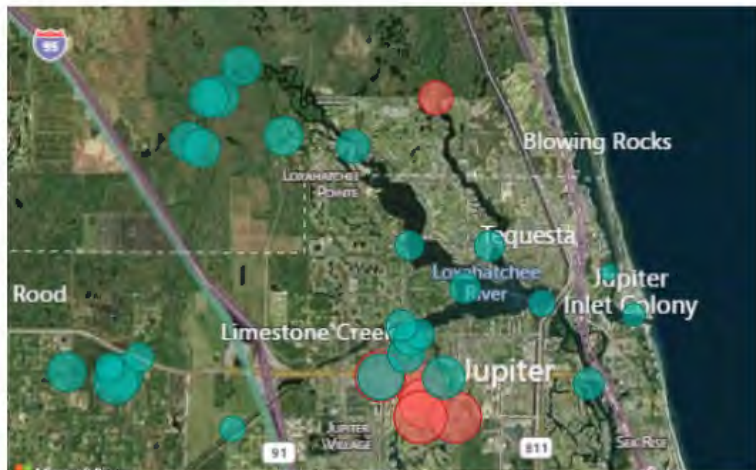
CHL_Score ● GOOD ● POOR



the observations over the past few months, coinciding with the Town of Jupiter’s Jones Creek Vegetation Trimming Project. The Caloosahatchee Culvert (CALC) and Delaware Street (DEL) sites, which had the highest results ever recorded in March (513 and 354 µg/L, respectively), had much lower concentrations to report in April with CALC at 48 µg/L and DEL at 40 µg/L. We believe the exceptionally high values observed in March were transient conditions associated with the vegetation trimming project in Jones Creek. The mobilization of sediments, debris, and nutrients associated with the trimming work, combined with the increases in sunlight resulting from the trimming, very well may have cause the temporary fluctuations in water quality.

Total Phosphorus (mg/L)

TP_Score ● GOOD ● POOR

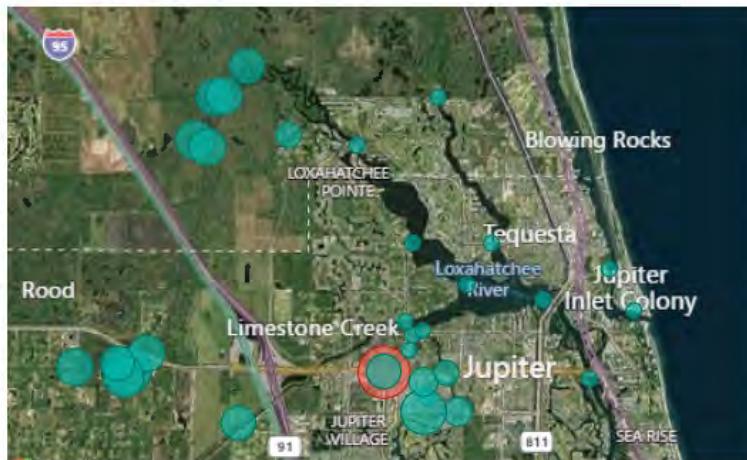


Total Phosphorus scored “good” at 26 out of 32 sites tested in April. Five stations in the southwest brackish creeks were all 0.1 mg/L, which is over the water quality criteria of 0.075 mg/L for brackish systems. One station in the North Fork at Countyline Road (Station 55) was reported at 0.032 mg/L, just above the criteria of 0.030 mg/L for that segment of the river.

Total Nitrogen (mg/L)

TN_Score ● GOOD ● POOR

Total Nitrogen scored “good” at 31 out of 32 sites tested in April. Interestingly, all of the Jones Creek sites were under the water quality criteria of 1.3 mg/L this month. One freshwater station in Sims Canal near Walgreens on Indiantown Road (Station 74) was the lone “poor” site at 1.7 mg/L.



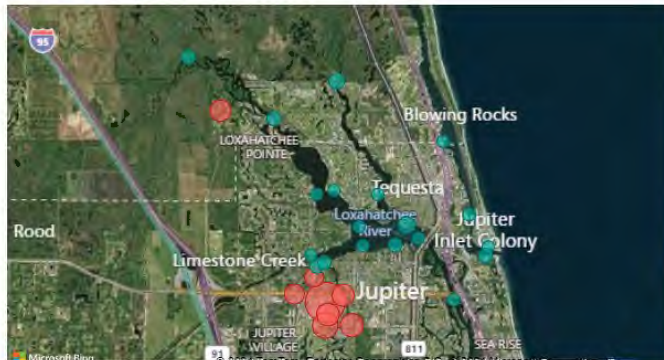
The overall *Fecal Indicator Bacteria* result scored “good” at 59 out of 69 sites in April, continuing the run of good scores we have been seeing these past 6 months. For Enterococci bacteria (see map below left), the state’s preferred indicator bacteria for salt and brackish waters, eight stations scored “poor” when compared to the water quality standard of 130 MPN/100 mL. Seven “poor” scoring stations were sampled in Jones and Sims Creeks. This month the Delaware (DEL) site in Jones Creek had the highest concentration at 3,130 MPN/100 mL, nearly 10 times higher than

March's result of 368 MPN/100 mL. The remaining "poor" creek stations were all below 1,000 MPN/100 mL enterococci, with results ranging between 189 MPN/100 mL at the Center Street mobile home park in Sims Creek (Station 735) and 749 MPN/100 mL at the Jones Creek Upper (JCU) site.

For Fecal Coliform bacteria results in April, the Delaware (DEL) site in Jones Creek had the highest concentration at 959 MPN/100 mL and was the lone "poor" station when compared to the less stringent Class II water quality standard of 800 MPN/100 mL (see map below right). All the other stations scored "good".

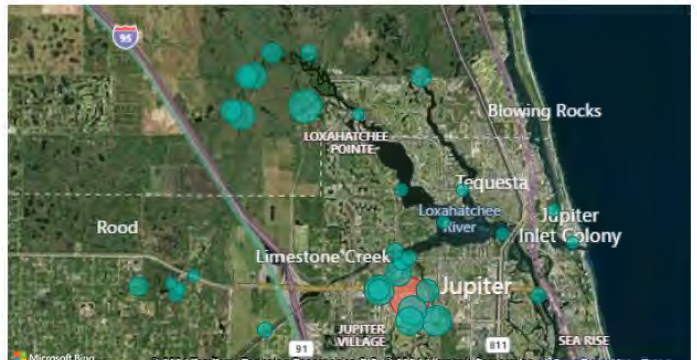
Enterococci Bacteria - Criteria: 130 MPN/100mL

ENT_Score ● GOOD ● POOR



Fecal Coliform Bacteria - Criteria: 800 MPN/100mL

FC_Score ● GOOD ● POOR



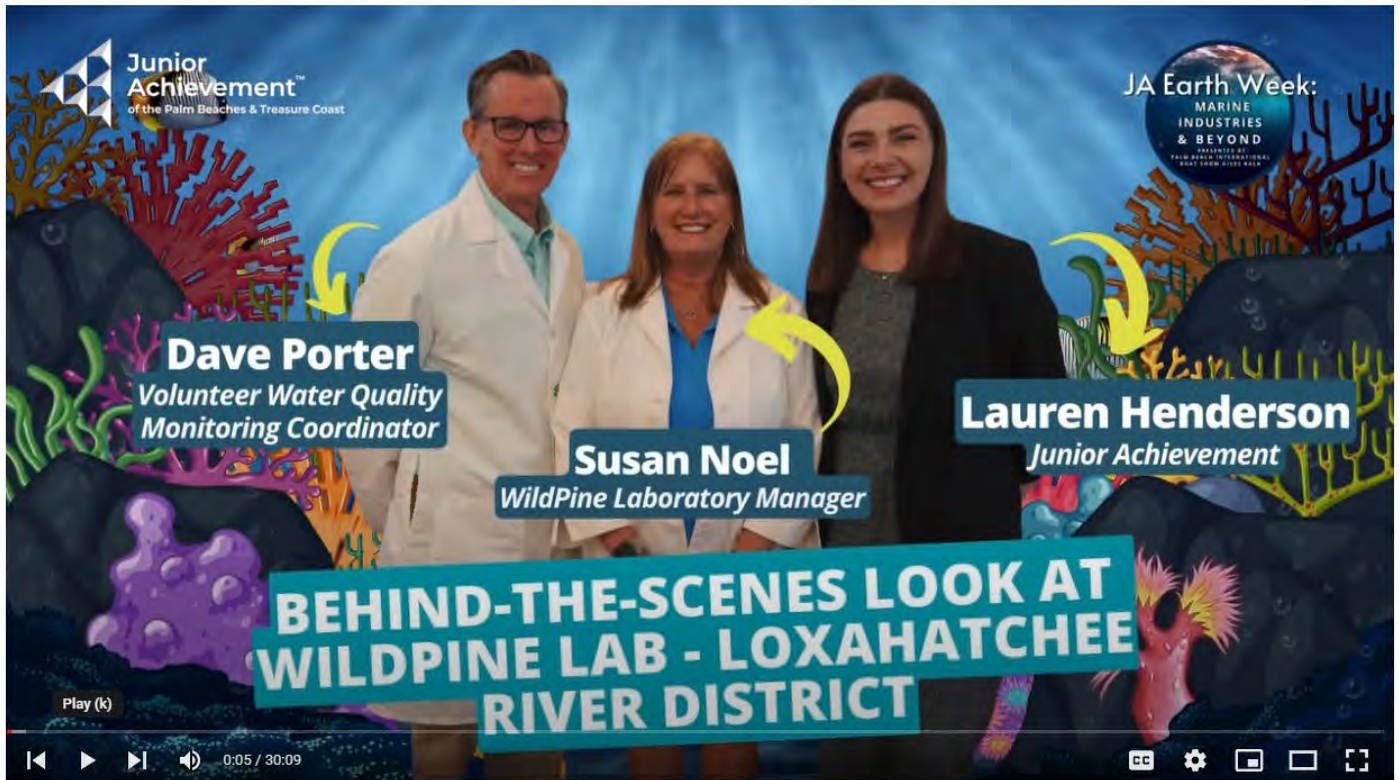
Town of Jupiter's Jones Creek Vegetation Trimming Project

Since October 2023, the Town of Jupiter's vegetation contractor trimmed back vegetation and removed exotic/invasive plant species. Dense vegetation, falling trees and algae mats were also cleared out at various areas throughout the creek. This project was based on the guidance from fecal bacteria experts that suggesting that increased sunlight and improved water flows would likely be the simplest and best opportunity to achieve healthier water quality.

The Town of Jupiter staff reports that the vegetative trimming project was completed on April 16. We are planning to continue monthly monitoring over the next six months document any changes in water quality. LRD staff will be evaluating the water quality data and ultra-high resolution drone imagery to quantify the changes before and after trimming, and will prepare a summary report.

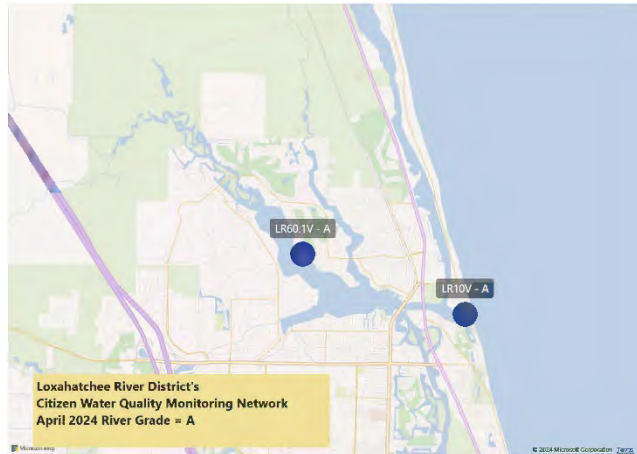


Junior Achievement Earth Day Video



Junior Achievement of the Palm Beaches and Treasure Coast came to WildPine Lab to make a video for science teachers and students in grades 6 through 12 as part of Earth Week. Sue and Dave talked about marine careers and the importance of protecting public health and our waterways. Danny Tomasello made a special appearance at the chemistry bench. Staff talked about the Riverkeeper Water Quality Program, Seagrass Monitoring Surveys, and the Weekly Bacteria Program. Dave demonstrated the steps in the process of testing bacteria and Sue explained how the results are communicated to the public. Link to the video: [Junior Achievement Earth Week 2024](#)

Volunteer Water Quality

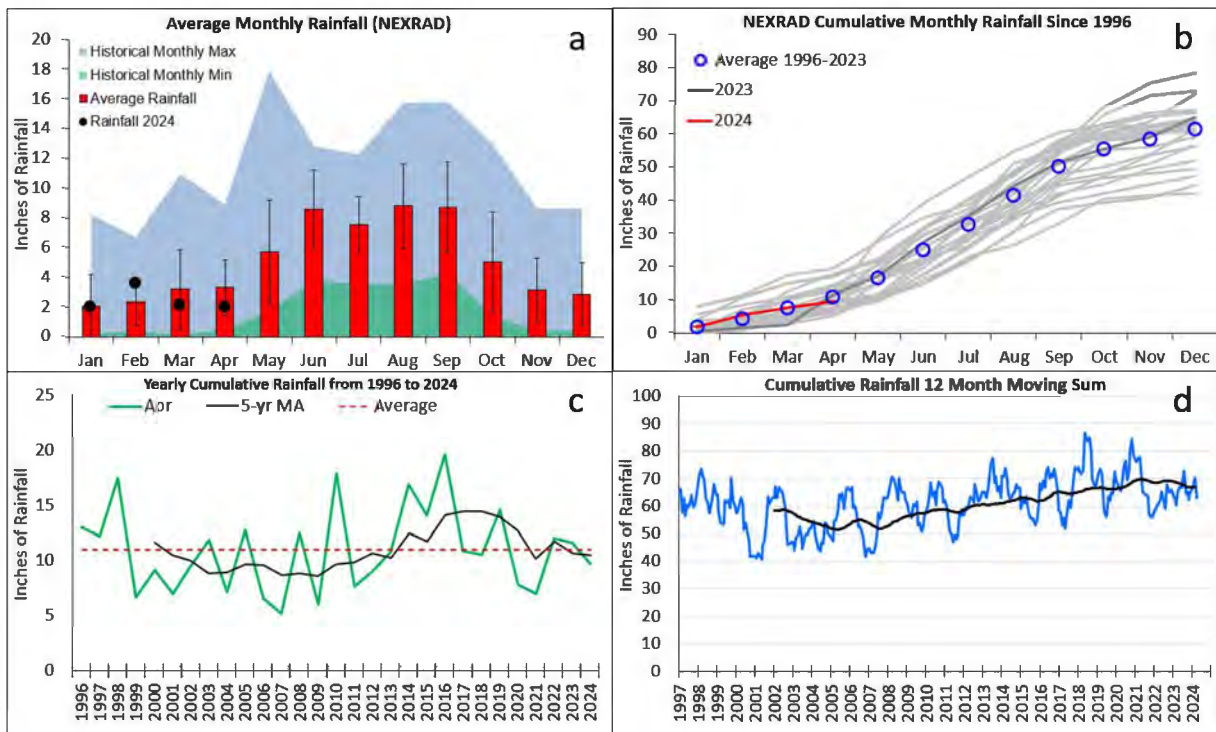


The Volunteer Water Quality Grade at the Jupiter Inlet site for April was an “A”. The weekly results showed good water quality for all of the parameters at the inlet (Station 10). The salinity and pH levels at the mouth of the NW Fork (Station 60.1) were a bit higher than normal likely due to the lack of rain and lower river flows.

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	24.8	3.05	35.2	8.2	6.6	97.5	1.0	A	A	A	A	A	A	100.0	A
LR60.1V	24.0	0.93	31.8	8.7	5.5	78.7	1.0	A	B	D	A	A	A	84.1	A
Average	24.4													92.4	A
														Grade Scale	
VAB (Visible at Bottom)														81.25 to 100	A
DO (Dissolved Oxygen)														62.5 to 81.25	B
ND (No Data)														41.76 to 62.49	C
														25.00 to 43.75	D
														0 to 24.99	F

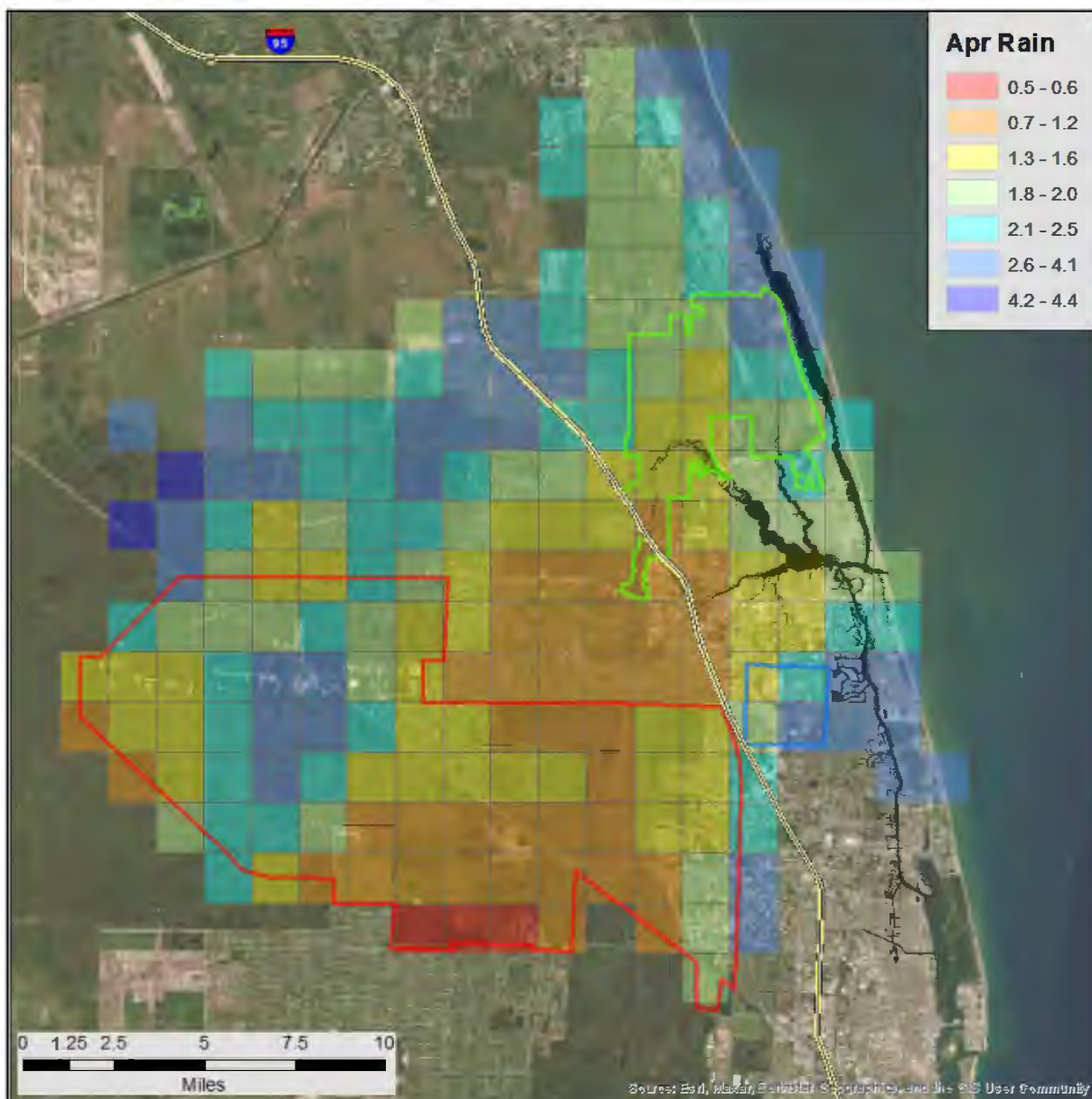
Hydrologic Monitoring

Rainfall across the watershed during April totaled 2.0”, about 40% below the 3.34” historical average for the month (panel ‘a’ in figure below). This total is in sharp contrast to last year when the region experienced a record high 8.9” in April. Rain was detected within the watershed during 10 of the 30 days of April with the highest single day total of 1.1” occurring on April 30, which accounted for 56% of the total monthly rainfall. Cumulative year-to-date rainfall through April totalled 9.7”, which is about 12% below the year-to-date historical average of 11.0” (panel “b” below). Yearly cumulative trends indicate that annual rainfall through April continues to return to near-average levels. This follows a roughly 10-year period of increased rainfall that peaked at 19.6” in 2016, and the 5-year moving average generally declining since 2018 (panel “c” below). The 12-month moving sum through April was 63.2”, a slight 4% from the 65.5” moving sum from one year ago (panel “d” below). The generalized long-term trend indicator in panel “d” below shows that total rainfall within the watershed has generally shifted upward from historical ranges since around 2012, but appears to have leveled off over the past couple years.



Figures above display various measures of rainfall. Panel (a) shows average monthly rainfall from 1996 to 2023 (red bars; error bars indicate ± 1 sd). Black dots indicate monthly rainfall for the current year. The blue and green shaded areas show the maximum and minimum rainfall ever recorded for each month. Panel (b) shows monthly cumulative rainfall for each year since 1998. Red line indicates cumulative rainfall during 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 April was varied and ranged from 0.5” in the driest regions to 4.4” in the wettest regions (figure below). In general, the driest regions encompassed some of the south-central portions of the watershed which include Jupiter Farms, North County Airport, Hungryland Slough, and Loxahatchee Slough Natural Areas. The wettest regions tended to be in the northwest over Nine Gems (PAL-MAR) and Hungryland Wildlife and Environmental Area (WEA).



Maps showing NEXRAD rainfall distribution across the watershed during the month of March. 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

Between April 1 through the 20th, river flows measured at Lainhart Dam were low with a daily average of 45 to 37 cubic feet per second (cfs). On April 21st flows showed sharp decline dropping below the 35 cfs minimum flow target. Flows have remained very low since.

The G-160 structure remained closed throughout April. But the G-161 structure was opened between April 6-19 to allow a daily average of 7 cfs of supplemental flow into the C-18. Incidentally, stage within the C-18 remained below 13 ft for much of April.

As a result of these low river flows, the daily average salinity in the typically freshwater segment of Northwest Fork, measured at River Mile 9.1, climbed sharply above the 2 ppt threshold to 6.1 ppt on April 17. Salinity has oscillated around the salinity target (bottom panel in figure below) since mid-April. The 20-day moving average salinity broke through the 2 ppt threshold, the criteria in the Minimum Flow and Level (MFL) rule, on April 24th resulting in 15 days of MFL exceedances as of May 8, 2024.



Loxahatchee River District
WildPine Laboratory
www.loxahatcheeriver.org

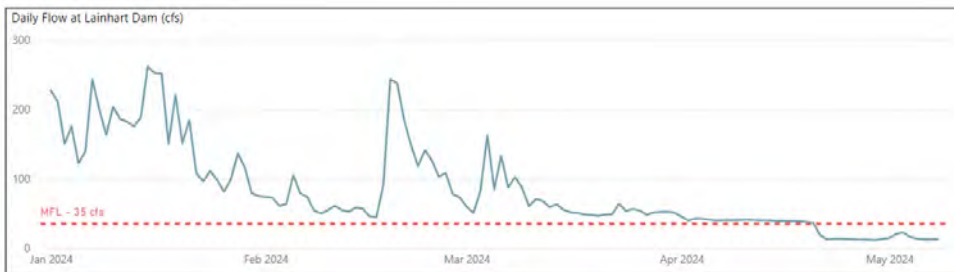
Loxahatchee River Flow at Lainhart Dam and Salinity at River Mile 9.1 Relative to the Minimum Flow & Level (MFL)
Data from USGS. MFL Exceedance when Flow is less than 35 cfs for 20 consecutive days or Salinity 20d rolling average is greater than 2 ppt.

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

1/1/2024 5/8/2024

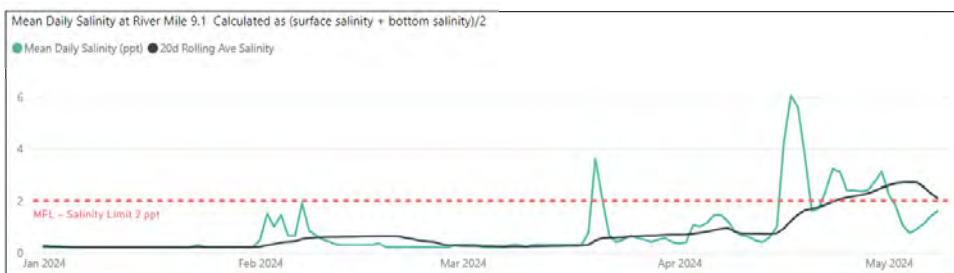


South Florida Water Management District's Real-time Flow Data for Lainhart Dam Available [HERE](#)



Days of Flow Less Than MFL for Selected Dates
18

Average flow (cfs) for Selected Dates
84.1



Days of Salinity MFL Exceedance
15

Average Salinity (ppt) for Selected Dates
0.83

Loxahatchee River Flow measured at Lainhart Dam in the upper panel, and daily average Salinity and the 20-day rolling average of salinity measured at River Mile 9.1 (lower panel), for the 2024 dry season from January 1, 2024 through May 8, 2024. Data from USGS. Updated chart available at loxahatcheeriver.org/river under MFL.

Oyster Spat Monitoring

Oyster spawning and spat settlement for the 28-day period ending May 2 indicates that the spring oyster spawning season has begun in spectacular fashion. This was especially evident in the Northwest Fork which experienced record-setting settlement density of 14,729 spat/m²; far above both the period average of 4,338 spat/m² and year over year period (2023) of 1,478 spat/m² (figure below). About 56% of the settlement activity was observed at the upstream site, the second consecutive month with highest density at the upstream site; a departure from the pattern we typically see with much of the settlement occurring at the downstream site.

The southwest Fork also experienced near record settlement activity with an average spat density of 6,855 spat/m², more than double the period average of 3,156 570 spat/m², and only slightly below the record 7,583 spat/m² set during same period 2017. Sixty four percent of the settlement activity occurred at the upstream site.

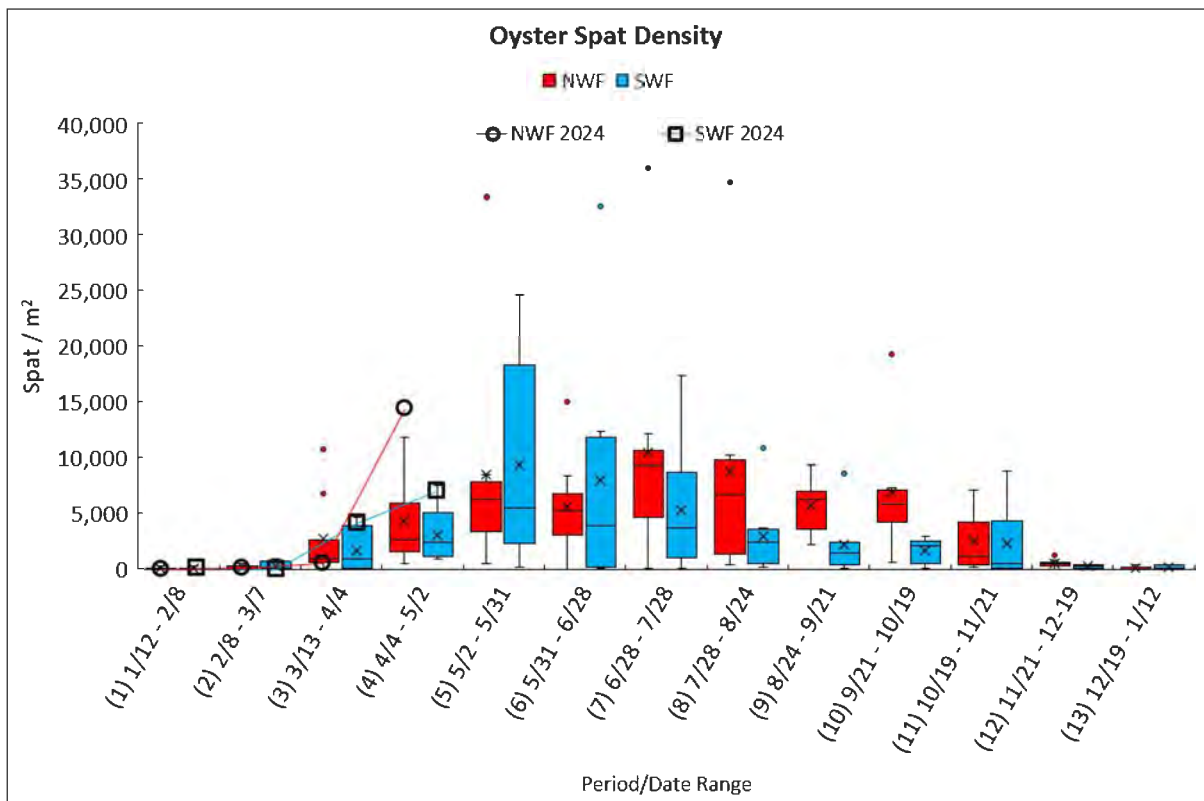


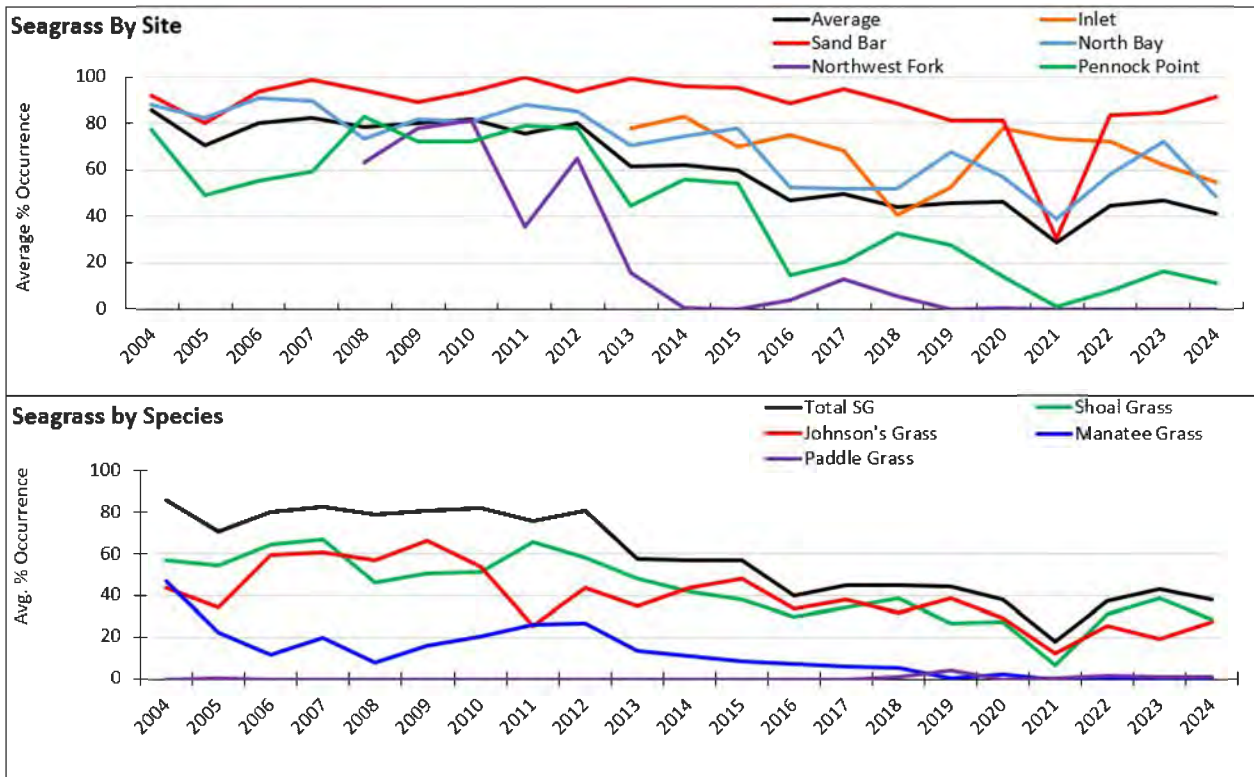
Figure: Box and whisker plot showing interquartile range (IQR) of oyster spat density (spat / m²) for each period in the Northwest Fork (red) and Southwest Fork (blue) of the Loxahatchee River between 2016-2023. The "X" indicates period mean. Superimposed on the IQR are the 2024 period means for both the Northwest Fork (circle/red line) and Southwest Fork (square/blue line).

Seagrass Monitoring

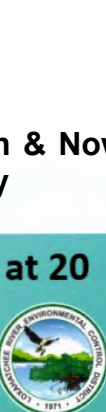
April marks the beginning of the District's annual seagrass monitoring as we enter the 21st year of uninterrupted bimonthly monitoring of this critical ecosystem component. This remarkable time series of data provides a wealth of information on Loxahatchee River estuary seagrasses under a variety of hydrologic conditions.

For the April monitoring, the findings were mixed with three of the four sites (with seagrass present) showing declines compared to April 2023; the Northwest Fork site remains absent of seagrass. The Sand Bar site experienced an increase to an average seagrass occurrence to 91% (upper panel in figure below). North Bay (49%), Inlet (55%), and Pennock Point (11%) all experienced declines compared to 72%, 62%, 16% respectively in April 2023. However, all sites, except the Inlet, appear to be on a general increase compared to the decline we measured at the beginning of the 2021 monitoring season.

Much of the decline seen in seagrass presence is due primarily to the overall decrease of shoal grass. This seagrass remains the widely distributed and abundant seagrass occurring at all four sites (that have seagrass) and, historically, we have observed an increase in occurrence as we progress through the growing season. April is typically the peak occurrence for Johnson's grass so we expected it to be higher occurrence, though we expect to see this seagrass begin to decline as we enter the summer months. Manatee Grass and Paddle Grass were relatively unchanged from April 2023 with average percent occurrence of 0.5% and 1.9% for April 2024. North Bay remains the lone site where Manatee Grass is found while Paddle Grass is most often found at the North Bay, Sand Bar, and Inlet sites.



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



Jerry Metz Presentation - Seagrasses Then & Now: a look back at 20 years of seagrass monitoring in the Loxahatchee River Estuary



On May 3rd, Jerry presented a lecture on seagrass at the River Center. He did a great job explaining the role of seagrasses in the ecosystem, and presented some of the findings from our long term datasets, including some of the interesting relationships between seagrass decline and specific hurricanes and tropical storms. The presentation was well attended, educational, entertaining, and there were many insightful questions from the audience.

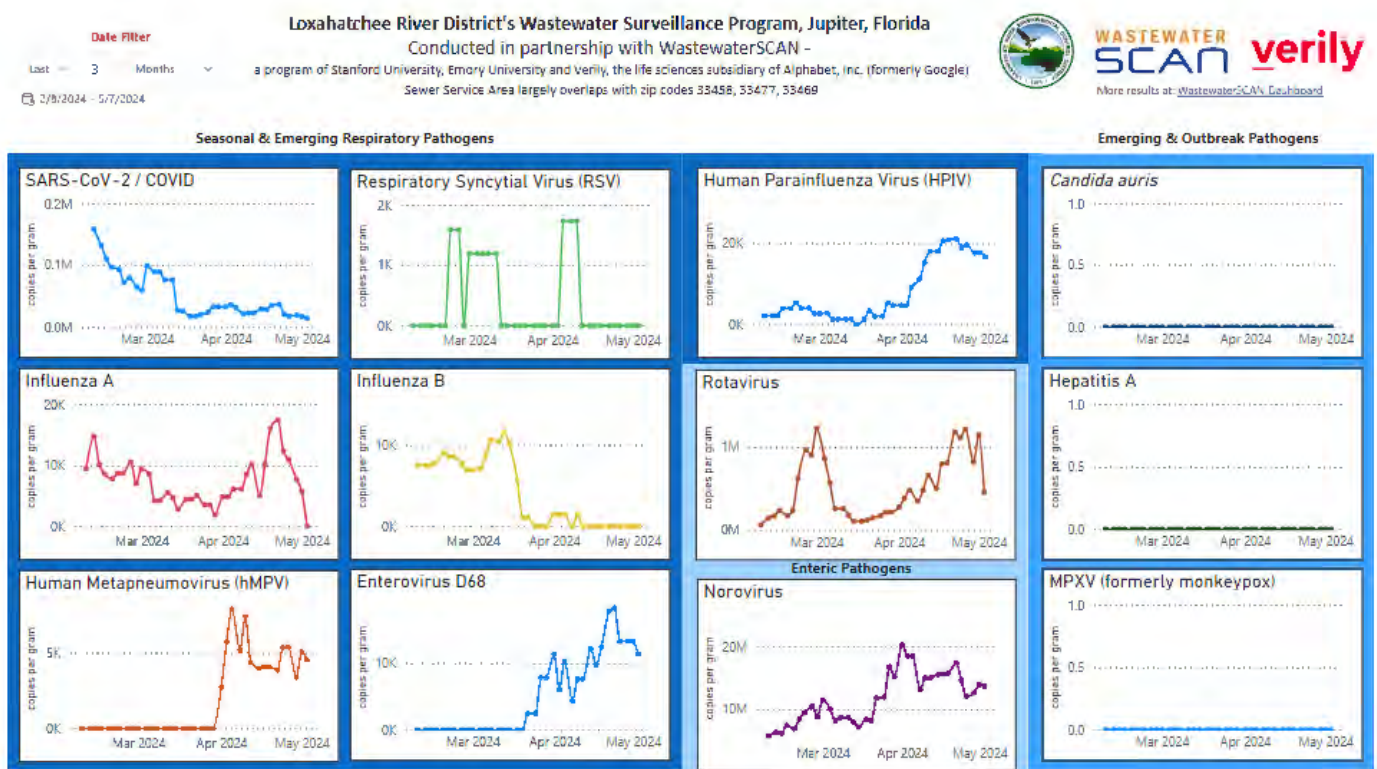
Above you see Jerry working at the same spot on our North Bay seagrass site 20 years ago and present day. A lot has changed!



Wastewater Surveillance

The District's Wastewater Surveillance program, monitoring 12 pathogens through the WastewaterSCAN program, showed an active month with concentrations rising in several of the monitored pathogens. Influenza A, hMPV, Enterovirus D68, HPIV, Rotavirus, and Norovirus all increased in April and some are still showing elevated levels.

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

On April 11 we began the distribution of the 2nd Quarter Billing and staff were busy processing over 8,000 payments, totalling over \$1M, from our quick paying customers. The 2nd quarter bills are due May 15.

For the 1st Quarter billing we ended the quarter with 90% of our 33,388 accounts satisfied, marginally less than the 94 to 96% satisfaction we have seen historically. We were pleased with this result given that over 11,000 customers that were on AutoPay in our prior Customer Information System had to take action to satisfy their bill.

In comparison, preliminary results indicate roughly 4,000 of the 1st quarter payments were made through AutoPay. Interestingly, the number of Online Bill Pay payments made through the Customer's bank was nearly flat, but we had an 18% increase in the number of payments made by cash or paper check. Since our Q1 due date in mid-February we have had an additional 2,800 customers sign up for AutoPay and we hope to see continued progress on the number of customers utilizing this highly efficient payment channel. The payments vendor is rebuilding the payments portal to address several issues and make it easier to use. After the new system is in place and fully tested, we will try to encourage more customers to sign up for AutoPay.

Information Technology (IT)

Control Room Enhancements

In coordination with the remodel of the operator control room (shown below left), the IT team improved both the security and aesthetic of the computers used in the control room. We removed SCADA computers and user workstations and placed them in locked cabinet (below right), which is now limited access for improved security.



Computerized Maintenance Management System (CMMS) Document Management

The District is constantly improving the quality of data collected in our asset and work order management system. Not only do we heavily rely on electronic checklists to document work, but also photos and scanned documents to provide a more complete story of the work being performed. To support the growth of the work order system, the IT team has migrated these documents to a separate storage system which can grow to meet the future needs of the District.

Hurricane Response Data Collection Training

During the month of April, the IT Team participated in a series the Hurricane Response trainings to accommodate nearly all staff. This training included instruction on the use of the lift station and low-pressure damage assessment apps that run on mobile devices in both networked and disconnected environments.



Loxahatchee River Environmental Center

May 2024



River Center Summary Statistics

LRD'S ENVIRONMENTAL STEWARDSHIP DASHBOARD



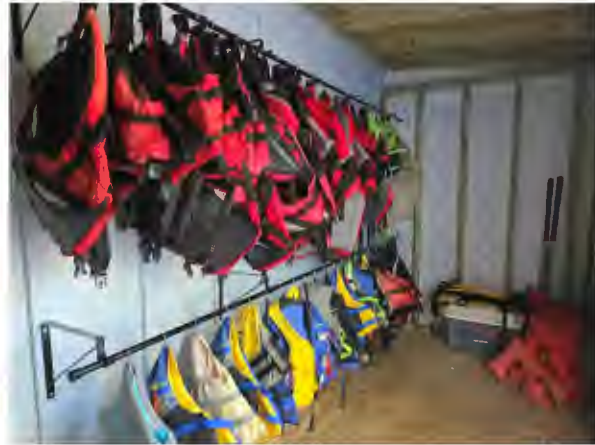
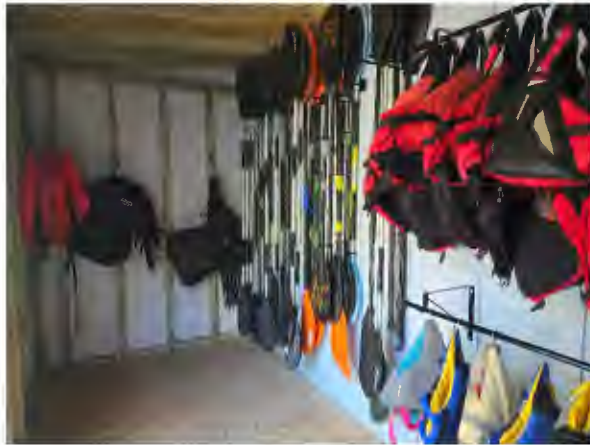
	Total Visitors <small>(Incl. Visitors, Field Trips, Onsite Programs)</small>	Total Visitors <small>(Incl. Visitors, Field Trips, Onsite Programs)</small>	1st Time Visitors	1st Time Visitors	Average Program Participation <small>[Actual participants/Capacity of Program]</small>	Volunteer Hours	Visitor Satisfaction	Staff Overall Program Assessment	Expenses	Revenue	
Benchmark / Customer Expectation	% of Target	Total	% of Target	Total	% of Capacity	Total	Rating Average <small>[Max Rating is 5]</small>	Rating Average <small>[Max Rating is 9]</small>	% within budget	% of Target	
Green Level	≥ 90%	≥ 90%	≥ 90%	≥ 90%	≥ 85%	≥ 90%	≥ 4	≥ 7	≥ 85% but ≤ 105%	≥ 90%	
Yellow	≥ 75%	≥ 75%	≥ 75%	≥ 75%	≥ 70%	≥ 75%	≥ 3	≥ 5	≥ 80%	≥ 75%	
Red	<75%	<75%	<75%	<75%	<70%	<75%	<3	<5	< 80% or > 105%	<75%	
2021 Baseline	62%	952	275%	73	83%	248	4.7	7.8	92%	85%	
2022 Baseline	89%	1,322	171%	101	111%	240	4.6	7.9	91%	107%	
2023 Baseline	103%	1,462	184%	110	93%	297	4.7	7.8	83%	86%	
2023	Apr	122%	1,382	220%	108	83%	143	4.7	7.5	79%	95%
	May	84%	1,016	170%	68	83%	218	4.6	7.8	88%	71%
	June	104%	2,600	115%	106	103%	669	4.7	7.8	87%	83%
	July	83%	2,046	103%	89	92%	1104	4.8	7.6	79%	85%
	Aug	111%	1,215	121%	69	130%	360	4.6	7.6	76%	86%
	Sept	113%	1,093	244%	110	98%	120	5.0	7.5	86%	86%
	Oct	157%	1,940	290%	142	100%	142	4.9	7.8	73%	74%
	Nov	114%	1,183	94%	48	110%	154	5.0	8.0	92%	72%
	Dec	90%	1,021	99%	78	79%	81	4.5	8.0	100%	57%
2024	Jan	97%	1,178	112%	84	89%	115	4.7	8.3	99%	81%
	Feb	130%	1,689	234%	185	105%	264	4.9	8.2	104%	94%
	Mar	114%	1,697	90%	128	90%	198	4.7	8.0	103%	112%
	Apr	113%	1,162	131%	93	88%	83	4.7	8.0	106%	112%
Consecutive Months at Green	9	9	13	13	4	2	13	13	6	3	
Metric Owner	O'Neill	O'Neill	O'Neill	O'Neill	Duggan/Warwick	Patterson	O'Neill	O'Neill	O'Neill	O'Neill	

Metric	Explanation
Volunteer Engagement	Sports tournaments and school functions kept some volunteers from signing up for shifts. We had a full volunteer orientation this month and for May, so we should see new volunteers coming into the pool soon.

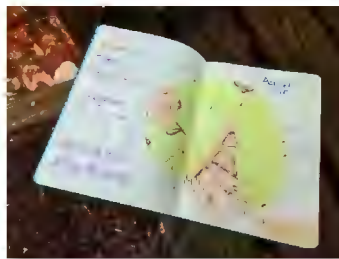
River Center General

Rebuild River Center Shed and New LSS Siding

The new shed is complete and there is plenty of room to store all the kayak gear up off the floor and the garden equipment.



Special Programs



Nature Journaling Class [Monday, April 1st]:

This month's theme was "To Each Its Own." Students drew and described a Seagrape leaf on their own. Then we put all the leaves together and students had to match the leaf to the journal based on the drawings and descriptions. We did this class in the River Center's garden. Participants commented that they never would have looked that closely at a leaf without this class.

River Center Homeschool Workshop [Wednesday, April 3rd]

The River Center facilitated our last homeschool workshop for the spring on Wednesday, April 3rd. This month's theme was mangrove trees! Students went down to the water to get up-close with our local mangrove species, where we examined their leaves, trunks, and seeds. Students learned how mangroves support our juvenile fish species and how they can help people through erosion prevention. At the end of our workshop students played a tug-o-war game relating to mangrove estuaries, ocean energy, and human influences.



Lighthouse Homeschool Outreach [Thursday, April 4th]



In April the River Center attended the Jupiter Inlet Lighthouse & Museum's Homeschool program at the Jupiter Lighthouse. The River Center brought an outreach table and a few animals to show to participants. The theme of this class was native animals and Trapper Nelson. The River Center showed families a corn snake, sea urchins, a conch and a lizard during the program and talked about why the animals are important to our native habitats.

Lecture Series [Friday, April 5th]

Our April speaker was Hayley Knapp, master's student at Florida Atlantic University, for the Wild Dolphin Project. Over the last 40 years, The Wild Dolphin Project (WDP)—founded by Dr. Denise Herzing— has studied Atlantic Spotted dolphins (*Stenella frontalis*) in the Bahamas, focusing its research on understanding their behavior, ecology, life-history, and acoustics. Through rigorous photo identification methods and a hands-off approach, the WDP has been able to develop a unique, respectful relationship with the Spotted dolphins living in the Bahamas. The project even knows the individuals by name! Their current graduate student, Hayley Knapp, is working on tracing paternity and genetic diversity by using fecal DNA to match calves to their parents. This is just one area of research for the WDP. It was great learning about the Wild Dolphin Project and the exciting research Hayley is doing.



Blooming in the Garden Blooming in the Garden – Lucky Ladybugs [Saturday, April 2nd]



It was a ladybug party at Blooming in the Garden! Our 20 little learners listened to a story about a hard-working ladybug, then went into the garden for a ladybug release! In our garden, we searched high and low until we found ladybug eggs, larva, pupa, and ladybugs. Inside the classroom, we made a craft about this much-loved beetle's life cycle. We finished the program like we always do – planting seeds to take home!



Science with Sam – Green Teens - Chemical Reactions [Saturday, April 6th]



Science with Sam Green Teens taught a Chemical Reactions class this April. In the Chemical Reactions class, students learned the difference between a physical and chemical reaction, tested experiments at their table, and watched instructor demonstrations of experiments. Each student created a glow stick in a jar, a stalagmite, and flame colors, while learning basic scientific method. Students learned why scientists would use these various tests in a real-world job.

Nature Hike – Juno Dunes Sunset Hike [Tuesday, April 9th]

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



Els Center Volunteers [Wednesday, April 10th]

After participating in an autism sensitivity training with the Els Center, the River Center was pleased to host our first group of adult volunteers. We started by giving six volunteers from the Els Center a tour of the River Center, including a touch tank experience. Then our new volunteers were trained and assisted us in a variety of tasks, including garden care and program set-up. Next month, this same group of hard-working volunteers will return to reinforce the skills they learned. The River Center has also hosted a field trip for the Els Center camp, and we're looking forward to continued collaborations with this important community partner!

Wild & Scenic Film Festival [Saturday, April 13th]



On April 13th, River Center staff was invited to participate in the Jupiter Inlet Lighthouse and Museum's annual Wild and Scenic Film Festival. A composition of short films was presented to a crowd of over three hundred environmental enthusiasts. The River Center was present to distribute information about the center and our upcoming events. It was a beautiful night for a film festival at the Jupiter Inlet Lighthouse.

Intracoastal Kayak Tour [Tuesday, April 16th]

The River Center hosted a public kayak tour through the Intracoastal Waterway with a group of 13 adults. The Intracoastal Waterway is a beautiful and beginner friendly location that features tons of wildlife like ospreys and moon jellyfish. During this paddle we visited Fullerton Island and Sawfish Island which are two Palm Beach County owned spaces only accessible by small boats. Sawfish Island is the most recent restoration project completed by PBC Environmental Resource Management. This island originally was overrun with invasive and exotic plant species, but now has been restored with mangroves and other natives



to help promote new growth on the island. The island also has a new paddle path that weaves through the area, which allows for a new and exciting paddling experience for our guests. We can't wait to see how this area changes and grows for the better.



Science with Sam – Flower Fun [Tuesday, April 16th]

During the Flower Fun lesson, students learned the purpose of a flower, how plants use them, how humans and animals use them, and how pollinators see them! Students ventured onto the Trails of Jupiter Lighthouse Outstanding Natural Area with Miss Sam to see flowers blooming, collect a few to create flower projects, and look them with our magnifying glasses. Students created a pressed flower bookmark to take home.

Tots on Trails – Cypress Creek Natural Area [Wednesday, April 17th]

For our last Tots on Trails of the season, we met at Cypress Creek Natural Area. Our little hikers had so much fun making their own binoculars before we set out on the trail. Our path led to the fishing dock and as we went, we spotted dragonflies, whistling ducks, and then a big old alligator! Starting next month and throughout the summer, Tots on Trails becomes Little Otters. This program meets at Blowing Rocks Preserve and includes water exploration. We're excited for new discoveries and a splashing good time!



Wastewater Plant Treatment Tour [Wednesday, April 17th]

The River Center guided a public tour of the Loxahatchee River District’s wastewater treatment plant. This tour included history about the Wild & Scenic River and the founding of the Loxahatchee River District in 1971. Guests were surprised to learn that they should be scraping their dishes before handwashing or putting them in the dishwasher. We also had a lively discussion about “flushable” wipes and what not to flush down their toilets. They were intrigued by the amount of wildlife that we had on our property and how we recycled the water as well as the biosolids created in the process. All our participants were fascinated by the treatment process and the hard work we do.



Great American Cleanup [Saturday, April 20th]



On Saturday, April 20th the River Center participated in the Great American Cleanup at Coral Cove park with Keep Palm Beach County Beautiful. 15 volunteers came out to clean up trash and debris from the sandy beach and dunes of Coral Cove. We collected over 170 pounds of trash and recycling in just two hours. It was a great day for a cleanup and our volunteers were extremely successful in keeping Palm Beach County beautiful.

Swamp Tromp – Cypress Creek [Friday, April 26th]

We spent the early morning off trail in the beautiful cypress swamps at the Cypress Creek Natural Area (North). We could hear all the birds and insects in the still air. The water kept us nice and cool as we traveled the swamps and marshes. We discovered air plants, moss, Christmas lichens, ferns, and artistic looking cypress knees. We even had a lubber join us for part of our travels. Such a fun way to start the day and we can’t wait until our next tromp in May!



Volunteer of the Month



Our March Volunteer of the Month is Mattias Skantze. Mattias has been a volunteer and camp counselor since 2021. He is always so helpful and recently participated in the Animal Care Training. He is now helping with the care of our wonderful animals. Not only is Mattias a wonderful volunteer, animal caretaker and camp counselor, but he has also been pivotal in helping recruit new volunteers. He will always help train them and makes everyone feel welcome. In his free time, he loves to be outside and explore the marine ecosystems. He is also a talented violinist. We can always count on Mattias to step in where needed and get the job done! We are so happy to have him as a part of our volunteer team! Thank you, Mattias, for all that you do to help at The River Center! We appreciate you!

UPCOMING EVENTS

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

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

May 17, 9:30 a.m. – 12:30 p.m.: Kayak Tour [Lainhart Dam]: Join the River Center for our Public Kayak Tour from Lainhart Dam on Friday, May 17th. Paddle along through the freshwater swamp on our naturalist led tour for great views of local wildlife. The cost for this program is \$20 per person. Make sure to reserve your spot today! Space is limited! All equipment is provided. Interested participants should bring water, water shoes and anything that will make them comfortable in nature. Kayak Difficulty Level: Moderate to advance paddlers. This tour consists of narrow waterways, heavy vegetation, and strong currents. We do not recommend this tour for beginners.

May 25, 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.

June 1, 7:30 a.m. – 9:30 a.m.: Sunrise Hike [Jupiter Inlet Lighthouse Outstanding Natural Area]: Come explore with us! Tie up your hiking boots and join the River Center for our Nature Walk through the Jupiter Inlet Lighthouse Outstanding Natural Area. Walk along the guided paths and immerse yourself in this local natural area. We will explore a path inside this natural area with uneven terrain. Interested participants should wear closed toed shoes, long pants(recommended), a walking stick, comfortable clothing and bring plenty of water. Make sure to RSVP to this event! Space is limited.

June 1, 10:00 – 11:30 a.m.: Blooming in the Garden [Goin' on a Crab Hunt]: Join the River Center for our Bloomin' in the Garden program, designed for children ages 3-6. This month's theme is Going on a Crab Hunt! 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! Limited to 15 children (+ their accompanying adults). 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. Please RSVP to attend!

June 8, 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.

June 8, 1:00 – 2:00 p.m.: Intro to Volunteering [New Volunteer Workshop]: Do you have a passion for the environment? Do you enjoy interacting and educating the public? The River Center is looking for enthusiastic and personable volunteers to join our River Center team! Individuals 14+ are invited to attend the next Intro to Volunteering workshop from 1:00 PM – 2:00 PM. For questions or application information please contact our Volunteer Coordinator Rebecca Patterson at 561-339-3107 or Volunteer@Lrecd.org

June 15, All Day Event: AustinBlu Family Fishing Tournament: Calling all anglers! Join the River Center and the AustinBlu Foundation for the annual AustinBlu Fishing tournament on Friday, June 14th. This family-friendly tournament aims to support the education and outreach efforts of the foundation, which is dedicated to teach people about the importance of safety on the water. This unique tournament will showcase not just one competition, but two! Anglers will have the option to compete in our Release Competition and/or the Harvest Competition. In the Release Competition, anglers will

receive points for the number/species of fish caught, photographed, and released. In the Harvest Competition, anglers will compete to catch the heaviest fish out of these 4 categories: Sheepshead, Crevalle Jack, Snapper (any species), Grunts (any species). Fishing will commence at 7:00 am and with lines out of the water at 3:00 p.m. Anglers will have until 4:00 pm to submit and weigh their catches. The tournament celebration will begin at 5:00 pm. Participants can enjoy food and beverages from local eateries. Winners will be announced at 7:00 p.m. Don't miss out on this great opportunity to support a wonderful cause! Registration Opens May 1st!

June 19, 10:00 a.m. – 1:00 p.m.: Old School Science Day: Join the River Center for a day of exciting science fun! Participants will test out different experiments, partake in crafts, and enjoy some great demonstrations and educational fun! This program is free and no RSVP is required to attend or participate. For more questions or inquiries please contact the River Center at 561-743-7123 or RiverCenter@lrcd.org

June 21, 10:00 – 11:00 a.m.: Little Otters [Blowing Rocks Preserve]: Beat the summer heat and get in the water with your little one! Join us once a month throughout the summer at the Nature Conservancy's Blowing Rocks Preserve (574 S Beach Rd, Hobe Sound, FL 33455). We will meet outside the visitors' center on the lagoon side (west side). The River Center will provide dip nets and sand toys. We'll search for urchins, conchs, and crabs while enjoying the natural beauty around us. Adults and children should come prepared to be in the water for an hour. This includes closed toe water shoes, sunscreen, hats, and water bottles. Adults will be responsible for their children during this program. Limited to 15 children (+ their accompanying adults). Siblings of all ages are welcome, just include them in your registration! This program is free of charge. Please RSVP to attend.

June 22, 8:00 a.m. – 4:00 p.m.: Boat America Class [Boating Safely]: Cost: \$10 to register; refunded when class is completed. The River Center continues to collaborate with the US Coast Guard Auxiliary "Flotilla 52" to provide a series of Boating Safely Classes targeted specifically to young boaters in our community. These classes are provided through a generous sponsorship by the AustinBlu Foundation, a not-for-profit dedicated to raising awareness and promoting educational programs to improve boater safety. There is no cost for this class, however there is a deposit required to reserve a seat. The deposit of \$10 will be refunded in full to all students who complete the class. Recommended for children 12 years and up, but all ages are welcome.

June 22, 9:30 a.m. – 11:30 a.m.: Fishing Adventure [Jupiter Inlet Lighthouse Outstanding Natural Area]: Join us for our new summer fishing program! 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. Please RSVP using the link below!

June 27, 9:00 a.m. – 11:00 a.m.: Archery 101 [20-Acre Property]: 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.

June 28, 10:00 a.m. – 12:00 p.m.: Estuary Exploration – Seine & Dip Netting [Blowing Rocks Preserve]: Join the River Center in a day of estuary exploration at our Family Seine and Dip Netting Experience! Activities will include exploring our local waterways searching for urchins, conchs and fish! Please make sure to bring sunscreen, water shoes, and plenty of water! Please RSVP to attend! Check-in for this event will be at Blowing Rocks Preserve.

June 29, 9:00 a.m. – 11:00 a.m.: Swamp Tromp [Cypress Creek North – Route 2]: Come adventure with us! Join the River Center on our Swamp Tromp series as we wade through the freshwaters of Cypress Creek Natural Area on route 2! Walk along the guided paths and immerse yourself in this local natural

area. We will explore a rugged path inside Cypress Creek filled with high grasses, mud, standing water, and thick bushes. Interested participants should wear long pants, a walking stick, bug spray, comfortable clothing and bring plenty of water. CLOSED TOE SHOES ARE REQUIRED TO PARTICIPATE. Water may be knee deep or higher 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 below the age of 12 or participants with limited mobility. This site does NOT have any restroom facilities. Make sure to RSVP to this event! Space is limited.

June 29 – July 28, Jr. Angler Fishing Tournament: The Loxahatchee River District’s River Center, in partnership with Fishing Headquarters, is delighted to announce the 11th Annual Jr. Angler Fishing Tournament. Due to its high popularity, participation for this year’s tournament is expected to grow. Interested anglers should mark their calendars and set their reels for Saturday, June 29th when the contest officially opens. Anglers will have until July 28, 2024 to accumulate points in this unique catch-and-release tournament. Anglers provide a photo of themselves with the fish they catch and then submit it through an app. The contest runs over the course of four weeks instead of just a single day of competition. In addition, the contest awards points not only for the number of fish caught, but also for the number of different species represented in the submissions. The more fish you catch and the more species you catch, the better your chances are to win! These innovative guidelines encourage contestants to spend time throughout the summer exploring the diverse habitats and fish species in Palm Beach and Martin Counties. The tournament is open to anyone between the ages of 5 and 17, but registration is required before submitted photographs can be awarded points. Friday, June 28th: Captain’s Meeting – learn how to use the Reeltime app, review the rules, and pick up your tournament bracelet and lanyard. If you cannot make the meeting an instructional video will be made available on YouTube and emailed to registered participants. Saturday, June 29th: Tournament begins!



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

To: D. Albrey Arrington, Ph.D., Executive Director
From: Ed Horchar Safety Officer
Date: May 8, 2024
Subject: District Safety Report for April 2024

Safety Metrics: March 2024

OSHA recordable injuries: Zero

Lost time injuries: Zero

Actual TRIR: 1.3 [Goal < 1.5]

TRIR = Total Recordable Incident Rate

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

OSHA Recordable Incidents/MVA's:

The LRD did not experience an OSHA Recordable Injury in April. The District has a rolling twelve-month Total Recordable Incident Rate (TRIR) of **1.3**. This is below the District goal of 1.5.

The District did not experience a Motor Vehicle Accident (MVA) in April. With one MVA in the last 12-month period, the MVA incident rate is at 1.1. Below the LRD MVA goal of 2.2.

Sustainment:

Job Hazard Assessment (JHA) activity levels in April was at a total of 1,537. Above March's output and greater than the 12-month rolling average of 1,280 per month. The Wild Pine Lab and River Center continue to increase use of the JHAs and are included in the overall data. The following is an assessment of February JHAs performed per employee in each department:

Reuse:	37 JHA / employee	Construction:	15 JHA / employee
Operations:	36 JHA / employee	Inspection:	30 JHA / employee
Collections:	47 JHA / employee	Wild Pine Lab	4 JHA / employee
Maintenance:	27 JHA / employee	River Center	2 JHA / employee

Stephen B. Rockoff
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BOARD MEMBER

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

JHA and EAM:

In April approximately 98% of all Work Orders (WO) included a JHA. This represents sixteen (17) months in a row in which the District expectation of 95% was exceeded. The following is a District comparison for the percentage of March EAM Work Orders created for which an electronic JHA was completed:

Reuse:	100 %	Construction:	100 %
Operations:	98 %	Inspection:	95 %
Collections:	99 %	Wild Pine Lab	0 Electronic JHA's
Maintenance:	100 %	River Center	0 Electronic JHA

Near Miss Reporting:

There were 7 Near Miss reports initiated in April which is one less than the 12-month rolling average of 8. The Collections Department submitted four near miss reports, Construction submitted two and Inspection submitted one near miss report in April. Three reported conditions are Safety Process Improvements involving the lifting of submerged pumps out of lift stations, the need for a simulated lift station panel for new employee electrical training, and a suggestion to modify an existing tool for a safer method of removing a low-pressure pump impellor. Four reported unsafe conditions involved an inoperable back-up camera on a truck, a fall concern while performing hose PMs on the vac truck, and a lift station grating with visible failing weldments. Upon receiving the Near Miss report, the Safety Officer will collaborate with the report initiator and department Director/Manager to better understand the reported hazard condition and to determine the best corrective action. When warranted, a Work Order is generated that defines the proposed corrective action and person responsible to complete the corrective action. The work orders are tracked until closed, and the status can be viewed on the Safety Intranet page by clicking on the "Near Miss Submission List" under Forms. 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 this Near Miss Reporting System.

Training: The District had one employee complete the New Hire Safety Orientation training in April. The new hire training is a combination of a two-hour classroom training with the Safety Officer orienting the new employee of the Safety Manual, Safety Policies, rules and expectations for District employees. This is followed by various required computer-based safety training to include PPE Awareness, Bloodborne Pathogens, Hazard Communications, Chlorine Awareness, Hydrogen Sulfide (H₂S) Awareness and Heat Stress Safety. Depending on the Job Description, other training may be assigned to include Confined Space Entry, Lock-out / Tag-out, and Fall Arrest. A Construction Department employee attended the two-day Intermediate Management of Traffic (IMOT) training required by the Department of transportation. We are awaiting the test results from the DOT. Overall training completion was at 98% which is higher than the District expectations. Upcoming training will include Trenching and Shoring Safety, Heat Stress Prevention, Electrical Safety and Office Safety, depending on your Job Description.

The District's 2024 Hurricane Plan has been finalized and is posted on the LRD Intranet page. Jim Novak and his team led Hurricane Preparedness and Response training throughout the month of April for applicable District employees. The training has become a well-organized event. Any District employee required to work during a hurricane event, including cross-department volunteers, are trained in critical skills of preparedness and response, while performance proficiency is assessed and documented.

The District **Safety Committee** continues to work on enhancing the Emergency Response Plan. Specifically identifying emergency muster areas throughout the District for fire emergencies and shelter in place locations for potential tornados. Muster signs have arrived at the District and will be posted soon followed by evacuation training and eventually conducting evacuation drills with the coordination of the Safety Committee members. Also, an intercom system for the plant site has been designed. The intercom will be used as an emergency notification system for the plant. The District Leadership Team will be briefed in May with the expectation of testing the system use on a small scale. 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 continue in this direction and demonstrate that 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

loxahatcheeriver.org

MEMORANDUM

TO: Governing Board
FROM: Administration Staff
DATE: May 10, 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	\$ 4,755.00	\$ 75,960.25
Baxter & Woodman	\$ 21,123.99	\$ 169,751.76
Holtz	\$ 13,414.11	\$ 245,453.69
KCI	\$ 7,315.71	\$ 40,539.30
Kimley-Horn & Associates, Inc.	—	\$ 18,312.00
Mock, Roos & Associates	\$ 1,404.75	\$ 6,527.50

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

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Future Business



General:

- Form 1, Statement of Financial Interests via new Electronic Financial Disclosure Management System – due on or before July 1, 2024.
- Required Ethics Training for Board Members (see <https://www.fasd.com/ethics-for-special-districts>)
- Personnel Policies – Florida Guard

Future Contracts:

- Clarifier No. 4 Rehabilitation – Construction Contract
- County Line Road Bridge IQ Main Relocation – Award Construction Contract
- Lift Station 050 Emergency Generator and Automatic Transfer Switch – Award Construction Contract
- Lift Station Control Panel and RTU Upgrades – Award Construction Contract
- Loxahatchee River Subaqueous Force Main Replacement – Award Construction Contract
- Maintenance Facility – Professional Engineering Services – Approval of Qualified Firms
- Warehouse Facility – Professional Engineering Services – Approval of Qualified Firms

