



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929


D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

AGENDA
REGULAR MEETING #06-2022
MARCH 17, 2022 – 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 4](#)
 - C. Additions and Deletions to the Agenda
3. Comments from the Public
4. Status Updates
 - A. Loxahatchee River Watershed [Page 12](#)
 - B. Loxahatchee River District Dashboard [Page 13](#)
5. Consent Agenda (see next page) [Page 14](#)
6. Regular Agenda
 - A. Consent Agenda Items Pulled for Discussion
 - B. Jupiter Inlet Lighthouse Outstanding Nature Area (JILONA)
Septic to Sewer – Award Construction Contract [Page 38](#)
 - C. JILONA Septic to Sewer – Award Engineering Services During
Construction [Page 40](#)
 - D. Liability and Workers Compensation Insurance [Page 44](#)
 - E. 66th Terrace Phase1 Sub-Regional Line Charge [Page 48](#)
 - F. Chapter 31-10, Schedule of Rates, Fees and Charges [Page 50](#)
7. Reports (see next page) Pulled for Discussion
8. Future Business [Page 160](#)
9. Board Comments
10. Adjournment

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

Submitted by: 
Date: March 7, 2022

James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

5. CONSENT AGENDA

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

- A. Final Assessment 181st Street – to approve assessment [Page 15](#)
- B. 5331 Center Street Notice of Intent to Assess (Res. 2022-03) [Page 22](#)
- C. Lift Station 082 Conversion – to reauthorize engineering services contract [Page 30](#)
- D. Personnel Policies & Procedures Section 3.3 Work Week – to approve revisions [Page 33](#)
- E. WastePro Contract – to approve annual renewal [Page 34](#)
- F. Fixed Asset Disposal – to approve disposal [Page 35](#)
- G. Change Orders to Current Contracts – to approve modifications [Page 36](#)

7. REPORTS

- A. Neighborhood Sewering [Page 103](#)
- B. Legal Counsel's Report [Page 105](#)
- C. Engineer's Report [Page 108](#)
- D. Busch Wildlife Sanctuary [Page 115](#)
- E. Director's Report [Page 116](#)



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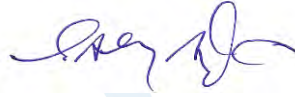
D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

AGENDA PUBLIC HEARING #02-2022 MARCH 17, 2022 - 6:55 P.M. AT DISTRICT OFFICES ALL MEETINGS ARE OPEN TO THE PUBLIC

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

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

Submitted by: 
Date: March 7, 2022

James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

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BOARD MEMBER



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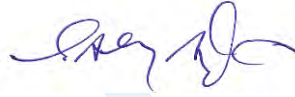
D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

AGENDA PUBLIC HEARING #03-2022 MARCH 17, 2022 - 6:56 P.M. AT DISTRICT OFFICES ALL MEETINGS ARE OPEN TO THE PUBLIC

1. Call to Order and Pledge of Allegiance
2. Roll Call
3. To receive public comments pertaining to the Final Assessment of 181st Street N.
4. Comments from the Board
5. Adjournment

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

Submitted by: 
Date: March 7, 2022

James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER



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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Governing Board
FROM: Recording Secretary
DATE: March 17, 2022
RE: Approval of Meeting Minutes

Attached herewith are the minutes of the Public Hearing and Regular Meeting of February 17, 2022. As such, the following motion is presented for your consideration:

“THAT THE GOVERNING BOARD approve the minutes of the February 17, 2022 Public Hearing and Regular Meeting as submitted.”

James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Ref. 01-2022

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
PUBLIC HEARING – MINUTES
FEBRUARY 17, 2022**

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

Chairman Snyder called the Public Hearing of February 17, 2022 to order at 6:55 P.M.

2. ROLL CALL

The following Board Members were in attendance:

Mr. Snyder
Mr. Boggie
Mr. Rockoff
Dr. Rostock

3. TO RECEIVE PUBLIC COMMENTS PERTAINING TO THE REVISION OF LRD
RULE CHAPTER 31-3 REGULATIONS FOR SEWER SYSTEM

No comments from the public were received.

4. COMMENTS FROM THE BOARD

No comments from the Board were received.

5. ADJOURNMENT

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

BOARD CHAIRMAN

BOARD SECRETARY

RECORDING SECRETARY

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
REGULAR MEETING - MINUTES
FEBRUARY 17, 2022

1. CALL TO ORDER

Chairman Boggie called the Regular Meeting of February 17, 2022 to order at 7:00 PM and explained the various methods of attending the meeting (in person, electronically or telephonically).

2. ADMINISTRATIVE MATTERS

A. ROLL CALL

The following Board Members were in attendance:

Mr. Rockoff
Dr. Rostock
Mr. Snyder
Mr. Boggie

Staff Members in attendance were Dr. Arrington, Mr. Dean, Mr. Howard, Ms. Fraraccio, and Mr. Pugsley.

Consultants in attendance were Mr. Curtis Shenkman and Mr. Hunter Shenkman, Mr. Morton, Nowlen, Holt & Miner, P.A., Courtney Marshall from Baxter & Woodman (via GotoWebinar).

B. PREVIOUS MEETING MINUTES

The minutes of the Regular Meeting of January 20, 2022 were presented for approval and the following motion was made.

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

“THAT THE GOVERNING BOARD approve the minutes of the January 20, 2022 Regular Meeting as submitted.”

C. ADDITIONS & DELETIONS TO THE AGENDA

Pull Item 5G

5G. Fixed Asset Disposal – to approve disposal

“THAT THE GOVERNING BOARD authorize the Executive Director to dispose of tangible personal property asset numbers TE58-1, TE58-2, and TE58-3 in the schedule above in accordance with the District’s Disposal of Surplus Tangible Personal Property Policy.”

3. COMMENTS FROM THE PUBLIC

No comments from the public were received.

4. STATUS UPDATES

A. LOXAHATCHEE WATERSHED STATUS

Dr. Tom Reinert, Regional Director of Florida Fish and Wildlife Conservation Commission provided an update on the Manatee Mortality Event along the east coast.

B. LOXAHATCHEE RIVER DISTRICT DASHBOARD

Dr. Arrington reviewed the District Dashboard.

5. CONSENT AGENDA

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

“THAT THE GOVERNING BOARD approve the Consent Agenda of February 17, 2022 as presented with the exception of item 5G.”

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

A. Central Blvd and Jupiter Park Drive Intersection Improvements – to approve Interlocal Agreement

" THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to execute the Interlocal Agreement Between the Loxahatchee River Environmental Control District and the Town of Jupiter for the Joint Project Participation in the Jupiter Park Drive Improvements Project and the Perpetual Drainage Easement and the Temporary Construction Easement.”

B. Preliminary Assessment 181st Street – to approve assessment

" THAT THE GOVERNING BOARD approve Resolution 2022-02 adopting the 181st ST N. Preliminary Assessment Roll."

C. LS160 and 296 Emergency Generator and ATS – to approve purchase

“ THAT THE DISTRICT GOVERNING BOARD authorize the “piggy-back” of the (FSA&AC) contract FSA20-EQU18.0 with ACF Power Systems, Inc. as detailed in the attached quotes dated 01/24/2022 in the amount of \$ 96,784.00.”

D. Environmental Education COVID-19 Policy – to approve policy

“THAT THE GOVERNING BOARD approve the revised Environmental Education COVID-19 Policy with an effective date of February 18, 2022.”

E. General Services Contract – Electrician Services – to award contract

“THAT THE DISTRICT GOVERNING BOARD authorize award of Bid 22-005-00115 to Hinterland Group, Inc. for an amount not to exceed \$100,000.00”

F. Replacement Grit Classifier and Hydrocyclone Unit – to authorize purchase

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to execute a purchase order to Fluidyne Corporation for the emergency purchase of a replacement grit classifier unit and manufactured paired hydrocyclone unit to be installed at the headworks structure, in the amount of \$64,895.00 plus a contingency amount of \$2,500.00”

6. REGULAR AGENDA

A. CONSENT AGENDA ITEMS PULLED FOR DISCUSSION

Mr. Howard presented results from the RFP process for the Customer Information and Billing system, Payment services, and Print & Mail services solution. The Governing Board considered staff recommendation based upon scoring criteria outlined in the RFP and communications received from Util360.

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to execute the attached sales agreement as a continuing contract with Edmunds GovTech in accordance with their submittal to RFP-22-004-00114 and authorize a purchase order to Edmunds GovTech in the amount of \$66,337.00.”

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

B. Draft Audit for Fiscal Years 2020 & 2021

“THAT THE GOVERNING BOARD receive the Annual Financial Report for the fiscal years ended September 30, 2021 and 2020 as prepared and submitted by Nowlen, Holt & Miner, P.A..”

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

C. LS018, LS041, LS050 and LS054 Main Lining Contract

“THAT THE DISTRICT GOVERNING BOARD authorize the “piggyback” of the St. Johns County Master Contract No. 21-MCC-ATL-13188 with Atlantic Pipe Services, LLC for an amount not to exceed \$1,150,000.”

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

D. Revision of LRD Rule Chapter 31-3 Regulations for Sewer Systems

“THAT THE DISTRICT GOVERNING BOARD approve Rule Chapter 31-3 Regulations for Sewer Systems, as revised, with an effective date of February 21, 2022.”

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

E. Discussion of Chapter 31-10, Schedule of Rates, Fees and Charges (Rate Study)

Dr. Arrington discussed Chapter 31-3 Rates, Fees & Charges – Rate Study and noted that proposed revisions and any subsequent revisions deemed necessary will be presented for Board approval next month (March 2022).

No motion required

F. Drug & Alcohol Testing Policy For DOT-Covered Commercial Drivers

“THAT THE DISTRICT GOVERNING BOARD approves the attached Drug & Alcohol Testing Policy for DOT-Covered Commercial Drivers with an effective date of February 21, 2022 and repeals the District Commercial Motor Vehicle Driver Controlled Substance and Alcohol Use and Testing Policy for Employees that Utilize a CDL for District Purposes effective February 21, 2022.”

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

G. Drug-Free Workplace Policy

“THAT THE DISTRICT GOVERNING BOARD approves the attached Drug-Free Workplace Policy with an effective date of February 21, 2022.”

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

7. REPORTS

The following 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

Dr. Arrington reviewed Future Business.

9. COMMENTS FROM THE BOARD

10. ADJOURNMENT

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

“That the Regular Meeting of February 17, 2022 adjourns at 9:01 PM.”

BOARD CHAIRMAN

BOARD SECRETARY

RECORDING SECRETARY



Operational Greenhouse Gas Emissions and Cost Assessment



LOXAHATCHEE RIVER DISTRICT'S EXECUTIVE DASHBOARD



		Stewardship	Pre-Treatment	Collection & Transmission		Wastewater Treatment			Reclaimed Water	EHS	General Business					River Health		
		# People educated at RC	Grease Interceptor Inspections	Customer Service	Unauthorized Discharge of Sewage	Mean Daily Incoming Flow	Permit exceedance	NANO Blend to Reuse (@ 511)	Delivery of Reclaimed Water	Employee Safety	Cash Available	Revenue (excluding assessment & capital contrib.)	Operating Expenses	Capital Projects		Minimum Flow Compliance	Salinity @ NB seagrass beds	River Water Quality
Units		% of Target	% requiring pump out	# blockages with damage in home	Gallons; # impacting surface waters	million gallons/day	# occurrences	Max Specific Conductance (umhos/cm)	# days demand not met	# of OSHA recordable injuries	\$	% of Budget	% of Budget	% within budget	average # days ahead (behind) schedule	# Days MFL Violation	‰	Fecal Coliform Bacteria (cfu/100ml)
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
2019 Baseline		100%	9	1	8,022	6.8	0	1,229	1	0.3	\$ 35,137,006	100%	89%	95%		2	22.9	1 > 200
2020 Baseline		34%	8	0	3,292	7.2	0	1,183	1	0.3	\$ 35,350,661	100%	90%	91%	-15	7	14.6	2 > 200
2021 Baseline		113%	16	0.3	1,130	7.1	0	1,294	2	0.2	\$ 40,651,532	97%	89%	79%	-34	0	24.3	3 > 200
2021	Feb	65%	30	0	5,457; 3	7.4	0	1,483	0	0	\$ 39,492,533	99%	84%	83%	(20)	0	31.7	3 > 200
	Mar	99%	14	1	40; 0	7.3	0	1,467	0	0	\$ 39,571,784	98%	83%	75%	(25)	0	32.6	0 > 200
	Apr	134%	27	0	1,000; 1	7.3	1	1,392	0	0	\$ 39,702,370	97%	87%	76%	(19)	5	32.2	1 > 200
	May	92%	12	0	612; 1	6.9	0	1,362	4	1	\$ 41,642,323	96%	86%	76%	(15)	0	32.1	1 > 200
	June	142%	9	0	8; 0	6.7	0	1,404	16	0	\$ 41,162,307	95%	88%	76%	(17)	0	32.0	3 > 200
	July	205%	10	0	266; 0	6.6	0	1,336	0	0	\$ 40,444,121	95%	94%	76%	(27)	0	27.2	2 > 200
	Aug	160%	14	1	2,060; 0	6.9	0	1,243	0	0	\$ 42,047,326	95%	89%	76%	(42)	0	16.9	5 > 200
	Sept	192%	11	0	357; 0	6.8	0	1,300	1	0	\$ 40,450,479	95%	86%	76%	(61)	0	17.2	6 > 200
	Oct	77%	18	0	1,050; 1	7.0	0	1,221	0	0	\$ 40,516,049	94%	100%	79%	(55)	0	19.3	6 > 200
	Nov	75%	12	0	565; 0	7.4	0	1,164	0	1	\$ 42,924,083	97%	91%	81%	(49)	0	9.9	3 > 200
	Dec	67%	12	0	1,500; 0	7.3	0	1,021	0	0	\$ 42,827,478	106%	98%	78%	(55)	0	18.6	0 > 200
2022	Jan	65%	16	0	25; 0	7.3	0	1,154	0	0	\$ 42,677,604	103%	95%	77%	(42)	0	27.9	4 > 200
	Feb	79%	8	0	225; 0	7.3	0	1,383	0	0	\$ 44,675,863	101%	94%	80%	(54)	0	30.2	3 > 200
Consecutive Months at Green		0	1	6	2	153	10	137	8	3	150	4	11	1	0	10	2	0
Metric Owner		O'Neill	Pugsley	Dean	Dean	Pugsley	Pugsley	Pugsley	Dean	Horchar	Fraraccio	Fraraccio	Fraraccio	Dean	Dean	Howard	Howard	Howard

Metric

Stewardship

Capital Projects (time)

River Water Quality

Explanation

Our targets are now 80% of pre-COVID levels. While our community appears to be rebounding from the Omicron variant, we continue to see depressed attendance and participation at the River Center.

The overall Capital Program schedule slipped through February. Olympus Dr and Cleaning & TV Inspection projects did not close out over February. Both are now anticipated to close in March. Clarifier # 3 rebid and the Lift Station Telemetry project are scheduled for construction contract award in April where they will reset on the schedule for contracting and construction periods. See Kris' report for a more thorough discussion of these projects.

High fecal coliform bacteria (>200 cfu/100 ml) were observed at Stations 95 (Jupiter Farms Canal 1), 67 (NW Fork @ Trapper Nelson's dock), and 100 (mouth of Cypress Creek). See Bud's report for additional details.



LOXAHATCHEE RIVER DISTRICT

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FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Governing Board
FROM: Administration Staff
DATE: March 7, 2022
SUBJECT: Consent Agenda

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

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

- A. Final Assessment 181st Street – to approve assessment
- B. 5331 Center Street Notice of Intent to Assess (Res. 2022-03)
- C. Lift Station 082 Conversion – to reauthorize engineering services contract
- D. Personnel Policies & Procedures Section 3.3 Work Week – to approve revisions
- E. WastePro Contract – to approve annual renewal
- F. Fixed Asset Disposal – to approve disposal
- G. Change Orders to Current Contracts – to approve modifications

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

The following Motion is provided for Board consideration:

“THAT THE GOVERNING BOARD approve the Consent Agenda of March 17, 2022 as presented.”

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

James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Curtis Shenkman, P.A.

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March 9, 2022

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

Re: Resolution 2022-04 and FINAL Assessment Roll for 181st ST. N.

Dear Albrey:

Attached to this letter is Transfer of Property Lien, Resolution 2022-04, Exhibit "A" Final Assessment Roll, Exhibit B Map, and the most recent list of property owners, as part of the Resolution.

A SUGGESTED MOTION for the Board at the March 17, 2022 meeting is as follows:
"THAT THE GOVERNING BOARD approve Resolution 2022-04 adopting the
181st ST. N. FINAL Assessment Roll and Exhibits."

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RESOLUTION NO. 2022-04

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO THE **181ST ST. N.** ASSESSMENT AREA IMPROVEMENTS; ADOPTING THE ASSESSMENT ROLL FOR **181ST ST. N.** ASSESSMENT AREA IMPROVEMENTS; CONFIRMING SAID SPECIAL ASSESSMENT ROLL AS ATTACHED HERETO AS EXHIBITS “A” AND “B”; PROVIDING FOR ELLIS RULE COMPLIANCE; PROVIDING FOR DECLARING LINE AVAILABLE FOR CONNECTION; PROVIDING THE SPECIAL ASSESSMENTS SHALL BE COLLECTED AS NON-AD VALOREM SPECIAL ASSESSMENTS ON THE REAL ESTATE TAX BILL; AUTHORIZING THE DISTRICT CLERK TO PREPARE AND DELIVER THE NON-AD VALOREM SPECIAL ASSESSMENT ROLL TO THE PALM BEACH COUNTY AND MARTIN COUNTY PROPERTY APPRAISERS, TAX COLLECTORS, AND FLORIDA DEPARTMENT OF REVENUE; PROVIDING FOR CONSISTENCY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District”) has authorized the sewer improvements constructed in the **181ST ST. N.** Assessment Area; and

WHEREAS, The District’s previous Resolutions **2018-30 & 2022-02** were approved by the District’s Governing Board and directed the preparation of the Assessment Roll.

WHEREAS, the Governing Board, on the 17th day of March, 2022 at 6:55 P.M., sat as Board of Adjustment as provided in District Rule 31-11.005, and held the Public Hearings under Florida Statutes Chapter 197.

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

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

Section 2. The Special Assessment is in compliance with the “Ellis Rule” requirement of District Rule 31-10.011, and Resolution Nos. **2018-30 & 2022-02** of the District.

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

RESOLUTION **2022-04**

Loxahatchee River Environmental Control District

Section 4. Availability for Connection and Required Connection.

The waste water and sewerage system was “Available” for connection in accordance with District Rule 31-3.003(3) and Florida Statutes 381.0065(2)(a) when the Florida Department of Health released the system for service on December 15, 2021, which is the date of actual “Availability”. In accordance with Florida Statutes 381.00655, the affected property owners shall be required to connect to the sewerage system within one (1) year of the actual Availability.

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

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

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

PASSED AND ADOPTED BY THE GOVERNING BOARD OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, THIS 17th day of March, 2022.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT:

VOTE

JAMES D. SNYDER

GORDON M. BOGGIE

STEPHEN B. ROCKOFF

DR. MATT H. ROSTOCK

EXHIBIT "A"
FINAL ASSESSMENT ROLL
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
181ST ST. N.ASSESSMENT AREA

TOTAL COSTS AND EXPENSES RELATED TO THE IMPROVEMENTS. The District shall consider the **total** costs and expenses related to the improvements in the **181ST ST. N.** Assessment Area shall be **\$19,800.14** per parcel of property in the **181ST ST. N.** Area.

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

ASSESSMENT BASED ON PARCEL OF PROPERTY. Each Parcel of Property in the **181ST ST. N.** Assessment Area identified on EXHIBIT "B" shall be currently assessed in the amount of **\$17,820.12**.

PAYMENT OF ASSESSMENT. As to Parcels of **181ST ST. N.** Assessment Area Property in EXHIBIT "B", the **\$17,820.12** assessment may be paid, interest free, at the office of the District on or before May 1, 2023.

Owners who do not pay the \$17,820.12 assessment on or before May 1, 2023 shall have the \$17,820.12 principal added to the tax roll as a non-ad valorem assessment to accrue interest, beginning October 1, 2022, at five and twenty-five hundredths percent (5.25%) per annum, to be collected in twenty (20) equal annual installments of \$1,460.40, commencing with the November 1, 2022 Real Estate Tax Bill.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

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

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

**TRANSFER OF PROPERTY LIEN TO NON-AD
VALOREM TAX BILL & CERTIFICATION OF SPECIAL
ASSESSMENT ROLL FOR 181ST ST. N. SPECIAL ASSESSMENTS**

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida created and existing pursuant to Chapter 2002-358, Laws of Florida (the "District"), gives public notice that the District's Governing Board as of and effective on the 17th day of MARCH, 2022, passed Resolution 2022-04 which is attached hereto, approving the non-ad valorem tax bill, AND TRANSFERRING THE RECORDED LIEN ON PROPERTIES IDENTIFIED AS BEING PART OF THE **181ST ST. N.** AREA LISTED IN THE FOLLOWING DOCUMENTS, as recorded in the Public Records of **PALM BEACH** County, Florida:

1. Pending Lien Notice of Intent to Assess, and Resolution **2018-30**, recorded on **October 22, 2018** in **Official Record Book 30197, Pages 0762 through 0768** in the Public Records of Palm Beach County, Florida.

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, hereby certifies on MARCH 17, 2022, the information contained herein is true and accurate.

WITNESSES:

LOXAHATCHEE RIVER ENVIRONMENTAL
CONTROL DISTRICT

By: _____

D. Albrey Arrington, Ph.D.
Executive Director

STATE OF FLORIDA
COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me by means of X physical presence or ___ online notarization on March 17, 2022, by D. Albrey Arrington, Ph.D., EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, on behalf of the District, who is personally known to me.

(Notary Seal)

NOTARY PUBLIC, STATE OF FLORIDA

Mr. & Mrs. Gianni Bertuzzelli
502 Pelican Ln N
Jupiter FL 33458
re: 7063 181st St N
00-42-40-33-00-000-5430

Mr. & Mrs. Gianni Bertuzzelli
400 W Indiantown Rd
Jupiter FL 33458
re: 7146 181st St N
00-42-40-33-00-000-5450

B Brancato/G Bertuzzelli
400 W Indiantown Rd
Jupiter FL 33458
re: 7232 181st St N
00-42-40-33-00-000-5460

Mr. & Mrs. Gianni Bertuzzelli
502 Pelican Ln N
Jupiter FL 33458
re: 7188 181st St N
00-42-40-33-00-000-5480

Ms. Ivana Bertuzzelli
502 Pelican Ln N
Jupiter FL 33458
re: 7064 181st St N
00-42-40-33-00-000-5490

Ms. Shirley Williams
7107 181st St N
Jupiter FL 33458
re: 7107 181st St N
00-42-40-33-00-000-5500

Mr. & Mrs. Blayne Stone
7067 181st St N
Jupiter FL 33458
re: 7067 181st St N
00-42-40-33-00-000-5780

Mr. Milton Hazel
7149 181st St N
Jupiter FL 33458
re: 7149 181st St N
00-42-40-33-00-000-5800

7177 181st Street Land Trust
217 N Seacrest Blvd # 413
Boynton Beach FL 33435
re: vac 182nd Rd N
00-42-40-33-00-000-5840

Mr. Sebastian Jones Sr
7106 181st St N
Jupiter FL 33458
re: 7104 181st St N
00-42-40-33-00-000-5850

Ms. Barbara Boutros
PO Box 2012
Jupiter FL 33468
re: 7128 181st St N
00-42-40-33-00-000-5860

EXHIBIT "B"

181ST STREET N.

SEWER SYSTEM ASSESSMENT AREA



LEGEND

 NOT IN ASSESSMENT AREA

JUPITER, FLORIDA

10-9-2018

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

**Hunter C.
SHENKMAN**
Attorney

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

LEGAL ASSISTANTS
JUDY MONTEIRO
DENISE B. PAOLUCCI
REBECCA TWOMEY

Sent by email March 11, 2022

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

Re: Initial Resolution for **5331 CENTER STREET** Assessment Area

Dear Dr. Arrington:

Per your request, please attach to this letter the Pending Lien Notice, Notice of Intent to Assess, Resolution 2022-03, 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 2022-03 the NOTICE OF INTENT to Assess, the Pending Lien Notice, and the Exhibits for the **5331 CENTER STREET** 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: WC-53
Curtis L. Shenkman, Esquire
Curtis Shenkman, P.A.
4400 PGA Blvd, Suite 300
Palm Beach Gardens, Florida 33410

PENDING LIEN NOTICE
5331 CENTER STREETASSESSMENT AREA

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, created in 1971 and existing pursuant to Chapter 2002-358, Laws of Florida (hereinafter referred to as the "District", hereby clarifies the lien status of the "Notice of Intent to Assess" attached hereto and made a part hereof (referred to as the "Pending Lien").

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

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

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, herein certifies that on this 17th day of March, 2022, the information contained herein is true and accurate.

WITNESSES: LOXAHATCHEE RIVER ENVIRONMENTAL
CONTROL DISTRICT

By: _____
D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR
[DISTRICT SEAL]

STATE OF FLORIDA
COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me this 17th day of March, 2022, 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
5331 CENTER STREET 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 2002-358, Laws of Florida**, (the “Act”), hereby gives public notice that the District’s Governing Board on the 17th day of March, 2022, passed Resolution **2022-03**, authorizing the construction of certain local sewer improvements as further described in said Resolution **2022-03**, 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 17th day of March, 2022, that the information contained herein is true and accurate.

WITNESSES:

D. Albrey Arrington, Ph.D.
Executive Director

STATE OF FLORIDA
COUNTY OF PALM BEACH

SWORN TO and subscribed before me by means of physical presence this 17th day of March, 2022, 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

Special/Assessment/NoticeIntentToAssess

RESOLUTION 2022-03

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO **5331 CENTER STREET** 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 **5331 CENTER STREET** 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 “**5331 CENTER STREET**” 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 **5331 CENTER STREET** 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 **5331 CENTER STREET** 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 17th DAY OF MARCH, 2022.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

VOTE

JAMES D. SNYDER

GORDON M. BOGGIE

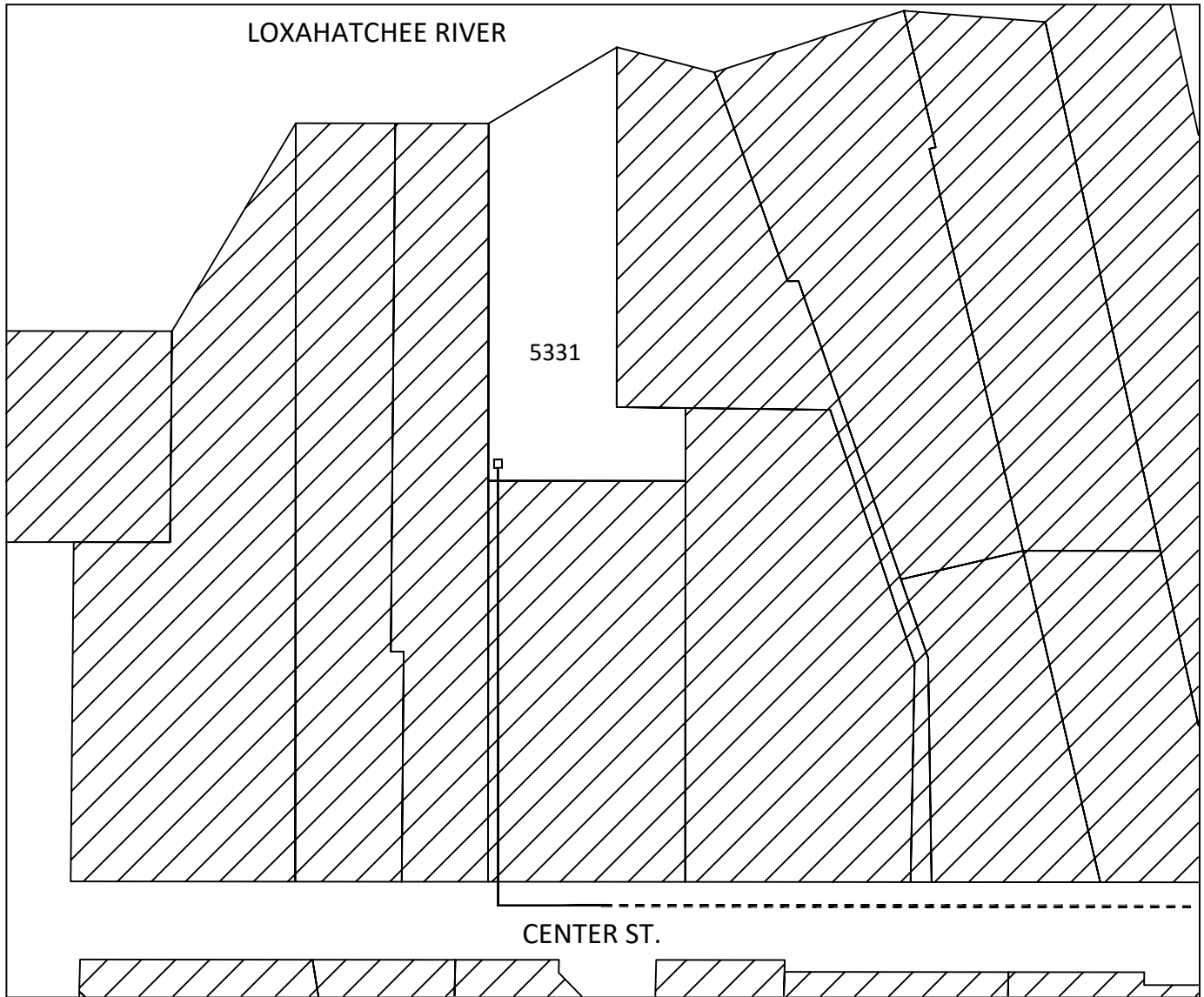
STEPHEN ROCKOFF

DR. MATT H. ROSTOCK

EXHIBIT "B"

5331 CENTER STREET

LOW PRESSURE ASSESSMENT AREA



LEGEND

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

JUPITER, FLORIDA

9/21/2021

5331 CENTER ST EXH-B

EXHIBIT “B”

PROPOSED SEWER SERVICE ASSESSMENT AREA

5331 CENTER STREET ASSESSMENT AREA

The properties to be provided sewer service are located within Section 35, Township 40 South, Range 42 East, Jupiter, Palm Beach County, Florida and lies within the following general boundaries:

On the North by SW fork of Loxahatchee River,
On the South by Center Street.

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

- 1 Service
- 1 Low Pressure Pumping Units

Mr. Steven Kuveikis
5331 Center Street
Jupiter FL 33458
re: 5331 Center Street
00-42-40-35-00-006-0080



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: March 1, 2022

SUBJECT: Lift Station 082 Conversion: Reauthorization of Engineering Services Contract

In December 2018 the District issued purchase order 18-1421 to Holtz Consulting Engineers for survey, design, permitting, bidding and services during construction for Lift Station 082 Conversion in the amount of \$76,249.00. This project will convert Lift Station 082, the last Davco can station, to a standard submersible lift station with capacity to repump the District service area east of the Intracoastal from Jupiter Inlet south through Juno Beach. The project will include demolition of the existing can, conversion of the wet pit to a wetwell, triplex configured submersible pumping system, electrical and controls and emergency standby generator with ATS.

Project coordination with the Town of Jupiter and Jupiter Shoppes has resulted in additional engineering services to resolve traffic control concerns with the Town of Jupiter and Jupiter Shoppes and easements to accommodate a larger generator footprint. Additionally, staff is requesting an increase in engineering inspector presence during onsite construction. Holtz Consulting Engineers has submitted the attached work authorization for these additional services during construction in the amount of \$14,000.

Staff recommend the following motion:

“THAT THE DISTRICT GOVERNING BOARD authorize work authorization 2020-8 with Holtz Consulting Engineers for additional services during construction in the amount of \$14,000.00 and a contingency amount of \$7,500.00”

James D. Snyder
CHAIRMAN

Gordon M. Bogie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

**AGREEMENT BETWEEN
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT AND
HOLTZ CONSULTING ENGINEERS, INC.
FOR PROFESSIONAL ENGINEERING SERVICES
MASTER LIFT STATION #82 REHABILITATION
ADDITIONAL SERVICES DURING CONSTRUCTION**

WORK AUTHORIZATION: 2020-8

BACKGROUND

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

This project includes the improvements of the District's Master Lift Station #82 from a dry pit (dry can) lift station to a triplex submersible lift station that meets current District standards to increase efficiency of wastewater transfer to the treatment plant and reduce maintenance hazards and overall maintenance cost at the lift station.

The Notice to Proceed was issued on June 17, 2021 to the Contractor with a final completion date of March 19, 2022. Due to issues with obtaining approval from the shopping plaza owner and the Town of Jupiter regarding the maintenance of traffic plan and supply of materials, the Contractor has not yet mobilized on the project site.

This work authorization is for the additional engineering services during construction encumbered for the project due to the additional contract time as well as increasing the inspection time to 10 hours per week by HCE's inspector.

SCOPE OF WORK

Specific tasks include the following:

TASK 1 – ADDITIONAL ENGINEERING SERVICES DURING CONSTRUCTION

During the construction phase of the Project, HCE will provide the following services:

1. Two additional progress meetings conducted for the project, including a site meeting with the Contractor and property manager of the shopping plaza.
2. Contract administration and correspondence regarding Town of Jupiter and shopping plaza approval of the project. Correspondence regarding materials supplies and schedules. Preparation of exhibits for the property manager of the shopping plaza. Assistance with the

- generator relocation for the project and revision of engineering drawings.
3. Increase of the part time construction observation from five hours to ten hours per week (for a duration of 12 weeks) to determine that the project is being constructed in substantial conformance with the permitted drawings to certify completion of construction to the FDEP and evaluate the Contractor's compliance with the Contract Documents.

DELIVERABLES

TASK	DELIVERABLE	QUANTITY
Task 1 – Additional Engineering Services During Construction	Meeting minutes, responses to RFI's and work change directives, and copies of exhibits prepared	Electronically Transmitted

TIME OF COMPLETION

HCE shall complete the project as outlined below in the project schedule.

- Task 1 – Additional Engineering Services During Construction – 21 weeks from Notice to Proceed

SCHEDULE OF FEES

Proposed labor costs for engineering services Lump Sum (LS) are tabulated below and detailed in Attachment A.

TASK	ENGINEERING FEE
Task 1 – Engineering Services During Construction	\$14,000.00
TOTAL AMOUNT	\$14,000.00

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

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

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

Date

HOLTZ CONSULTING ENGINEERS, INC.

By: _____
Andrea Holtz, PE, President

Date



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

Memorandum

To: Governing Board
From: Kara Peterson, Director of Finance and Administration
Date: March 11, 2022
Subject: Personnel Policies and Procedures, Section 3.3 – Work Week

The Fair Labor Standards Act defines a workweek as “a period of 168 hours during a 7 consecutive 24-hour periods.” It may begin on any day of the week and at any hour of the day established by the employer. The District’s current work week begins at 7:31 a.m. Saturday and ends at 7:30 a.m. the following Saturday. Staff is requesting our workweek be changed to start at the beginning to the day (12:00 a.m.) instead of mid-morning (7:31 a.m.) because the existing work week period has caused confusion and additional work in our new timekeeping system (ADP). This change would require an update to the Personnel Policies and Procedures, Section 3.3 – Work Week. Staff would like to replace the existing workweek definition to what we have redlined below:

3.3 Work Week

The workweek shall start on ~~7:31~~ 12:00 a.m. Saturday and end at ~~7:30 am~~ 11:59:59 p.m. the following ~~Saturday~~ Friday. The basic workweek for all Regular Full-Time employees is 40 hours per week except where other provisions are specifically approved in advance. The Division Directors may approve deviations from the basic workweek for individual activities or individual positions when such deviations can be demonstrated to be in the best interest of the District, the Division and the employee. Daily hours of work and workdays may vary according to the service requirements of the Division.

During the transition to making this change seven employees will be affected with a “short” pay period. It is our intent to use Administrative Pay to keep these employees whole during the transition. We have determined the costs of this to be less than \$625.

At this time, I request the Board to consider the following motion:

“THAT THE DISTRICT GOVERNING BOARD ratify and approve the Loxahatchee River Environmental Control District’s Personnel Policies & Procedures Section 3.3 – Work Week as revised with an effective date of March 19, 2022, 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.”

James D. Snyder
CHAIRMAN

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Gordon Boggie
BOARD MEMBER



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D. Executive Director
FROM: Jason A. Pugsley, P.E. Operations – Plant Manager
DATE: March 10, 2022
SUBJECT: Waste Disposal Contract Extension – Waste Pro of Florida, Inc.

The District previously solicited bids for Waste Disposal in February 2019 as part of ITB No. 19-001. A total of three (3) responsive bids were received and specific services were awarded to each of the three bidders which included Waste Pro, Republic Services of Florida and Waste Management. The Agreement to each bidder was for an initial twenty-four (24) month term with the option to renew the Agreement for three (3) additional years executed on a 12-month basis. Prior to execution of the original agreement, Waste Pro of Florida, Inc. acquired Republic Services of Florida. As such, Waste Pro was subsequently awarded the following specific Bid Items:

Bid Item No. 2:	Special Waste – Grit (Headworks)
Bid Item No. 3:	Special Waste – Grit (Headworks - Spare)
Bid Item No. 4:	Special Waste – Dirt (Vac-Con Pit – 1 of 2)
Bid Item No. 5:	Special Waste – Dirt (Vac-Con Pit – 2 of 2)
Bid Item No. 6:	Waste – Yard Waste (Maintained at Lakes)
Bid Item No. 7:	Waste – Yard Waste (Maintained at Lakes)
Bid Item No. 8:	Waste – Industrial Construction Material (Maintained at Lakes).

It is the opinion of Staff that Waste Pro has done a satisfactory job, and we support continuing the contract for the second of three potential one-year renewals. Under the terms of the agreement, a rate increase equivalent the CPI-U published index for June of the prior year is warranted, not to exceed 5.0%. The June 2021 CPI-U was published as 5.4%.

Staff recommends the following motion for approval:

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to execute a contract extension with Waste Pro of Florida for Bid Item No’s. 2 through 8 as outlined in ITB No. 19-001 and in accordance with the contract specifications and the rates specified within their Bid dated February 6, 2019 including a 5.0% increase per the June 2021 Consumer Price Index.”

James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER



Fixed Asset Disposal

No Fixed Assets are presented for Disposal this month.

J:\Board\Notebook\Change Orders-None





Change Orders

No Change Orders are presented
for Board consideration this month.



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LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D.
FROM: Kris Dean, P.E., Deputy Executive Director/Director of Engineering
DATE: March 17, 2022
SUBJECT: Jupiter Inlet Lighthouse Outstanding Natural Area – Recommendation of Award of Construction Contract

From the BLM's Statement of Work,

"The JILONA was designated by Congress in 2008 for the protection and enhancement of seven key resources and values present on the site: historic, natural and cultural resources, and scientific, education and interpretation, recreation, and scenic values. Within its designation Congress tasked the BLM with management of the ONA and made the area part of the National Conservation Lands. Congress recognized the area as unique and nationally significant, made more so by the fact that the site is one of only three congressionally designated ONAs in the country and the only complete unit of National Conservation Lands east of the Mississippi.

The ONA is visited by over 100,000 people each year, and is home to BLM administration facilities, recreational infrastructure, partner operations and a range of non-operating structures that have remained behind from previous military and civilian uses of the land. All facilities within the federal lands portions of the ONA currently operate on septic systems."

In April 2021 the District entered into a contract with the BLM to provide engineering and construction services for the septic to sewer conversion of the JILONA and undergrounding of existing overhead FPL power and Comcast communication. Subsequent to this agreement the District designed, permitted and bid the construction contract. Bids were received on March 15, 2022 as summarized below and detailed in the attached Bid Tabulation. Note, both Prince Land, Inc. and Jamie Underground, Inc. bid's contained minor mathematical errors. Correction of the errors did not alter the bid order.

Prince Land, Inc.	\$1,154,609.00
Jamie Underground, Inc.	\$1,194,490.00
CK Contractors, Inc.	\$1,583,366.00

As the apparent low, an evaluation of Prince Land, Inc.'s bid was performed. They were found to be responsive and responsible, as such, staff recommend the following motion:

"THAT THE DISTRICT GOVERNING BOARD award ITB 21-006-00105 to Prince Land, Inc. in the amount of \$1,154,609.00 and a contingency in the amount of \$115,000.00.

James D. Snyder
CHAIRMAN

Gordon M. Bogie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Loxahatchee River Environmental Control District
Jupiter Inlet Lighthouse Septic to Sewer Conversion
ITB No. 21-006-00105
Bid Tabulation

ITEM		DESCRIPTION	QTY	UNIT	Prince Land		Jamie Underground		CK Contractors	
					Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
General/Permit										
1		MOBILIZATION, DEMOBILIZATION, BONDS & INSURANCE	1	LS	\$ 108,999.00	\$ 108,999.00	\$ 30,000.00	\$ 30,000.00	\$ 118,000.00	\$ 118,000.00
2		MAINTENANCE OF TRAFFIC	1	LS	\$ 6,690.00	\$ 6,690.00	\$ 8,500.00	\$ 8,500.00	\$ 8,875.00	\$ 8,875.00
3		AS-BUILT RECORD DRAWINGS	1	LS	\$ 45,900.00	\$ 45,900.00	\$ 60,000.00	\$ 60,000.00	\$ 26,600.00	\$ 26,600.00
4		AUDIO VIDEO DOCUMENTATION	1	LS	\$ 2,700.00	\$ 2,700.00	\$ 5,000.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00
5		NPDES PERMIT/EROSION MEASURES	1	LS	\$ 8,325.00	\$ 8,325.00	\$ 10,500.00	\$ 10,500.00	\$ 625.00	\$ 625.00
Gravity Sewer and Sanitary Services										
6	8"	PVC SANITARY SEWER PIPE (Ø - 6')	970	LF	\$ 52.00	\$ 50,440.00	\$ 65.00	\$ 63,050.00	\$ 67.00	\$ 64,990.00
7	8"	PVC SANITARY SEWER PIPE (Ø - 8')	500	LF	\$ 70.00	\$ 35,000.00	\$ 80.00	\$ 40,000.00	\$ 71.00	\$ 35,500.00
8	4"	MANHOLE (Ø - 6')	5	EA	\$ 5,515.00	\$ 27,575.00	\$ 8,000.00	\$ 40,000.00	\$ 7,400.00	\$ 37,000.00
9	4"	MANHOLE (Ø - 8')	2	EA	\$ 6,150.00	\$ 12,300.00	\$ 12,500.00	\$ 25,000.00	\$ 9,000.00	\$ 18,000.00
10	4"	PVC LATERAL - SINGLE SERVICE W/ CLEAN-OUT	5	EA	\$ 4,080.00	\$ 20,400.00	\$ 3,000.00	\$ 15,000.00	\$ 9,150.00	\$ 45,750.00
11	6"	PVC LATERAL - DOUBLE SERVICE W/CLEANOUT	1	EA	\$ 4,420.00	\$ 4,420.00	\$ 4,500.00	\$ 4,500.00	\$ 3,875.00	\$ 3,875.00
Low Pressure Sewer and Pump Stations										
12	2"	PVC FORCE MAIN AND FITTINGS	310	LF	\$ 18.00	\$ 5,580.00	\$ 28.00	\$ 8,680.00	\$ 30.00	\$ 9,300.00
13	2"	HDPE FORCE MAIN AND FITTINGS	670	LF	\$ 38.00	\$ 25,460.00	\$ 28.00	\$ 18,760.00	\$ 39.00	\$ 26,130.00
14	1.5	SINGLE LOW PRESSURE SERVICE	3	EA	\$ 2,475.00	\$ 7,425.00	\$ 1,600.00	\$ 4,800.00	\$ 3,400.00	\$ 10,200.00
15		INSTALL COMMERCIAL (DUPLEX) GRINDER PUMP STATION AND FURNISH AND INST ALL CONCRETE PA	1	LS	\$ 57,510.00	\$ 57,510.00	\$ 40,000.00	\$ 40,000.00	\$ 39,500.00	\$ 39,500.00
16		INSTALL SIMPLEX GRINDER PUMP STATION	3	EA	\$ 19,735.00	\$ 59,205.00	\$ 20,000.00	\$ 60,000.00	\$ 11,200.00	\$ 33,600.00
17		INSTALL 6' CHAIN LINK FENCE	50	LF	\$ 60.00	\$ 3,000.00	\$ 250.00	\$ 12,500.00	\$ 160.00	\$ 8,000.00
18		CHAIN LINK GATE	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 5,200.00	\$ 5,200.00	\$ 1,250.00	\$ 1,250.00
19		CONNECT 2" PVC FORCE MAIN TO EXISTING 2" FORCE MAIN	1	EA	\$ 1,235.00	\$ 1,235.00	\$ 1,500.00	\$ 1,500.00	\$ 5,500.00	\$ 5,500.00
20		TERMINAL FLUSHING PORT	1	EA	\$ 1,725.00	\$ 1,725.00	\$ 1,950.00	\$ 1,950.00	\$ 4,250.00	\$ 4,250.00
21		INLINE FLUSHING PORT	1	EA	\$ 4,525.00	\$ 4,525.00	\$ 4,400.00	\$ 4,400.00	\$ 6,775.00	\$ 6,775.00
22		AIR RELEASE VALVE	1	EA	\$ 4,125.00	\$ 4,125.00	\$ 7,500.00	\$ 7,500.00	\$ 6,150.00	\$ 6,150.00
Water Main										
23	8"	PVC WATER MAIN	1,750	LF	\$ 53.00	\$ 92,750.00	\$ 80.00	\$ 140,000.00	\$ 63.00	\$ 110,250.00
24	6"	PVC WATER MAIN	1,000	LF	\$ 41.00	\$ 41,000.00	\$ 50.00	\$ 50,000.00	\$ 67.00	\$ 67,000.00
25		DUCTILE IRON FITTINGS	1	TN	\$ 16,805.00	\$ 16,805.00	\$ 21,500.00	\$ 21,500.00	\$ 32,900.00	\$ 32,900.00
26	8"	GATE VALVE	4	EA	\$ 2,510.00	\$ 10,040.00	\$ 3,250.00	\$ 13,000.00	\$ 2,800.00	\$ 11,200.00
27	6"	GATE VALVE	4	EA	\$ 1,875.00	\$ 7,500.00	\$ 3,000.00	\$ 12,000.00	\$ 2,250.00	\$ 9,000.00
28		FIRE HYDRANT ASSEMBLY W/6" GATE VALVE	3	EA	\$ 6,655.00	\$ 19,965.00	\$ 7,200.00	\$ 21,600.00	\$ 8,000.00	\$ 24,000.00
29		BLOWOFF ASSEMBLY	2	EA	\$ 1,865.00	\$ 3,730.00	\$ 2,250.00	\$ 4,500.00	\$ 3,350.00	\$ 6,700.00
30		PRESSURE TESTING & CHLORINATING NEW WATER MAIN	2,750	LF	\$ 2.75	\$ 7,562.50	\$ 4.00	\$ 11,000.00	\$ 6.00	\$ 16,500.00
31		SAMPLE POINTS	3	EA	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 4,500.00	\$ 2,000.00	\$ 6,000.00
32		SINGLE WATER SERVICE	10	EA	\$ 1,485.00	\$ 14,850.00	\$ 2,500.00	\$ 25,000.00	\$ 4,500.00	\$ 45,000.00
33		POTABLE IRRIGATION SERVICE	1	EA	\$ 2,158.00	\$ 2,158.00	\$ 2,450.00	\$ 2,450.00	\$ 3,000.00	\$ 3,000.00
34		CUT, CAP AND GROUT EXISTING WATER MAIN	1	LS	\$ 19,725.00	\$ 19,725.00	\$ 7,500.00	\$ 7,500.00	\$ 17,600.00	\$ 17,600.00
35		CONNECT TO EXISTING WATER METER	1	LS	\$ 2,535.00	\$ 2,535.00	\$ 1,500.00	\$ 1,500.00	\$ 4,950.00	\$ 4,950.00
36		PRESSURE VACUUM BREAKER BACKFLOW PREVENTER	1	EA	\$ 23,545.00	\$ 23,545.00	\$ 1,500.00	\$ 1,500.00	\$ 1,425.00	\$ 1,425.00
Site Improvements, Roadway, and Drainage										
37	12"	STABILIZED SUBGRADE, LBR 40 MIX BASE WITH EXISTING SAND	240	SY	\$ 29.50	\$ 7,080.00	\$ 150.00	\$ 36,000.00	\$ 11.00	\$ 2,640.00
38		REWORK COMPACTED SHELLROCK ROADWAYS AND DRIVEWAYS	4,400	SY	\$ 7.25	\$ 31,900.00	\$ 6.00	\$ 26,400.00	\$ 27.00	\$ 118,800.00
39		COMPACTED SHELLROCK PARKING AREAS	220	SY	\$ 25.00	\$ 5,500.00	\$ 113.00	\$ 24,860.00	\$ 104.00	\$ 22,880.00
40		WHEEL STOPS FOR PARKING AREA	9	EA	\$ 110.00	\$ 990.00	\$ 300.00	\$ 2,700.00	\$ 49.00	\$ 441.00
41		INSTALL CONCRETE SIDEWALK	55	SY	\$ 105.00	\$ 5,775.00	\$ 273.00	\$ 15,015.00	\$ 275.00	\$ 15,125.00
42		CLEARING AND GRUBBING	2	AC	\$ 23,500.00	\$ 47,000.00	\$ 16,000.00	\$ 32,000.00	\$ 7,500.00	\$ 15,000.00
43		ABANDON EXISTING STORMWATER STRUCTURE	1	LS	\$ 4,500.50	\$ 4,500.50	\$ 9,000.00	\$ 9,000.00	\$ 2,100.00	\$ 2,100.00
44		EXCAVATION AND GRADING	650	CY	\$ 20.00	\$ 13,000.00	\$ 38.50	\$ 25,025.00	\$ 53.00	\$ 34,450.00
45		TURF REINFORCEMENT MAT	150	SY	\$ 70.00	\$ 10,500.00	\$ 50.00	\$ 7,500.00	\$ 16.00	\$ 2,400.00
46	18"	RCP STORMWATER PIPING	40	LF	\$ 99.50	\$ 3,980.00	\$ 85.00	\$ 3,400.00	\$ 74.00	\$ 2,960.00
47		CATCH BASIN, DITCH BOTTOM INLET TYPE-C	2	EA	\$ 4,590.00	\$ 9,180.00	\$ 4,750.00	\$ 9,500.00	\$ 4,250.00	\$ 8,500.00
48		PUMP OUT AND REMOVE GREY WATER TANK	10	EA	\$ 2,455.00	\$ 24,550.00	\$ 1,200.00	\$ 12,000.00	\$ 1,400.00	\$ 14,000.00
49		PUMP OUT AND ABANDON SEPTIC TANK	11	EA	\$ 3,620.00	\$ 39,820.00	\$ 1,200.00	\$ 13,200.00	\$ 2,700.00	\$ 29,700.00
50		SODDING	1	LS	\$ 28,199.00	\$ 28,199.00	\$ 12,000.00	\$ 12,000.00	\$ 17,400.00	\$ 17,400.00
51		TREE & SHRUBBERY RESTORATION	1	LS	\$ 16,250.00	\$ 16,250.00	\$ 20,000.00	\$ 20,000.00	\$ 5,475.00	\$ 5,475.00
52		MISCELLANEOUS RESTORATION	1	LS	\$ 10,825.00	\$ 10,825.00	\$ 43,000.00	\$ 43,000.00	\$ 9,500.00	\$ 9,500.00
Underground Utility Installation										
53		LIFT STATION ELECTRICAL SERVICE	1	LS	\$ 51,950.00	\$ 51,950.00	\$ 30,000.00	\$ 30,000.00	\$ 33,600.00	\$ 33,600.00
54		FPL UNDERGROUND INSTALLATION	1	LS	\$ 57,805.00	\$ 57,805.00	\$ 50,000.00	\$ 50,000.00	\$ 352,000.00	\$ 352,000.00
55		COMCAST UNDERGROUND INSTALLATION	1	LS	\$ 27,600.00	\$ 27,600.00	\$ 40,000.00	\$ 40,000.00	\$ 24,500.00	\$ 24,500.00
TOTAL						\$ 1,154,609.00		\$ 1,194,490.00		\$ 1,583,366.00
Submitted						\$ 1,152,714.00		\$ 1,199,490.00		



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: March 10, 2022
SUBJECT: Professional Engineering Services for Jupiter Inlet Lighthouse Outstanding Natural Area - Authorize Engineering Services During Construction

From the BLM's Statement of Work:

"The JILONA was designated by Congress in 2008 for the protection and enhancement of seven key resources and values present on the site: historic, natural and cultural resources, and scientific, education and interpretation, recreation, and scenic values. Within its designation Congress tasked the BLM with management of the ONA and made the area part of the National Conservation Lands. Congress recognized the area as unique and nationally significant, made more so by the fact that the site is one of only three congressionally designated ONAs in the country and the only complete unit of National Conservation Lands east of the Mississippi.

The ONA is visited by over 100,000 people each year, and is home to BLM administration facilities, recreational infrastructure, partner operations and a range of non-operating structures that have remained behind from previous military and civilian uses of the land. All facilities within the federal lands portions of the ONA currently operate on septic systems."

In September 2020 staff entered into a contract with the BLM to provide design services for the septic to sewer conversion of the 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.

Design is complete and the construction contract recommendation of award is presented under Tab 6B. To administer the construction contract and provide inspection services staff have coordinated the attached work authorization with Holtz Consulting Engineers, Inc. for \$88,275.00.

Staff recommend the following motion:

"THAT THE DISTRICT GOVERNING BOARD authorize work authorization 2020-7A with Holtz Consulting Engineers for services during construction in the amount of \$88,275.00 and a contingency of \$9,000.00."

James D. Snyder
CHAIRMAN

Gordon M. Bogie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

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

**JUPITER INLET LIGHTHOUSE
SEPTIC TO SEWER
SERVICES DURING CONSTRUCTION**

WORK AUTHORIZATION: 2020-7A

BACKGROUND

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

This project includes the installation of 8” gravity sewer, manholes, a commercial duplex lift station, discharge force main and connection to the District’s wastewater collection system, abandonment of existing septic tanks and grey water tanks and lateral connection to the existing structures, and replacement of the existing private domestic water system for the Jupiter Inlet Lighthouse Park area managed by the U.S. Department of the Interior Bureau of Land Management (BLM).

This work authorization is for the engineering services during construction for the project.

SCOPE OF WORK

Specific tasks include the following:

TASK 1 – ENGINEERING SERVICES DURING CONSTRUCTION

During the construction phase of the Project, HCE will provide the following services:

1. Conduct the pre-construction meeting with the Contractor, and other interested parties, and issue meeting minutes.
2. Provide general construction and contract administration and correspondence.
3. Review and comment on submittals submitted by the Contractor.
4. Provide the Contractor with clarifications concerning questions about the Contract Documents and respond to requests for information. Six (6) Requests for Information are assumed.
5. Review quantities and payment application after review and approval by the field inspector and make the recommendations necessary for the approval or rejection of the Contractor's monthly payment applications. A total of seven (7) requests are assumed.

6. Review contractor's claims and prepare change orders as necessary. Three change orders are assumed.
7. Review and comment on the Record Drawings submitted by the Contractor.
8. Provide part time construction observation to determine that the project is being constructed in substantial conformance with the permitted drawings to certify completion of construction to the FDEP and evaluate the Contractor's compliance with the Contract Documents (approximately 21 weeks of actual construction and 20 hours per week of construction observation and inspection by the construction manager to monitor compliance with the design intent, permit, and contract requirements, five visits by a project engineer and two visits by a project manager).
9. Attendance by the engineer for the lift station start-ups for the project.
10. Verify that the work has progressed to the substantial completion point in accordance with the Contract Documents. The Engineer will inspect the completed work in a project walk-through and prepare a punch list of items remaining to be completed which will be attached to the certificate of substantial completion.
11. Verify that the work items identified on the punch list prepared under Item 8 above and all other Work identified as being incomplete have been completed in accordance with the Contract Documents. The Engineer will ensure all final punch lists are satisfactorily completed prior to approval of the Contractor's Final Payment Request.
12. Submit the required information for the closing out of the permits.

DELIVERABLES

TASK	DELIVERABLE	QUANTITY
Task 1 – Engineering Services During Construction	Meeting minutes, copies of submittals, processed pay applications, change orders, responses to RFI's and work change directives	Electronically Transmitted

TIME OF COMPLETION

HCE shall complete the project as outlined below in the project schedule.

- Task 1 – Engineering Services During Construction – 31 weeks from Notice to Proceed

SCHEDULE OF FEES

Proposed labor costs for engineering services Lump Sum (LS) are tabulated below and detailed in Attachment A.

TASK	ENGINEERING FEE
Task 1 – Engineering Services During Construction	\$88,275.00
TOTAL AMOUNT	\$88,275.00

ASSUMPTIONS

1. Testing required per the Contract documents will be the responsibility of the Contractor or Owner as defined in the Contract Documents.
2. Acceptance of the elements of the work not designed by HCE such as the undergrounding of the Comcast and FPL lines and electrical designed is not included and will be completed by others.
3. Archeological monitoring required for this project is not included and will be completed by others.

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

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

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

Date

HOLTZ CONSULTING ENGINEERS, INC.

By: _____
Andrea Holtz, PE, President

Date



LOXAHATCHEE RIVER DISTRICT

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

Memorandum

To: Governing Board
From: Kara Peterson, Director of Finance and Administration
Date: March 11, 2022
Subject: Liability and Workers Compensation Insurance

The District's current Property, General Liability, Automobile Liability and Physical Damage, and Workers' Compensation insurance policy with Preferred Governmental Insurance Trust (Preferred) and Pollution Liability with Chubb Insurance expires on April 30, 2022. Staff has updated the District's asset and payroll schedules to reflect our current exposures and have submitted these schedules to our insurance broker, Brian Cottrell of Public Risk Insurance Agency.

Our "Blanket Buildings & Contracts" property insurance is projected to increase by \$200,552 of exposure (the value of assets we insure will increase by \$200,552) and the premium is expected to decrease by \$45,977 (14.16%). The premium for Inland Marine is expected to increase by \$2,657 (18.64%). The increase is due to an increase in exposure of \$252,011. The premium for Workers' Compensation will increase \$2,387 (4.89%). This increase is due to the District's Experience Mod increasing from .71 in the prior year to .72 in the current year, along with an increase in exposure of approximately \$428,140 (8.07%). Overall, there is a premium decrease of \$33,025 (7.24%) for all insurance coverage.

Preferred's renewal quote, on exposures for the period of May 1, 2022 to April 2023, is summarized below and provided in detail on the following pages. No changes were made to coverage limits or deductibles.

Premium Comparison (no change in coverage)

Insurance	Expiring Premium	Renewal Premium	(\$) Change	(%) Change
Property	\$324,759	\$278,782	\$(45,977)	14.16%
Inland Marine	14,257	16,914	2,657	18.64%
General Liability	28,493	32,127	3,634	12.75%
Automobile Liability	9,995	11,008	1,013	10.14%
Automobile Physical Damage	7,671	8,290	619	8.06%
Workers Compensation	48,862	51,249	2,387	4.89%
Pollution	11,926	13,119	1,193	10.00%
Fiduciary	10,260	11,709	1,449	14.12%
Total	\$456,223	\$423,198	\$(33,025)	7.24%

James D. Snyder
CHAIRMAN

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Gordon Boggie
BOARD MEMBER

At this time, I recommend the Board consider the following motion:

“That the District Governing Board authorize the Executive Director to accept and purchase *Preferred’s* renewal quote for Property, General Liability, Automobile Liability and Physical Damage, and Workers’ Compensation; accept and purchase Chubb Insurance’s renewal quote for Pollution Liability; and accept and purchase Travelers’ renewal quote for Fiduciary Liability insurance.”

Covered Party:	Loxahatchee River Environmental Control District
Effective Date:	5/1/2022



Coverage & Premium Comparison

LINE OF COVERAGE	2021/2022			2022/2023			Changes in Exposures	
	LIMIT	DEDUCTIBLE/SIR	ANNUAL PREMIUM	LIMIT	DEDUCTIBLE/SIR	ANNUAL PREMIUM	2021/2022	2022/2023
Property:								
Preferred								
Blanket Buildings & Contents	\$ 55,673,447	\$ 10,000	\$ 324,759	\$ 55,873,999	\$ 10,000	\$ 278,782	Property	
Equipment Breakdown	\$ 50,000,000	\$ 10,000		\$ 50,000,000	\$ 10,000		Exposure	\$ 200,552
Excess Flood	\$ 5,000,000	\$ 10,000		\$ 5,000,000	\$ 10,000		Difference	0.36%
Earth Movement	\$ -			\$ -				
Terrorism	\$ -			\$ -			Premium	\$ (45,977)
Named Windstorm	\$ 55,673,447	5% / minimum of \$25k		\$ 55,873,999	5% / minimum of \$25k		Difference	-14.16%
Additional Expense	\$ 1,000,000	\$ 10,000		\$ 1,000,000	\$ 10,000			
Business Income	\$ 500,000	\$ 10,000		\$ 500,000	\$ 10,000			
Errors & Omissions	\$ 250,000	\$ 10,000		\$ 250,000	\$ 10,000			
Demolition & Increased Cost of Construction	\$ 1,250,000	\$ 10,000		\$ 1,250,000	\$ 10,000			
Inland Marine:							Inland Marine	
Unscheduled Blanket Inland Marine	\$ 500,000	\$ 5,000	\$ 14,257	\$ 500,000	\$ 2,500	\$ 16,914	\$3,180,160	\$3,432,171
Communications Equipment	in Blanket Unscheduled	\$ 2,500	Incl in Blanket Unscheduled	\$ 2,500				
Mobile Equipment	\$ 2,530,160	\$ 2,500		\$ 2,782,171	\$ 2,500		Exposure	\$ 252,011
Electronic Data Processing	in Blanket Unscheduled	\$ 2,500	Incl in Blanket Unscheduled	\$ 2,500			Difference	7.92%
Emergency Services Portable Equip	in Blanket Unscheduled	\$ 2,500	Incl in Blanket Unscheduled	\$ 2,500				
Fine Arts	in Blanket Unscheduled	\$ 2,500	Incl in Blanket Unscheduled	\$ 2,500			Premium	\$ 2,657
Other Inland Marine	in Blanket Unscheduled	\$ 2,500	Incl in Blanket Unscheduled	\$ 2,500			Difference	18.64%
Rented Borrowed Leased Equipment	\$ 150,000	\$ 5,000		\$ 150,000	\$ 2,500			
Valuable Papers	in Blanket Unscheduled	\$ 2,500	Incl in Blanket Unscheduled	\$ 2,500				
Watercraft	Not Included			Not Included				
		Sub-Total	\$ 339,016		Sub-Total	\$ 295,696		
General Liability:							Payroll	
Preferred							\$5,582,561	\$5,734,716
General Liability	\$ 3,000,000	\$ 5,000	\$ 28,493	\$ 3,000,000	\$ 5,000	\$ 32,127	Exposure	\$ 152,155
Employee Benefits	\$ 3,000,000	\$ 5,000		\$ 3,000,000	\$ 5,000		Difference	2.73%
							Premium	\$ 3,634
		Sub-Total	\$ 28,493		Sub-Total	\$ 32,127	Difference	12.75%
Automobile:							Vehicles	
Preferred							39	39
Auto Liability	\$ 3,000,000	\$ -	\$ 9,995	\$ 3,000,000	\$ -	\$ 11,008	TIV	
Uninsured Motorist	\$ 30,000	\$ -		\$ 30,000	\$ -		\$2,329,522	\$2,529,063
Comprehensive/Collision	Symb 10, 8	\$ 5,000	\$ 7,671	Symb 10, 8	\$ 5,000	\$ 8,290	Exposure	9%
Hired Physical Damage	\$ 35,000	\$ 1,000		\$ 35,000	\$ 1,000		Difference	\$199,541
Medical Payments	\$ 2,500			\$ 2,500			Premium	\$ 1,632
		Sub-Total	\$ 17,666		Sub-Total	\$ 19,298	Difference	9.24%

	2021/2022			2022/2023			Changes in Exposures	
LINE OF COVERAGE	LIMIT	DEDUCTIBLE/SIR	ANNUAL PREMIUM	LIMIT	DEDUCTIBLE/SIR	ANNUAL PREMIUM	2021/2022	2022/2023
Workers' Compensation:							Payroll	
Preferred	Experience Mod: .71			Experience Mod: .72			\$5,306,576	\$5,734,716
							Exposure Difference	\$ 428,140
Workers' Compensation	Statutory	\$ -	\$ 48,862	Statutory	\$ -	\$ 51,249		8.07%
Employers Liability	\$1m/\$1m/\$1m	\$ -	Included	\$1m/\$1m/\$1m	\$ -	Included	Premium Difference	\$ 2,387
		Sub-Total	\$ 48,862		Sub-Total	\$ 51,249		4.89%
Pollution Liability								
Chubb								
Pollution Liability	\$2,000,000/\$2,000,000	\$ 50,000	\$ 11,926	\$2,000,000/\$2,000,000	\$ 50,000	\$ 13,119		
							Premium Difference	\$ 1,193
		Sub-Total	\$ 11,926		Sub-Total	\$ 13,119		10.00%
Fiduciary Liability	5/1/19 - 5/1/22			5/1/22 - 5/1/25			Plan Assets	
Travelers							\$8,699,310	\$11,235,804
	3 year policy annual installment			3 year policy annual installment			Exposure Difference	\$ 2,536,494
								29.16%
Fiduciary Liability	\$ 2,000,000	\$ 5,000	\$ 3,420	\$ 2,000,000	\$ 5,000	\$ 3,903	Premium Difference	\$ 483
		Sub-Total	\$ 3,420		Sub-Total	\$ 3,903		14.13%
TOTAL PREMIUM			\$ 449,383				\$ 415,392	
						\$ Difference	\$ (33,991)	
						% Difference	-7.56%	



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

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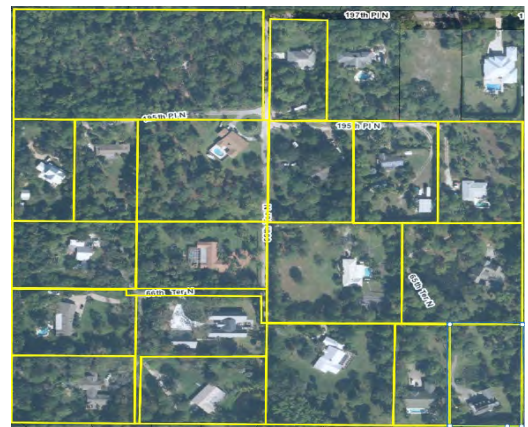
D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D., Executive Director
FROM: Kris Dean, P.E., Deputy Executive Director/Director of Engineering Services
DATE: March 9, 2022
SUBJECT: 66th Terrace Phase 1 Subregional Line Charge – Rule 31-10.005(5)(C)

Our Strategic Plan, as approved by the Governing Board, calls for staff to improve master planning of our collection and transmission system. As such, staff have implemented procedures for residents to utilize statutory way of necessity for connection to the District's regional sewer system when the property is shut off or hemmed in from access to sanitary sewer service. Using these procedures staff have designed, permitted and constructed a low pressure sewer collection and transmission system to serve 15595 66th Terrace. This system, installed to serve 15595 66th Terrace, has additional capacity to serve the remainder of development in the 66th Terrace (see graphic).



Because of the sequence of facility design and construction, this project, essentially a low pressure force main and associated appurtenance, is proposed to be paid for using our subregional line charge mechanism, i.e., LRD Rule Chapter 31-10.005(5). We last implemented a subregional line charge in 2020 when we implemented the Rocking Horse Lane Subregional Line Charge [31-10.005(5)(c)].

In order to equitably distribute costs for 66th Terrace Phase 1 Subregional Collection Facilities, staff have quantified the number of equivalent connections (~wastewater flow) the 66th Terrace Phase 1 Subregional Collection Facilities will likely serve. Based on the best available information, LRD staff assert the 66th Terrace Phase 1 Subregional Collection Facilities will serve up to 34.5 equivalent connections. When we divide the cost of the Rocking Horse Lane Subregional Collection Facilities (\$21,459.63) by the number of equivalent connections those facilities will ultimately serve (34.5 equivalent connections), we find the 66th Terrace Phase 1 Subregional Collection Facilities cost is \$632.16 per equivalent connection.

Therefore, I have drafted proposed revisions to Rule 31-10.005(5) incorporating the 66th Terrace Phase 1 Subregional Line Charges at \$622.02 per equivalent connection. Pursuant to existing rule language, subregional line charges are adjusted annually based on the 10-Year Treasury Rate published by the US Department of Treasury on February 1st. For simplicity, we have provided the suggested revisions to LRDRule 31-10.005(5) below. No action is necessary at this time. Rather, Board action to incorporate this subregional line charge will be addressed under Tab 6F of this notebook.

James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

LRD Rule 31-10.005 (proposed addition)

5(d) 66th Terrace Phase 1 Subregional Line Charge for 66th Terrace Phase 1 Subregional Collection Facilities. The rate of the 66th Terrace Phase 1 Subregional Line Charge shall be \$622.02 per equivalent connection (E.C.). Commitment of service shall not exceed those total capacity limitations as authorized for commitment by the Governing Board of the District. The full amount of the Subregional Line Charges shall be due and payable at the time commitment of service is made, except those buildings or structures having certificates of occupancy prior to the date this transmission system line is deemed available, may finance this Subregional Line Charge over twenty (20) years at a fixed interest rate equal to the current Wall Street Journal Prime Rate plus two (2.0%) percent, but not to exceed 8%, existing at the time commitment of service is made, with no prepayment penalty, to be collected by Non-Ad Valorem tax roll.



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: GOVERNING BOARD
FROM: D. ALBREY ARRINGTON, Ph.D.
DATE: MARCH 11, 2022
SUBJECT: RULE 31-10 RATES, FEES, & CHARGES – RATE STUDY

We are back for our second month of evaluation and public discussion of our annual rate study. This month, for the first time in my tenure at LRD, we also are providing an independent assessment of our rate study process and proposed rates by Raftelis Financial Consultants, Inc. (Raftelis) – a respected consulting firm known for their quality work on public utility rates.

This month staff are seeking Board approval of the attached revisions to Chapter 31-10 Rates, Fees, and Charges. You will see the marked-up version of Chapter 31-10 includes the following revisions:

1. Revisions to our rates to achieve our financial goals – in the attached version of Chapter 31-10 rate-related revisions are highlighted in yellow and provide for the following:
 - a. Estoppel Fee is proposed to be increased from \$25.00 to \$30.00
 - b. Plant Connection Charges were revised **down** from \$2,129.00 to \$1,799.00 per EC as suggested by Raftelis based upon their comprehensive connection charge analysis
 - c. Regional Transmission System Line Charges were revised from \$705.00 to \$1,168.00 per EC as suggested by Raftelis based upon their connection charge analysis
 - d. Administrative Charges were revised up from \$148.00 to \$169.00 per EC as suggested by Raftelis based upon their comprehensive connection charge analysis
 - e. Plant Connection Charges, Regional Transmission System Line Charges, and Administrative Charges are now set to be indexed annually based upon the Engineering New Record Construction Cost Index as recommended by Raftelis, which Raftelis recommends as a best practice
 - f. Per our Rule, existing Subregional Line Charges were increased based on the 10-Year Treasury Rate published by the US Department of Treasury on February 1st
 - g. A new Subregional Line Charge was added for 66th Terrace Phase 1, which is further described under Tab 6E.
 - h. Quarterly Service Charges for sewer service were left as approved by the Board last year (2% increase in 2022 and 2023 and 3% increase in 2024 and 2025), and an additional 3% rate increase was added for 2026.
 - i. Irrigation Quality Water Rates were left as approved by the Board last year and an additional 3% rate increase was added for 2026.

James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

2. Also, Chapter 31-10 includes revisions, suggested by Laura Donaldson and reviewed by Curt Shenkman, to improve clarity and consistency as follows:
 - a. Definitions were improved and will be sorted alphabetically in the clean version
 - b. The definition of “Available” was removed from Chapter 31-10 because it was improved in Chapter 31-3 last month
 - c. Section 31-10.011 Connections to Sewer Required was deleted entirely because this section exists in Chapter 31-3 which was approved by the Board last month
 - d. Legal citations were updated.

This month, there were only two material revisions to the Rate Study:

1. I removed the \$2,750,000 from Public Education in FY2024 (i.e., site work on our 20 acres). This is likely the most discretionary of our proposed projects. In the future, staff will work to clarify conceptual justification and priority of this potential effort.
2. I removed the \$8 million for adding solar over the period 2029 to 2032. I realized that there are multiple different pathways by which we could reduce our greenhouse gas emissions, and adding solar as a LRD asset on our property is only one way to achieve this. Also, if we expend significant dollars on adding solar, I assume there would be a payback period in which the energy savings from solar would significantly offset the costs to construct solar infrastructure. At present, I do not have sufficient information on these various components to justify maintaining the specific cost estimates for solar in the rate study.

Mr. Henry Thomas and Mr. Trevor McCarthy, both with Raftelis, will attend our meeting and will present their “Wastewater and IQ Water Revenue Sufficiency Study”, i.e., their peer review of our rate study and proposed rates. Their presentation is attached, so please let me know if you have any questions you would like forwarded to Henry or Trevor before our meeting.

I hope you are pleased with our efforts to strategically focus our rate study to achieve operational excellence (e.g., system reliability, satisfied customers, strong employee morale) while maintaining a reasonable rate structure.

Based on all these factors, I offer the following motion for your consideration:

“THAT THE DISTRICT GOVERNING BOARD approve Rule Chapter 31-10 Rates, Fees, and Charges, as revised, with an effective date of April 1, 2022.”

Loxahatchee River District's FY2023 – FY2027 Capital Improvement Plan

	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
80% of Total Capital is used in Rate Study Cash Projection Model (due to conservative nature of projected capital costs)	\$7,656,992	\$ 7,816,000	\$ 6,684,000	\$ 8,112,000	\$ 8,432,800	\$ 8,360,000
Total Projected Capital Costs =	\$9,571,240	\$ 9,770,000	\$ 8,355,000	\$ 10,140,000	\$ 10,541,000	\$ 10,450,000
Contingency	\$257,013	\$0	\$0	\$0	\$0	\$0
Land	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Buildings	\$0	\$175,000	\$0	\$0	\$100,000	\$0
Infrastructure Improvements (not buildings)	\$365,000	\$820,000	\$190,000	\$90,000	\$90,000	\$90,000
Machinery and Equipment	\$1,538,000	\$1,160,000	\$955,000	\$1,925,000	\$1,290,000	\$890,000
Vehicles	\$670,000	\$80,000	\$205,000	\$90,000	\$471,000	\$630,000
Construction in Progress	\$6,731,227	\$7,525,000	\$6,995,000	\$8,025,000	\$8,580,000	\$8,830,000
CIP - Exec/Finance/Lab/Cust Svc/IT/Construction	\$0	\$0	\$0	\$0	\$0	\$0
CIP - Public Education	\$465,000	\$1,250,000	\$0	\$0	\$0	\$0
CIP - Engineering Planning Studies	\$100,000	\$0	\$0	\$0	\$0	\$0
CIP - General Collection & Transmission	\$0	\$0	\$0	\$0	\$0	\$0
CIP - Neighborhood Sewering	\$1,755,000	\$895,000	\$25,000	\$25,000	\$25,000	\$25,000
CIP - Lift Station	\$1,723,727	\$775,000	\$875,000	\$1,275,000	\$525,000	\$425,000
CIP - Gravity System	\$720,000	\$1,800,000	\$1,400,000	\$2,250,000	\$1,300,000	\$1,800,000
CIP - Force Main	\$596,500	\$575,000	\$1,600,000	\$2,525,000	\$5,205,000	\$6,055,000
CIP - LPSS	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
CIP - Permanent Generator	\$250,000	\$250,000	\$250,000	\$250,000	\$125,000	\$125,000
CIP - Telemetry	\$80,000	\$1,130,000	\$1,130,000	\$35,000	\$35,000	\$35,000
CIP - Operations Planning Studies	\$176,000	\$0	\$0	\$0	\$0	\$0
CIP - Operations General Site Improvements	\$0	\$245,000	\$150,000	\$0	\$0	\$0
CIP - Treatment & Disposal	\$205,000	\$325,000	\$1,225,000	\$25,000	\$25,000	\$25,000
CIP - Reuse General	\$600,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
CIP - Reuse Pumping Stations	\$0	\$20,000	\$0	\$0	\$0	\$0
CIP - Reuse Mains	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
CIP - Reuse Telemetry/Metering/Controls	\$20,000	\$20,000	\$0	\$50,000	\$250,000	\$250,000
CIP - Biosolids	\$0	\$150,000	\$250,000	\$1,500,000	\$1,000,000	\$0

Loxahatchee River District

Wastewater and I.Q. Water Revenue Sufficiency Study

Presented on March 17, 2022



Study Objectives / Tasks

- Develop a financial forecast through fiscal year 2026, including a projection of:
 - › Customers and revenues
 - › Operating expenses
 - › Capital improvement requirements and funding
- Estimate the revenue requirements to be recovered from wastewater and I.Q. water rates
- Identify the need for rate adjustments during the study period
- Review the current wastewater rate structure
- Review the wastewater system connection charges

Background

- District staff performs an internal rate study annually to update their 5-year projection of rate adjustments which are reviewed annually by the board
 - › Wastewater rate increases of 2% for 2022 and 2023 and 3% for 2024 and 2025 are currently adopted effective April 1 of each year
 - › Retail I.Q. water rate increases of 3% and nano I.Q. water rate increases of 5% have been adopted for the same period
 - › Wholesale I.Q. water rate increases of 3% were adopted from 2023 through 2025 (no adjustment in 2022)
- The adopted rates have been recognized in our analysis

Evaluation of Revenue Sufficiency

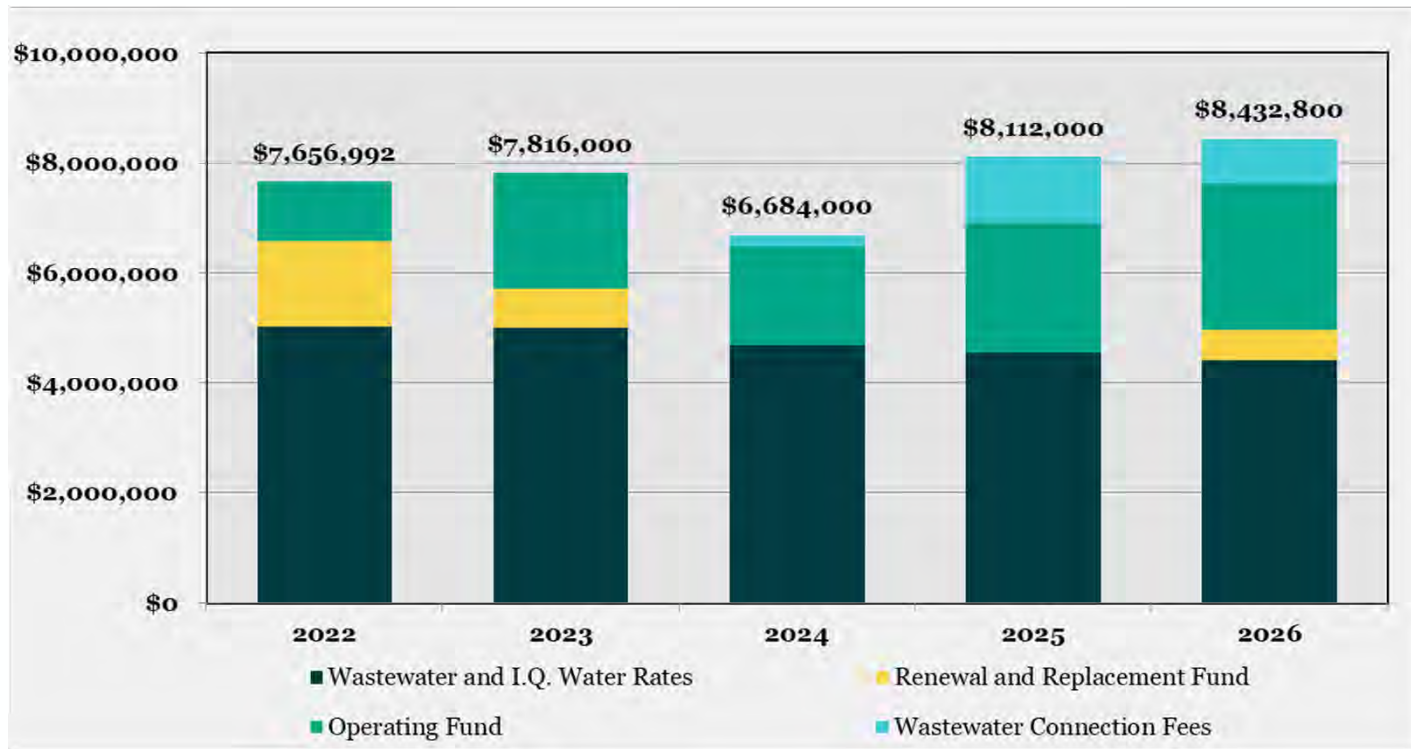
Primary Assumptions

- New customer growth is estimated at approximately 0.3% per year on average through FY2026 based on continued development trends
 - › This assumes the District is not actively expanding sewer to areas west of I-95
 - › A decline in commercial ECs was noted in FY2020 and FY2021 as a result of COVID-19 impacts
 - It was assumed that a recovery in commercial ECs to prior levels would take place during the current and next fiscal year
- FY2022 rate revenues are projected to be \$19.5 million
- Assessment revenues are projected to be approximately \$1.2 million per year
 - › The assessment program is used to recover 90% of the cost of neighborhood sewerage funded by the District
- Connection fee revenues are projected to be approximately \$640,000 per year based upon the proposed fees and estimated new customer growth

Primary Assumptions continued

- Operating expenses are based on the adopted FY22 budget
 - › Overall operating expenses projected to increase approximately 3.3% per year
- Staff has identified approximately \$48.4 million in capital projects through the forecast period
 - › For purposes of rate setting, this analysis assumes spending 80% of the adopted CIP or \$38.7 million over the five-year forecast period
- It is assumed the CIP will be funded through a combination of:
 - › Rate revenues (pay-as-you-go funding)
 - › Existing cash reserves
 - › Connection fees

Capital Improvement Plan Funding



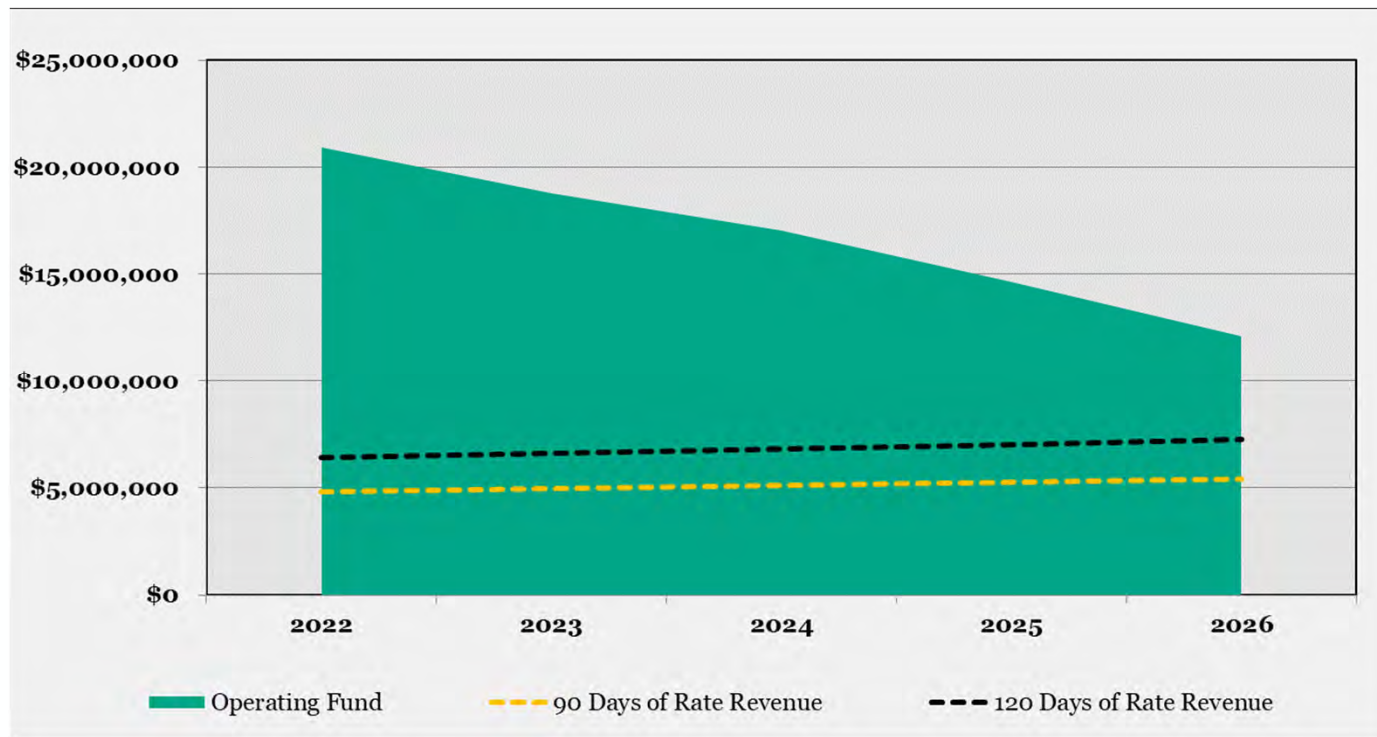
Total capital spending of \$38.7 million over the forecast period.

Rate Recommendations

- Based on our independent review, the District's currently adopted rates are projected to be adequate to cover the revenue requirements of the system through 2025, though significant use of operating reserves will be required to fund the capital plan
- An additional 3.0% adjustment for all customer classes is projected for 2026

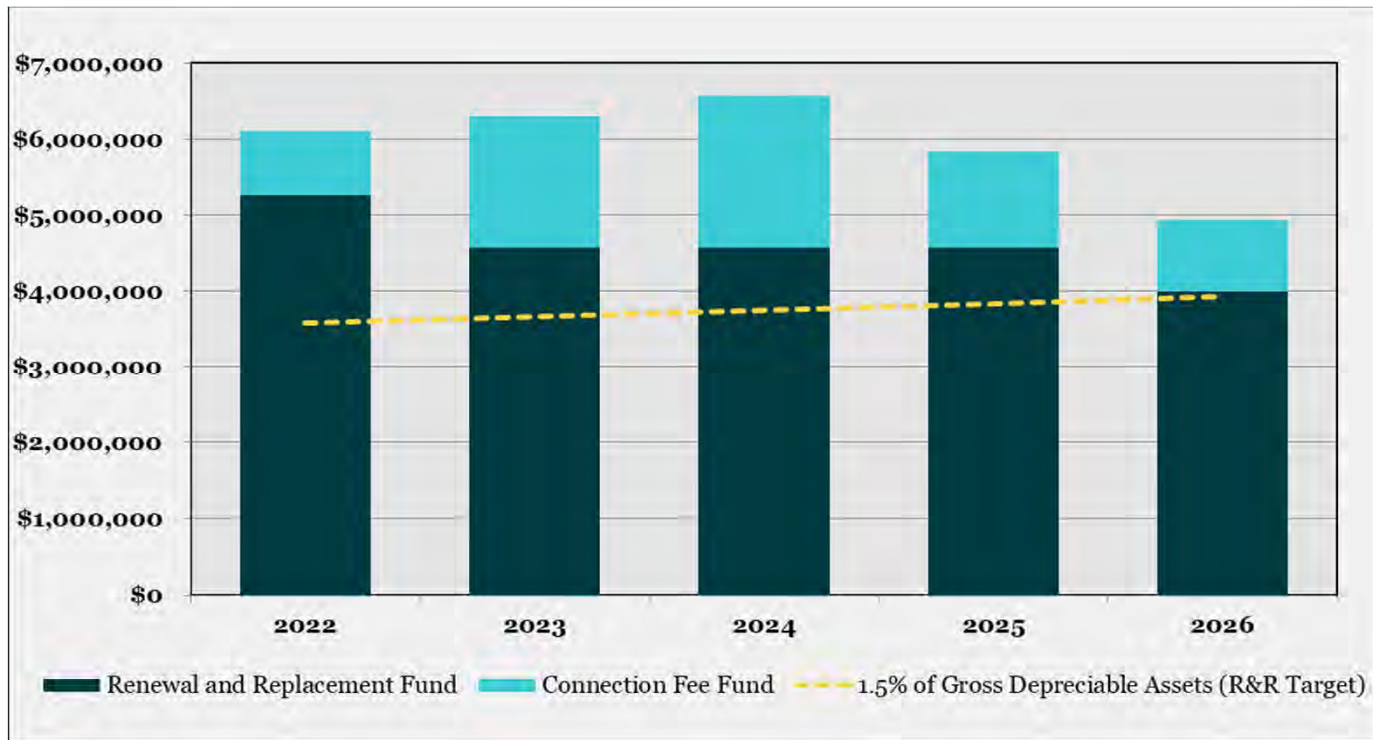
Description	2022	2023	2024	2025	2026
	<u>Currently Adopted Rate Adjustments</u>				<u>Proposed</u>
Wastewater	2.0%	2.0%	3.0%	3.0%	3.0%
Retail I.Q.	3.0%	3.0%	3.0%	3.0%	3.0%
Wholesale I.Q.	0.0%	3.0%	3.0%	3.0%	3.0%
Nano I.Q.	5.0%	5.0%	5.0%	5.0%	3.0%
Note: Assumed to be effective April 1 st of each year.					

Projected Operating Reserves



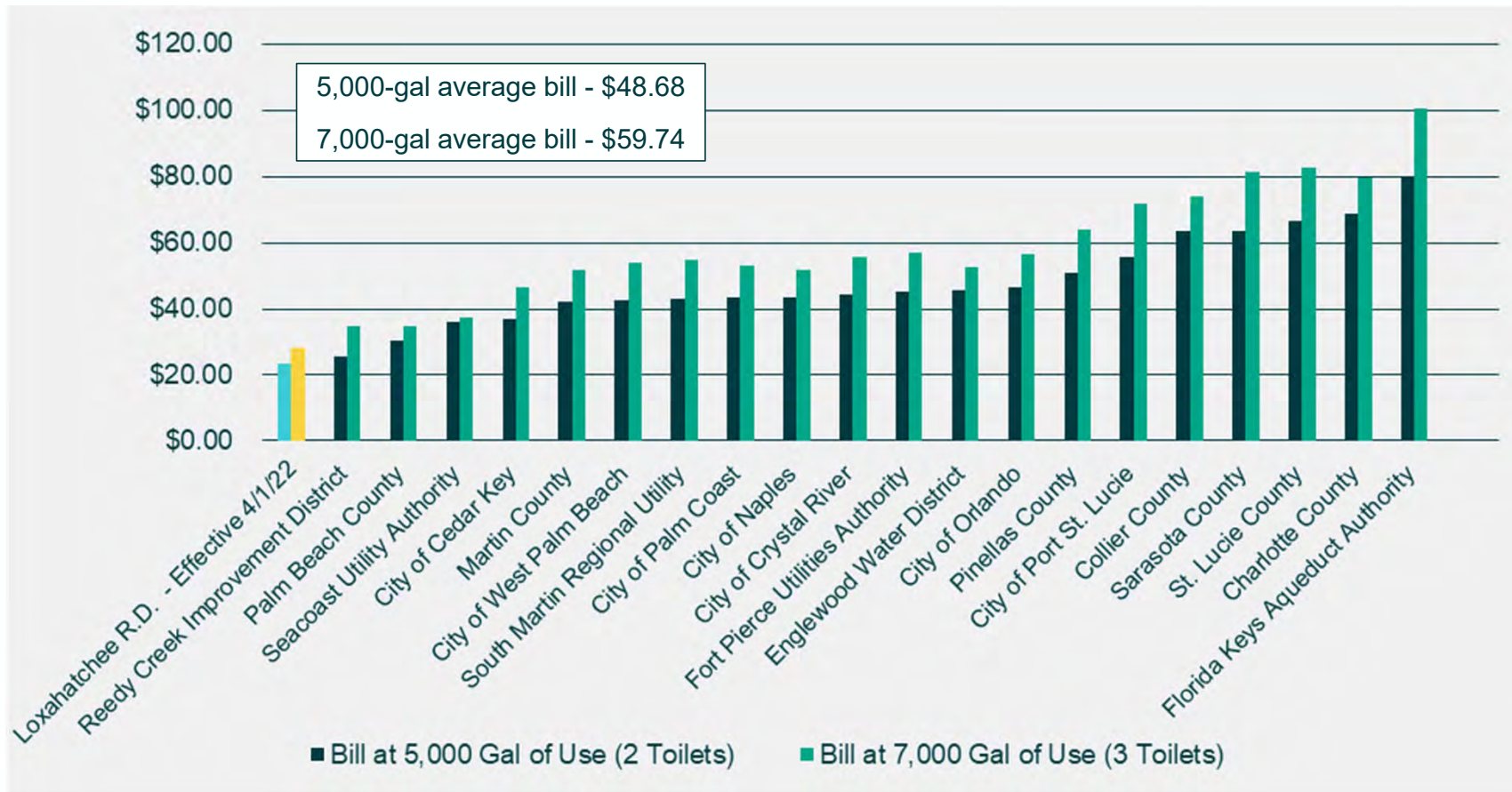
Strong cash reserves allow the District to fund the capital improvement plan while maintaining moderate rate increases over the forecast period.

Projected Capital Reserves

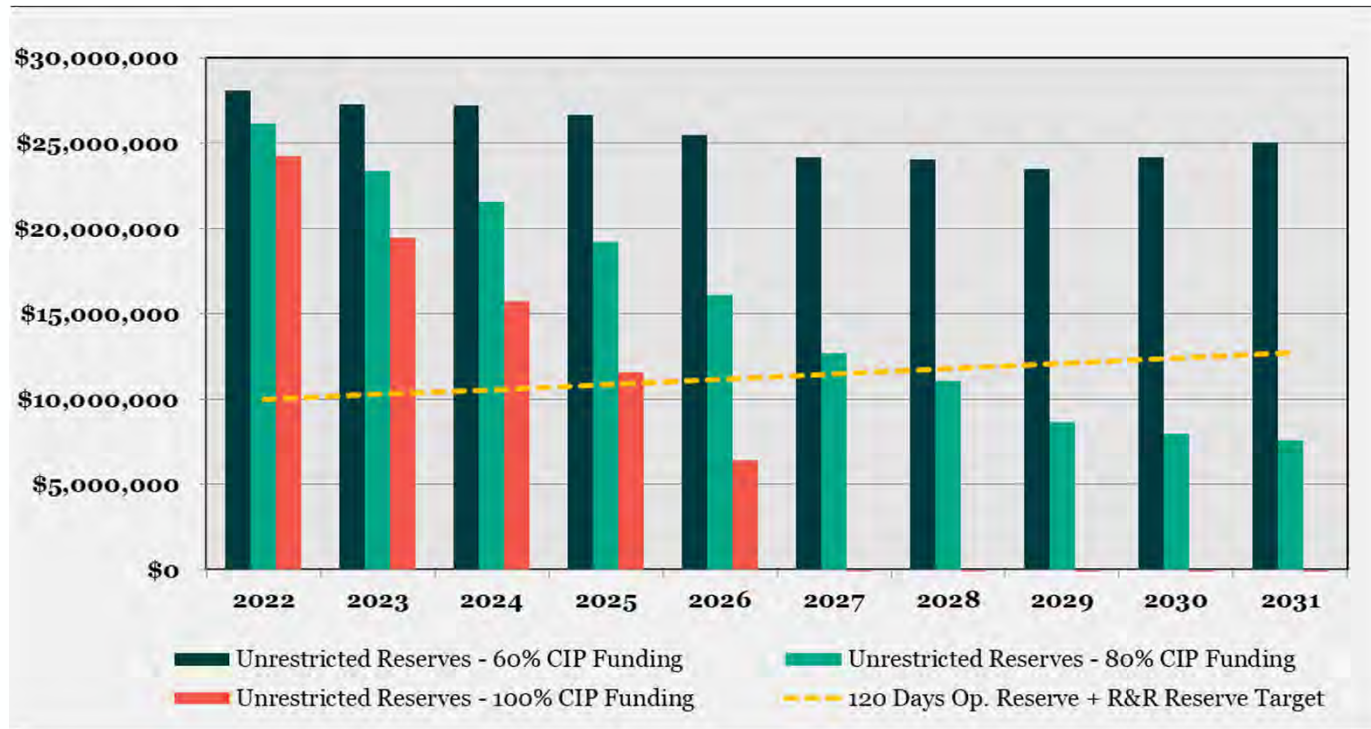


A minimum R&R reserve target of 1.5% of gross depreciable assets has been assumed to maintain strong capital reserves. Not shown here is an additional \$11.5 million of reserves that is designated for a future deep injection well project.

Wastewater Rate Comparison



10-Year Unrestricted Cash Projection



Scenarios above assume an annual 3% rate index is maintained 2026 through 2031.

Existing Rate Structure

- Residential Customers
 - › Flat charge per equivalent connection (EC) - \$55.15 per quarter
 - 1.0 EC = residential unit with 1 toilet
 - 2 toilets = 1.25 EC
 - 3 toilets = 1.50 EC
 - 4 or more toilets = 1.75 EC
- Non-residential Customers
 - › A minimum quarterly charge of \$75.47 or \$6.29 per thousand gallons
 - › For customers without metered water use there is a charge per equivalent connection
 - › Non-residential EC is determined by customer attributes
 - Examples:
 - Restaurant – 0.06 EC per seat
 - Hospital – 0.80 per bed + 1.0 per common area and/or employee toilet
 - Laundromat – 1.1 per washing machine

Rate Structure Evaluation

- Most water and wastewater utility systems charge all customers on the basis of metered water use
- 85% of the District's revenue requirements are fixed costs that do not vary by wastewater treatment flow
- Most utilities that bill residential customers based on water use cap the usage charge because not all residential water use returns to the wastewater system for treatment (e.g., lawn irrigation)
- The residential usage caps are typically between 6-10 kgal per month
- The District bills residential customers quarterly based on equivalent connections as determined by the number of toilets
- There is high correlation between the number of toilets and residential wastewater flows

Rate Structure Evaluation

- Due to the high level of fixed costs associated with wastewater system service, the use of equivalent connections as the basis for quarterly residential billing is a valid rate methodology
 - › Does not require metered water use readings
 - › Sewer costs vary by wastewater flow, not metered water use
 - › The number of toilets is a reasonable proxy for a household's wastewater flow
 - › The District's rate methodology based on equivalent connections results in significant administrative cost savings associated with customer billing
- For non-residential customers, almost all water use returns to the sewer system (very little irrigation)
- For non-residential customers, numerous fixtures contribute to wastewater flow; therefore, using water usage for non-residential customers results in a more equitable rate structure and justifies the additional administrative cost to support that billing method

Wastewater Connection Fees

Connection Fee Criteria

- Connection fees are used to charge new development its pro-rata share of the capital costs associated with facilities that provide service capacity (also known as impact fees)
 - › Connection fees cannot be used to pay for utility system operating costs
 - › Connection fees cannot be used to cure system deficiencies
- Growth pays for growth
- Impact fees are governed by Florida's impact fee statute (F.S. 163.31801)
- Wastewater impact fees / connection fees are exempt from Florida's impact fee statute but are instead governed by Florida case law
- Case law requires the utility to establish a rational nexus between the benefit provided by utility service capacity and the cost of facilities used to develop the fee level

Connection Fee Analysis

- Cost Methodology
 - › Recovers the cost of wastewater treatment and backbone transmission
 - › Excludes local or on-site wastewater collection system costs
 - Generally contributed or funded separately through an assessment
 - › Based on existing assets with available capacity to serve new growth and proposed new capital projects that provide additional capacity
 - › Reflects the District's planned improvements
 - › Excludes system renewals and replacements as well as minor equipment
- Fees based on the existing level of service (LOS)
 - › LOS based on the available service capacity per Equivalent Connection (EC) as established by the District
 - 100 gallons per capita per day assuming 2.5 people per equivalent connection or 250 gallons per day

Existing and Proposed Connection Fees

Connection Fee Component	Existing Fee	Proposed Fee
Plant Connection Charge	\$2,087.00	\$1,799.00
Regional Transmission System Line Charge	\$691.00	\$1,168.00
Administrative Charge	<u>\$145.24</u>	<u>\$169.00</u>
Total Connection Fee	\$2,923.24	\$3,136.00

- Based on our analysis, we recommend adoption of the proposed connection fees and using the Engineering News Record (ENR) Utility Cost Construction Index for future annual adjustments

Conclusions & Recommendations

- Based on our independent review, currently adopted rates over the next three years are adequate to fund the District's revenue requirements based on funding 80% of the capital improvement budget
- A rate increase of 3% is projected for 2026 based on the same capital improvement assumption
- We recommend adoption of the proposed connection fees and using the Engineering News Record (ENR) Utility Cost Construction Index for future annual adjustments
- The District's current quarterly residential rate methodology is cost effective and reasonable
- The District's approach to ongoing rate administration based on annual rate reviews and adaptive adjustments is a steady hand approach and reflects best management practices



Thank you!

Contact: Henry Thomas or Trevor McCarthy
407 628 2600

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

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

31-10.001 Definitions. *[This section will be reordered in the clean version.]*

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

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

(219) “Residential Unit” is ~~—Residential Unit shall consist of~~ a residential living unit or structure directly or indirectly connected to the Regional Wastewater System ~~regional wastewater system of the District~~ including but not limited to single family dwelling, ~~detached guest house with toilet,~~ detached living structure with toilet or ~~and kitchen~~ sink, and each separate living unit of duplexes, apartments ~~houses~~, townhouses, condominiums, and cooperative apartments.

(310) “Non-residential Unit” is ~~—Non-residential unit shall consist of~~ a non-residential building or structure connected to the Regional Wastewater System ~~regional wastewater system of the District~~ including, but not limited to, hotels, motels and boarding houses, wholesale and retail businesses, professional offices, schools, warehouses (including each individual bay) and without limitation all other buildings and structures of a commercial, public, or quasi-public nature. ~~Where appropriate, the District may consider multiple buildings may be considered as a single Non-residential Unit unit as determined by the District.~~

(417) “Regional Wastewater System” ~~—The term “Regional Wastewater System”~~ means any plant, facility or property; and additional extensions, and improvements ~~thereto at any future time constructed or acquired as part thereof, useful or necessary, or~~ having the capacity for current or future use in connection with the collection, transmission, treatment, purification or disposal of sewage of any nature or originating from any source, including industrial wastes resulting from any processes of industry, manufacture, trade or business, or from the development of any natural resources; The Regional Wastewater System includes but is not limited to: ~~and without limiting the generality of the foregoing definition, shall include~~ treatment plants, pumping stations, lift stations, valves, force mains, intercepting sewers, laterals, pressure lines, mains and all necessary appurtenances and equipment; all sewer mains and laterals for the reception and collection of sewage ~~from premises connected therewith; and shall include all~~ any interest in real and personal

property; ~~and any interest therein~~, rights, easements and franchises of any nature whatsoever relating to ~~any such sewer system and necessary or convenient for the operation thereof~~, of the District.

(522) “Transmission System Master Plan” ~~means the~~ means the ~~R~~report on “Wastewater Collection System Master Plan” for the District dated February 1981 or the latest updated version of the report approved by the Governing Board ~~of the District~~. The report contains maps and describes those transmission mains, pump stations, lift stations, gravity collectors and interceptors, which constitute the facilities of the regional transmission system.

(615) “Regional Transmission Facility” ~~Regional transmission facilities consist of~~ means transmission lines, force mains, gravity interceptors, lift stations or pump stations ~~that~~ which collect wastewater from two or more sub-regions and transport the wastewater to the District treatment plant. The ~~regional transmission facilities~~ size and location ~~of the Regional~~ Regional Transmission Facility are described in the latest ~~T~~transmission System Master ~~P~~plan as amended. ~~or amendments to the regional transmission master plan.~~

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

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

(912) “Plant Connection Charge” ~~The Plant Connection Charge shall be defined as is~~ the charge ~~which shall be~~ paid for each ~~equivalent connection~~ Equivalent Connection, ~~prior to connecting to the regional wastewater system of the District~~ Regional Wastewater System, and credit for which shall run with and be appurtenant to the land. The Plant Connection Charge ~~shall be is~~ due and payable ~~prior to the time~~ before connection is made to the system and is not transferable. ~~Credit for the Plant Connection Charge, once paid is not transferable except upon approval of the District upon such terms as the District may make.~~ Excess Plant Connection Charge(s) may be refunded if owner demonstrates, in accordance with objective determinations of the District, that fully paid Plant Connection Charges will not be used. In no case shall Plant Connection Charge be

refunded for a Residential or Non-residential Unit not connected within one (1) year of sewer being declared Aavailable. Plant Connection Charges are determined as set forth ~~hereafter~~ in this rule and may be changed from time to time in accordance with the law

~~(1640)~~ “Regional Transmission System Line Charge” is the charge paid for each Equivalent Connection to the Regional Wastewater System, and credit for which shall run with and be appurtenant to the land. The Regional Transmission System Line Charge is due and payable before connection is made to the system and is not transferable. Regional Transmission System Line Charge may be refunded if owner demonstrates, in accordance with objective determinations of the District, that fully paid Regional Transmission System Line Charge will not be used. —The District shall collect from each user that directly or indirectly physically connects to the District’s regional wastewater system from and after the effective date hereof, and from those owners of property that have made a direct or indirect physical connection to any such regional wastewater system facility prior to the effective date of this rule and who have agreed to pay a Regional Transmission System Line Charge when same is adopted. Regional Transmission System Line Charges are determined as set forth hereafter in this rule and may be changed from time to time in accordance with the law.

~~(214)~~ “Administrative Charge” —The Administrative Charge shall be defined as is the charge paid for each Equivalent Connection to the Regional Wastewater System, to pay for offset administrative, legal, engineering, and inspection expenses associated with each new connection to the system. The Administrative Charge is due and payable before connection is made to the system and is not transferable or refundable.~~development and which shall be paid for each equivalent connection prior to signing a Standard Developer Agreement or prior to connecting to the District’s regional wastewater system, whichever comes first. Administrative Charges are determined as set forth hereafter in this rule, are not refundable, and may be changed from time to time in accordance with the law.~~

~~(12) —“Available” Sewer System of the District —For purposes of this rule, a District sewer system shall be is considered “available” to an ownerOwner whenever a District sub-regional collection line or other point of District sewerage collection shall be one hundred 100 feet (100’) or less away from ownerOwner’s property line as measured from said property line to the point of sewerage collection without crossing the private property of another than ownerOwner, and consistent with in accordance with District Rule 31-3.003(3) and Florida Statutes Section 381.0065(2)(a), Florida Statutes, when the Florida Department of Health releases the system for service, which is the date of actual “Availability”.~~

(~~513~~) “District” ~~—The term “District” shall apply meansto~~ the Loxahatchee River Environmental Control District, a separate local agency of government operating in accordance with created by a special act of legislation authorized in, Chapter ~~2021-249~~71-822, Laws of Florida, ~~as amended.~~

(~~1814~~) “Reserve Service Availability” ~~—The term “Reserve Service Availability” shall be defined as is~~ the right of an ~~owner~~Owner to receive sewer service in the ~~regional wastewater system of the District~~Regional Wastewater System upon reasonable demand.

(~~1415~~) “Quarterly Service Charge” ~~—The term “Quarterly Service Charge” shall be defined as is~~ the periodic charge ~~which shall be paid~~ for each ~~equivalent connection~~Equivalent Connection ~~commencing when the equivalent connection when it~~ is connected to the Regional Wastewater System ~~of the District~~, or within one (1) year of the time the connection is Aavailable, whichever occurs first, and shall be billed in advance. Quarterly Service Charges are established by the Governing Board and amended from time to time. ~~determined as set forth hereafter in this rule and may be changed from time to time in accordance with the law.~~

(~~1316~~) “Quarterly Service Availability Standby Charge” ~~—The term “Quarterly Service Availability Standby Charge” shall be defined as is~~ the periodic charge ~~which shall be paid~~ for each Equivalent Connection, commencing upon the signing of a Standard Developer Agreement, and ~~shall be~~is computed at the rate of sixty-eight percent (68%) of the Quarterly Service Charge per ~~equivalent connection~~Equivalent Connection as established by the Governing Board and amended~~the latter may be changed~~ from time to time ~~in accordance with the law.~~

(~~717~~) “Estoppel Fee” means ~~—The Estoppel Fee shall be defined as~~ the charge to offset administrative and legal expenses associated with providing information to parties requesting the status in writing for justifiable reliance purposes as to rates, fees, and charges due to the District for a specific property. An Estoppel Fee is determined at \$30.00~~25.00~~ per Estoppel letter provided by the District and may be changed from time to time in accordance with the law.

(~~1118~~) “Owner” ~~—An Owner shall be defined as~~ means the legal owner or owners of a property served by the District. By accepting sewage service from the District, all of the property owners of each parcel shall be jointly and severally liable to the District for all charges, rates, and fees incurred for each parcel. If requested by the Owner in writing, the District will submit its bills and other communications to an agent of the Owner such as ~~Where appropriate, the District may treat a~~ pProperty oWners ~~Association,~~ or hHomeowners aAssociation manager, pProperty

mManager, or other legally authorized representative of the Owner, ~~as the Owner (e.g., regarding billing and other communications).~~

(~~419~~) ~~“Delinquent Quarterly Service Charge for Sewer Service” is —A Quarterly Service Charge for Sewer Service shall be~~ delinquent if not paid during the service period.

(~~120~~) ~~“Account” is the —The District shall establish an~~ account for each property connected to the District’s sewer system established by the District. No more than one (1) account will be established per unique Property Control Number (PCN) as established by either Martin County or Palm Beach County, whichever is applicable.

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

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

(9) “G.P.D.” means gallons per day.

Specific Authority Chapter 2021-249~~Chapter 71-822, Special Acts of Florida, 1971, as amended by Chapters 75-475, 76-431, 78-559 and 78-561~~, Laws of Florida. Law Implemented Chapter 2021-249, Section 6(6), (8), (9), (11), (12), and (27), and Section 8~~Chapter 71-822, Section 6(8) and (11), and Section 8; and Sections 6(9), (12) and (27) as amended by Chapter 76-429~~. History – New 12-9-76, Amended 9-26-78, 5-21-81, 3-15-2012, 3-20-2014, 3-19-2015, 6-18-2015, 3-17-2016, 3-21-2019, 3-17-22. Formerly 31-10.01.

31-10.002 Residential Equivalent Connections.

~~(1) —Residential equivalent connections for the purpose of determining Plant Connection Charges, regional transmission system Line Charges, Administrative Charges, and Quarterly Service Charges and such other reasonably related purposes, shall be as follows:~~

- ~~(a) One (1) toilet (water closet) equals 1.000 equivalent connections.~~
- ~~(b) Two (2) toilets (water closets) equals 1.250 equivalent connections.~~
- ~~(c) Three (3) toilets (water closets) equals 1.500 equivalent connections.~~
- ~~(d) Four (4) or more toilets (water closets) equals 1.750 equivalent connections.~~

~~(2) Nurseries/Day Care Centers shall have residential equivalent connections for purposes of Plant Connection Charges, Regional Transmission System Line Charges, Administrative Charges, Quarterly Service Availability Standby Charges, and Quarterly Service Charges, and shall be based on the rate of 1.0 residential equivalent connection per 550 square feet of gross space.~~

~~(3) Live/Work Units (as such zoning designation is approved, determined and defined by the local zoning authority) shall have residential equivalent connections for purposes of Plant Connection Charges, Regional Transmission System Line Charges, Administrative Charges, Quarterly Service Availability Standby Charges, and Quarterly Service Charges based upon two components: (i) The Residential (“Live”) component based upon the number of toilets in the entire Live/Work Unit shall have the number of equivalent connections as set forth in subsection (1) above plus (ii) the Limited Non-Residential (“Limited Work Unit”), defined as the uses total gross floor area does not exceed 500 square feet, component shall be deemed to be an additional .50 equivalent connections, or (iii) the Standard Non-Residential (“Standard Work Unit”), defined as the uses total gross floor area exceeds 500 square feet, component shall be deemed to be an additional 1.0 equivalent connections.~~

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

1) Residential Equivalent Connections are calculated as:

- (a) One (1) toilet (water closet) equals 1.000 Equivalent Connections.
- (b) Two (2) toilets (water closets) equals 1.250 Equivalent Connections.
- (c) Three (3) toilets (water closets) equals 1.500 Equivalent Connections.
- (d) Four (4) or more toilets (water closets) equals 1.750 Equivalent Connections.

2) Nurseries/Day Care Centers are calculated as 1.0 residential Equivalent Connection per 550 square feet of gross space.

3) Live/Work Units (as such zoning designation is approved and defined by the local zoning authority) are calculated based upon two components:

- (a) The Residential (“Live”) component is calculated as provided in subsection (1) above; plus
- (b) The Limited Non-Residential (“Limited Work Unit”), defined as a total gross floor area 500 square feet or less, adds 0.50 Equivalent Connection, or the Standard Non-Residential (“Standard Work Unit”), defined as a total gross floor area more than 500 square feet, adds 1.0 Equivalent Connection.

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

Specific Authority Chapter ~~2021-249~~2002-358, Laws of Florida~~;~~ Law Implemented Chapter ~~2021-249~~2002-358, Laws of Florida~~;~~ Sections ~~6(6), (8), (9), and (11), and (19), and Section 8; and Sections 6(9), (12) and (27).~~ History-New 12-9-76, Amended 9-26-78, 5-21-81, 6-30-85, 11-1-98, Formerly 31-10.02. Amended 3-17-2005, 3-16-2006, 3-15-2012, 3-20-2014, 6-18-2015, 3-17-22.

31-10.003 Non-Residential Equivalent Connections.

(1) ~~For the purpose of determining Plant Connection Charges, Regional Transmission System Line Charges, Administrative Charges, Quarterly Service Availability Standby Charges, Quarterly Service Charges and such other reasonably related purposes, equivalent connections for non-residential units shall consist of the highest number of equivalent connections reflected in subsections (a) and (b) below or in accordance with calculations derived from use of subsection (c) below (if applicable), or if (a), (b) or (c) are not applicable as determined by the Governing Board, then by (d) below~~The District will use the highest number of Equivalent Connects to determine Plant Connection Charges, Regional Transmission System Line Charges, Administrative Charges, Quarterly Service Availability Standby Charges, and Quarterly Service Charges, and other purposes in connection with sewer service provided by the District:

- (a) A minimum of one (1) ~~equivalent connection~~Equivalent Connection per non-residential unit, as defined herein; or
- (b) One (1) ~~equivalent connection~~Equivalent Connection per toilet (water closet); or

(c) Equivalent ~~C~~onnections in accordance with the following non-residential businesses, occupations and uses, based upon the maximum occupancy per fire code design where applicable:

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

Quasi-public toilets e.g., community recreation areas	1/toilet
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or,

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

Specific Authority Chapter ~~2021-2492002-358~~, Laws of Florida. Law Implemented Chapter ~~2021-2492002-358~~, Sections 6(6), (8), (9), and (11), and (19), and Section 8, and Sections 6(9), (12) and (27). History-New 12-9-76, Amended 6-25-78, 9-26-78, 5-21-81, 4-25-84, 6-30-85. Formerly 31-10.03. Amended 3-23-00, 3-17-05, 3-16-06, 03-18-10, 3-20-2014, 6-18-2015, 3-17-2016, 3-17-22.

31-10.004 Application for Sewer Service.

~~An application for sewer service shall be made by the legal owner of the property (hereinafter referred to as the "Owner").~~ Before any Owner receives sewer service from the District, the Owner shall:

1. if a new customer, submit an application to the District on a form created by the District for an application form as provided on the District website ("Application for Sewer Service") such purpose. The application shall be submitted to the District's Customer Service Department in person;

2.- The Owner shall pay any outstanding and/or delinquent fees and charges owed to the District for the subject property;

3. provide proper personal identification and proof of ownership of the property at which sewer service is desired. The District may accept telephone or electronic orders for utility service from existing customers with an active District account provided that the Owner provides the District proper personal identification (driver's license number or state identification card number) that matches the previous information in the Owner's record and proof of ownership of the property at which service is desired; and

3. pay all outstanding fees and charges owed to the District for the subject property, including any delinquent fees and/or charges.

~~as a condition of the~~ An Application for Sewer Service ~~shall not be deemed being~~ complete unless the above three (3) requirements are met.

The Fair and Accurate Credit Transaction Act of 2003, [15 United States Code, Chapter 41, Section 1681](#), which can be found at <https://www.ftc.gov/enforcement/statutes/fair-accurate-credit-transactions-act-2003>, requires that the District obtain positive identification from [the](#) Owner

requesting utility service. ~~Therefore,~~

~~Aall new Owners shall submit an Application for Ssewer Sservice in person and provide proper personal identification and proof of ownership of the property at which sewer service is desired. The District may accept telephone or electronic orders for utility service from existing customers (i.e., those Owners with an active District account) provided that the Owner provides the District proper personal identification (driver's license number or state identification card number) that matches the previous information in the Owner's record and proof of ownership of the property at which service is desired.~~

The receipt of an application by the District does not constitute a guarantee of sewer service.

Specific Authority [Chapter 2021-249, Laws of Florida](#)~~Chapter 71-822, Special Acts of Florida, 1971, as amended~~. Law Implemented [Chapter 2021-249, Laws of Florida, Section 6-\(6\), \(9\), \(11\) and \(19\), and Section 8](#)~~Chapter 71-822, Section 6(9) and (11)~~. History - New 12-9-76. Repealed 12-12-78, Formerly 31-10.04. New 3-19-2015 as to Application for Sewer Service, [Amended 3-17-22](#).

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

(1) [Before connecting, directly or indirectly, to the Regional Wastewater System, an Owner shall pay all applicable](#) Plant Connection Charges, Regional Transmission System Line Charges, [Administrative Charges](#), and Subregional Line Charges~~(where applicable) for Residential and Non-Residential units for the use of and the services and facilities to be furnished by the Regional Wastewater System of the District shall be paid by the owner of each lot or parcel of land which may be connected with or used by such system or systems of the District.~~

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

PLANT CONNECTION CHARGES

~~1 April 2021 thru 31 March 2022 @ \$2,087 per E.C.~~

~~1 April 1, 2022 thru 31 March 31, 2023 @ \$1,799.00~~2,129 per E.C.

~~1 April 1, 2023 thru 31 March 31, 2024 @ \$2,193 per E.C.~~

~~1 April 1, 2024 thru 31 March 31, 2025 @ \$2,259 per E.C.~~

~~1 April 1, 2025 thru 31 March 31, 2026 @ \$2,326 per E.C.~~

REGIONAL TRANSMISSION SYSTEM LINE CHARGES

~~1 April 2021 thru 31 March 2022 @ \$691 per E.C.~~

1 April 1, 2022 thru 31 March 31, 2023 @ ~~\$1,168.00~~705 per E.C.

~~1 April 1, 2023 thru 31 March 31, 2024 @ \$726 per E.C.~~

~~1 April 1, 2024 thru 31 March 31, 2025 @ \$748 per E.C.~~

~~1 April 1, 2025 thru 31 March 31, 2026 @ \$770 per E.C.~~

ADMINISTRATIVE CHARGES

~~1 April 2021 thru 31 March 2022 @ \$145.24 per E.C.~~

1 April 1, 2022 thru ~~31~~ March 31, 2023 @ ~~\$169.00~~148.14 per E.C.

~~1 April 1, 2023 thru 31 March 31, 2024 @ \$152.59 per E.C.~~

~~1 April 1, 2024 thru 31 March 31, 2025 @ \$157.16 per E.C.~~

~~1 April 1, 2025 thru 31 March 31, 2026 @ \$161.88 per E.C.~~

Commencing April 1, 2023 and thereafter, Plant Connection Charges, Regional Transmission System Line Charges, and Administrative Charges shall increase (or decrease) based upon the annual increase (or decrease) in the Engineering News Record Construction Cost Index published in the February edition of each year.

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

(3) Notwithstanding Section 31-10.005-(2) above, effective ~~1~~ April 1, 1995, those properties having (or which previously had) buildings or structures having certificates of occupancy prior to ~~1~~ April 1, 1981, shall pay the full Plant Connection Charge established in Section 31-10.005(2) less a subsidy of Five Hundred Dollars (\$500.00) ~~Dollars~~, provided they are paid for and connected to the Regional Sewer System within one (1) year of the time that lines serving said property are formally declared Aavailable by the Governing Board ~~of the District~~. Notwithstanding Section 31-10.005-(2) above, the Plant Connection Charge, Regional Transmission System Line

Charges, and Administrative Charges for those buildings or structures having certificates of occupancy prior to notice of sewer availability, can be financed using the District's Installment Agreement method of collection up to five (5) years at a fixed interest rate equal to the current Wall Street Journal Prime Rate plus two percent (2.0%) ~~percent~~, but not to exceed eight percent (8%), existing at the time of execution of the Installment Agreement, with no prepayment penalty. Should any structure or building not be paid for or financed using the District's Installment Agreement and connected to the District's system within one (1) year of the time that the line serving said property is formally declared Aavailable by the ~~District's~~ Governing Board, it will at the time of connection pay full Plant Connection Charges, Regional Transmission System Line Charges, and Administrative Charges as are applicable to new construction at time that connection is made regardless of the date of certificate of occupancy.

(4) ~~Those Owners buildings or structures~~ with existing contracts for service with the District ~~as of the effective date hereof~~ shall pay Plant Connection Charges ~~and, where applicable~~ Regional Transmission System Line Charges, and Administrative Charges ~~of the amounts~~ as indicated in those contracts ~~that are to be paid for capital improvement charges~~, and such ~~Plant Connection Charges and, where applicable Regional Transmission System Line Charges and Administrative Charges~~ charges shall not be subject to increase.

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

(5)(a) Western Indiantown Road Subregional Collection Facilities: Subregional Transmission System Line Charges for the Western Indiantown Road Subregional Collection Facilities shall be \$1,864.13 ~~1,811.25~~ per Equivalent Connection through March 31, 2021. Commitment of service shall not exceed those total capacity limitations as authorized for commitment by the Governing Board ~~of the District~~. The full amount of the Subregional Line Charges shall be due and payable at the time

commitment of service is made. Those buildings or structures having certificates of occupancy prior to January 20, 2012, the date this transmission system line was deemed ~~A~~available, may finance this Subregional Line Charge over twenty (20) years at a fixed interest rate equal to the current Wall Street Journal Prime Rate plus two (2.0%) percent, but not to exceed 8%, existing at the time commitment of service is made, with no prepayment penalty~~at 6.875% interest, with no pre-payment penalty~~, to be collected by ~~n~~Non-~~a~~Ad Valorem tax roll.

5(b) Inlet Village Subregional Line Charge for Inlet Village Subregional Collection Facilities. The rate of the Inlet Village Subregional Line Charge shall be ~~\$2,210.98~~~~2,166.79~~ per ~~equivalent connection~~Equivalent Connection ~~(E.C.)~~ through March 31, 2021. Commitment of service shall not exceed those total capacity limitations as authorized for commitment by the Governing Board~~of the District~~. The full amount of the Subregional Line Charges shall be due and payable at the time commitment of service is made, except those buildings or structures having certificates of occupancy prior to the date this transmission system line is deemed ~~A~~available, may finance this Subregional Line Charge over twenty (20) years at a fixed interest rate equal to the current Wall Street Journal Prime Rate plus two (2.0%) percent, but not to exceed 8%, existing at the time commitment of service is made, with no prepayment penalty~~at 6.875% interest, with no pre-payment penalty~~, to be collected by ~~n~~Non-~~A~~ad ~~v~~Valorem tax roll.

5(c) Rocking Horse Lane Subregional Line Charge for Rocking Horse Lane Subregional Collection Facilities. The rate of the Rocking Horse Lane Subregional Line Charge shall be ~~\$616.44~~~~604.12~~ per ~~equivalent connection~~Equivalent Connection ~~(E.C.)~~ through March 31, 2021. Commitment of service shall not exceed those total capacity limitations as authorized for commitment by the Governing Board~~of the District~~. The full amount of the Subregional Line Charges shall be due and payable at the time commitment of service is made, except those buildings or structures having certificates of occupancy prior to the date this transmission system line is deemed ~~A~~available, may finance this Subregional Line Charge over twenty (20) years at a fixed interest rate equal to the current Wall Street Journal Prime Rate plus two (2.0%) percent, but not to exceed 8%, existing at the time commitment of service is made,

with no prepayment penalty~~at 6.875% interest, with no pre-payment penalty~~, to be collected by nNon-aAd vValorem tax roll.

5(d) 66th Terrace Phase 1 Subregional Line Charge for 66th Terrace Phase 1 Subregional Collection Facilities. The rate of the 66th Terrace Phase 1 Subregional Line Charge shall be \$622.02 per equivalent connection (E.C.). Commitment of service shall not exceed those total capacity limitations as authorized for commitment by the Governing Board of the District. The full amount of the Subregional Line Charges shall be due and payable at the time commitment of service is made, except those buildings or structures having certificates of occupancy prior to the date this transmission system line is deemed available, may finance this Subregional Line Charge over twenty (20) years at a fixed interest rate equal to the current Wall Street Journal Prime Rate plus two (2.0%) percent, but not to exceed 8%, existing at the time commitment of service is made, with no prepayment penalty, to be collected by Non-Ad Valorem tax roll.

Specific Authority Chapter ~~2021-249, Laws of Florida 71-822, Special Acts of Florida, 1971, as amended~~, and ~~Florida Statutes Section 381.00655, Florida Statutes~~. Law Implemented Chapter 2021-249, Laws of Florida, Section 6-(6), (9), (11), (12), and (19), and Section 8.~~Chapter 71-822, Section 6(8) and (11), and Section 8; and Sections 6(9), (12) and (27) as amended by Chapter 76-429.~~ History - New 12-9-76, Amended, 9-26-78, 12-12-78, 5-21-81, 5-24-82, 4-24-83, 4-25-84, 6-30-85, Formerly 31-10.05. Amended 6-30-86, 5-4-87, 4-17-88, 5-3-89, 5-13-90, 5-7-92, 5-9-93, 5-9-94, 5-19-96, 7-14-97, 11-1-98, 6-22-99, 3-23-00, 3-15-01, 3-21-02, 3-20-03, 3-18-04, 3-17-05, 3-16-06, 3-15-07, 3-20-08, 3-19-09, 3-18-10, 3-17-11, 3-15-2012, 6-21-2012, 3-21-2013, 3-20-2014, 3-19-2015, 3-17-2016, 3-16-2017, 3-21-2019, 10-15-2020, 3-17-22.

31-10.006 Special Assessments.

Special Assessments ~~for residential and non-residential use of and the services and facilities to be furnished by the Regional Wastewater System of the District shall consist of are those special assessments approved, set, and levied by the Governing Board of the District on the basis of the total cost to the District of construction, reconstruction, labor, materials, acquisition, property rights, surveys, design, engineering, legal, administration, operation, maintenance, and all other expenses necessary or incidental to completion of the specially assessed improvements, and~~ are due and payable with interest at the time of transfer of the underlying real property for consideration as an at-arms-length transaction unless transferred to the real estate tax bill for the property as a continuing obligation of the property until paid in full.

Specific Authority [Chapter 2021-249, Laws of Florida, Section 6\(10\), \(12\), \(19\) and \(27\)](#)~~Chapter 71-822, Special Acts of Florida, 1971, as amended, and Florida Statutes 381.00655. Law Implemented Chapter 2021-249, Laws of Florida, Section 6(10), (12), (19), and (27). Chapter 71-822, Section 6(8) and (11), and Section 8; and Sections 6(9), (12) and (27) as amended by Chapter 76-429.~~ History - New 12-9-76, Amended, 9-26-78, 12-12-78, 5-21-81, 5-24-82, 4-24-83, 4-25-84, 6-30-85, Formerly 31-10.05. Amended 6-30-86, 5-4-87, 4-17-88, 5-3-89, 5-13-90, 5-7-92, 5-9-93, 5-9-94, 5-19-96, 7-14-97, 11-1-98, 6-22-99, 3-23-00, 3-15-01, 3-21-02, 3-20-03, 3-18-04, 3-17-05, 3-16-06, 3-15-07, 3-20-08, 3-19-09, 3-18-10, 3-17-11. 3-15-2012, [3-17-22](#).

31-10.007 Quarterly Service Charges for Sewer Service.

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

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

~~For the period of 1 April 1, 2021 thru 31 March 31, 2022 @ \$55.15 per E.C.~~

For the period of ~~1~~April [1](#), 2022 thru ~~31~~March [31](#), 2023 @ \$56.25 per E.C.

For the period of ~~1~~April [1](#), 2023 thru ~~31~~March [31](#), 2024 @ \$57.38 per E.C.

For the period of ~~1~~April [1](#), 2024 thru ~~31~~March [31](#), 2025 @ \$59.10 per E.C.

For the period of ~~1~~April [1](#), 2025 thru ~~31~~March [31](#), 2026 @ \$60.87 per E.C.

[For the period of April 1, 2026 thru March 31, 2027 @ \\$62.70 per E.C.](#)

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

~~For the period of 1 April 2021 thru 31 March 31, 2022 @ \$6.29 per thousand gallons of metered Water usage;~~

For the period of ~~1~~April [1](#), 2022 thru ~~31~~March [31](#), 2023 @ \$6.42 per thousand gallons of metered ~~W~~[potable](#) water usage;

For the period of ~~1~~April [1](#), 2023 thru ~~31~~March [31](#), 2024 @ \$6.55 per thousand gallons of metered ~~W~~[potable](#) water usage;

For the period of ~~1-April 1, 2024~~ thru ~~31-March 31, 2025~~ @ \$6.75 per thousand gallons of metered ~~W~~potable water usage;

For the period of ~~1-April 1, 2025~~ thru ~~31-March 31, 2026~~ @ \$6.95 per thousand gallons of metered ~~W~~potable water usage;

For the period of April 1, 2026 thru March 31, 2027 @ \$7.16 per thousand gallons of metered potable water usage;

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

~~For the period of 1-April 1, 2021 thru 31-March 31, 2022 @ \$75.47~~

For the period of ~~1-April 1, 2022~~ thru ~~31-March 31, 2023~~ @ \$76.98

For the period of ~~1-April 1, 2023~~ thru ~~31-March 31, 2024~~ @ \$78.52

For the period of ~~1-April 1, 2024~~ thru ~~31-March 31, 2025~~ @ \$80.88

For the period of ~~1-April 1, 2025~~ thru ~~31-March 31, 2026~~ @ \$83.31

For the period of April 1, 2026 thru March 31, 2027 @ \$85.81

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

~~For the period of 1-April 1, 2021 thru 31-March 31, 2022 @ \$75.47 per E.C.~~

For the period of ~~1-April 1, 2022~~ thru ~~31-March 31, 2023~~ @ \$76.98 per E.C.

For the period of ~~1-April 1, 2023~~ thru ~~31-March 31, 2024~~ @ \$78.52 per E.C.

For the period of ~~1-April 1, 2024~~ thru ~~31-March 31, 2025~~ @ \$80.88 per E.C.

For the period of ~~1-April 1, 2025~~ thru ~~31-March 31, 2026~~ @ \$83.31 per E.C.

For the period of April 1, 2026 thru March 31, 2027 @ \$85.81 per E.C.

(2) Temporary Disconnection of Sewer Service – The District may temporarily suspend ~~Quarterly sewer s~~Service ~~C~~charges when sewer service is disconnected as provided below. ~~under certain defined circumstances and at the District's sole discretion.~~ If temporarily suspended, quarterly sewer service charges will cease on the first day of the quarter following verification and approval by the District. Quarterly sewer service charges will resume on the first day of the quarter following reconnection to the sewer (e.g., upon receipt of a Certificate of Occupancy). Failure to notify the District of reconnection to the sewer system will result in the District back-billing

quarterly sewer service charges to the date reconnection to the sewer was made. Circumstances warranting suspension of quarterly sewer service charges of an existing Residential Unit or Non-residential Unit connected to the District's sewer system include:

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

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

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

Specific Authority Chapter 2021-249, Laws of Florida~~71-822, Special Acts of Florida, 1971, as amended and Florida Statutes 381.00655~~. Law Implemented ~~Chapter 71-822, Chapter 2021-249, Laws of Florida~~ Section 6~~(6)~~ (8), ~~(9), and (11), (19), and (27)~~, and Section 8~~; and Sections 6(9), (12) and (27) as amended by Chapter 76-429~~. History - New 12-9-76, Amended 6-25-78, 9-26-78, 12-12-78, 11-28-79, 5-21-81, 5-24-82, 10-12-82, 4-24-83, 5-24-84, 6-30-85, Formerly 31-10.07. Amended, 6-30-86, 5-4-87, 4-17-88, 5-3-89, 5-13-90, 5-12-91, 5-7-92, 5-10-93, 5-7-94, 5-7-95, 5-19-96, 7-14-97, 11-1-98, 6-22-99, 3-23-00, 3-15-01, 3-21-02, 3-20-03, 3-18-04, 3-17-05, 3-16-06, 3-15-07, 3-20-08, 3-19-09, 3-18-10, 3-17-11, 3-15-2012, 3-21-2013, 3-20-2014, 3-19-2015, 6-18-2015, 3-17-2016, 3-16-2017, 3-21-2019, 3-17-22.

31-10.008 Determination of Equivalent Connections.

Each ~~owner~~ Owner of each lot or parcel of land which may be connected to the ~~regional wastewater system of the District~~ Regional Wastewater System shall provide proof of the number of Equivalent Connections ~~first determine the amount of equivalent connections for each lot or parcel~~

~~owned to the owner's lot or parcel of land and produce proof of the same to the satisfaction of the District. If the Owner does not Failure to produce proof of the number of Equivalent Connections, the District will charge the Owner to the District shall result in a determination by the District that the owner of each residential lot or parcel which may be connected to the regional wastewater system shall be charged the rates, fees and charges of the District based upon 1.75 equivalent connections, and the owner of each non-residential lot or parcel which may be connected to the regional wastewater system shall be charged up to the maximum rates, fees and charges of the District based upon 1.75 E.C. per lot or parcel based upon the best information practically available to the District, as determined by the District.~~

Specific Authority Chapter ~~2021-249, Laws of Florida 71-822, Special Acts of Florida, 1971, as amended.~~ Law Implemented Chapter ~~2021-249, Laws of Florida 71-822, Section 6-(6) and (9)(8) and (11), and Section 8; Sections 6(9), (12) and (27) as amended by Chapter 76-429.~~ History - New 12-9-76. Amended 9-26-78, Formerly 31-10.08, Amended 3-15-2012, 3-19-2015, 3-17-22.

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

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

(2) Payment. All payments to the District shall be made using U.S. funds (dollars). Payment may be made in cash, check, electronic check, money order, electronic bill pay, direct debit, ~~debit card (a Master Card or Visa debit card,)~~ or credit card ~~or a (Discover, Master Card, or Visa credit card).~~ All checks shall be in ~~a such~~ form ~~that complies as will comply~~ with the standards for cash items adopted by the Federal Reserve System to facilitate the sorting, routing, and mechanized processing of such items. ~~Beginning July 1, 2016 p~~Payment made using debit card or credit card is limited to a maximum of \$5,000.00 per account per month.

(3) Delinquent Quarterly Service Charge for Sewer Service. Quarterly Service Charge for Sewer Service shall be delinquent if not paid during the service period. ~~Effective the service period beginning July 1, 2016~~The District will apply a delinquent fee equal to ten percent (10%) of the delinquent Quarterly Service Charge for Sewer Service ~~will be applied~~ to accounts with a delinquent balance of \$20.00 or more.

(4) Default. ~~In the event~~If any fees, rates, or charges for sewage service are not paid when due and are unpaid for ~~at least~~ thirty (30) days ~~or more, and the property owner~~Owner shall 03-17-2022 04-01-2021

be ~~deemed~~ in default, and the District may seek recovery of the amounts due from the ~~property owner~~Owner through any or all available legal remedies.

~~(5) — Acceptance. By acceptance of sewage service from the District, all of the property owners shall be jointly and severally liable to the District for all charges, rates and fees incurred.~~

~~(56)~~ Enforcement. When the fees, rates, or charges for the services and facilities of any system are not paid when due and are in default as set forth above, the District shall provide written notice to the ~~property owner~~Owner that the District may discontinue and shut-off the supply of ~~the~~ services and facilities ~~for said system,~~ to the property, until all ~~such~~ fees, rates, or charges, including interest at twelve percent (12%) per annum, plus all penalties and charges for the shutting off and discontinuance and ~~or~~ the restoration of such services or facilities are fully paid. If the fees or charges remain unpaid for thirty (30) days after being due, such delinquent fees, rates, or charges shall bear interest at the rate of twelve percent (12%) per annum computed from the date when originally due, until paid and the District may discontinue the supply of service and facilities to the property. The District may file suit in a court of competent jurisdiction to recover any ~~Such~~ delinquent fees, or charges, together with legal interest, penalties, and charges for the shutting off and discontinuance ~~or~~ and the restoration of such services or facilities and all other costs and other expenses, including court costs and reasonable attorney's fees, ~~shall be recovered by the District in a court of competent jurisdiction.~~

~~(67)~~ Foreclosure of Liens. The District shall have a lien on all lands and premises served by it for all charges and fees, until paid, for services provided to such lands or premises by the District, or connection fees associated therewith, which lien shall be prior to all other liens, except that such lien shall be on parity with the lien of state, county, and municipal taxes, and any lien for charges for services created pursuant to Section 159.17, Florida Statutes. Such lien shall be perfected by the District by recording in the official records of the county in which the lands or premises are located a claim of lien in form substantially as provided in Section 713.08, Florida Statutes. A copy of the claim of lien shall be served as provided in Section 713.18, Florida Statutes, within ten (10) days after the claim of lien is recorded. If thirty (30) days after service has been made, liens created under this ~~Rule~~section remain delinquent, such liens may be foreclosed by the District in the manner provided by the laws of Florida for the foreclosure of mortgages on real property, and the District shall be entitled to 12% interest per annum, ~~and~~ attorney's fees, and other court costs.

(78) No Service Free. No sewage disposal service shall be furnished or rendered free of charge to any Owner, person, firm, corporation, agency or organization whatsoever, and the District and each and every Owner, person, firm, corporation, agency or organization ~~that~~which uses or is required to use such service shall pay ~~therefore at~~ the rates, fees, and charges established ~~fixed~~ by the Governing Board ~~of the District~~.

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

Specific Authority Chapter 2021-249, Laws of Florida~~71-822, Special Acts of Florida, 1971, as amended~~. Law Implemented Chapter 2021-249, Laws of Florida~~71-822~~, Section 6~~(6), (8), (9), and (11), and (19)~~, and Section 8; ~~Sections 6(9), (12), (19) and (27) as amended by Chapter 76-429~~. History - New 12-9-76. Formerly 31-3.16, 31-3.18 ~~and~~ 31-10.09. Rules 31-3.016 & 31-3.018 moved, consolidated and renumbered 31-10.009(4), (5) ~~and~~ (6) by amendment on 6-15-2000. Amended 9-26-78, 10-11-80, 3-23-00, 6-15-00, 3-15-2012, 3-19-2015, 3-17-2016, 3-17-22.

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

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

(2) Applicants desiring to reserve service availability for 10 Equivalent Connections or more must execute a standard developer agreement, as developed and provided by the District ("Standard Developer Agreement"), which is provided on the District's website at <https://loxahatcheeriver.org> and also may be obtained from the District office, and pay all charges and fees required by the agreement. ~~All persons, firms and corporations (hereinafter called "Applicant") desiring to reserve service availability of 10 E.C.s or more in the regional wastewater system of the District where said system is available as defined herein, or is proposed to be available as determined by the District, prior to receiving District approval, shall sign a developer agreement and pay the charges and fees as specified therein. An Applicant for service requiring less than 10~~

~~E.C.s shall execute an Application for Service appropriate to the use, and shall pay all Connection Charges at the time of Application. These further requirements shall be met for all developer agreements:~~

~~(a)~~ Applicants must also provide plans and specifications ~~shall clearly indicate with~~ sufficient detail to calculate the number of ~~equivalent connection~~ Equivalent Connections contemplated on the lot or parcel of land.

~~(b)~~ The following matters are addressed in the ~~applicant shall enter into a~~ “Standard Developer Agreement” ~~with the District, form LRECD 102 dated 11/17/2011 incorporated herein by reference, the form of which may be obtained without cost from the District office, providing for the following matters:~~

~~(a)1.~~ The reservation of the agreed service availability in the Regional Wastewater System ~~regional wastewater system~~ on the subject property in terms of ~~equivalent connection~~ Equivalent Connections.

~~(b)2.~~ Payment ~~of fees as~~ required to reserve sewer service availability, ~~and specified in the Standard Developer Agreement.~~

~~(c)3.~~ Construction of off-site facilities under certain conditions.

~~(d)4.~~ Dedication of ~~the defined sewerage~~ facilities and land to the District.

~~5. (e)~~ Describing the reservation of service availability in terms of the equivalent connections as non-assignable, non-transferable, and running with the land, and describing exceptions.

~~(f)6.~~ Requiring payment of a Quarterly Service Availability Standby Charge and prepayment of twelve (12) months thereof.

~~(g)7.~~ Describing payment and obligations and providing for recovery of costs and attorney’s fees.

~~(h)8.~~ Subject the Owner to the rates, fees and charges of the District as established from time to time but fixing the rate for the Regional Transmission System Line Charge, Administrative Charge, and Plant Connection Charge.

(2) ~~All persons, firms, and corporations (hereinafter called “applicant”)~~ Applicants desiring to reserve service availability for concurrency in the Regional Wastewater System ~~regional wastewater system of the District where said system is available as defined herein, or is proposed to be available as determined by the District, prior to receiving District approval, shall~~ must sign a “Concurrency Reservation Agreement,” which is provided on the District’s website at

<https://loxahatcheeriver.org> (“Concurrency Reservation Agreement”) and also may be obtained from the District office, and make all payments required by the agreement. Applicants must also provide plans and specifications with sufficient detail to calculate the number of ~~equivalent connection~~ Equivalent Connections contemplated on the lot or parcel of land. The following matters are addressed in the Concurrency Reservation Agreement: ~~pay the charges and fees as specified therein. These further requirements shall be met:~~

- ~~(a) Plans and specifications shall clearly indicate sufficient detail to calculate the number of equivalent connections contemplated on the lot or parcel of land.~~
- ~~(b) The applicant shall enter into a “Concurrency Reservation Agreement”, which is incorporated herein by reference, known as District form number LRECD-18, the form of which may be obtained without cost from the District office, providing for the following matters:~~
 - ~~(a)1.~~ The reservation of the agreed service availability in the regional wastewater system on the subject property in terms of equivalent connections.
 - ~~(b)2.~~ Requiring payment of a Quarterly Service Availability Standby Charge and prepayment of twelve (12) months thereof.
 - ~~(c)3.~~ Providing a duration of the shorter of twelve (12) months or thirty (30) days after applicant obtains a development order.
 - ~~(d)4.~~ Providing for the unexpired portion of the prepaid Quarterly Service Availability Standby Charge to be refunded to the applicant if the development order is denied, or credited to the Service Availability Standby Charge if a Standard Developer’s Agreement is entered into by the applicant within thirty (30) days of the development order.
 - ~~(e)5.~~ Describing the reservation of service availability in terms of the equivalent connections as non-assignable, non-transferable, and running with the land, and describing exceptions.
 - ~~(f)6.~~ Describing payment, including rates, fees, and charges of the District, and obligations and providing for recovery of costs and attorney’s fees.

Specific Authority Chapter [2021-249, Laws of Florida](#), ~~71-822, Special Acts of Florida, 1971, as amended.~~ Law Implemented Chapter [2021-249, Laws of Florida](#) ~~71-822~~, Section 6(~~6~~), (~~8~~), (~~9~~), and (~~11~~), ~~and (19)~~, and Section 8; ~~and Sections 6(9), (12) and (27) as amended by Chapter 76-429.~~ History-New 12-9-76. Amended, 9-26-78, 5-21-81, 5-24-84. Formerly 31-10.10. Amended 5-10-93, 3-20-08, 3-19-09, 3-18-10, 3-15-2012, [3-17-22](#).

~~31-10.011~~ **Connections to Sewer Required.**

~~(1) Connection Required. No less than one (1) year prior to the date the sewerage system will become Aavailable, the District shall notify the affected owner of the onsite sewage treatment and disposal system: 1) of the anticipated availability of the sewerage system and shall also notify the owner 2) that the owner will be required to connect to the sewerage system within one (1) year of the actual availability. The owner of each lot or parcel of land within the District upon which lot or parcel of land that contains any building, trailer, or other structure requiring wastewater disposal is now situated or shall hereafter be situated, in an area where the District system is Aavailable, as defined in this Chapter herein, shall cause such building or buildings, trailer or trailers, structure or structures to be connected with and shall use the District sewerage facilities of the District and to use such facilities, within one (1) year following notification to do so by the District. All such connections shall be made in accordance with the District's rules and policies the regulations, which shall be adopted from time to time by the Governing Board, which rules and regulations shall provide for a charge for making any such connections in such reasonable amount as the Governing Board may find and determine.~~

~~(2) "Established Residential Neighborhood." For the purposes of this Rule, an Established Residential Neighborhood is shall be considered an area within the geographic boundaries of the District defined by natural geographic boundaries, common restrictions, or other common characteristics as reasonably determined by the District, in which fifty percent (50%) or more of the lots contained completed Residential Units as of May 22, 1971.~~

~~(3) Collection Line Construction and Availability in Established Neighborhoods. The Loxahatchee River Environmental Control District shall construct and declare a Aavailable, sewerage collection lines and related appurtenances comprising a localized District sewer system in Established Residential Neighborhoods based upon the Governing Board's determination of any of the following:~~

- ~~(a) That fifty percent (50%) or more of the record owners of property to be serviced by such localized sewerage system shall desire and consent to the construction of said system; or~~
- ~~(b) That a reasonable alternative to the septic tanks exists for the treatment of the sewerage, taking into consideration factors such as cost; or~~

- ~~(c) 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~~
- ~~(d) To enhance the environmental and scenic value of surface waters.~~

~~Specific Authority Chapter 2021-249, Laws of Florida, 71-822, Special Acts of Florida, 1971, as amended and Florida Statutes Sections 373.451, 381.0065, and 381.00655, Florida Statutes. Law Implemented Chapter 2021-249 71-822, Section 6(6), (8), (9), 6(10), 6(11), and (19), 6(16), 6(17), 6(23) and Section 8; and Sections 6(9), (12) and (27) as amended by Chapter 76-429; and Section 6(3) and 6(19) as amended by Chapter 78-559. History - New 11-12-75, 12-9-76, and 1-9-85. Formerly 31-3.02, 31-3.21, and & 31-10.11. Rules 31-3.002(4) and 31-3.021 moved and renumbered 31-10.011(2) and &(3) by amendment on 6-15-2000. Amended 9-26-78, 2-2-94, 3-23-2000, 6-15-2000, 3-17-22.~~

~~Annotation: Village of Tequesta v. Loxahatchee River Environmental Control District, Case No. 97-4367 AD, 15th Judicial Circuit of Palm Beach County, Florida, Final Judgment ordered August 6, 1987, affirmed in Village of Tequesta v. Loxahatchee River Environmental Control District, 714 So.2d 1100, (Fla 4th DCA 1998).~~

~~Note: Rule 31-10.011(3) Commonly referred to as the "Ellis Rule".~~

31-10.012 Exceptions to the Payment of Connection Charges.

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

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

~~Specific Authority Chapter 2021-249, Laws of Florida, 71-822, Special Acts of Florida, 1971, as amended Law Implemented Chapter 2021-249, Laws of Florida 71-822, Section 6(6), (8), (9) and (11), (12), and (27), and Section 8; and Sections 6(9), (12) and (27) as amended by Chapter 76-429. History - New 12-12-79. Formerly 31-10.12, Amended 3-15-2012.~~

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

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

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

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

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

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

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

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

~~For the period of 1 April 1, 2021 thru 31 March 31, 2022 \$0.4578 per 1,000 gallons.~~

For the period of ~~1~~ April 1, 2022 thru ~~31~~ March 31, 2023 \$0.4578 per 1,000 gallons.

For the period of ~~1~~ April 1, 2023 thru ~~31~~ March 31, 2024 \$0.4715 per 1,000 gallons.

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

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

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

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

~~For the period of 1 April 1, 2021 thru 31 March 31, 2022 \$0.6012 per 1,000 gallons.~~

For the period of 1 April 1, 2022 thru 31 March 31, 2023 \$0.6192 per 1,000 gallons.

For the period of 1 April 1, 2023 thru 31 March 31, 2024 \$0.6378 per 1,000 gallons.

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

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

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

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

~~For the period of 1 April 1, 2021 thru 31 March 31, 2022 \$0.7572 per 1,000 gallons.~~

For the period of 1 April 1, 2022 thru 31 March 31, 2023 \$0.7951 per 1,000 gallons.

For the period of 1 April 1, 2023 thru 31 March 31, 2024 \$0.8349 per 1,000 gallons.

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

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

For the period of April 1, 2026 thru March 31, 2027 \$0.9408 per 1,000 gallons.

The District may revise ~~such its~~ schedule of rates, fees, and charges in accordance with the Loxahatchee River Environmental Control District Act codified in Chapter 2021-249, Laws of Florida~~District's Enabling Act~~, all applicable District ~~R~~ules, and all relevant laws. It is the District's intention to evaluate the sufficiency of I.Q. Water rates during the annual Rate Study, which typically occurs in February and March with potential rate adjustments implemented April 1st. ~~I.Q. Users that have a written I.Q. Agreement prior to the effective date hereof and which have a lower or higher I.Q. Rate, said lower or higher I.Q. Rate and specified rate adjustments shall be in accordance with said I.Q. Agreement until the expiration or termination of said I.Q. Agreement.~~ The I.Q. Rate shall be billed monthly or such other billing cycle period as the District may determine.

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

(8) All persons, firms and corporations (hereinafter called "Applicant") desiring to reserve service availability in the regional I.Q. Water system of the District where said I.Q. Water is ~~A~~available or is proposed to be ~~A~~available, as determined by the District, prior to receiving

District approval, shall sign a Standard Irrigation Quality Water Agreement and pay the charges and fees specified therein.

Specific Authority Chapter ~~2101-249, 2002-358~~ Laws of Florida. Law Implemented Chapter ~~2002-358~~ 2021-249, Laws of Florida, Sections 6(6), ~~6(8), 6(9), 6(11), 6(12), and 6(27)~~, and Section 8; History-New 7-23-97, Amended 11-1-98, 3-16-06, 3-18-10, 3-21-2013, 3-19-2015, 3-21-2019, 2-20-2020, 3-17-22.

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

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

- (a) ~~Property~~ Owner is delinquent with installation of the low pressure pumping system for their wastewater service.
- (b) The District has been holding their Pump Unit since the completion of the sewer project.
- (c) The Pump Unit was included in their assessment and is their responsibility to install.
- (d) The District will no longer hold the Pump Unit for their pick up and installation.
- (e) If not picked up within thirty (30) days, the Pump Unit will be delivered at an additional Delivery Charge of \$300.00 to the ~~Property~~ Owner (the “Delivery Charge”).
- (f) The Pumping Unit will be delivered in good working order, suitable for District’s future maintenance.
- (g) If the ~~Property~~ Owner fails to have the Pump Unit installed within forty five (45) days and there is damage to the Pump Unit components, the ~~Property~~ Owner will be responsible for the cost to provide a Pump Unit in good working order for District maintenance in the future.

2. If the Pump Unit is not picked up within thirty (30) days after the First Delivery Notice, the Second Delivery Notice shall be sent to the ~~Property~~ Owner which shall provide:

- (a) Pump Delivery will be made on a date and time certain.
- (b) The Pump Unit and appurtenances will be delivered to the most accessible location on the Property or a mutually convenient location as discussed with ~~Property~~ Owner.

-
- (c) A written report will be made of each delivery with photographs of the Pump Unit placement at time of delivery and condition of surrounding area. The District will request written receipt from the Owner for delivery of the Pump Unit ~~will be requested of the Property Owner~~, however it is not mandatory for the Property Owner to provide or for the District to obtain.
- (d) The written report shall ~~is to~~ be signed by two District personnel, witnessed and notarized, and made part of the District's records.
3. After delivery, the ~~Property~~ Owner will be provided written notification that their Pump Unit has been delivered and an Invoice will be provided for the Delivery Charge.
4. All correspondence to be provided by c~~C~~ertified m~~M~~ail with r~~R~~eturn r~~R~~eceipt and regular mail.

Specific Authority Chapter 2021-249, ~~2002-358~~ Laws of Florida. Law Implemented Chapter 2021-249, Laws of Florida ~~2002-358~~, Sections 6(6), 6(8), 6(9), 6(10), and ~~6(11), 6(12), 6(19)~~, and Section 8. ~~History-New 3-15-2012. Amended 3-17-22.~~

LOXAHATCHEE RIVER DISTRICT

Neighborhood Sewering Schedule-Revised February 2020



Rank *	Area Description	# Lots	Activity	Original Target Date	Revised Target Start Date
16	181 st St N Gravity	12	Notified Owners – January 2013 Notice of Intent to Assess – October 2018 Award Construction Contract – January 2021 Preliminary Assessment – February 2022 Final Assessment – March 2022	2018	2021
11	Jupiter Farms (East)	708		TBD	TBD
11	PB Country Estates	1547		TBD	TBD

* 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
H	Olympus Dr, Juno (LP)	2	Notified Owners – June 2013 Prelim. Design started – August 2017 Notice of Intent to Assess – July 2020	2016	2021
	605+607 Military Trl (LP)	2	Notified Owners – June 2020 Notice of Intent – Jan 2021	2022	

Private Road Areas – Page 2

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	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
CC	Jamaica Dr	11	Private Road Owners notified Oct 2012 Statutory Way Provision (2) – June 2021	2014	AEO
CC	66 th Terr+Way	19	Notified Owners – Aug 2010 *Private Roads Notice of Intent to Assess – February 2015 Statutory Way Provision – March 2021	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	Rolling Hills	50	Notified Owners – Jan. 2013 - Private HOA Notice of Intent to Assess – October 2019 Award of Contract – December 2021	2017	2021
FF	North A1A	3	Postponed-Town activities in area No database	2012	AEO
GG	815 S US 1 (Yum Yum Tree)	9 ecs	Notified Owner – November 2014	2016	AEO
GG	Rockinghorse <i>(north of Roebuck Road)</i>	11	Notified Owners – January 2013	2018	AEO
GG	Castle Rd SE	5	Notified Owners – Jan 2013-private road	2018	AEO
GG	Jupiter Rd SE	4	Notified Owners – Jan 2013-private road	2018	AEO
HH	Harbor Rd. S. LPSS	6	Notified Owners – January 2014 Private Road	2017	AEO
HH	Indian Hills SE	12	Notified Owners – January 2016 Easement for Road & Utilities, No Dedication	2019	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	2019	2021
	109+111 Old Jupiter Beach Road (LP)	2	Notified Owners – September 2021	AEO	
	5331 Center Street	1	LRD procedures shared for connection to sewer services Notice of Intent – March 2022	N/A	2022
	18041 69 th Terrace	1	LRD procedures shared for connection to sewer services Statutory Way Provision – Jan 2022	N/A	2022

* 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

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

LEGAL ASSISTANTS
REAL ESTATE
JUDY D. MONTEIRO
DENISE B. PAOLUCCI
RECECCA TWOMEY

March 10, 2022

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. 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.

There are no analyses 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

Attachments

OTHER LITIGATION

IN THE CIRCUIT COURT OF THE FIFTEENTH JUDICIAL CIRCUIT, IN AND
FOR PALM BEACH COUNTY, FLORIDA
CASE NO. 50-2019 CA 014447 XXXX MB AB

FRED BEMAN, Plaintiff,
vs.

LOXAHATCHEE RIVER DISTRICT, Defendant.

December 6, 2017. Auto Accident involving District vehicle and vehicle driven by Fred Beman.

April 15, 2020. Summons & Complaint served upon the District.

April 20, 2020. Attorney Lyman Reynolds, appointed be District's Insurance Carrier to Defend the District under the District's Insurance Policy.

May 4, 2020. District's Motion to Dismiss filed.

July 8, 2020. District's attorney reports Motion to Dismiss not yet set for a hearing.

August 19, 2020. Agreed Order permitting transfer of the case to Martin County

Sept 16, 2020. Amended Complaint filed in Martin County

November 16, 2021 Notice of Lack of Prosecution filed in Palm Beach County.

Dec 2, 2021 Summons served on the District; Attorney Reynolds responded with Motion to Dismiss on December 17, 2021.

January 14, 2022. District's Responses to Plaintiff's Request for Production and Interrogatories was filed.

January 31, 2022. District's Motion to Dismiss denied. District's Answer due by February 20, 2022, being prepared by Attorney Reynolds.

February 20, 2022 District's Answer Filed.

Pre-Suit Notice of Claim under FS 768.28 (6)(a)
Dated August 3, 2020 from Attorney for Plaintiff

Donovan Mackey and Dee Mackey, Plaintiff
Vs.
LOXAHATCHEE RIVER DISTRICT, Defendant.

On or about October 2019 sewage back up into 141 Beacon Lane, Jupiter, FL 33469 (Jupiter Inlet Colony). Plaintiffs claim personal injury from the sewage back up.

August 3, 2020, District notified District's insurance carrier of the claim.

August 18, 2020, Insurance Adjuster for the District assigned the claim.

Plaintiff cannot file suit until claim is denied. 768.28 (6)(b).

Pre-Suit Notice of Claim under FS 768.28(6)(a)
Universal Property & Casualty Insurance Company a/s/o Betty
Cavanagh & Jules Formel, Plaintiff
Vs.
LOXAHATCHEE RIVER DISTRICT, Defendant.

On or about November 18, 2020 sewage back up into 18081 SE Country Club Drive, Apt 4-33, Tequesta, FL 33469. The Owners, Betty Cavanagh & Jules Formel made claim to their insurance company, University Property & Casualty Company.

On April 29, 2021, 2020, the Insurance Adjuster for University Property & Casualty Company notified the District's Insurance Company, PGCS Claims Services of the claim.

On July 13, 2021, University Property & Casualty Company, as subrogee of Betty Cavanagh & Jules Formel, notified the District in accordance with 768.28, the District has 6 months from receipt of the letter to investigate this claim and provide formal acceptance or denial. Plaintiffs claim property damage from the sewage back up in the amount of \$26,860.

Plaintiff cannot file suit until claim is denied. 768.28 (6)(b).

LIEN FORECLOSURES

NONE

MORTGAGE OR LIEN FORECLOSURES / LRD COUNTERCLAIMS/CROSSCLAIMS

NONE



***Loxahatchee River Environmental Control District
Monthly Status Report
March 4, 2022***

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

The following is a summary of work performed by Baxter and Woodman, Inc. (B&W), on District projects for the monthly period ending March 4, 2022.

Olympus Drive Force Main and Low Pressure Sewer Replacement

The following items were ongoing or completed during the last monthly period:

- Submittal of closeout documents nears completion.
- Review of final Pay Application in progress.

Alternate A1A 24-Inch Force Main Cleaning & Inspection

The following items were ongoing or completed during the last monthly period:

- District has made final payment. This project is completed and this will end reporting for this project.

Irrigation Quality 511 (IQ-511) Pump Station Piping Improvements

The following items were ongoing or completed during the last monthly period:

- Project Re-Mobilization date, due to nesting bald eagles, is June 1, 2022.

Lift Station Fall Protection Improvements

The following items were ongoing or completed during the last monthly period:

- The Contractor has received delivery of fall protection grates up to Group 9.
- Installation of Group 2 through Group 9 fall protection grates are 99% complete.
- Approximately 109 lift stations have been completed to date. Final Inspections of the work are being conducted as each lift station is completed.
- Contractor anticipates delivery of Group 10 by mid-March 2022.
- Contractor anticipates delivery of Group 11 first week of April 2022.
- Contractor has sped up installations as described last month and is now dependent on timely delivery of Group 10 & 11 grates.

Respectfully Submitted by:

BAXTER & WOODMAN, INC.

Rebecca Travis, P.E.

Executive Vice President / Florida Division Manager

March 7, 2022

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

Subject: Monthly Progress Report

Dear Mr. Dean:

The following activities were conducted in the month of February 2022 for the MLS Bypass Study:

1. Last portion of Task 4.2 - Completed assessment of major lift stations before and after bypass
2. Task 4.3 - Completed Right of Way analysis
3. Task 4.4 - Developed opinion of probable cost of the District bypass alternative
4. Task 5 - Completed the identification of other required system upgrades at upstream lift stations (not force mains)
5. Continued the development of project documentation.

Next month's activities will include:


1. Review of Opinion of Probable Cost with the District
2. Portion of Task 5 – Assessment of system force main capacity
3. Task 6 – Identification and prioritization of capital projects
4. Task 7 – Prepare and submit Draft Model Documentation and Bypass Study Results TM
5. Capturing/finalizing remaining GIS work by FTC

Project schedule continues to be managed. Completion of Draft TM is envisioned by the end of the month of March. A review meeting will be scheduled between the Carollo team and the District for review of the bypass cost estimate and general findings of the study.

Please let me know if you have any questions.

Sincerely,

CAROLLO ENGINEERS, INC.



Elizabeth Fujikawa, P.E., LEED AP
Vice President

**Loxahatchee River Environmental Control District
 CMA Project Status Update
 March 4, 2022**

CMA Project/Proposal #	Name	Status
PROPOSALS		
None		
PROJECTS		
494.001	BLM House Demolition and Reconstruction	<ul style="list-style-type: none"> • Conceptual Design Memorandum and building layout options approved by Board 10/21/21 • Coordination meeting held 11/12/21 • 90% design, specifications and cost estimate submitted • Comments received from LRD and BLM and revisions underway
494.002	2500 Jupiter Park Drive Conceptual Site Planning	<ul style="list-style-type: none"> • Conducted kick off meeting 11/12/21 • Environmental field work performed and report submitted, comments received from LRD • Staff interview sheets submitted to LRD and distributed by LRD to Board • Conceptual existing site base plan prepared • Review of adjacent stormwater permits performed



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

MEMORANDUM

To: Kris Dean, PE, Deputy Director/Director of Engineering, Loxahatchee River Environmental Control District
From: Christine Miranda, PE, Holtz Consulting Engineers, Inc.
Date: March 10, 2022
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 March 10, 2022. **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 meeting was held on February 11, 2022 was held with the property manager of the shopping to review and approve the staging and storing areas and the maintenance of traffic plan. HCE assisted and prepared an exhibit to be provided to the property manager for approval. The Contractor is no working on obtaining written approval on the staging and storing areas and maintenance of traffic.

Country Club Drive Force Main Transmission System Preliminary Evaluation

- A meeting was held on February 14, 2022 to review the project and outstanding information needed to complete the hydraulic model and evaluation of the Country Club Drive Force Main transmission system. HCE is currently working on finalizing the model. The final model and results discussed in a technical memorandum will be provided to the District by the end of April.

Lift Station Telemetry Improvements

- Final drawings and specifications were submitted to the District on February 18, 2022. The project has been advertised for bidding, with a prebid meeting scheduled for March 22, 2022 and bid opening on April 5, 2022. A meeting was held with the HCE design team and the District on March 9, 2022 to review a few changes that will be addressed via addendum.

Rolling Hills Gravity Sewer System, Lift Station, & Force Main

- An open house with the residents was held on February 24, 2022 from 4 to 7 pm at the District. The Contractor has provided several shop drawing submittals. HCE and our electrical subconsultant are currently reviewing all submittals received.



Injection Well Pump Manual Transfer Switch Addition

- The Standard Operating Procedure (SOP) for the transfer switch has been completed by the HCE design team. The HCE team has reviewed and returned submittals provided by the Contractor.

Operational Greenhouse Gas Emissions and Cost Assessment

- Following the January 27, 2022 progress meeting, additional information was provided to the District. The District also provided additional information and clarifications on different elements of items brought at the January 27, 2022 meeting. Hazen has made several changes to the tool and technical memorandum based upon the District's feedback. They will be providing a revised tool and technical memorandum to the District by March 11, 2022. Hazen will also present the findings at the March 2022 board meeting.

Master Lift Station No. 1 Traveling Bridge Crane Solicitation

- HCE has responded to RFI #1 submitted by the Contractor.

Vac-Con Truck Off-Loading Area Preliminary Design Analysis

- HCE is currently working on finalizing the technical memorandum and is waiting on a few final pieces of information from the vendors. The draft technical memorandum will be submitted to the District for review by the end of March.

Emergency Response ESRI Collection Tool & Synovia Vehicle Tracking Assistance

- A kickoff meeting for this upcoming season was held on February 11, 2022. HCE created field maps for the lift station map for the District.



**Loxahatchee River Environmental Control District
Master Plan 20-AC “Sierra Square” @ 9278 Indiantown Rd
LRECD PO# 21-0649 / KCI #482021095.01**

Progress Report

To: Mr. Kris Dean, P.E., Deputy Executive Director/Director of Engineering
From: Todd Mohler, RLA, KCI, Project Manager
Date: March 1, 2022

ACTIVITIES

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

Activities and Support:

1. **Survey:** Complete.
2. **Environmental:** Complete.
3. **Geotechnical:** Complete.
4. **Electrical Engineering:** Field work completed. Report to be provided at Storyboard meeting.
5. **Civil Engineering:** Coordination with LA group on revised site concept.
6. **Landscape Architecture:** Developing a revised site concept per Phase 1 comments/feedback in coordination with architect/civil. Storyboard meeting to be scheduled approximately March 24, 2022.
7. **Architecture:** Developing the ‘village’ concept in coordination with the LA group to be included in the revised site concept presented at the Storyboard meeting.



MOCK • ROOS

CONSULTING ENGINEERS

March 8, 2022

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. C0089.00
Subject: Loxahatchee River Subaqueous Forcemain Replacement
PO No. 22-0286

Dear Mr. Dean:

Below is our Monthly update for February 2022:

- The completion date remains 4/19/22.
- Coordination with utility companies is ongoing. Existing records have been received from every utility with the exception of Brightline. This information has been reviewed and is being incorporated into the proposed routes.
- Coordination with permitting agencies is being finalized.
- Our subconsultant, RADISE, has completed the field portion of the soil borings (SPTs) investigation. They are now scheduled to provide the draft report next week.
- Mock•Roos is finalizing conceptual alignments and a profile(s) for discussion with local HDD contractors.

Upcoming Activities:

- Continued coordination with agencies to discuss requirements, fees, timeframes, etc.
- Completion of the geotechnical engineering report.
- Finalizing of the 4 proposed routes based on information obtained above.
- Coordination with 2 local HDD contractors.

If you have any questions, please contact me at 683-3113, extension 293.

Sincerely,
MOCK, ROOS & ASSOCIATES, INC.

Garry G. Gruber, P.E.
Senior Vice President

GGG:cge
Copies: John Cairnes
Spencer Schroeder



Busch Wildlife Sanctuary

The 1st Quarter Report will be presented
at the April 2022 Board Meeting.

J:\Board\Notebook\BWS No Update





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 |



J:\Board\Notebook\Directors Report



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

To: Governing Board
From: Kara Fraraccio, Director of Finance and Administration
Date: March 11, 2022
Subject: Monthly Financial Report

Cash and Investments

Balances as of February 28, 2022

Certificates of Deposit:

Institution	Original Term	Maturity	Rate	Book Value	Monthly Interest Earned	Market Value
Bank United	6 Months	03/12/22	0.10%	\$ 1,573,022	\$ 121	\$ 1,573,874
US Century	12 Months	08/04/22	0.25%	2,500,000	480	2,503,564
US Century	12 Months	08/04/22	0.25%	2,500,000	480	2,503,564
Bank United	12 Months	11/12/22	0.13%	1,054,256	105	1,054,675
Bank United	9 Months	11/22/22	0.40%	1,001,500	66	1,001,058
Bank United	12 Months	02/22/23	0.60%	1,001,500	98	1,001,091
Bank United	12 Months	02/22/23	0.60%	1,001,500	98	1,001,091
Subtotal				\$ 10,631,778	\$ 1,448	\$ 10,638,917

Money Market Accounts:

Synovus - Public Demand	0.06%	\$ 339	\$ 7,373,083
TD Bank - NOW	0.10%	634	8,262,988
Subtotal		\$ 973	\$ 15,636,071

Checking Account:

SunTrust-Hybrid Business Account	0.02%	\$ 209	\$ 16,426,235
Subtotal		\$ 209	\$ 16,426,235

Brokerage Accounts:

		Gain/Loss	
Vanguard GNMA ADM	-2.13%	\$ 602,363	(12,572) \$ 589,791
Vanguard Short-Term Treasury	-1.85%	1,204,798	(21,845) 1,182,953
Vanguard Short-Term Inflation	-0.88%	203,675	(1,779) 201,896
Subtotal		\$ 2,010,836	\$ (36,196) \$ 1,974,640

Total		\$ (33,566)	\$ 44,675,863
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Average weighted rate of return on investments is: **-.01%**

As of 2/28/22:

3 month Short Term Bond: .35%

1 month Federal Fund Rate: .25%

District brokerage accounts have underperformed due to abnormal market conditions and uncertainties with the Federal Reserve. However, the District is optimistic that losses will be recovered and that we have an optimized portfolio based on risk and cash flow needs.

Cash position for February 2021 was \$39,492,533. Current Cash position is up by \$5,183,330.

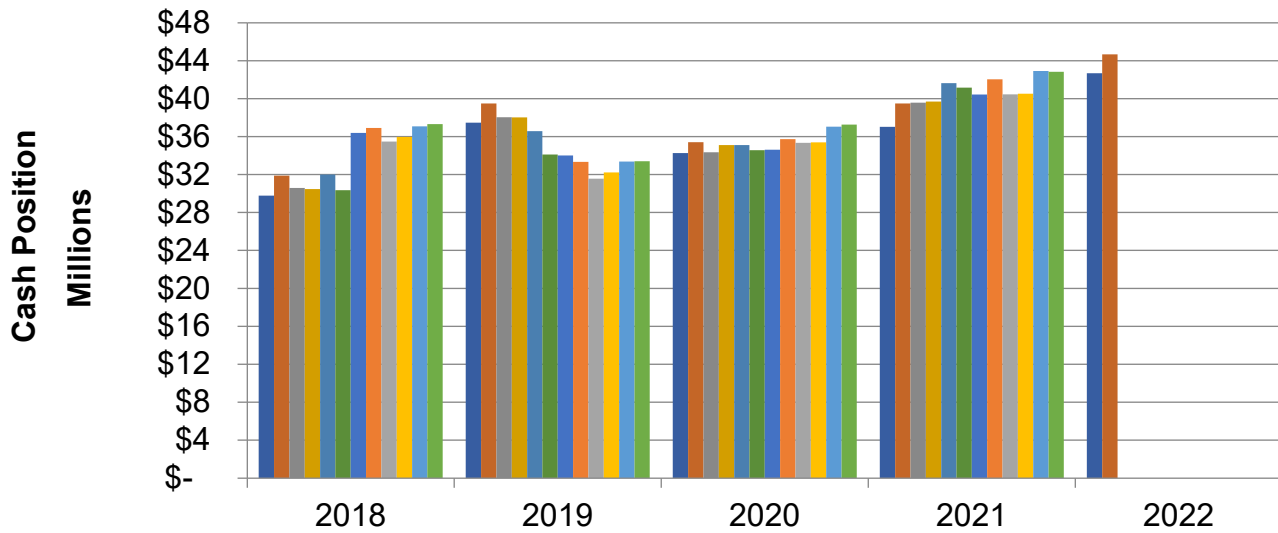
James D. Snyder
CHAIRMAN

Stephen B. Rockoff
BOARD MEMBER

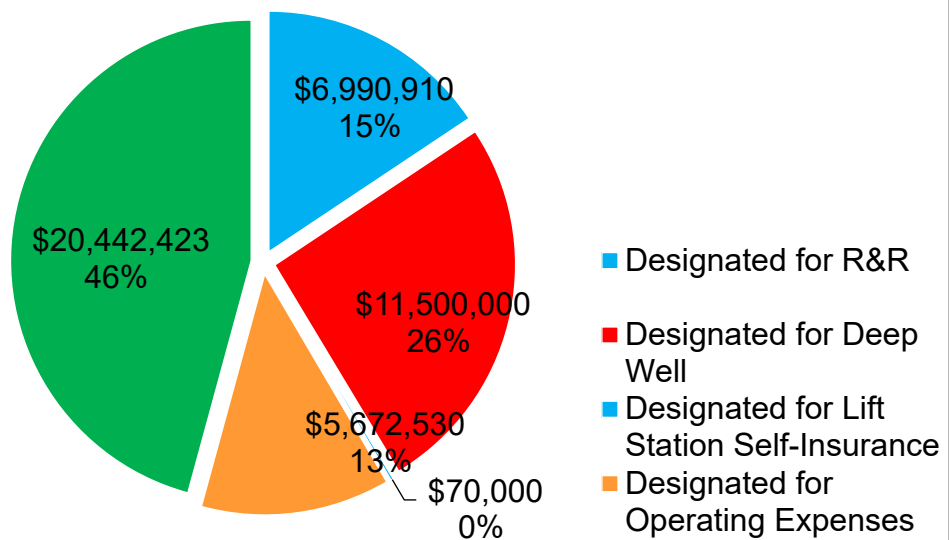
Dr. Matt H. Rostock
BOARD MEMBER

Gordon Boggie
BOARD MEMBER

Cash On-Hand



Designated vs. Available Cash Balance



Financial Information

- Legal Fees billed in February were \$4,400. The fiscal year-to-date total is \$29,170.
- There was no Septage billing for the month of February.
- Developer's Agreement – There were no new Developer Agreements in February.
- I.Q. Water Agreements –All I.Q. Water Agreements are current.
- Estoppel fees collected in February totaled \$7,175. The fiscal year-to-date total is \$33,850.

Summary of Budget vs. Actual

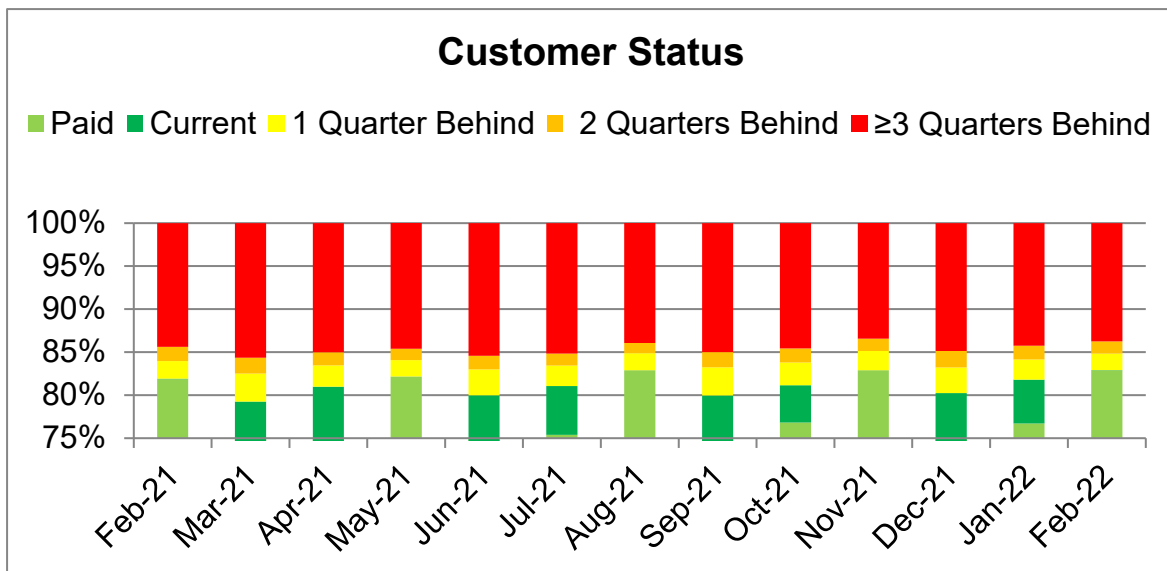
<i>Budget Benchmark</i> 42%	Feb-22 Actual	YTD Actual	FY 22 Budget	Favorable (Unfavorable)	Budget Expended	Feb-21 YTD
Revenues						
Operating Revenues						
Regional Sewer Service	\$ 1,417,979	\$ 7,061,695	\$17,100,000	\$ (10,038,305)	41.30%	\$6,966,914
Standby Sewer Service	9,572	48,993	73,000	(24,007)	67.11%	41,044
IQ Water Charges	191,145	953,192	2,326,000	(1,372,808)	40.98%	948,379
Admin. and Engineering Fees	726	18,581	38,000	(19,419)	48.90%	20,233
Other Revenue	44,530	171,828	424,490	(252,662)	40.48%	135,918
Subtotal Operating Revenues	1,663,952	8,254,289	19,961,490	(11,707,201)	41.35%	8,112,488
Capital Revenues						
Assessments	\$ 69,410	\$ 1,062,506	1,188,997	(126,491)	89.36%	1,142,358
Line Charges	3,455	88,394	287,000	(198,606)	30.80%	100,272
Plant Charges	24,617	295,520	898,000	(602,480)	32.91%	359,169
Capital Contributions		0	800,000	(800,000)	0.00%	
Subtotal Capital Revenues	97,482	1,446,420	3,173,997	(1,727,577)	45.57%	1,601,799
Other Revenues						
Grants						
Interest Income	21,190	537,206	613,000	(75,794)	87.64%	603,521
Subtotal Other Revenues	21,190	537,206	613,000	(75,794)	87.64%	603,521
Total Revenues	\$ 1,782,624	\$ 10,237,915	\$ 23,748,487	\$ (13,510,572)	43.11%	\$ 10,317,808
Expenses						
Salaries and Wages	\$ 425,553	\$ 2,429,315	\$6,522,000	\$ 4,092,685	37.25%	\$2,125,971
Payroll Taxes	31,224	172,839	470,200	297,361	36.76%	150,066
Retirement Contributions	57,371	345,538	946,800	601,262	36.50%	327,491
Employee Health Insurance	248,176	586,671	1,558,400	971,729	37.65%	516,407
Workers Compensation Insurance		28,502	73,700	45,198	38.67%	28,252
General Insurance	1,709	229,068	374,995	145,927	61.09%	217,263
Supplies and Expenses	71,907	425,334	1,036,285	610,951	41.04%	336,171
Utilities	126,838	588,507	1,407,908	819,401	41.80%	512,386
Chemicals	38,387	147,257	503,000	355,743	29.28%	123,222
Repairs and Maintenance	130,203	864,667	1,858,362	993,695	46.53%	706,082
Outside Services	113,193	813,705	2,040,930	1,227,225	39.87%	635,949
Contingency		0	225,000	225,000	0.00%	
Subtotal Operating Expenses	1,244,561	6,631,403	17,017,580	10,386,177	38.97%	5,679,260
Capital						
Capital Improvements	\$ 380,318	\$ 885,132	10,537,513	9,652,381	8.40%	1,054,823
Subtotal Capital	380,318	885,132	10,537,513	9,652,381	8.40%	1,054,823
Total Expenses	\$ 1,624,879	\$ 7,516,535	\$ 27,555,093	\$ 20,038,558	27.28%	\$ 6,734,083
Excess Revenues						
Over (Under) Expenses	\$ 157,745	\$ 2,721,380	\$ (3,806,606)	\$ 6,527,986		\$ 3,583,725

Total Capital expenses incurred and encumbered totalled \$7,807,199 or 74% of the capital budget. This includes funds encumbered in a prior fiscal year for projects that stretch across multiple fiscal years.

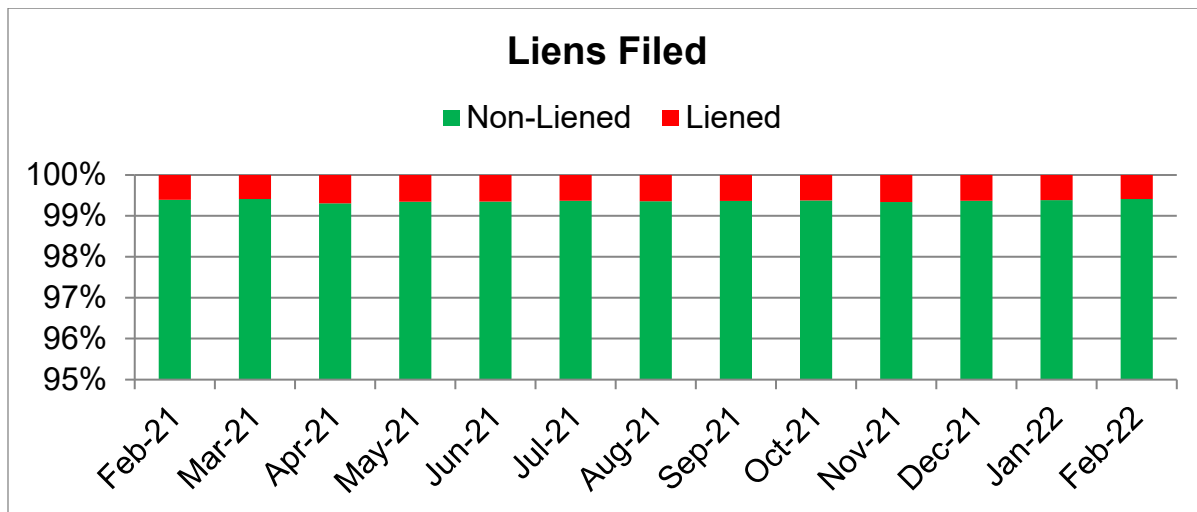
The District received the first Cigna Health Insurance bill, which included premiums for January and February. Health insurance premiums are now caught up.

Accounts Receivable

The chart below illustrates customers' receivable status as a percentage of quarterly sewer billing. Paid or current balances represent approximately 82% billing.



The District serves approximately 33,100 customers. Currently, the District has 198 liens filed which represent approximately 1% of our customers.



Pending/Threatened Litigation

- Vehicle Accident – The District received a legal summons related to a vehicle accident involving a District vehicle. This claim is currently being handled through the District's General Liability Insurance provider, PRIA. PRIA has assigned the firm of Roberts, Reynolds, Bedard & Tuzzio, PLLC to represent the District.
- Beacon Lane – The District received a formal notice that a negligence claim is being made on behalf of a resident on Beacon Lane from injuries sustained as a result of septic and sewage over-flow at the property. We notified the District's legal counsel, the project engineers, the contractor, and the District's General Liability Insurance provider, PRIA.

Retirement Plan Administrative Committee Update

On March 1, 2022, the Retirement Plan Administrative Committee met in the Governing Board room to discuss the Fourth Quarter Retirement Plan results. As of December 31, 2021, the Plan had 75 participants with participant assets totalling \$11,734,114. The majority of the Plan's balance continues to be in the Self-directed Brokerage accounts (70.2%); however, that percentage is expected to decline with new contributions coming in and going to the funds in the Core Line-up. For the fourth quarter in a row one fund in the Core Line-up is on the "Watch List:" American Funds Washington Mutual R6, due to long-term performance being below the index and median of the peer group for the 3 and 5-year periods. The Administrative Committee also reviewed the funds' performance in 2022, noting that the fund is outperforming both the S&P 500 and the Nasdaq. The Administrative Committee recognized that while this fund is flagged for review, we have deemed the fund to still meet the fundamental credentials of the investment line up. Empower Retirement also presented their 2021 Fee Disclosure. The annual fees related to the District's Plan are approximately \$26,112, which is about \$348 per participant.



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D., Executive Director
FROM: Kris Dean, P.E., Deputy Executive Director/Director of Engineering Services
DATE: March 8, 2022
SUBJECT: Capital Program and Engineering Services Report

Capital Projects

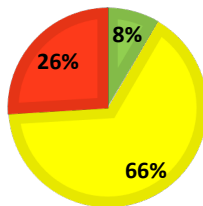
Schedule (FLOAT = -54 Days)

The overall Capital Program schedule slipped through February. Olympus Dr and Cleaning & TV Inspection projects are anticipated to close in March maintaining a yellow capital program schedule in April followed with award of Clarifier # 3 Rebid and the Lift Station Telemetry projects in April where they will reset on the schedule for contracting and construction periods moving the capital program schedule back to green.

Budget

FY CAPITAL BUDGET COMMITMENTS

■ SPENT
■ ENCUMBERED BALANCE
■ UN-ENCUMBERED



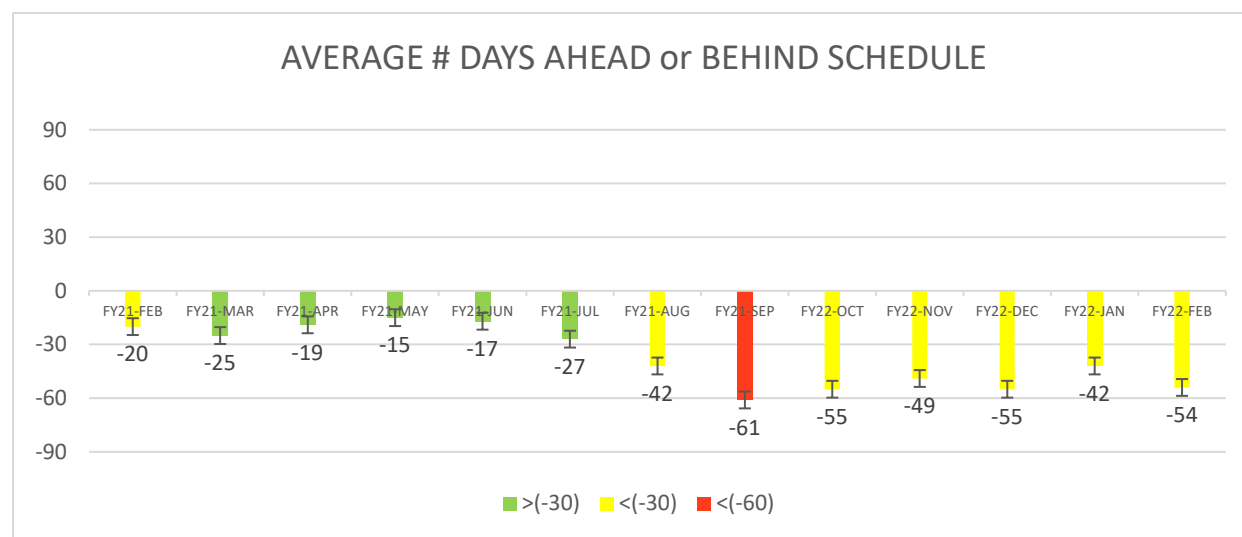
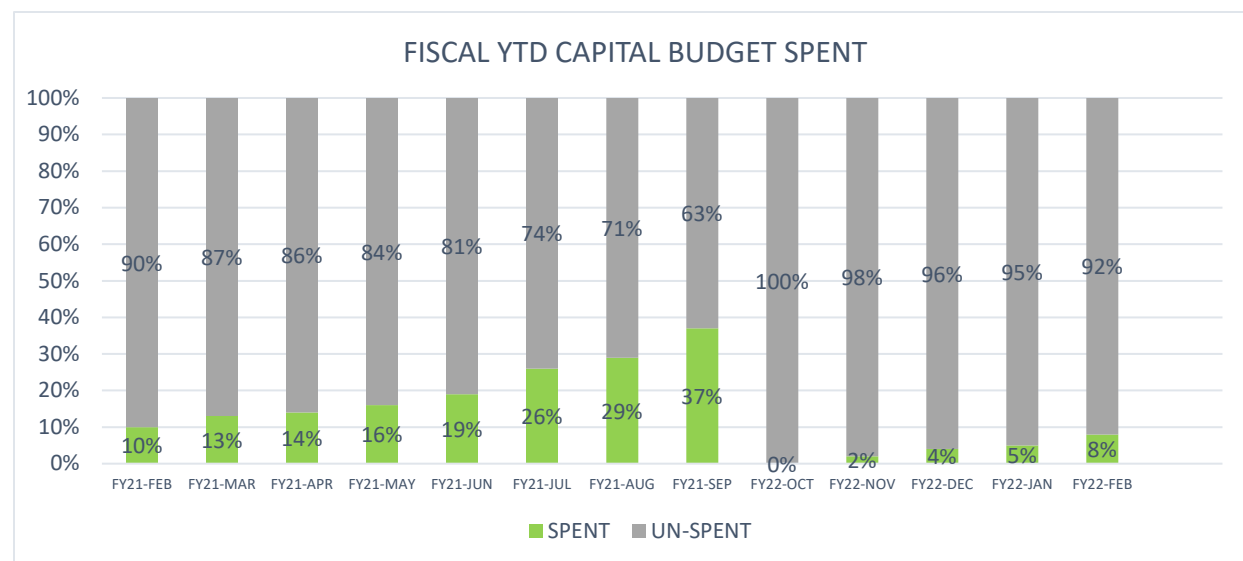
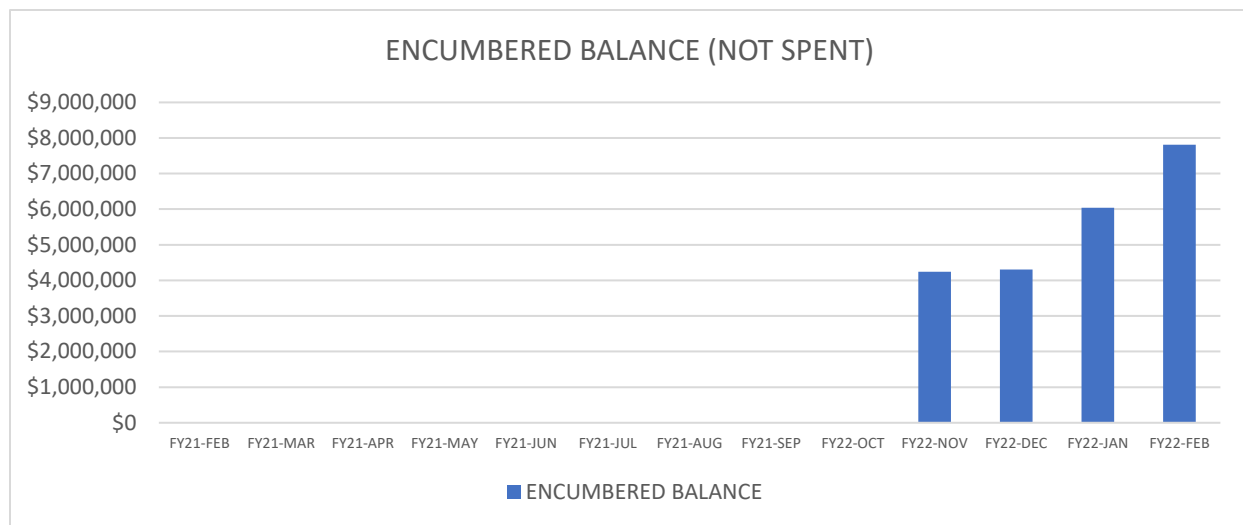
Staff continue working to bring scheduled projects online with the anticipation that the rate of spending will increase significantly as the encumbered balance increases. However, it should be noted that potential impacts from current supply chain issues are impacting lead times on materials for current and proposed projects. These impacts will have a direct impact on spending. As we progress through the second quarter of FY22 we should better understand these impacts.

James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER



In-house Projects

Gravity System Rehabilitation – Cleaning, TV Inspection and Lining

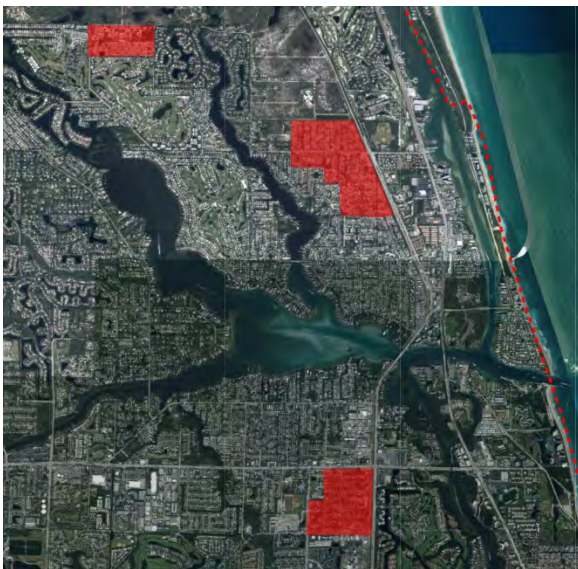
Last month the Board awarded the main lining contract for FY22. Staff are coordinating final reporting from the Cleaning and TV Inspection project, when complete they will issue the Notice to Proceed on the main lining contract. Staff anticipate the Notice to Proceed this March with the contractor mobilizing in April.

Lift Station Rehabilitations General Construction Services: Site visits and design have commenced based on the prioritized inspection reports. Engineering is working on design and project set up in EAM to ensure the work moves into construction.

Work has commenced at LS059. LS112, LS266 and LS089 are in scheduling. LS064 and LS233 are in design. The new work flow continues to work well with defined coordination between Collections, Inspections, Engineering and Construction.

Neighborhood Sewering/Remnant Properties: Recent activity with Statutory Way of Necessity has postponed staff focusing on the remaining remnant properties. Staff anticipate moving forward with remnant properties this spring then coordinating with IT and customer service to re-evaluate our system to confirm remnant areas on public right of way or with easement access have all been served.

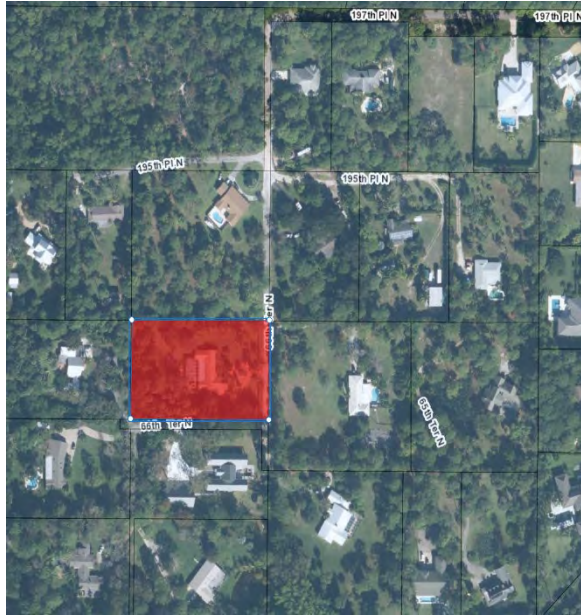
Board members will also note 5331 Center Street Notice of Intent to Assess, Tab 5B. The property coordinated standard District easement agreements with surrounding properties and requested the District move forward with sewerage. Staff anticipated design, permit and construction through the spring of this year.



Fiscal Year 2021 Main and Lateral Lining Projects:

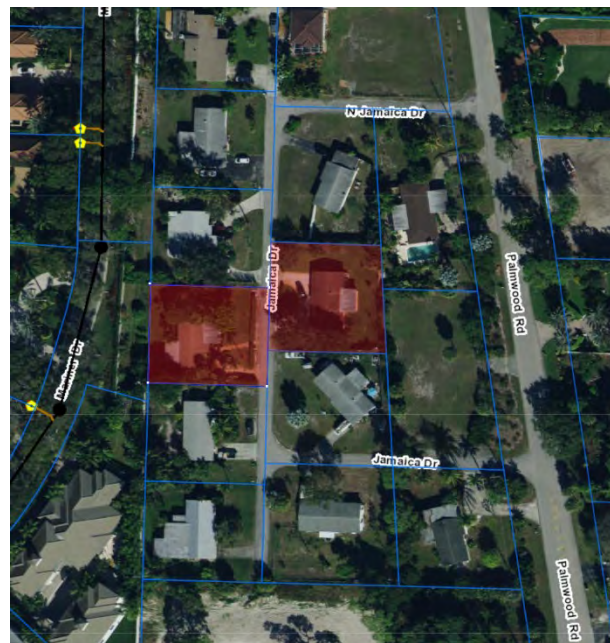
The contractor is complete with TV Inspections for LS018, LS041, LS050 and LS054. Staff are coordinating with the contractor for final inspection reports and EAM updates. Staff in the field have worked through the LS054 system verifying service lateral locations and required point repairs and will be moving into LS018, LS041 and LS050 when complete. Last month the Board awarded the FY22 main lining contract and staff anticipate the Notice to Proceed being issued in April.

Statutory Way of Necessity:



66th Terrace Low Pressure Sewer: After engagement with the properties on 66th Terrace, 195th and 65th Terrace with permitted plans, construction costs and connection fees, only one of the five made application with the District and paid connection fees. Staff have completed construction and issued Notice to Connect. Board members will also see 66th Terrace Phase 1 Subregional Line Charge, Tab 6E allowing proportional costs for the installation to be distributed among affected properties should they request connection in the future.

Jamaica Drive Low Pressure Sewer: Over the last two years staff has been coordinating with two property owners for utility easements to install sewers to their properties on Jamaica Drive without success. At this time both property owners have determined Statutory Way of Necessity is the preferred option and entered into letter agreements for staff to proceed on their behalf. With 66th Terrace completing staff will be moving forward on Jamaica Drive.



INSPECTIONS



Symphony at Jupiter (FKA Kuschel Property) began construction of the approved sanitary sewer system to serve the development in January 2022. Sanitary sewer construction is nearing completion this month and testing should be scheduled when roadway construction is complete. The new gravity system was connected to an existing stub provided from Jupiter Landings and discharges to Lift Station 160. The sanitary sewer system will serve 20 homes off Roebuck Rd.

An existing force main stub was in conflict with the stormwater improvements for Symphony at Jupiter on Roebuck Rd. The stub was removed and plugged at the isolation valve.

Daily construction inspection reports are being logged in EAM under the engineering inspections work flow and all performance testing requirements have been determined and task plans created in EAM for use when construction is complete. Building this foundation for future work load is a critical step as we streamline our work flow and focus on the most effective use of staff and resources.

All Booked Labor Edit											
Activity	Date Worked	Employee	Name	Trade	Type of Hours	Hours Worked	Start Time	End Time	Task Plan	Current Crew	Crew
30	08/20/2021	JMARTINS	JONATHAN MARTINS	*	N	0.25			ENG-DAYINSP		
50	01/25/2022	JMARTINS	JONATHAN MARTINS	*	N	1			ENG-DAYINSP		
60	01/26/2022	LGIACOVELLI	LENNY GIACOVELLI	*	N	3			ENG-DAYINSP		
70	01/27/2022	LGIACOVELLI	LENNY GIACOVELLI	*	N	3			ENG-DAYINSP		
80	02/08/2022	LGIACOVELLI	LENNY GIACOVELLI	*	N	2			ENG-DAYINSP		
80	01/28/2022	LGIACOVELLI	LENNY GIACOVELLI	*	N	1			ENG-DAYINSP		
90	02/04/2022	LGIACOVELLI	LENNY GIACOVELLI	*	N	1			ENG-DAYINSP		

Work Order	WO Status	Assigned To	Description	Equipment	Equipment Description
1682241	04 - Ready to Schedule	LGIACOVELLI	EXFILTRATION TEST	D20013	Kuschel Property
1682237	04 - Ready to Schedule	KDEAN	TRACKING	D20013	Kuschel Property
1682239	04 - Ready to Schedule	LGIACOVELLI	DAILY CONSTRUCTION INSPECTION REPORT	D20013	Kuschel Property
1682274	04 - Ready to Schedule	LGIACOVELLI	5% MANDRIL TESTING	D20013	Kuschel Property
1682280	04 - Ready to Schedule	LGIACOVELLI	SERVICE LATERAL TV INSPECTION	D20013	Kuschel Property

CONSTRUCTION

Lift Station 059 rehabilitation was completed this month. Lift Station 059 is located in Jupiter Hills north of Tequesta in Martin County. The rehabilitation required coordination with the HOA for Jupiter Hills for storage of materials and temporary bypass pumping which was placed on Jupiter Hills common area property. This station required a redesign of the common area landscaping because the valves for the lift station were brought above ground. The HOA for Jupiter Hills had some concerns about the replacement landscaping covering the valves and requested additional plantings to shield the valves from view.



The job started with the contractor removing the landscaping and exposing all the underground piping and valves. The contractor then worked with the Collections Department on the installation of the temporary emergency tap and the flow through plug to facilitate station bypass. The bypass pump was controlled with wireless pump floats installed in the first manhole upstream of the wet well and back up alarm floats were placed in the second manhole upstream of the wet well. This allowed the manhole lids to be closed for the entire time the system was on bypass allowing for safer conditions at the job site. The District was able to monitor the bypass with telemetry while the project was ongoing.

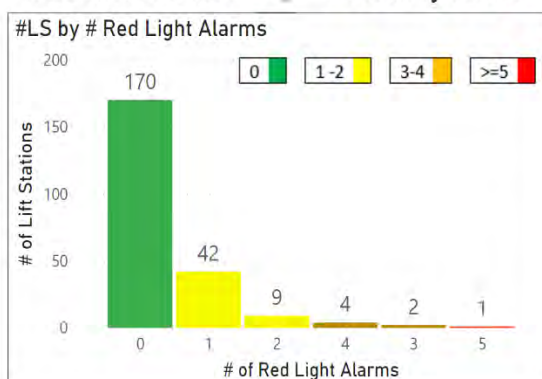


COLLECTIONS AND REUSE DASHBOARD

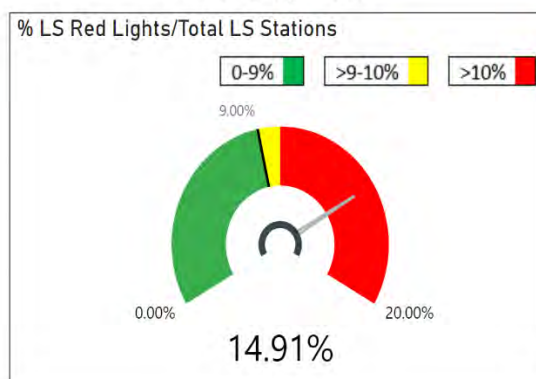
Lift Station Red Lights: The system experienced 34 total red lights. 27 lift station red lights (with 5 stations experiencing multiple red light events) and 7 low pressure red lights (with 0 stations experiencing multiple red light events).

Emergency Call Work Orders Dashboard

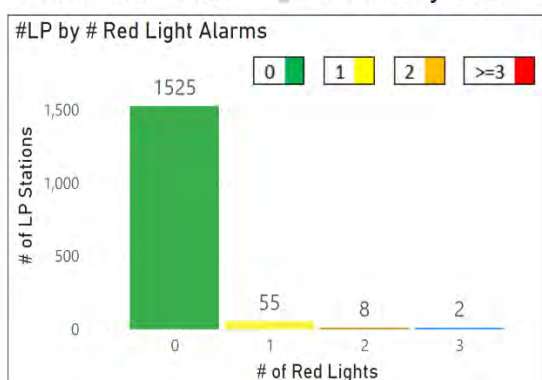
December 2021 - February 2022



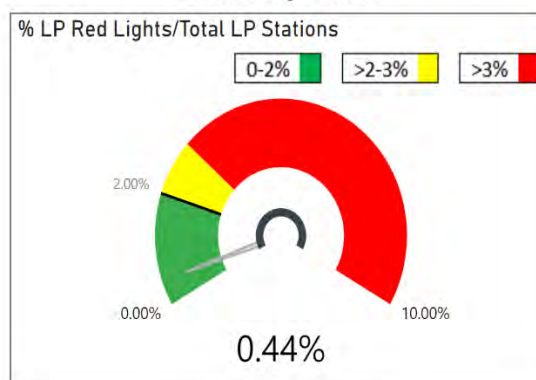
February 2022



December 2021 - February 2022



February 2022



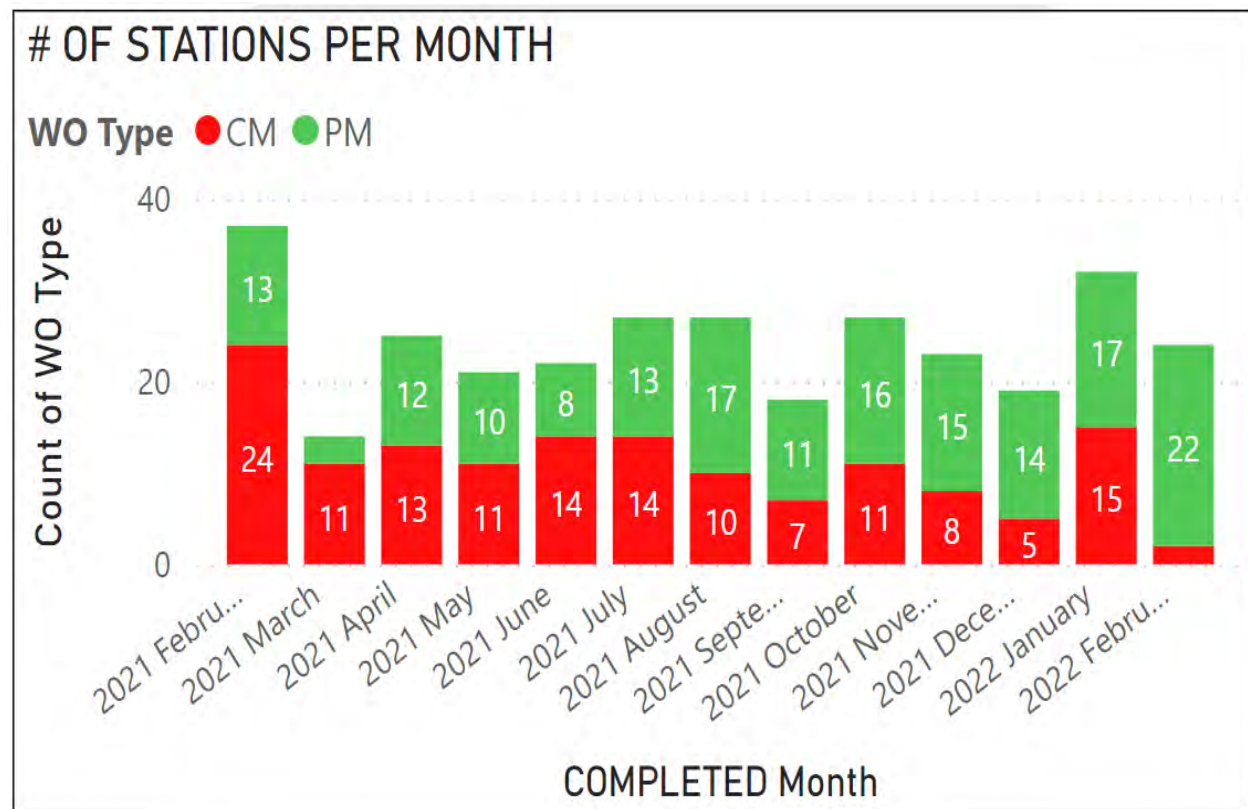
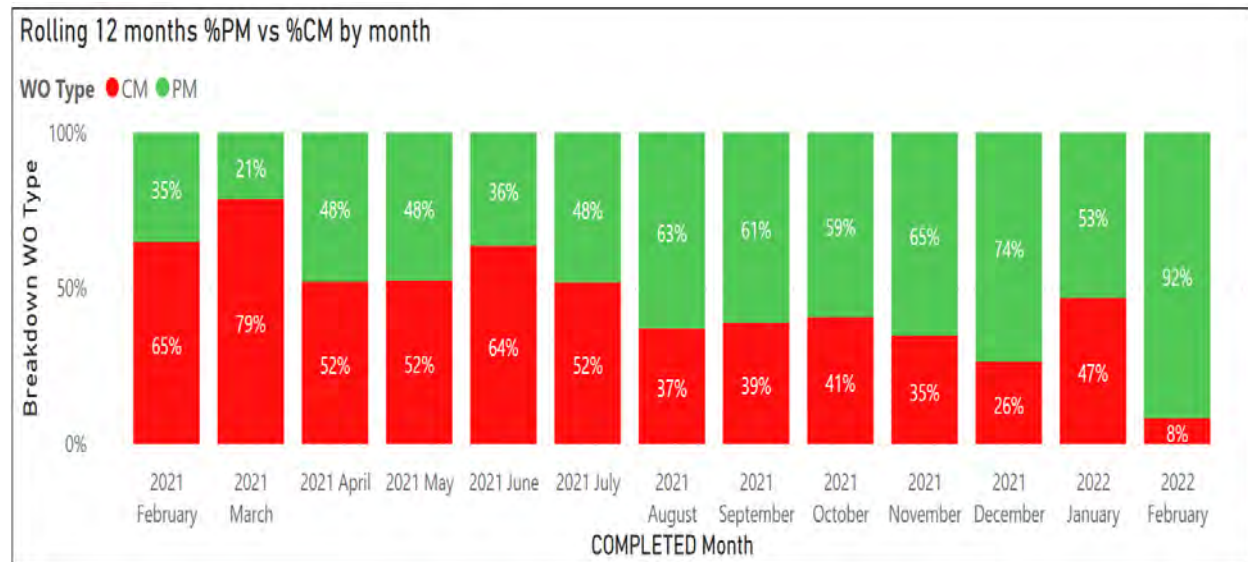
Air Release Valves: The ARV evaluation process has resulted in 34 ARVs inspected year to date (March 8, 2022). Of all inspected ARV's from beginning of reporting, January 2020, 82 are out of service.

MONTHLY ARV INSPECTIONS

Visits													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
2020	25	35	63	39	23	33	14	24	56	17	15	13	285
2021	11	33	58	88	34	33	11	23	41	19	24	21	291
2022	5	20	9										34

Out of Service
82

Wet Well Cleaning: Unscheduled wetwell cleanings dropped significantly to 2 after last month's increase due to the holidays.



UNAUTHORIZED DISCHARGES (fka SANITARY SEWER OVERFLOWS)

There were 3 unauthorized discharges in the collection-transmission-distribution system this month.

On February 14, 2022, the Loxahatchee River District (LRD) had an unauthorized discharge of 50 gallons of sewage out of a gravity system manhole (LS242-MH089) located on Meads Bay Lane in Jupiter, FL. The unauthorized discharge was caused by a blocked gravity main. The unauthorized discharge stopped prior to personnel arriving on site. The gravity line and manholes were inspected to ensure no further issues. All liquid was contained on the roadway. An LRD vacuum truck used 400 gallons of potable water to pressure wash area. All liquid was reclaimed back into the collection system. The affected area was disinfected with lime. No known storm drains or bodies of water were affected.

On February 15, 2022, the Loxahatchee River District (LRD) had an unauthorized discharge of 10 gallons of sewage from a private residence low pressure system (LP0027) located on North Riverside Drive in Tequesta, FL. The unauthorized discharge was caused by cracked pvc piping between the wet well and service box. The unauthorized discharge was stopped when the system was shut down for repair. The unauthorized discharge was absorbed into the soil. The affected area was disinfected with lime. No known storm drains or bodies of water were affected.

On February 22, 2022, the Loxahatchee River District (LRD) had an unauthorized discharge of 165 gallons of sewage from a force main (LS029-FM2) located on Barrow Island Road (Jonathan's Landing) in Jupiter, FL. The unauthorized discharge was caused when a contractor performing a directional drill damaged the 6-inch PVC force main. The unauthorized discharge was stopped when LRD personnel shut down the system to make the repair. Most of the unauthorized discharge was absorbed into soil. Fifteen (15) gallons of the unauthorized discharge flowed eastward for 60 feet along Barrow Island Road and then followed a concrete stormwater berm for 300 feet on Traders Crossing south to a storm water drain. None of the liquid flowed out of storm drain into surface waters. Liquid in storm drain along with 100 gallons of potable water used for pressure washing the affected concrete area was collected in a vacuum truck and reclaimed back into the collection system. Approximately 48 cu ft of soil was excavated to make the repair. The affected area was disinfected with lime.



LOXAHATCHEE RIVER DISTRICT

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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

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

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

DATE: March 10, 2022

SUBJECT: February 2022 Operations Department Monthly Report

Treatment Plant Division/Maintenance Department

Overall, the month of February was productive with all monthly reports prepared and submitted on time. There were no permit exceedances this month. The treatment plant operated efficiently and met all treatment objectives. Plant flows during the month of February were generally within the same order of magnitude as the flows recorded during the month of January. The Average Daily Flow (ADF) during February was 7.25 million gallons per day (MGD) vs. 7.29 MGD in January. The Maximum Daily Flow (MDF) during February was 7.67 MGD vs. 7.79 MGD in January. The Peak Hour Flow (PHF) during February was 6,688 gallons per minute (gpm) vs. 6,646 gpm in January. The total rainfall during the month of February was 2.01 inches which is less than the total rainfall during the month of January when we received a total rainfall of 3.05 inches.

The plant did not experience any unauthorized discharges during the month of February.

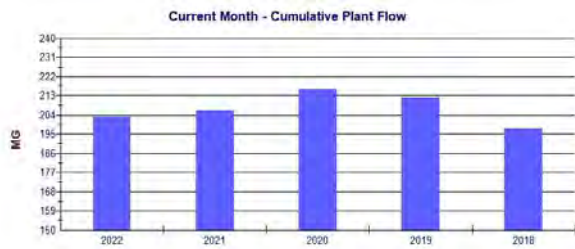
James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

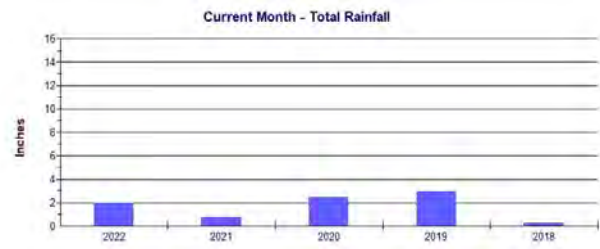
Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

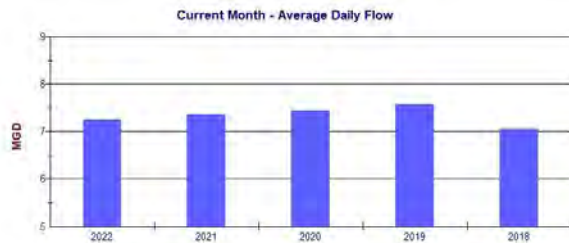
GRAPHICAL SUMMARIES OF PLANT FLOWS AND RAINFALL DATA



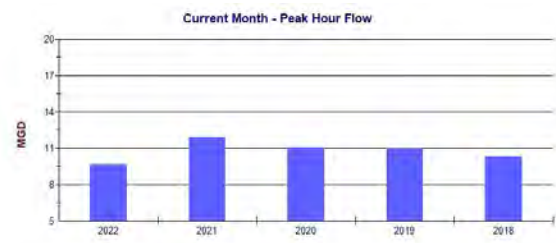
The Cumulative Influent Flow to the plant for the month of February was 203.07 million gallons.



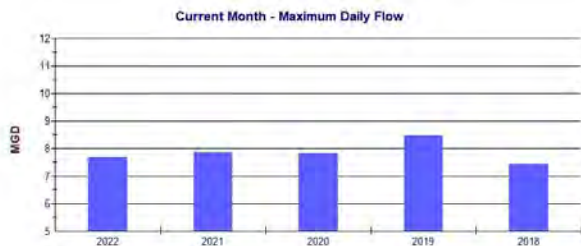
2.01 inches of total rainfall was recorded at the plant site during the month of February.



The Average Daily Flow (ADF) for the month of February was recorded at 7.25 MGD compared to 7.36 MGD one year ago, for the same month.

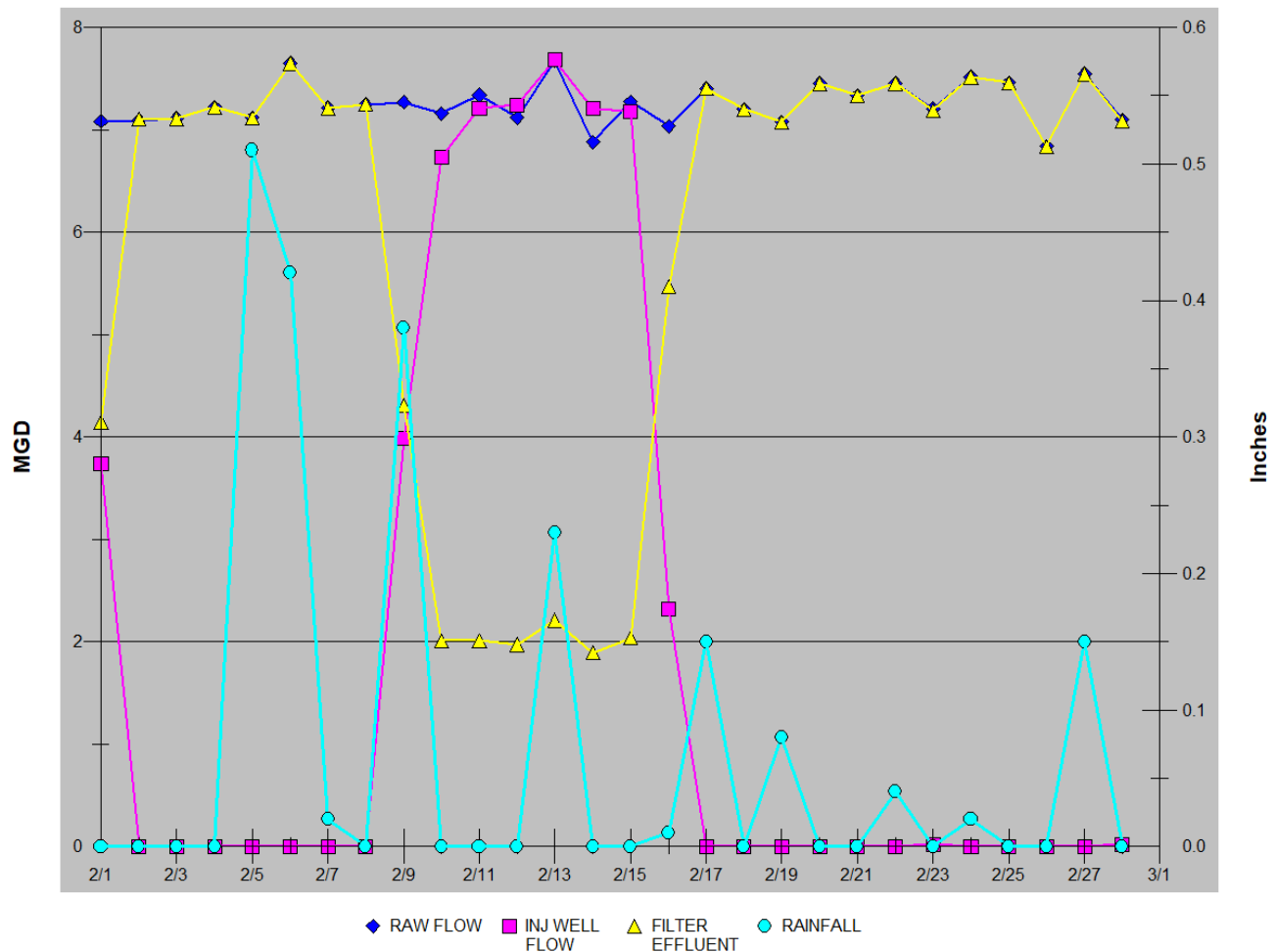


The Peak Hour Flow (PHF) for February was 6,688 GPM which equates to an equivalent daily rate of 9.63 MGD.



The Maximum Daily Flow (MDF) in February was 7.67MGD.

For the month of February, the cumulative influent flow to the plant was 203.07 MG of which 164.27 MG 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 2.01 inches of rainfall was recorded at the site during the month and a total of 53.34 MG of blended effluent was diverted to the Deep Injection Well. Overall, 80.89% of the plant influent flows were treated and available for reuse as IQ water. The plant delivered a total of approximately 161.60 million gallons of IQ water to the reuse customers during the month of February.

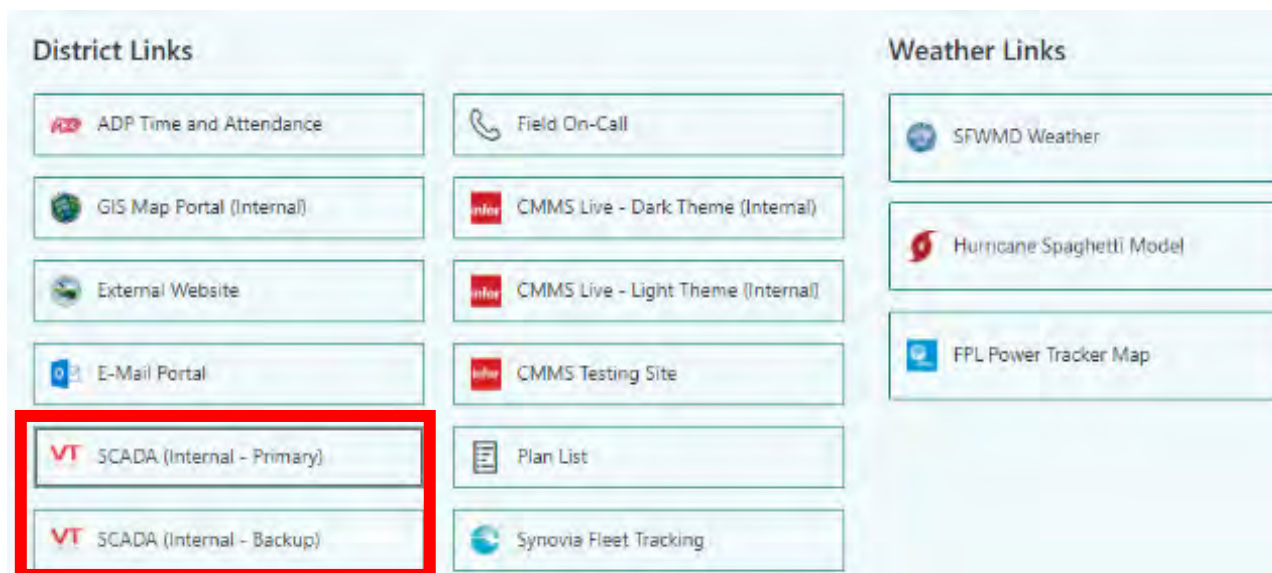


Year to date (i.e., Calendar Year 2022), approximately 69.35% of all influent flow to the plant was treated and available for reuse as IQ water. The total volume of IQ water distributed to reuse customers for the year stands at 299.24 million gallons.

All monthly reporting was submitted on time.

Treatment Plant:

Operations Staff continued to work diligently to perform routine monitoring, sampling and general maintenance of equipment and structures. Staff also completed special projects during the month including the completion of planned upgrades and improvements to the plant PLC system to upgrade the system to the latest firmware. This critical update will allow Staff to make program changes without having to temporarily operate the entire wastewater treatment plant in the “HAND” (i.e. manual) mode. Upon completion of the firmware upgrades, Staff also worked with a qualified SCADA system integration contractor to test the functionality of the upgraded redundant control system. As part of the test, the main PLC system was powered down to simulate a complete “system loss”. Upon powering the system down, the redundant PLC system immediately took control of the plant system without interruption. It is Staff’s intention to implement a Planned Maintenance (PM) Work Order to test the redundant system on an annual basis. The improvements implemented as part of this special project provided significant improvements to the resiliency of the treatment plant operations.



Primary and Backup PLC/SCADA Control System Access Links

Operations also worked with manufacturer representatives from the Hach Company (Hach) to calibrate the plant operations laboratory equipment, as well as the plant treated effluent continuous chlorine analyzers. All equipment was updated to the latest firmware software to ensure that each item was operating optimally. In addition, the Hach representative completed the annual performance verification check to confirm all systems were providing accurate results. All equipment was found to be in good working order and within required tolerances. The regular maintenance of plant process and testing equipment ensures that these systems are properly operating and that the plant is consistently meeting all treatment and regulatory requirements and standards.



Certificate of Instrument Performance

Company Name: **LOXAHATCHEE RIVER**
 Account Number: 039289
 Contract Number: WO-01234246
 Certification Number: WO-01234246

Part Number: 5440000.00 CL17 FINAL ASSEMBLY W/KITS	
Serial Number: 100300351106	
Asset Tag:	
RECEIVED CONDITION: <i>(One must be Checked)</i>	<input checked="" type="checkbox"/> Pre-Servicing Check Out Tests, NOT performed
	<input type="checkbox"/> Within Tolerance
	<input type="checkbox"/> Within Tolerance but Limited <i>(*see servicing notes)</i>
	<input type="checkbox"/> Out of Tolerance <i>(*see servicing notes)</i>
RETURNED CONDITION: <i>(One must be Checked)</i>	<input checked="" type="checkbox"/> Within Tolerance
	<input type="checkbox"/> Within Tolerance but Limited <i>(*see servicing notes)</i>
	<input type="checkbox"/> Out of Tolerance <i>(*see servicing notes)</i>
Chemical Standards Used, (ID#): Hach Total chlorine indicator Cat# 2263411, Lot# A1021, Exp: Jan 2026 Hach Total chlorine Buffer Cat# 2263511, Lot# A1015, Exp: Jan 2026 Hach DPD Total CL PP 25 mL, Cat# 1406499, Lot# A1326, Exp: Nov 2026	
Test Equipment Used, (ID#): ExTech Hydrometer Temperature/Humidity Pen TH397 Due OCT/19/2022 DR 900 serial number 150290001009, lottech # 4263 exp 02/17/2022	
Environmental Conditions Temperature: 25 °C Humidity: 43 %	

Hach Company does hereby certify that the above listed equipment meets or exceeds all Manufacturer's Service Specifications (unless limited conditions apply). Test equipment and chemicals used for performance verification are calibrated using standards traceable to the National Institute of Standards and Technology (NIST). Where such standards do not exist, the basis for calibration is documented. The proper operation of the above instrument was established at the time of certificate issuance. To insure continued performance, user must adhere to all requirements listed in the instrument manual.

Certified by: Rajendra Seenarine

Certification Date: 2/16/2022

Signature:

Title: Authorized Service Representative



Instrument Calibration Certificate and Laboratory Turbidimeter

During the month of February, Operations Staff worked with the District's Safety Compliance Officer to create emergency personal protective equipment (PPE) kits which were then placed at strategic locations throughout the plant site including: Headworks, Electrical Room No. 3 and the Blower Building. The kits are intended to be used during emergency only and will ensure that Staff have quick access to critical PPE required to respond to specific events. The kits include but are not limited to: a first aid kit, hard hat, hearing protection, nitrile gloves and face masks.



Emergency Personal Protective Equipment Kit

Lastly, the Operations Team would like to congratulate for WWTP Trainee John Garrity. John completed the correspondence course and passed the examination to achieve licensure as a WWTP "C" Operator. John achieved this milestone one month ahead of schedule. It is always exciting to see Staff progress both personally and professionally.

Maintenance Department:

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

The Maintenance Department consistently looks for opportunities to improve the aesthetics of District assets at the WWTP site. Maintenance Team members recently cleaned, prepared the surfaces and repainted the above grade piping at the Town of Jupiter concentrate point of connection piping which is visible from Central Boulevard. The periodic inspection and painting of the above grade piping system will ensure that the piping remains in good condition and serviceable for many years.



TOJ Point of Connection – Pre-Painting



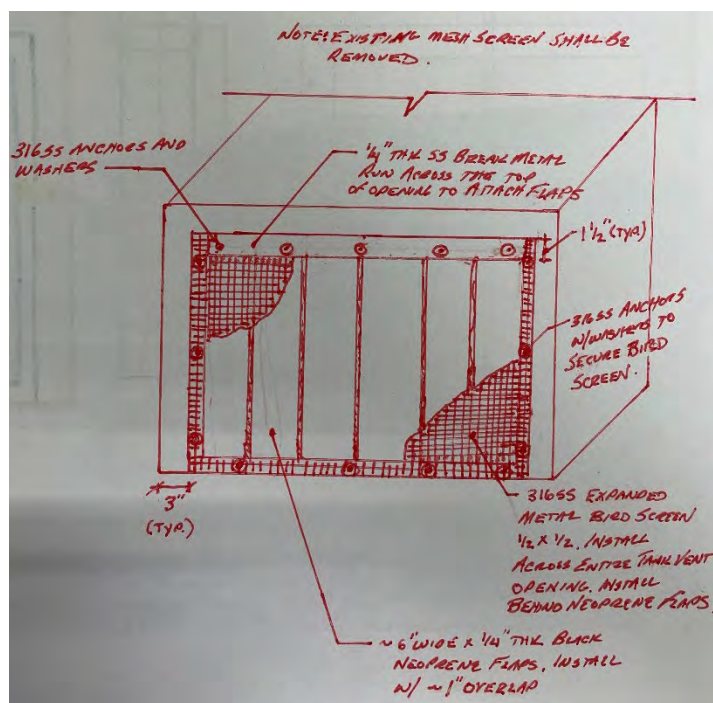
TOJ Point of Connection Piping – Post-Painting

Initiative is a trait which is extremely desirable for all employees. During the month of February Plant Mechanic I, Brian Davis, identified the headworks odor control system concrete slab as an area which needed some attention. Brian took it upon himself to clean and pressure wash the slab. To complete the work quickly and efficiently, Brian used the trailer mounted pressure washing system assembled by the Maintenance Department. The visual result of the cleaning speaks for itself.

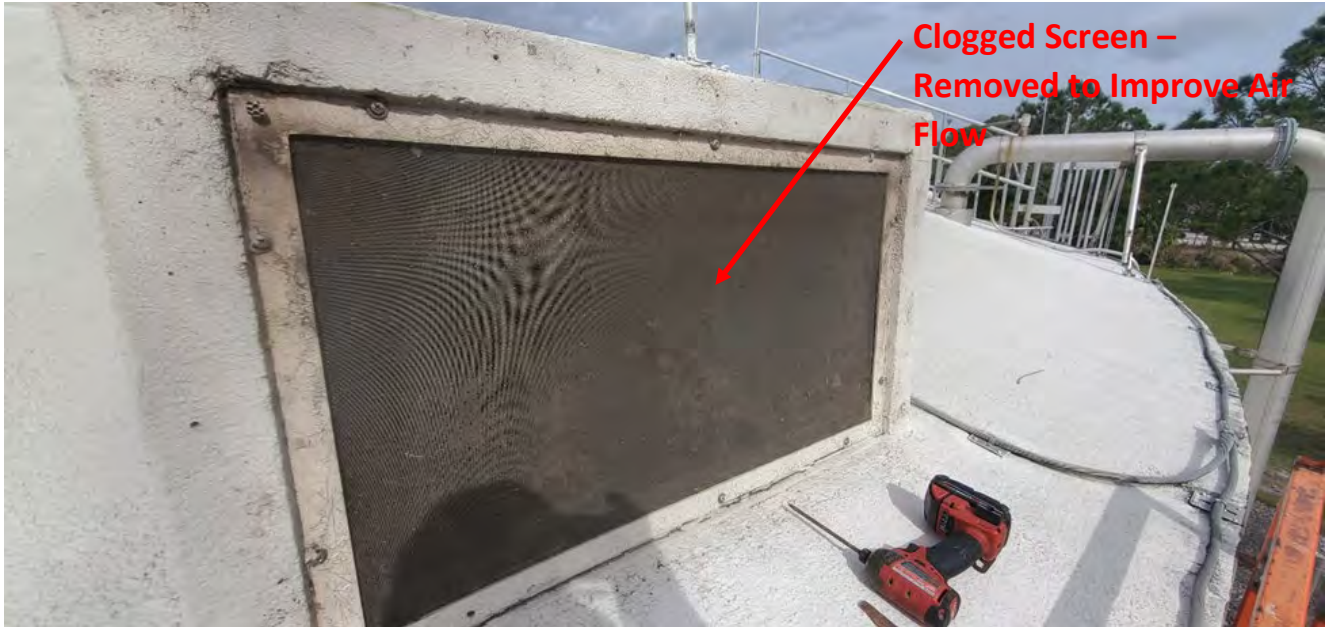


Headworks Odor Control System Slab – Pre and Post Cleaning

Lastly, District Staff are continuously looking for opportunities to improve the performance of its system processes. This month the Maintenance Team worked with Operations staff and the manufacturer of the pre-stressed concrete sludge storage tank (Crom Corporation) to make specific improvements to the four (4) tank vents on the sludge storage tank. All four (4) vents were previously equipped with passive louvers which allowed fresh air into the tank as a source air for the odor control system dedicated to the tank. After reviewing the available free area of the four (4) louvers it was determined that an adequate volume of source air could be provided with just two (2) “open” louvers. This was significant because reducing the number of fresh air intakes on the sludge storage tank improves the likelihood that foul odor from within the tank would be captured. This is because the use of two (2) fresh air intake louvers results in a slightly higher negative internal tank pressure, thereby reducing the chances of foul odor escaping the tank. The two (2) louvers modified were equipped with a series of overlapping neoprene flaps which are pulled firmly against a stainless-steel bird screen during normal operation. In the unlikely event of a tank overflow, the use of flaps still allows the vents to function as tank overflows, in conjunction with the other two (2) unmodified vents, to prevent failure of the tank dome due to excessive pressure build-up (i.e. hydrostatic pressure).



Sludge Storage Tank Vent Modifications – Picture No's 1 and 2



Sludge Storage Tank Vent Modifications – Picture No. 3



Sludge Storage Tank Vent Modifications – Picture No. 4



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: March 10, 2022
SUBJECT: Information Services Monthly Governing Board Update for February 2022

WildPine Ecological Laboratory

Riverkeeper Project

In February, the lab staff and our partners collected water quality samples from 26 monitoring stations throughout the watershed. In addition, a total of 75 bacteria samples were tested for fecal indicator bacteria in support of additional testing for the weekly bacteria monitoring program, and the monthly testing in Jones and Sims Creeks.

The overall water quality score for February 2022 was “Good” with 86% of all samples meeting the EPA/DEP water quality criteria. This was very similar to last month’s score of 88% and last year’s score of 86% (see score card below). In general, the water quality scores are typically better through the winter and spring months, corresponding with the dry season.

When looking at specific water quality parameters, total Nitrogen scored “Good” during February with 88% of sites meeting the water quality criteria, down from last month’s 100% and slightly lower than last year’s score of 91%. Total Phosphorus scored “Good” with 88% of sites meeting the criteria, similar to last month’s 89% and a bit lower than last year’s 96%. Chlorophyll, which frequently struggles to meet the stringent water quality criteria, is “Good” this month at 85%, an increase from last month’s score of 79%, and last year’s score of 74%. For the combined Fecal Indicator Bacteria (fecal coliforms in all waters, enterococci in marine and brackish waters and *E. coli* in fresh waters), February scores were “Good” at 84%, and right in line with last month’s 85% and last year’s 84%.

James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

2/1/2021

2/28/2022

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

February
202286%
Overall153
Total Samples

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

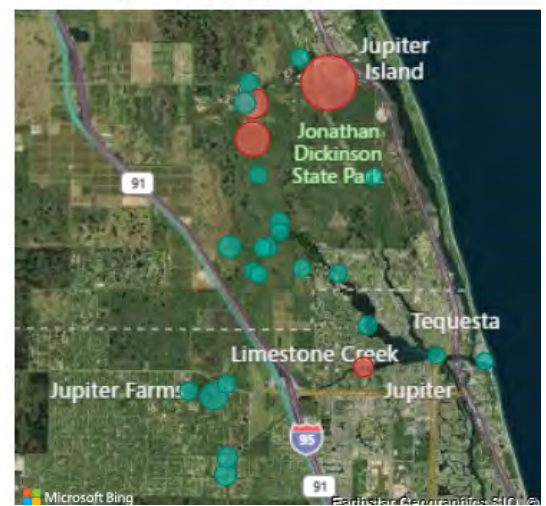
Year	Month	# Samples	Overall Score	# TN Samples	Total Nitrogen Percent Good	# TP Samples	Total Phosphorus Percent Good	# CLA Samples	Chlorophyll Percent Good	# BAC Samples	Bacteria Percent Good
2022	February	153	86%	26	88%	26	88%	26	85%	75	84%
2022	January	152	98%	28	100%	28	89%	28	79%	68	85%
2021	December	126	87%	17	100%	17	94%	17	76%	75	84%
2021	November	129	86%	26	92%	26	92%	26	81%	51	82%
2021	October	164	70%	28	100%	28	75%	28	50%	80	64%
2021	September	164	67%	24	96%	24	83%	24	50%	92	60%
2021	August	184	66%	26	77%	26	73%	26	65%	106	62%
2021	July	243	57%	55	98%	55	62%	55	18%	78	51%
2021	June	117	82%	16	100%	16	88%	16	69%	69	80%
2021	May	136	88%	22	95%	22	91%	22	64%	70	91%
2021	April	148	78%	27	93%	27	81%	27	56%	67	81%
2021	March	122	90%	16	100%	16	100%	16	69%	74	91%
2021	February	133	86%	23	91%	23	96%	23	74%	64	84%
Total		1971	77%	334	95%	334	83%	334	60%	969	76%

Spatial Distribution of Water Quality Results

Chlorophyll scores were poorest in the north portion of the watershed, near/in Jonathan Dickinson State Park. As we have seen previously, Papaya Village Outfall in Hobe Sound (Station 56) had the highest chlorophyll result at 56 µg/L, well over the water quality criteria of 20 µg/L for freshwater. Jenkins Canal in JD State Park (Station 101) was also over the NNC at 27 µg/L. Station 111 in Kitching Creek was just over the NNC at 21 µg/L. Station 72 at Lox River Road Bridge scored "Poor" when compared to the strict criteria of 5.5 µg/L for the Southwest Fork with a result of 5.7 µg/L, just slightly over the NNC.

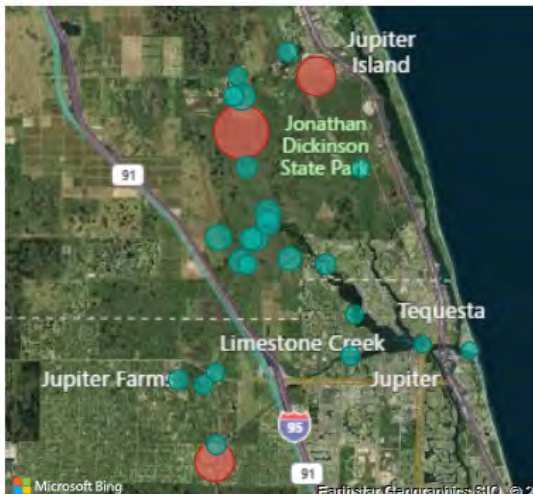
Chlorophyll a (µg/L)

CHL_Score ● GOOD ● POOR



Total Phosphorus (mg/L)

TP_Score ● GOOD ● POOR

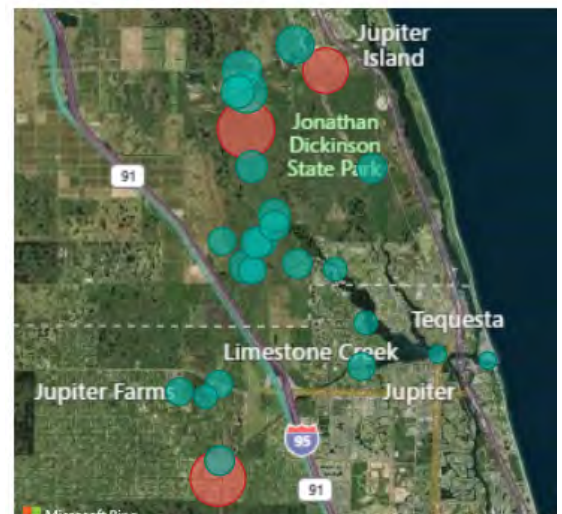


Phosphorus scored “Good” at all sites except two in/near Jonathan Dickinson State Park and one in Jupiter Farms that are sampled quarterly. Jenkins Canal in JD State Park (Station 101) and had the highest phosphorus value of 0.21 mg/L, which is twice as high as the water quality standard of 0.12 mg/L. Papaya Village Outfall in Hobe Sound (Station 56) and Water Control Structure 6 in the C-18 canal (WCS-6) also scored “poor” for phosphorus with values of 0.13 mg/L.

Nitrogen scored “Good” at all sites except the same three sites that scored poor for phosphorus. Jenkins Canal in JD State Park (Station 101) and had the highest nitrogen value of 2.2 mg/L, a bit higher than the water quality standard of 1.5 mg/L. Papaya Village Outfall in Hobe Sound (Station 56) was just over the NNC at 1.6 mg/L and Water Control Structure 6 in the C-18 canal (WCS-6) also scored poor at 2.1 mg/L.

Total Nitrogen (mg/L)

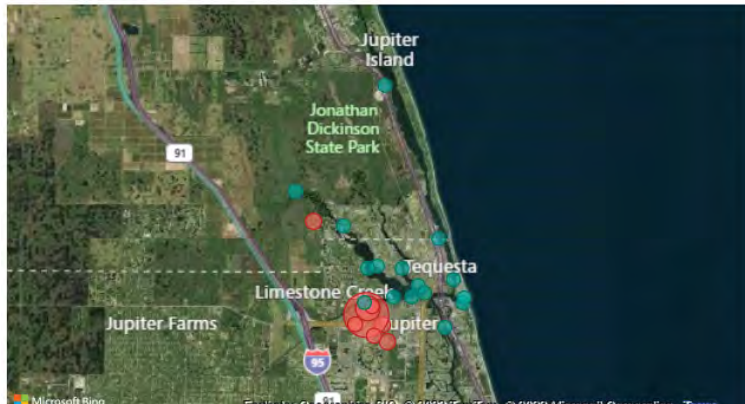
TN_Score ● GOOD ● POOR



The fecal indicator bacteria results for the 2021/22 dry season continue to score “Good” overall. Not unusual, Jones/Sims Creeks and Rivers Edge scored “Poor” as they were over the water quality criteria, but most of the samples showed a relatively low concentration (in the hundreds rather than thousands that we have measured in the past). When looking at Enterococci (see map below left), the preferred indicator organism for saltwater, the results in Jones Creek are again low this month when compared to historical concentrations of bacteria colonies. The “Poor” enteric bacteria levels in Jones Creek ranged from 132 MPN/100 mL at Station 71 (mouth of Jones Creek) to 379 MPN/100 mL at CALC (Caloosahatchee Rd culvert). Unusually, Sims Creek scored poorly this month. Station 735 (trailer park) and Station 73 (mouth of Sims Creek) had particularly “Poor” scores at 4,611 and 1,607 MPN/100 mL respectively. Station 107 (Rivers Edge) was a little higher this month at 399 MPN/100 mL, which has historically had much higher bacteria concentrations.

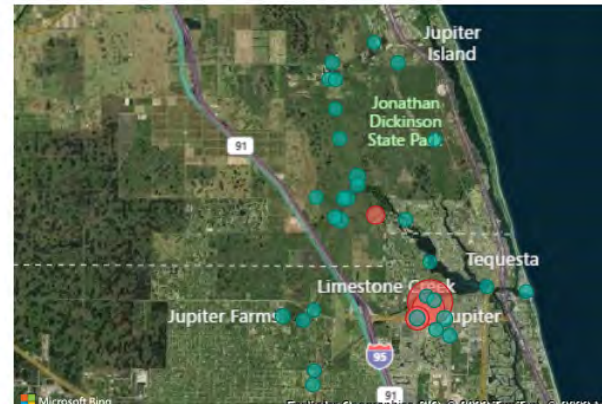
Enterococci Bacteria - Criteria: 130 MPN/100mL

ENT_Score ● GOOD ● POOR



Fecal Coliform Bacteria - Criteria: 800 MPN/100mL

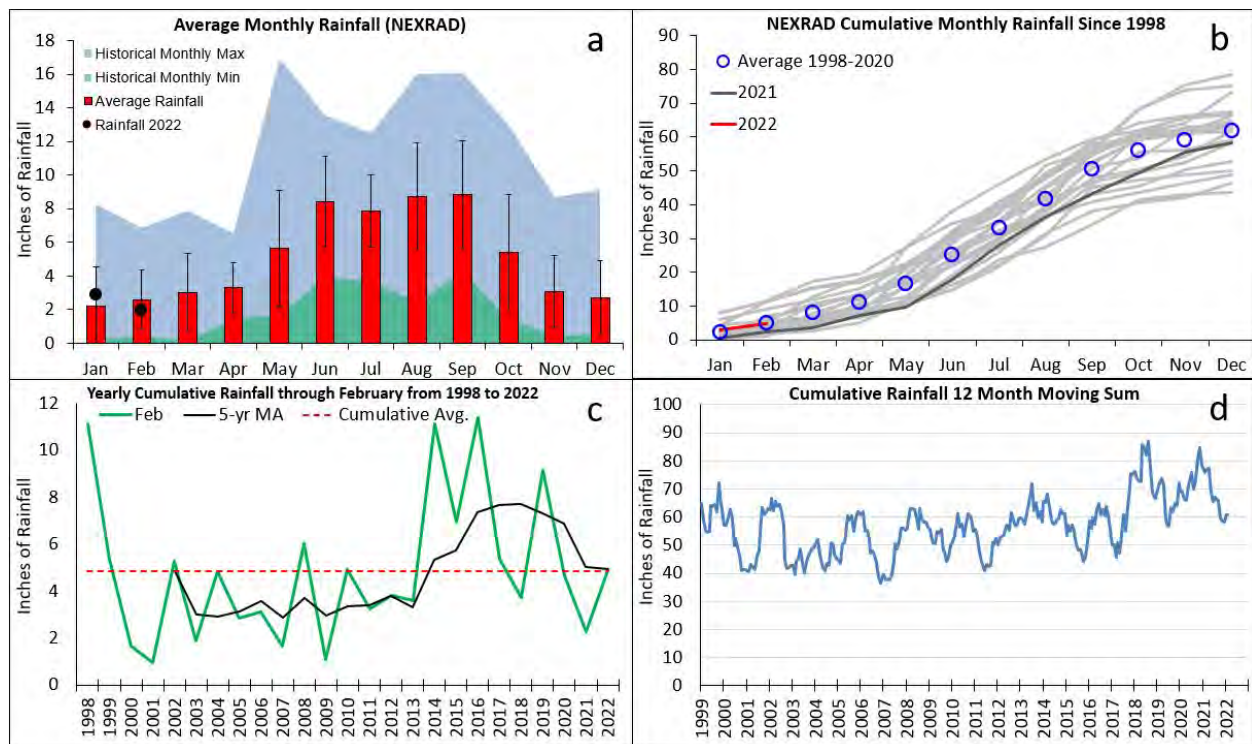
FC_Score ● GOOD ● POOR



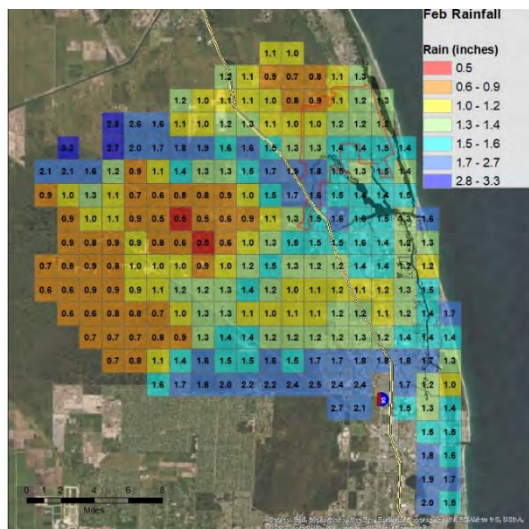
Hydrologic Monitoring

Average rainfall across the watershed during February was 2.0" which is about 24% lower than the 2.6" average for the month (panel 'a' in figure below) and nearly the same monthly rainfall of 1.9" measured during February of last year (2021). Rainfall was detected within the watershed during 14 days in February with the highest single-day total of only 0.4" recorded on February 12.

Cumulative rainfall through February was 4.8" which is right in line with the historical average (panel 'b' in figure below) and appears to continue the overall decreasing trend of cumulative dry season rainfall compared to recent years (panel 'c' in figure below). The rolling 12-month rainfall sum (Mar 2021 – Feb 2022) continues a downward trend at 61.0" compared to 76.0" measured during the same 12-month period last year (panel 'd' in figure below).



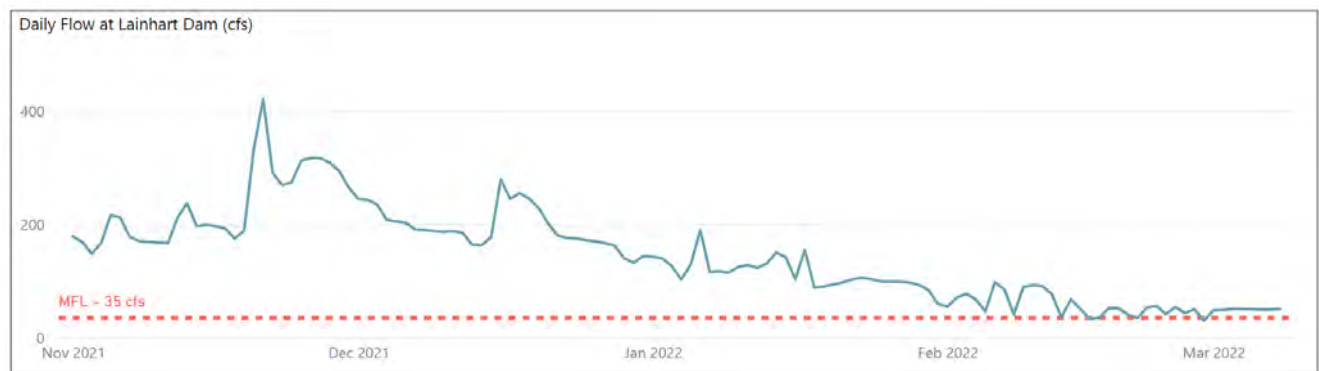
Figures above display various measures of rainfall. Panel (a) shows average monthly rainfall from 1998 to 2021 (red bars; error bars indicate ± 1 sd). Black dots indicate monthly rainfall for 2022. The blue and green shaded areas show the maximum and minimum rainfall ever recorded for each month. Panel (b) shows monthly cumulative rainfall for each year since 1998. Red line indicates cumulative rainfall during 2022; dark gray line indicates rainfall during 2021. Blue circles are monthly cumulative average rainfall measured between 1998-2021. Panel (c) shows cumulative annual rainfall using NEXRAD radar-based data. Green line indicates cumulative rainfall through February for each year since 1998, 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.



Rainfall distribution across the watershed using NEXRAD data. Each pixel represents an area of 2 km x 2 km. Blue colored pixels show highest rainfall and red pixels show lowest rainfall.

The spatial distribution of rainfall across the watershed ranged from just 0.5" of rain to a maximum of 3.3" (Figure left). Some of the regions that received the highest rainfall included northern portions of Hungryland Wildlife and Environmental Area and Pal Mar in the northwest portion of the watershed and Loxahatchee Slough in the south portion. The driest regions tended to be near the lower half Hungryland Wildlife and Environmental Area and out west over J.W. Corbett Wildlife Management Area.

With near average rainfall during February, and our continued progression into the dry season, river flows continued to decline. River flow measured at Lainhart Dam during February ranged from 30 cfs to 98 cfs with an average flow of 58 cfs compared to 114 cfs average last month, and similar to the same period last year. Flow at Lainhart fell below the 35 cfs Minimum Flow and Level (MFL) target for three non-consecutive days during February. As we progress further into the dry season we will continue to closely monitor flow conditions that are updated daily on our website [HERE](#).



River flows measured at Lainhart Dam from November 1, 2021 through March 8, 2022 indicating the reduced flows as we progress into the dry season, and relative to the 35 cfs flow target for the Minimum Flow and Level (MFL).

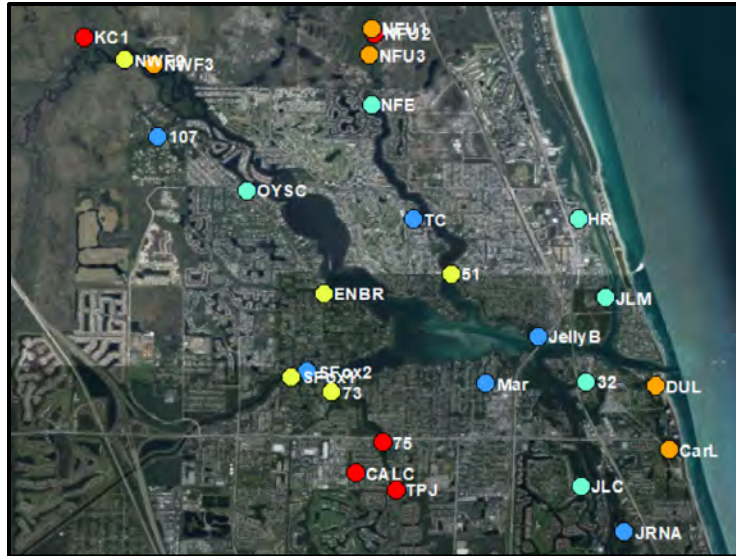
Additional Studies

As part of the Jones Creek Nano Bubble Ozone Treatment (NBOT) Study, we are finalizing a report to FDEP and it has left us with many questions about bacterial loads in water and mud. This raised the question how bacteria and sediments in Jones Creek compare to other tributaries throughout the Loxahatchee River and surrounding areas. So, staff set out on a mission to sample 27 other sites throughout the watershed (see map below).

Over the span of three days staff collected samples of surface water, bottom mud/muck, and when possible, some intertidal sediment samples from a diversity of sites throughout the Loxahatchee River watershed. Mud/muck samples were collected from the middle of creeks/canals. Sediment samples were collected along the banks and may or may not have been under water, depending on the tide. All samples were analysed for enterococci and organic content.

From our preliminary results there are some interesting findings including:

- Enterococci concentrations in muck and sediments were higher than in water.
- Jones Creek stations (75, TPJ, CALC) had the highest muck enterococci concentrations.
- All stations sampled had high enterococci concentrations in muck.
- Organic content of muck ranged from 4-50% throughout watershed.

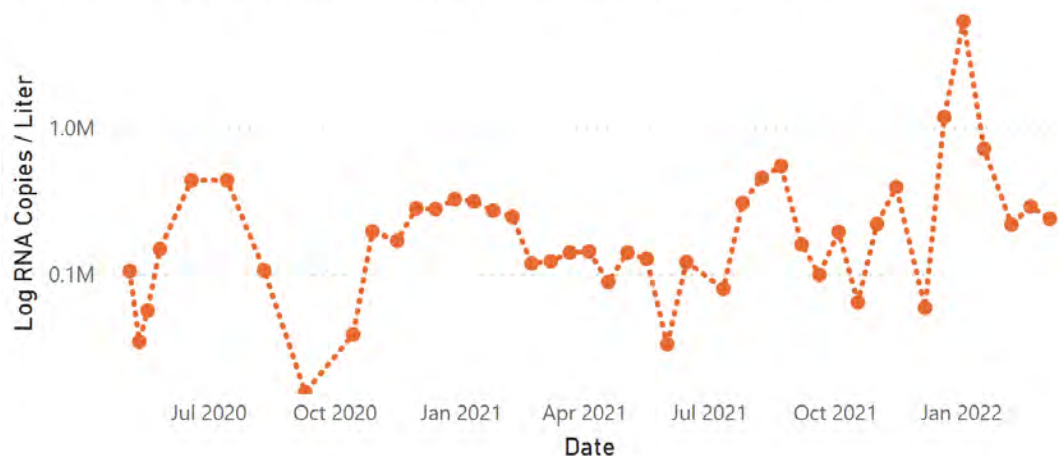


Map of study sites sampled for enterococci bacteria concentrations in the mud/muck sediments and symbolized as lower bacteria concentration in blues, average concentration in yellow, and higher concentrations in red.

Wastewater Surveillance of COVID-19

The twice monthly wastewater surveillance testing results for SARS/COVID-19 through our most recent sample collected on March 7, 2022 continues to clearly show the presence of COVID in our community, but at *far lower* concentrations that the peak of the omicron variant in January.

SARS-CoV-2 RNA Concentration from Wastewater- Log Scale



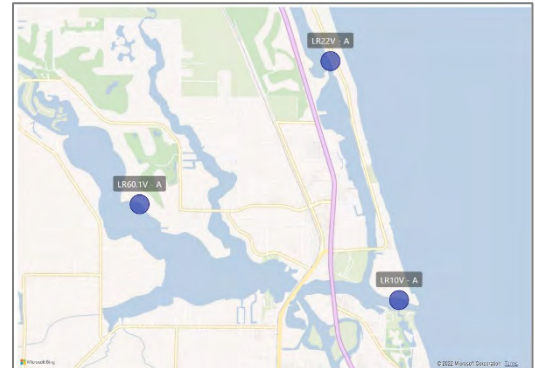
Oyster Spat Monitoring

Oyster spat settlement evaluation for the 28-day period ending February 8 is complete and indicates that oyster settlement activity continues at a slightly above average rate for the period, perhaps associated with the mild temperatures. In the Northwest Fork, average spat density was 321 spat m² with nearly all, or 98%, of the activity occurring at the downstream site. This was several times higher than the historical average of 64 spat m² for this period, and a marginal increase over the 216 spat m² counted last month.

Oyster spat settlement in the Southwest Fork was also higher with 371 spat m² and 77% of settlement activity occurring at the upstream site. This is higher than the period average of 122 spat m². In contrast to the Northwest Fork, settlement in the Southwest Fork during the most recent period decreased since last month, which had 465 spat m².

Volunteer Water Quality

The overall Volunteer Water Quality grade for February 2022 was an “A” with very good water quality at three sites presently monitored. There has been some persistent high turbidity associated rough seas, resulting poorer visibility at the Jupiter Inlet site during flood tide.



Site	Averaged results for the Month							Monthly Cumulative Grades						Cumul. Monthly	
	Temp (F)	Secchi	Salinity	pH	DO	DO%	Color	Vis	Salt	pH	DO	DO%	Color	Score	Grade
LR10V	23.9	3.20	34.6	8.1	6.8	98.6	1.0	C	A	A	A	A	A	95.8	A
LR22V	18.5	1.00	39.0	8.6	6.9	92.9	1.0	A	A	A	A	A	A	100.0	A
LR60.1V	19.7	0.72	26.3	8.1	6.6	84.4	1.0	A	A	A	A	A	A	100.0	A
Average	20.7													97.8	A

VAB (Visible at Bottom)

DO (Dissolved Oxygen)

ND (No Data)

Customer Service

Payment Processing

First Quarter 2022 bills were due February 23 and the short-staffed Customer Service Team was busy processing nearly 22,600 payments totalling over \$2.5M. Nearly 8,800 of these payments were through customers utilizing the AutoPay service, a new record and another 2.4% increase in this payment method.

New Customer Information and Billing System

Staff have been refining our data storage and functionality reference document to support the implementation of our new customer information and billing system. The implementation process will begin in April and is targeted to finish by year end.

Information Technology (IT)

Security Video Management System Update

As part of our routine assessment of our aging security camera video management system, relative to other current solutions on the market, we determined that our software was lacking features and functionality now readily available at appealing costs to better meet the needs of the District. Our team installed Axis Camera Station which integrates both the video surveillance and physical access control (doors) systems.

Key Benefits to upgrading system:

- Simplified interface for operators – With a more modern interface, the live and recorded video screens are more intuitive for end-users.
- Greater efficiency in server processing – The new system takes advantage of using each camera's on-board analytics engine to determine motion events like cars and people. This reduced the number of servers required to run the system.
- Reduced storage requirements – By using Axis devices with Axis Camera Station we have reduced the storage requirements for video archive significantly. This means that video can be kept for longer periods and is available for requests research and/or forensics.



New Video Management System screenshot showing selected camera views.

Warehouse Intercom System

As part of our effort to improve security for various areas, we have replaced the video doorbell with a 180 degree view that was installed at our warehouse entrance.

- Improved convenience – The intercom can now be answered either by desktop program or mobile app.
- Improved system visibility – Integrates with Axis Camera Station to provide recorded events so that it can also be viewed along with any other security camera at the District.

Loxahatchee River Environmental Center

March 2022



River Center Summary Statistics

LRD'S ENVIRONMENTAL STEWARDSHIP DASHBOARD



	Environmental Stewardship Impact [%ES Impact = (Total Visitors x ES Index)/Monthly Target]	Environmental Stewardship Index	Total Visitors (incl. Visitors, Field Trips, Onsite Programs)	Average Program Participation [Actual participants/Capacity of Program]	Volunteer Engagement	1st Time Visitors	Visitor Satisfaction	Staff Overall Program Assessment	Expenses	Program Revenue
Benchmark / Customer Expectation	% of Target	Monthly Average [Max Rating is 9]	% of Target	% of Capacity	% of Target	% of Target	Rating Average [Max Rating is 5]	Rating Average [Max Rating is 9]	% within budget	% of Target
Blue Level	≥ 110%	≥8	≥ 110%	≥ 95%						
Green Level	≥ 90%	≥7	≥ 90%	≥ 75%	≥ 90%	≥ 90%	≥4	≥7	≥ 85% but ≤ 105%	≥ 90%
Yellow	≥ 75%	≥5	≥ 75%	≥ 50%	≥ 75%	≥ 75%	≥3	≥5	≥ 80%	≥ 75%
Red	<75%	<5	<75%	<50%	<75%	<75%	<3	<5	< 80% or > 105%	<75%
2019 Baseline	134%	7.3	44%	83%	121%	124%	4.7	7.8	97%	128%
2020 Baseline	62%	7.6	28%	50%	70%	65%	4.6	7.8	81%	103%
2021 Baseline	188%	8.1	112%	83%	102%	275%	4.7	7.8	92%	85%
2021 Feb	130%	8.1	65%	84%	67%	89%	4.6	7.5	74%	101%
Mar	304%	8.4	99%	86%	68%	275%	4.6	7.9	78%	85%
Apr	166%	8.6	134%	83%	123%	320%	4.8	7.7	84%	89%
May	135%	8.0	92%	84%	112%	270%	4.4	7.9	89%	72%
June	312%	8.1	142%	106%	115%	328%	4.6	8.0	96%	51%
July	371%	8.1	205%	87%	154%	579%	4.5	8.1	115%	49%
Aug	355%	8.1	160%	85%	175%	330%	4.7	8.0	107%	86%
Sept	237%	7.6	192%	85%	66%	519%	4.6	7.8	91%	83%
Oct	63%	7.8	77%	81%	92%	155%	5.0	7.8	104%	90%
Nov	76%	8.0	75%	87%	112%	156%	4.9	7.9	89%	101%
Dec	74%	8.1	67%	86%	63%	193%	4.9	7.6	95%	120%
2022 Jan	44%	8.4	65%	73%	65%	236%	4.9	7.6	98%	111%
Feb	45%	7.8	79%	90%	109%	235%	4.5	8.1	99%	98%
Consecutive Months at Green	0	13	0	1	1	12	13	13	6	5
Metric Owner	O'Neill	O'Neill	O'Neill	Harris / Duggan	Miller	O'Neill	O'Neill	O'Neill	O'Neill	O'Neill

Metric	Explanation
Environmental Stewardship Impact	We only had 6 scheduled field trips in February compared to the 14 we had in February of 2019 (average is 20 programs in February). We are seeing reduced numbers of field trips and participants in the field trips that are scheduled (smaller groups are booking field trips). This affects the ESII number because we are hitting below the target that we set which was 80% of pre-pandemic groups.
Total Visitors	This number also reflects the reduced amount of field trip participants.

River Center General

Special Programs

Jupiter Jubilee [Saturday, February 5th]

The River Center once again participated in the Jupiter Jubilee at Abacoa Community Park. This annual event created by the Town of Jupiter for their residents is a family fun event with business and civic fairs, kid's activities, demonstrations, food, music, and much more. More than 450 people visited the River Center's booth in the civic fair section. It was amazing to see the awareness, positive response, and interest from Jupiter residents to the River Center as well as other organizations throughout northern Palm Beach County.



Nature Walk – Cypress Creek North [Wednesday, February 16th]

Staff hosted an adventure hike through Cypress Creek North Natural Area. Following the Wildcat trail through the natural area, guests explored the rugged trail through mesic flatwoods and depression marsh. This trail is a little more rustic compared to other trails during our nature walks. It allows guests to really see a wilder side to our local natural areas. Some highlights from the hike include wildflowers, carnivorous sundews, and numerous animal tracks. We can't wait to trek through this area again in the future.

Homeschool Workshop: Mangrove Adaptations [Friday, February 11th]

On February 11th, the River Center hosted our monthly homeschool workshop for students ages 7 to 10. This lesson was called *Mangrove Adaptations* with 13 participants. Students identified mangrove species, adaptations, and the vital role they play in Florida's ecosystem. We investigated propagules, pneumatophores, and prop roots. They also learned about the connection between mangroves and oysters as well as juvenile fish nurseries and the predatory food supply. After our investigation, students competed in a mangrove tug-of-war relating to mangrove estuaries, ocean energy, and human influences.



LRD Connections:

- **Water Supply** – Water is always moving- changing from states of matter, like water to water-vapor, and it moves from habitat to habitat! The amount of available water affects how well a habitat will function. The water supply and salinity of the river is affected by not only stormwater but also human water usage from the aquifer systems. Taking too much water from the aquifers can lead to saltwater intrusion, which can be harmful to the ecosystem and is irreversible. By recycling wastewater, the LRD limits the amount of water being pulled from the aquifers for human use and leaves more water for natural areas.
- **Stormwater** - As stormwater enters the river system it brings other potentially harmful contaminants to the mangrove's habitat. Stormwater can contain chemical pollutants, solid pollution, or bacteria which can disrupt the balance of water quality that mangroves depend on.

Nature Hike- Frenchman's Forest [Friday, January 28th]

The River Center team facilitated a nature hike to Sweet Bay Natural Area. This 1,094-acre natural area adjacent to the North County Airport consists of mesic flatwoods, hydric flatwoods, wet prairie, baygall, mesic hammock, and dome swamp ecosystems. A slight elevation in the center of the wetlands holds a tree island called a bay head full of sweetbay, dahoon, coastalplain willow, and pond apple trees that provide roosting and nesting habitat for wading birds, including snowy egret, black-crowned night-heron, and the endangered wood stork. This area had also recently undergone a prescribed burn, which allowed guests to see new growth already developing in the rejuvenated landscape. We hope to schedule another walk in this location during another time of year to see how the area has changed since the burn.



Blooming in the Garden [Saturday, February 19th]

On February 19th, the River Center hosted a Blooming in the Garden program for families with early learners. The theme this month was *Owls in the Garden* and included the story “So, you want to be an owl?” and craft. Families got the opportunity to explore the River Center’s migratory bird garden. We created a fun matching game to go along with their garden fun. Families were given a picture of an owl and they had to find their bird “hiding” in the garden. Afterwards, kids got to create owl masks for them to officially become an owl. Eleven children and fifteen adults enjoyed a morning outside as a family.



Science with Sam [Wednesdays, 2/9, 2/16, and 2/23]

In February, Science with Sam taught three classes on carnivores, leaves and birding. In the carnivore lesson, students learned about the food chain and what a carnivore is. Students learned about various carnivores of the world (not all are animals!), what their role in an ecosystem is, all things a carnivore needs to survive, and why they are important to us. The students got up close to some carnivore animal skulls and pelts as well. This program took place at the Jupiter Inlet Lighthouse Outstanding Natural Area (JILONA).



During the life of leaves lesson, students learned the purpose of a leaf, how plants use them, how animals use them, and their basic functions. Students then ventured into the River Center Garden to see leaves in action and collect a few to create their own leaf rubbings.

In our birding lesson students learned about the various lifestyles of birds, how to/where to spot birds (Birding), how to identify common bird calls, and how to recognize bird families. Students then took a guided hike through the trails at JILONA, with binoculars, searching for birds of the area.

LRD Connections:

- **Solid Waste** – Reducing our trash so that it does not end up in our waterways is important for marine life.

Volunteer of the Month



The River Center volunteer of the month for February 2022 is Jason Rivera. Jason has been volunteering with us in many different roles. He has been a summer camp counselor, animal care volunteer, education assistant, visitor services attendant, touch tank docent, and recently did a wonderful job in our garden replacing our trail markers for his Eagle Scout Service Project. He has consistently brought a good attitude to the River Center and serves with integrity. He has proved to be a reliable volunteer and is constantly looking for ways he can be helpful on his own initiative. Thanks Jason, for all you do!

Upcoming River Center Events

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

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

March 17, 10am – 1 pm: Craft-a-Palooza: LET’S GET CRAFTY! Join us in the River Center classroom for some FREE arts and crafts, games, activities, music, and fun. This is a free event, and no RSVP is required to attend or participate. Our crafts are designed for children ages 3-10. Make sure you do not miss out on this exciting event! No registration required.

March 18, 10am – 12 pm: Kayak Tour: Cypress Creek South Natural Area: Join us for our public kayak tour on Friday, March 18th from 10:00 am – 12:00 pm. Launching from Cypress Creek South, guests will paddle along through a beautiful cypress swamp. Keep your eyes sharp, as this is a great area for birding. Don’t miss out on this awesome excursion! All equipment is provided. Interested participants should bring water, water shoes and anything that will make them comfortable in nature. Our kayaks are tandem kayaks, or double seated, if you do not register with a partner, you will be assigned one. Registration is required. Space is limited.

March 19, 10 a.m. – 11:30 a.m.: Blooming in the Garden: Join the River Center for our Blooming in the Garden program, designed for children ages 3-6. The program will start at 10:00am at the River Center Fire Pit with a story time and a garden themed craft. We will then move to our garden for a garden themed hands-on activity. When it is time to go home, children will receive seeds to take home to start their own garden! So do not miss this exciting opportunity for your little ones to enjoy nature!

March 26, 8 a.m. – 4 p.m.: Boating Safely Class: *Classes are planned to resume IN PERSON!* The River Center continues to collaborate with the US Coast Guard Auxiliary “Flotilla 52” to provide a series of Boating Safely Classes targeted specifically to young boaters in our community. These classes are provided through a generous sponsorship by the AustinBlu Foundation, a not-for-profit dedicated to raising awareness and promoting educational programs to improve boater safety. Recommended for children 12 years and up.

March 31, 5 – 7pm: Nature Hike – Pine Glades Natural Area: Come explore with us! Tie up your hiking boots and join the River Center on Thursday, March 31st for our sunset nature walk through Pine Glades 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. Bug spray and a flashlight are highly recommended. Please RSVP to attend. Space is limited.

April 2, 8:30 a.m. – 12:30 p.m.: Girl Scouts Fish Like a Girl: This first-time opportunity for Girl Scouts to get “hooked” on fishing with this workshop for older girls. Inspired by the “Run Like A Girl” video, we

know that there are lots of things that we can do “like a girl.” Girls will learn the basics of fishing including knot tying, tackle, and casting. Other topics that will be covered are conservation, regulations, and fish identification. And, of course, we will be fishing!!! Price includes Fish Like a Girl Fun Patch and T-shirt

April 13, 20, 27th: 4 p.m. – 5 p.m.: Science with Sam: On select Wednesdays from 4:00 pm – 5:00 pm, join our Scientist Sam for different science activities for our K-5th grade aged children. Activities will include garden exploration and hands-on opportunities with wildlife. Each month has a different theme!

April 15, 10 a.m. – 12 p.m.: Kayak Tour – Winding Waters Natural Area: Join the River Center for our Public Kayak Tour to Winding Waters Natural Area. Paddle along through the freshwater marsh on our naturalist led tour for great views of local wildlife. All equipment will be provided but interested participants should bring water shoes, sunscreen, and plenty of water! The cost for this program is \$20 per person. Make sure to reserve your spot today! Space is limited! Kayak Difficulty Level: Easy to moderate, all paddler levels welcome.

April 22, 2-4 p.m.: Nature Hike at Pal Mar Natural Area: Come explore with us! Lace up your hiking boots and join the River Center on Friday, April 22nd for our Nature Walk through Pal Mar-Hungrylands. Walk along the guided paths and immerse yourself in this local natural area. We will explore a path inside this natural area with uneven terrain. Interested participants should wear closed toed shoes, long pants, a walking stick, comfortable clothing and bring plenty of water. Make sure to RSVP to this event! Space is limited.

April 23, 10 a.m. – 11:30 a.m.: Blooming in the Garden: Join the River Center for our Blooming in the Garden program, designed for children ages 3-6. The program will start at 10:00am at the River Center Fire Pit with a story time and a garden themed craft. We will then move to our garden for a garden themed hands-on activity. When it is time to go home, children will receive seeds to take home to start their own garden! So do not miss this exciting opportunity for your little ones to enjoy nature!

May 4: 4 p.m. – 5 p.m.: Science with Sam: On select Wednesdays from 4:00 pm – 5:00 pm, join our Scientist Sam for different science activities for our K-5th grade aged children. Activities will include garden exploration and hands-on opportunities with wildlife. Each month has a different theme!

May 7, 9am – 12pm: Fishing Clinic: Fishing clinics are a fantastic 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! The cost is \$10 per child. Interested participants should bring water, sunscreen, a hat, and sunglasses.

May 13, 10 a.m. – 12 p.m.: Kayak Tour – TBD: Join the River Center for our Public Kayak Tour. Paddle along on our naturalist led tour for great views of local wildlife. All equipment will be provided but interested participants should bring water shoes, sunscreen, and plenty of water! The cost for this program is \$20 per person. Make sure to reserve your spot today! Space is limited! Kayak Difficulty Level: Easy to moderate, all paddler levels welcome.

May 14, 8 a.m. – 4 p.m.: Boating Safely Class: The River Center continues to collaborate with the US Coast Guard Auxiliary “Flotilla 52” to provide a series of Boating Safely Classes targeted specifically to young boaters in our community. These classes are provided through a generous sponsorship by the AustinBlu Foundation, a not-for-profit dedicated to raising awareness and promoting educational programs to improve boater safety. Recommended for children 12 years and up.

May 17 – Loxahatchee River – Wild & Scenic Designation Anniversary (37 years)

May 28 – Summer 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: March 10, 2022
Subject: District Safety Report for February 2022

Safety Metrics: February 2022

OSHA recordable injuries: Zero

Lost time injuries: Zero

Actual TRIR: 2.6 [Goal < 2.2]

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:

For the third month in a row the LRD experienced zero OSHA Recordable Injuries and zero Motor Vehicle Accidents (MVA). With two recordable injuries in the last 12 months, we have sustained a Total Recordable Incident Rate (TRIR) of 2.6, above our goal of 2.2.

With a total of three MVAs in the last 12 months, the MVA incident rate is at 3.5. Above the LRD MVA goal of 2.2.

Sustainment:

Job Hazard Assessment (JHA) activity is gaining momentum. The District experienced the highest ever recorded volume of completed JHA's in February. A 12% increase from January and a 14% increase in the average volume over the past 12 months. Our "hats off" to Reuse, which is a big reason for the increase in performance. Reuse increased the monthly volume per employee by 20. Great job! Collections, Construction, Maintenance and Operations all continue to sustain their respective average monthly performance. Inspection is now involved in JHA performance. This is good news. The following is a comparison of February's JHA's performed per employee in each participating department:

Reuse: 45 JHA's / employee (increase of 20 / employee).

Collections: 22 JHA's / employee.

Maintenance: 6 JHA's / employee.

Operations: 1 JHA / employee.

James D. Snyder
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Construction: 1 JHA / employee.

Inspection: 1 JHA / employee.

Moving forward, we continue to take the steps necessary to integrate JHA's in the EAM Work Order system which will streamline the process. All District employees must participate in this activity to ensure risks are identified and workplace injuries eliminated. This was demonstrated in February with the Inspection departments commitment to generate JHA's prior to daily activity.

Near miss reporting has slowed with three Near Miss reports submitted in February. This is the fewest amount recorded in the last four months. Near Miss training for the entire District will begin the week of March 14th. A new form will be introduced with expectations to significantly increase the volume submitted. Each near miss condition corrected is one less potential injury that can occur to District employees. However, it only happens with the submittal of a near miss. Remember, all near miss submittals are important.

The District Safety Committee met on February 24th. The meeting minutes and SOP are located on the LRD Intranet web page. Safety Committee members are John Broadrick, Ollie Jones, Andrea Atkins, Erin Kelty, Chuck Talledo, Sara Duggan, Jerry Metz, Anthony Nicoletto and Nathan Jarvis. Members are encouraged to address safety concerns with LRD employees. Feel free to discuss issues with the committee members or Ed Horchar (the District Safety Officer), whichever you feel more comfortable. The next scheduled meeting is May 24th.

Training:

CPR/AED and Bloodborne Pathogen training occurred on February 21st. Positive feedback was received by all, as it was a lively class. Below, instructor Keith Murry coaches District employees Juvenal Desousa and Cindy Denton to the tune of "Staying Alive" while performing the practical CPR exercise.



By popular demand, a second class is scheduled for March 17th. Only a few seats remain. Contact Ed Horchar or Andrea Atkins to register. We may conduct one more training class if enough interest is expressed. It is highly recommended District employees sign up for this training.

The formal four-day CDL SAGE training class will be conducted March 25 – April 1st for four District employees. Five additional District employees require the CDL designation to reach 100% compliance. Additional safety training scheduled in March/April will include confined space classroom Entrant and Attendant training, and fork truck operator certification and recertification training.

Workplace inspections have increased in February. Many District jobs were observed including welding tasks, chlorine cylinder replacement, polymer delivery, lab activities and a variety of lift station work with some involving confined space entry. Pictured on the left, Brandon Collins completes the confined space permit as Dwayne Martin prepares the retrieval device and Marshall McGuire performs lockout – tagout. On the right, Travis Hunter enters L/S 82 with his safety harness attached to the retrieval device to perform an inspection.



The District continued to enhance safety performance in February and the workplace inspections revealed employees safely conducting tasks. A few work advisories were given concerning safety glass usage, hearing protection and an unguarded grinding wheel. All conditions were corrected immediately. Employee involvement and training will continue to increase. Anthony Nicoletto and the maintenance crew met with Palm Beach County Emergency Rescue Station 19 concerning confined space rescue for future planned activity. Rescue Station 19 may utilize the District to perform rescue training in the near future. The team then was provided an instructional tour of the chlorine building led by Plant Operator Dan Luecht. The District and Palm Beach County Emergency Rescue 19 will be planning emergency drills to include a chlorine release scenario.

Let's stay focused and perform all tasks safely. I look forward to working with everyone in the next month to improve our sustainment and training activities.

Think Safety First; Never iron a four-leaf clover, because you don't want to press your luck.



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D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: Governing Board
FROM: Administration Staff
DATE: March 11, 2022
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
Shenkman	\$ 8,950.00	\$ 39,055.00
Baxter & Woodman	\$ 6,706.09	\$ 40,326.53
Carollo	\$ 33,443.63	\$ 81,641.62
Chen Moore	\$ 7,230.00	\$ 30,511.40
Holtz	\$ 28,467.63	\$ 141,150.31
KCI	\$ 3,038.40	\$ 9,766.20
Mock, Roos & Associates	\$ 21,507.50	\$ 52,850.50

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

James D. Snyder
CHAIRMAN

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BOARD MEMBER

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Future Business

General:

- FY2024 Budget
- Revisions to Environmental Education Policy

Neighborhood Sewering:



Future Contracts:

- Clarifier #3 Rehabilitation – Construction Contract
- Lift Station Telemetry– Construction Contract
- Lift Stations 160 and 296 Emergency Generator and ATS Installations
- Vacuum Truck Dump Facility – Engineering Services Contract

Potential Workshops:

- 2500 Jupiter Park Dr Site Plan
- 20 Acres Site Plan

