



LOXAHATCHEE RIVER DISTRICT

Celebrating 50 Years, 1971-2021

D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR

Gordon M. Boggie
CHAIRMAN

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

James D. Snyder
BOARD MEMBER

AGENDA

REGULAR MEETING #16-2021

JUNE 17, 2021 – 7:00 PM AT DISTRICT OFFICES

ALSO, THE MEETING WILL BE AVAILABLE TO THE PUBLIC
ONLINE AT: [LOXAHATCHEERIVER.ORG/PUBLICMEETING](https://loxahatcheeriver.org/publicmeeting)

1. Call to Order & Pledge of Allegiance
2. Administrative Matters
 - A. Roll Call
 - B. Previous Meeting Minutes [Page 7](#)
 - C. Additions and Deletions to the Agenda
3. Comments from the Public
4. Status Updates
 - A. Loxahatchee River Watershed [Page 13](#)
 - B. Loxahatchee River District Dashboard [Page 14](#)
5. Consent Agenda (see next page)
6. Regular Agenda
 - A. Consent Agenda Items Pulled for Discussion
 - B. Busch Wildlife Sanctuary Request for License Agreement Renewal [Page 47](#)
 - C. 2018 Strategic Plan [Page 49](#)
7. Reports (see next page) Pulled for Discussion
8. Future Business [Page 104](#)
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: June 7, 2021

2500 Jupiter Park Drive
Jupiter, Florida 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

loxahatcheeriver.org

Water Reclamation - Environmental Education - River Restoration

5. CONSENT AGENDA

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

- A. Thelma Avenue Final Assessment (Res. 2021-12) [Page 16](#)
- B. 197th Place North Final Assessment (Res. 2021-13) [Page 23](#)
- C. 18870+18890 SE Country Club Drive Final Assessment (Res. 2021-14) [Page 30](#)
- D. Gardiner Lane-18205 Final Assessment (Res. 2021-15) [Page 37](#)
- E. Change Orders – to approve modifications [Page 44](#)
- F. Fixed Asset Disposal – to approve disposal [Page 45](#)

7. REPORTS

- A. Neighborhood Sewering [Page 55](#)
- B. Legal Counsel's Report [Page 57](#)
- C. Engineer's Report [Page 59](#)
- D. Busch Wildlife Sanctuary [Page 68](#)
- E. Director's Report [Page 69](#)



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BOARD MEMBER

James D. Snyder
BOARD MEMBER

AGENDA

PUBLIC HEARING #07-2021
JUNE 17, 2021 – 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
Thelma Avenue Final Assessment
4. Comments from the Board
5. Adjournment

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James D. Snyder
BOARD MEMBER

AGENDA

PUBLIC HEARING #08-2021

JUNE 17, 2021 – 6:57 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 197th Place North Final Assessment
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:
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BOARD MEMBER

James D. Snyder
BOARD MEMBER

AGENDA

PUBLIC HEARING #09-2021

JUNE 17, 2021 – 6:58 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
18870+18890 SE Country Club Drive Final
Assessment
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: June 7, 2021

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CHAIRMAN

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

James D. Snyder
BOARD MEMBER

AGENDA

PUBLIC HEARING #10-2021
JUNE 17, 2021 – 6:59 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 Gardiner Lane-18205 Final Assessment
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: June 7, 2021

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LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
REGULAR MEETING - MINUTES
MAY 20, 2021

1. CALL TO ORDER

Chairman Boggie called the Regular Meeting of May 20, 2021 to order at 7:03 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 (via GotoWebinar), and Mr. Pugsley.

Consultants in attendance were Mr. Curtis Shenkman and Mr. Hunter Shenkman, Ms. Marshall from Baxter & Woodman (via Goto Webinar) and Deveyand Dave

B. PREVIOUS MEETING MINUTES

The minutes of the Regular Meeting of April 15, 2021 were presented for approval and the following motion was made.

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

“THAT THE GOVERNING BOARD approve the minutes of the April 15, 2021 Regular Meeting as submitted.”

C. ADDITIONS & DELETIONS TO THE AGENDA

Item 5G pulled for discussion

3. COMMENTS FROM THE PUBLIC

No comments were received.

4. STATUS UPDATES

A. LOXAHATCHEE WATERSHED STATUS

Mr. Howard briefed on the Nano Bubble Ozone Treatment Project for Jones Creek.

B. LOXAHATCHEE RIVER DISTRICT DASHBOARD

Dr. Arrington reviewed the District Dashboard.

5. CONSENT AGENDA (except 5G)

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

“THAT THE GOVERNING BOARD approve the Consent Agenda of May 20, 2021 as modified by the removal of item 5G.”

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

A. F550 Vehicle Purchase – to approve purchase

“THAT THE DISTRICT GOVERNING BOARD authorize the “piggy-back” of the Florida Association of Counties (FSA&AC) contract with Palmetto Ford Truck Sales for FSA20-VEL18.0 in accordance with Palmetto Truck Sales proposal dated April 12, 2021 in the amount of \$101,825.00.”

B. Preliminary Assessment Thelma Avenue – to approve preliminary assessment

“THAT THE DISTRICT GOVERNING BOARD approve Resolution 2021-08 adopting the THELMA AVENUE Preliminary Assessment Roll.”

C. Preliminary Assessment 197th Place North – to approve preliminary assessment

“THAT THE DISTRICT GOVERNING BOARD approve Resolution 2021-09 adopting the 197TH PLACE NORTH Preliminary Assessment Roll.”

D. Preliminary Assessment 18870 + 18890 SE Country Club Drive –to approve preliminary assessment

“THAT THE DISTRICT GOVERNING BOARD approve Resolution 2021-10 adopting the 18870+18890 SE COUNTRY CLUB DRIVE Preliminary Assessment Roll.”

E. Preliminary Assessment Gardiner Lane-18205 – to approve preliminary assessment

“THAT THE DISTRICT GOVERNING BOARD approve Resolution 2021-11 adopting the GARDINER LANE-18205 Preliminary Assessment Roll.”

- F. Piggyback Contract for Cleaning, TV Inspections and MH Inspections for Lift Stations 18, 41, 50 and 54 - to award contract

“THAT THE DISTRICT GOVERNING BOARD authorize the piggyback” of the TOHO Water Authority contract 20-133 with Atlantic Pipe Services, LLC in accordance with their proposals dated April 7, 2021 in the amount of \$188,964.24”

and

“THAT THE DISTRICT GOVERNING BOARD authorize an additional contingency amount of \$19,000.00.”

- H. Evoqua Odor Control Contract Pricing Extension - to approve pricing extension and award contract

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to execute a Purchase Order to Evoqua Water Technologies, Inc., for the continued provision of odor and corrosion control chemicals for the period from May 14, 2021 to August 13, 2021, or until the piggy-back Contract renewal with Lee County is finalized during the period, in an amount not to exceed \$100,000.00.”

- I. Change Orders to Current Contracts – to approve modifications

No change orders were presented.

- J. Fixed Asset Disposal – to Approve Disposal

No assets for disposal were presented.

6. REGULAR AGENDA

A. CONSENT AGENDA ITEMS PULLED FOR DISCUSSION

5G. Environmental Education COVID-19 Policy – to approve policy

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

“THAT THE GOVERNING BOARD approve the Environmental Education COVID-19 Policy as revised and direct the Executive Director to implement this policy with an effective date of May 21, 2021.”

- B. FDEP Grant Approval for the Nano Bubble Ozone Technology (NBOT) Project in Jones Creek.

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

“THAT THE DISTRICT GOVERNING BOARD authorizes the Chairman to execute the Florida Department of Environmental Protection Grant Agreement #INV11 for the Nano Bubble Ozone Technology (NBOT) Treatment Project in Jones Creek, Jupiter, Florida.”

- C. Contract Approval with Green Water Solutions, LLC. for the Nano Bubble Ozone Technology (NBOT) Project in Jones Creek.

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

“THAT THE DISTRICT GOVERNING BOARD authorizes the Chairman to execute the attached contract upon receipt of the fully executed agreement #INV11 with the Florida Department of Environmental Protection and issue a purchase order in the amount of \$327,572 with Green Water Solutions, LLC. for the Nano Bubble Ozone Technology (NBOT) Treatment Project in Jones Creek, Jupiter, Florida.”

- D. Committee Substitute for House Bill 1035

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

“THAT THE GOVERNING BOARD authorize Chairman Boggie to sign and send the attached letter requesting Governor DeSantis’ support of CS for HB 1035.”

- E. Strategic Plan Implementation

No action taken

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 the Future Business report.

9. COMMENTS FROM THE BOARD

None

10. ADJOURNMENT

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

“That the regular meeting of May 20, 2021 adjourns at 8:10 PM.”

BOARD CHAIRMAN

BOARD SECRETARY

RECORDING SECRETARY



Loxahatchee River Watershed Status

Deep Injection Well – Mechanical Integrity Test

The District utilizes a Class I deep injection well (DIW) for disposal of highly treated effluent from the water reclamation facility and a blend of nano-concentrate from the Town of Jupiter nano-filtration water treatment plant. The injection well system consists of one (1) 24-inch diameter deep injection well, and two monitor wells (i.e., deep zone monitor well, and a dual-zone monitor well which monitors an intermediate zone and shallow zone). Each of the wells are located at the District's Wastewater Treatment Facility (WWTF) site.

The District's Deep Injection Well system has been in operation since 1986. The most recent Underground Injection Control (UIC) permit authorized by Florida Department of Environmental Protection (FDEP) was issued on May 27, 2020. The expiration date for the current permit is May 27, 2025. As part of the UIC permit the District is required to demonstrate and perform a mechanical integrity test (MIT) of the DIW at least once every five years. The requirements for MIT's are defined in Chapter 62-528, Florida Administrative Code (F.A.C.) and generally require the completion of a well video survey, casing pressure test, temperature log and radioactive tracer study. During this month's Watershed Status discussion Staff will provide information related to the specific tests required and the findings of the recently completed MIT for the District's DIW.




Installation of Packer for DIW Pressure Test



**Reinstallation of Deep
Injection Wellhead Piping**

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%	≥ (60)	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
2018 Baseline		112%	8	0	1,606	6.8	0	1,216	1	0.4	\$ 33,683,858	99%	85%	95%		42	23.1	1 > 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
2020	May	0%	0	0	4,028	7.3	0	1,461	0	0	\$ 35,110,453	102%	89%	90%		31	11.2	2 > 200
	June	0%	not avail	0	17,027; 1	8.0	0	986	0	0	\$ 34,561,002	101%	88%	90%		1	2.0	0 > 200
	July	0%	not avail	0	510; 0	6.2	1	1,169	0	0	\$ 34,611,807	100%	90%	85%		0	17.3	2 > 200
	Aug	0%	2	0	1,465; 0	6.8	0	1,168	1	1	\$ 35,735,564	100%	88%	85%		0	13.0	4 > 200
	Sept	8%	4	0	50; 0	6.9	0	1,221	0	0	\$ 35,344,038	100%	86%	75%		0	14.0	5 > 200
	Oct	18%	11	0	4,610; 0	7.7	0	1,156	0	0	\$ 35,398,326	93%	94%	100%	(12)	0	4.1	2 > 200
	Nov	48%	27	0	603; 0	7.6	0	991	0	0	\$ 37,051,051	94%	87%	100%	(15)	0	2.5	2 > 200
	Dec	44%	14	0	152; 0	7.3	0	1,051	0	0	\$ 37,259,395	102%	92%	100%	(19)	0	18.3	5 > 200
2021	Jan	55%	27	1*	642; 0	7.4	0	1,134	0	0	\$ 37,037,535	100%	88%	100%	(19)	0	21.7	0 > 200
	Feb	66%	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	94%	14	1	40; 0	7.3	0	1,467	0	0	\$ 39,571,784	98%	83%	75%	(25)	0	32.6	0 > 200
	Apr	136%	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	100%	12	0	612; 1	6.9	0	1,362	4	1	\$ 41,642,323	96%	86%	76%	(15)	0	32.1	1 > 200
Consecutive Months at Green		3	1	2	0	144	1	128	0	0	141	6	2	0	8	1	5	3
Metric Owner		O'Neill	Pugsley	Dean	Dean	Pugsley	Pugsley	Pugsley	Dean	Bains	Fraraccio	Fraraccio	Fraraccio	Dean	Dean	Howard	Howard	Howard

Metric	Explanation
Unauthorized Discharge	We had one unauthorized discharge of 580 gallons of sewage from two manholes on Sea Oats Drive. The spill was caused by a loss of power at LS117 and that flowed into a nearby stormwater system. We back pumped 7,500 gallons of liquid from the affected storm system using a vacuum truck, and placed warning signs near the affected stormwater pond.
Reclaimed Water	During May we had to exercise the curtailable IQ Water Agreements with four IQ Water customers. On May 24 and 25 we implemented a 100% cutback, and on May 26 and 27 we reduced the cutback to 50% for our curtailable customers. These curtailments have continued into June.
Employee Safety	A LRD Team Member hyper extended his knee while exiting his work truck onto uneven ground. The injury was recognized as OSHA recordable because physical therapy has been prescribed for treatment. The affected employee did not experience any lost time due to the injury.
Capital Projects	Six of 25 capital projects that we are tracking are not within budget; however, when assessing across all of our active capital projects we continue to remain within our overall capital budget amount (see Kris' report for more information).



LOXAHATCHEE RIVER DISTRICT

Celebrating 50 Years, 1971-2021

D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR

MEMORANDUM

Gordon M. Boggie
CHAIRMAN

TO: Governing Board
FROM: Administration Staff
DATE: June 17, 2021
SUBJECT: Consent Agenda

Stephen B. Rockoff
BOARD MEMBER

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.

Dr. Matt H. Rostock
BOARD MEMBER

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

James D. Snyder
BOARD MEMBER

- A. Thelma Avenue Final Assessment (Res. 2021-12)
- B. 197th Place North Final Assessment (Res. 2021-13)
- C. 18870+18890 SE Country Club Drive Final Assessment (Res. 2021-14)
- D. Gardiner Lane-18205 Final Assessment (Res. 2021-15)
- E. Change Orders – to approve modifications
- F. Fixed Asset Disposal – to approve disposal

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 June 17, 2021 as presented."

Signed,

D. Albrey Arrington, Ph.D.
Executive Director

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Jupiter, Florida 33458

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Water Reclamation - Environmental Education - River Restoration

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May 27, 2021

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

Re: Resolution 2021-12 and FINAL Assessment Roll for THELMA AVENUE

Dear Albrey:

Attached to this letter is Transfer of Property Lien, Resolution 2021-12, 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 June 17, 2021 meeting is as follows:
"THAT THE GOVERNING BOARD approve Resolution 2021-12 adopting the THELMA AVENUE FINAL Assessment Roll and Exhibits."

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RESOLUTION NO. 2021-12

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO THE **THELMA AVENUE** ASSESSMENT AREA IMPROVEMENTS; ADOPTING THE ASSESSMENT ROLL FOR **THELMA AVENUE** 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 **THELMA AVENUE** Assessment Area; and

WHEREAS, The District’s previous Resolutions **2019-12 & 2021-08** 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 JUNE, 2021 at 6:56 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. **2019-12 & 2021-08** 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 **2021-12**

Loxahatchee River Environmental Control District

Section 4. Availability for Connection and Required Connection.

The waste water and sewerage system was “Available” for connection in accordance with District Rule 31-3.003(3) and Florida Statutes 381.0065(2)(a) when the Florida Department of Health released the system for service on January 13, 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 JUNE, 2021.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT:
VOTE

GORDON M. BOGGIE, Chairman

STEPHEN B. ROCKOFF

DR. MATT H. ROSTOCK

JAMES D. SNYDER

Projects/Special/Assessmt/FinalResolution

EXHIBIT "A"
FINAL ASSESSMENT ROLL
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
THELMA AVENUE 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 **THELMA AVENUE** Assessment Area shall be **\$7,265.90** per parcel of property in the **THELMA AVENUE**

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 **THELMA AVENUE** Assessment Area identified on EXHIBIT "B" shall be currently assessed in the amount of **\$6,539.31**.

PAYMENT OF ASSESSMENT. As to Parcels of **THELMA AVENUE** Assessment Area Property in EXHIBIT "B", the **\$6,539.31** assessment may be paid, interest free, at the office of the District on or before May 1, 2022.

Owners who do not pay the \$6,539.31 assessment on or before May 1, 2022 shall have the \$6,539.31 principal added to the tax roll as a non-ad valorem assessment to accrue interest, beginning October 1, 2021, at five and twenty-five hundredths percent (5.25%) per annum, to be collected in twenty (20) equal annual installments of \$535.91, 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 THELMA AVENUE 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 JUNE, 2021, passed Resolution 2021-12 which is attached hereto, approving the non-ad valorem tax bill, AND TRANSFERRING THE RECORDED LIEN ON PROPERTIES IDENTIFIED AS BEING PART OF THE **THELMA AVENUE** 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 **2019-12**, recorded on **September 23, 2019 in Official Record Book 30905, Pages 494 through 500 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 JUNE 17, 2021, 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 June 17, 2021, 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

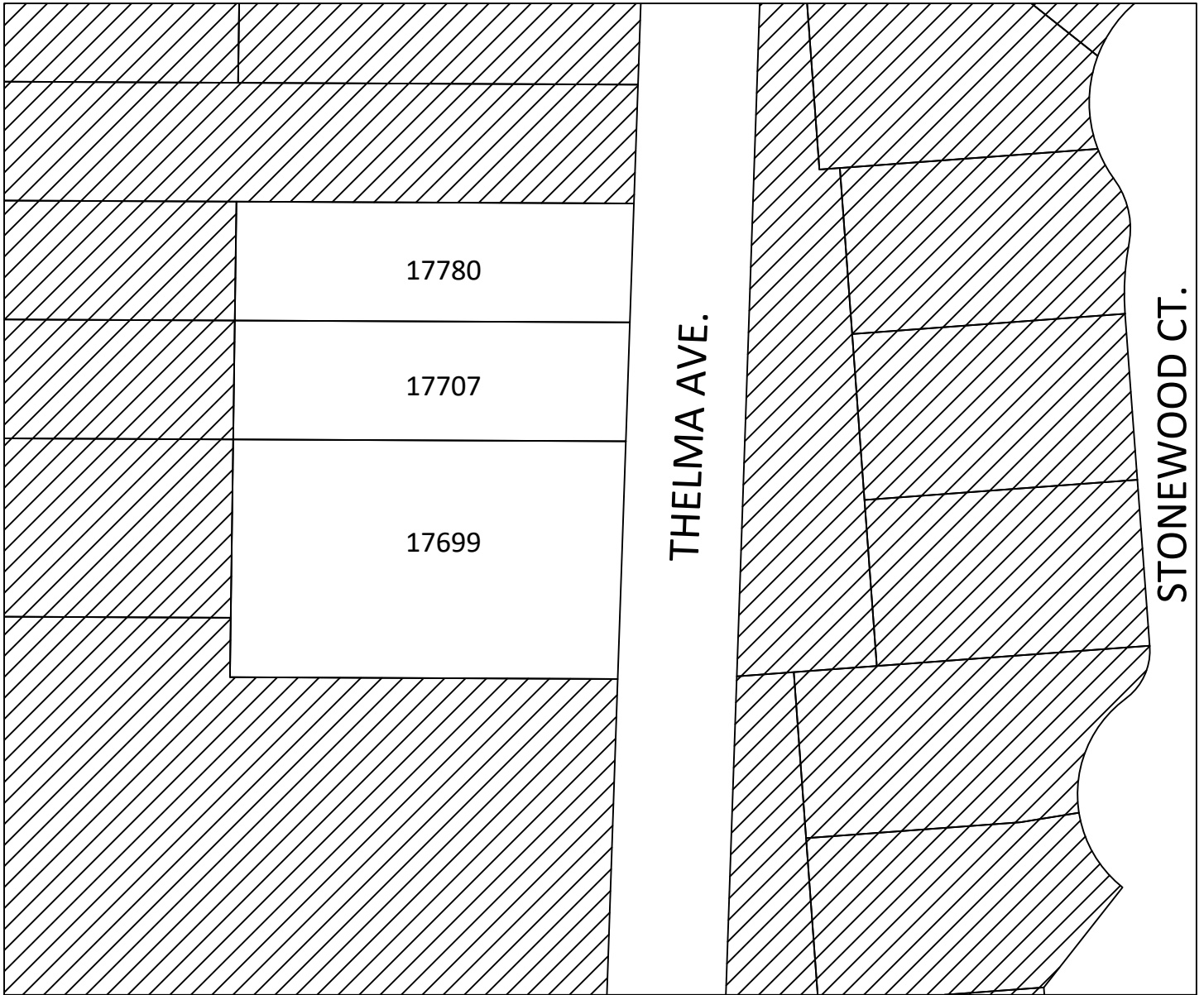
V:\SPECL\Assessmt\Final Asmt Forms & Instructions\Transfer of Property Lien.docx

Ms. Lindsay Montgomery
re: 17780 Thelma Ave
PO Box 9053
Jupiter FL 33468
30-42-41-03-06-000-0860

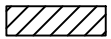
Mr. & Mrs. J A Hall
re: 17707 Thelma Ave
PO Box 1374
Jupiter FL 33468
30-42-41-03-06-000-0870

Thelma Holdings LLC
re: 17699 Thelma Ave
1665 Palm Bch Lakes Blvd, 1000
W Palm Beach FL 33401
30-42-41-03-06-000-0880

EXHIBIT "B"
THELMA AVENUE NEIGHBORHOOD
LOW PRESSURE SEWER SYSTEM
ASSESSMENT AREA



LEGEND



NOT IN ASSESSMENT AREA

PALM BEACH COUNTY

8/22/2019

Curtis Shenkman, P.A.

Curtis@PalmBeachLawyer.Law
Judy@PalmBeachLawyer.Law
Melissa@PalmBeachLawyer.Law
Denise@PalmBeachLawyer.Law

Board Certified Real Estate Attorney
Embassy Suites Office Tower
4400 PGA Blvd, Suite 301
Palm Beach Gardens, FL 33410

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

May 27, 2021

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

Re: Resolution 2021-13 and FINAL Assessment Roll for 197th PLACE NORTH

Dear Albrey:

Attached to this letter is Transfer of Property Lien, Resolution 2021-13, 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 June 17, 2021 meeting is as follows:

"THAT THE GOVERNING BOARD approve Resolution 2021-13 adopting the 197th PLACE NORTH FINAL Assessment Roll and Exhibits."

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RESOLUTION NO. 2021-13

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO THE **197th PLACE NORTH** ASSESSMENT AREA IMPROVEMENTS; ADOPTING THE ASSESSMENT ROLL FOR **197th PLACE NORTH** 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 **197th PLACE NORTH** Assessment Area; and

WHEREAS, The District’s previous Resolutions **2015-03 & 2021-09** 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 JUNE, 2021 at 6:57 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. **2015-03 & 2021-09** 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 **2021-13**

Loxahatchee River Environmental Control District

Section 4. Availability for Connection and Required Connection.

The waste water and sewerage system was “Available” for connection in accordance with District Rule 31-3.003(3) and Florida Statutes 381.0065(2)(a) when the Florida Department of Health released the system for service on January 13, 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 JUNE, 2021.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT:
VOTE

GORDON M. BOGGIE, Chairman

STEPHEN B. ROCKOFF

DR. MATT H. ROSTOCK

JAMES D. SNYDER

Projects/Special/Assessmt/FinalResolution

EXHIBIT "A"
FINAL ASSESSMENT ROLL
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
197th PLACE NORTH 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 **197th PLACE NORTH** Assessment Area shall be **\$ 8,108.28** per parcel of property in the **197th PLACE NORTH** Area.

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

PAYMENT OF ASSESSMENT. As to Parcels of **197th PLACE NORTH** Assessment Area Property in EXHIBIT "B", the **\$ 7,297.45** assessment may be paid, interest free, at the office of the District on or before May 1, 2022.

Owners who do not pay the \$ 7,297.45 assessment on or before May 1, 2022 shall have the \$ 7,297.45 principal added to the tax roll as a non-ad valorem assessment to accrue interest, beginning October 1, 2021, at five and twenty-five hundredths percent (5.25%) per annum, to be collected in twenty (20) equal annual installments of \$ 598.04, 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 197th PLACE NORTH 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 JUNE, 2021, passed Resolution 2021-13 which is attached hereto, approving the non-ad valorem tax bill, AND TRANSFERRING THE RECORDED LIEN ON PROPERTIES IDENTIFIED AS BEING PART OF THE **197th PLACE NORTH** 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 **2015-03, recorded on March 23, 2015 in Official Record Book 27416, Pages 1215 through 1221 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 JUNE 17, 2021, 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 June 17, 2021, 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

V:\SPECL\Assessmt\Final Asmt Forms & Instructions\Transfer of Property Lien.docx

Mr. & Mrs. Mathew Pfohl
6578 197th PI N
Jupiter FL 33458
re: 6578 197th PI N
00-42-40-27-00-000-3100

Mr. & Mrs. Andrew Parkey
6546 197th PI N
Jupiter FL 33458
re: 6546 197th PI N
00-42-40-27-21-001-0000

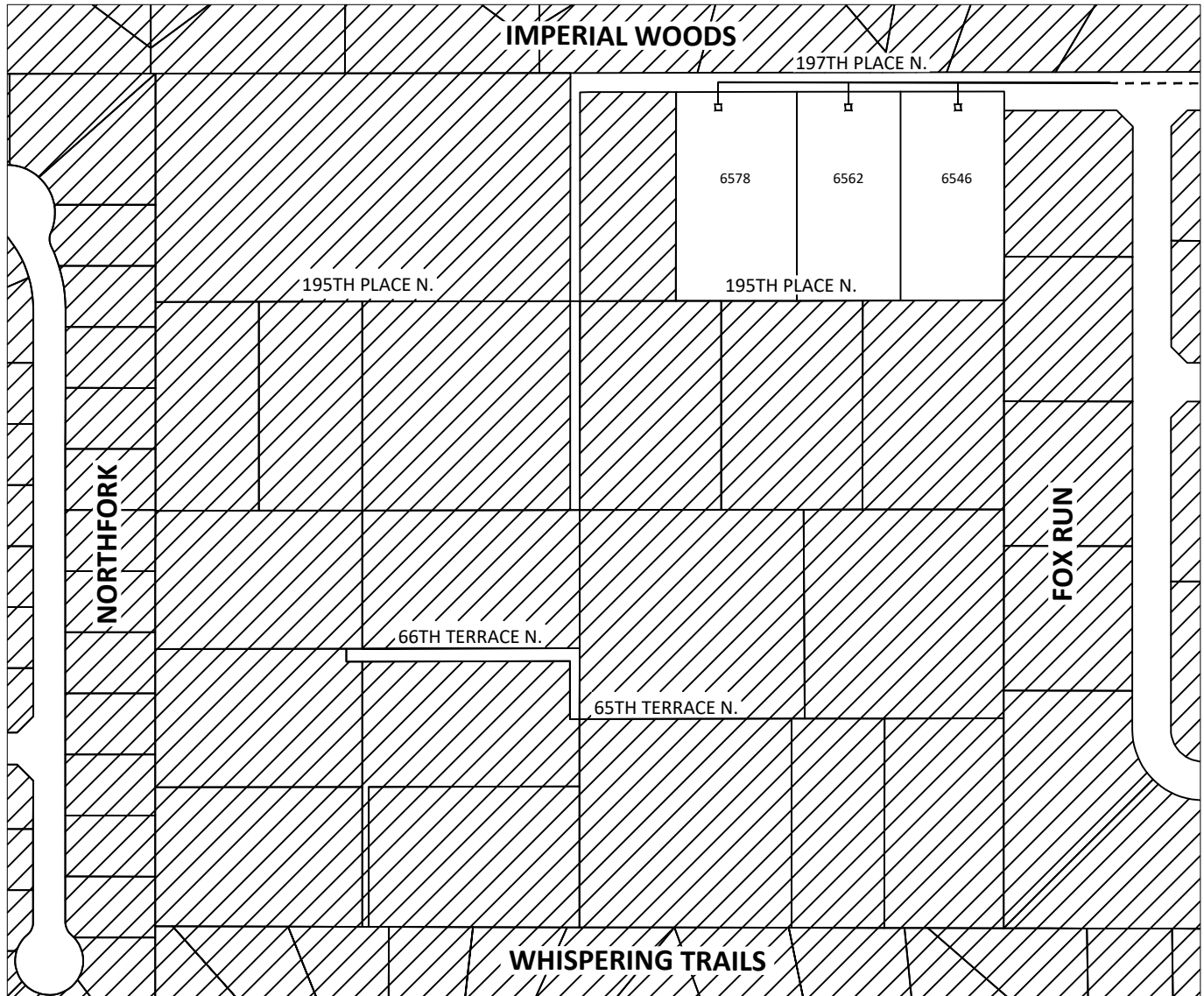
Ms. Lysia Stonemetz
6562 197th PI N
Jupiter FL 33458
re: 6562 197th PI N
00-42-40-27-21-002-0000

EXHIBIT "B-1"

197TH PLACE N.

NEIGHBORHOOD SEWER SYSTEM

ASSESSMENT AREA



LEGEND

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

UNINCORPORATED
JUPITER, FLORIDA

Curtis Shenkman, P.A.

Curtis@PalmBeachLawyer.Law
Judy@PalmBeachLawyer.Law
Melissa@PalmBeachLawyer.Law
Denise@PalmBeachLawyer.Law

Board Certified Real Estate Attorney
Embassy Suites Office Tower
4400 PGA Blvd, Suite 301
Palm Beach Gardens, FL 33410

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

May 27, 2021

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

Re: Resolution 2021-14 and FINAL Assessment Roll for 18870+18890 SE COUNTRY CLUB DRIVE

Dear Albrey:

Attached to this letter is Transfer of Property Lien, Resolution 2021-14, 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 June 17, 2021 meeting is as follows:
"THAT THE GOVERNING BOARD approve Resolution 2021-14 adopting the 18870+18890 SE COUNTRY CLUB DRIVE FINAL Assessment Roll and Exhibits."

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RESOLUTION NO. 2021-14

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO THE **18870+18890 SE COUNTRY CLUB DRIVE** ASSESSMENT AREA IMPROVEMENTS; ADOPTING THE ASSESSMENT ROLL FOR **18870+18890 SE COUNTRY CLUB DRIVE** ASSESSMENT AREA IMPROVEMENTS; CONFIRMING SAID SPECIAL ASSESSMENT ROLL AS ATTACHED HERETO AS EXHIBITS “A” AND “B”; PROVIDING FOR ELLIS RULE COMPLIANCE; PROVIDING FOR DECLARING LINE AVAILABLE FOR CONNECTION; PROVIDING THE SPECIAL ASSESSMENTS SHALL BE COLLECTED AS NON-AD VALOREM SPECIAL ASSESSMENTS ON THE REAL ESTATE TAX BILL; AUTHORIZING THE DISTRICT CLERK TO PREPARE AND DELIVER THE NON-AD VALOREM SPECIAL ASSESSMENT ROLL TO THE PALM BEACH COUNTY AND MARTIN COUNTY PROPERTY APPRAISERS, TAX COLLECTORS, AND FLORIDA DEPARTMENT OF REVENUE; PROVIDING FOR CONSISTENCY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District”) has authorized the sewer improvements constructed in the **18870+18890 SE COUNTRY CLUB DRIVE** Assessment Area; and

WHEREAS, The District’s previous Resolutions **2018-32 & 2021-10** 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 JUNE, 2021 at 6:58 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. **2018-32 & 2021-10** 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 **2021-14**

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 May 17, 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 JUNE, 2021.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT:
VOTE

GORDON M. BOGGIE, Chairman

STEPHEN B. ROCKOFF

DR. MATT H. ROSTOCK

JAMES D. SNYDER

Projects/Special/Assessmt/FinalResolution

EXHIBIT "A"
FINAL ASSESSMENT ROLL
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
18870+18890 SE COUNTRY CLUB DRIVE 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 **18870+18890 SE COUNTRY CLUB DRIVE** Assessment Area shall be \$ **7542.38** per parcel of property in the **18870+18890 SE COUNTRY CLUB DRIVE** Area.

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

PAYMENT OF ASSESSMENT. As to Parcels of **18870+18890 SE COUNTRY CLUB DRIVE** Assessment Area Property in EXHIBIT "B", the \$ **6788.14** assessment may be paid, interest free, at the office of the District on or before May 1, 2022.

Owners who do not pay the \$ 6788.14 assessment on or before May 1, 2022 shall have the \$ 6788.14 principal added to the tax roll as a non-ad valorem assessment to accrue interest, beginning October 1, 2021, at five and twenty-five hundredths percent (5.25%) per annum, to be collected in twenty (20) equal annual installments of \$ 556.30, 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 18870+18890 SE COUNTRY CLUB DRIVE
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 JUNE, 2021, passed Resolution 2021-14 which is attached hereto, approving the non-ad valorem tax bill, AND TRANSFERRING THE RECORDED LIEN ON PROPERTIES IDENTIFIED AS BEING PART OF THE **18870+18890 SE COUNTRY CLUB DRIVE** AREA LISTED IN THE FOLLOWING DOCUMENTS, as recorded in the Public Records of **MARTIN** County, Florida:

1. Pending Lien Notice of Intent to Assess, and Resolution **2018-32**, recorded on **December 14, 2018** in **Official Record Book 3031, Pages 2754 through 2760** in the Public Records of **MARTIN 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 JUNE 17, 2021, 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 June 17, 2021, 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)

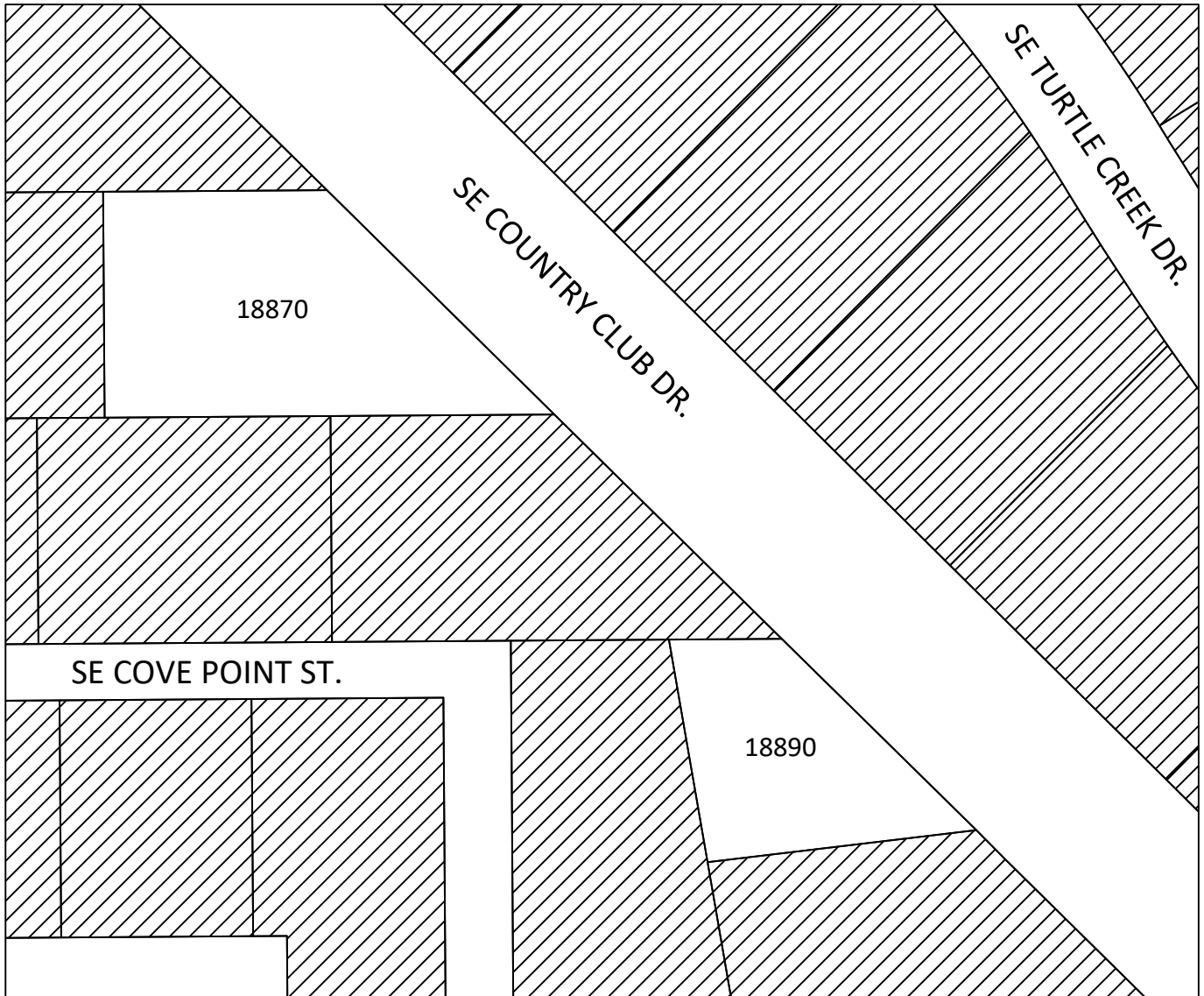
NOTARY PUBLIC, STATE OF FLORIDA

V:\SPECL\Assessmt\Final Asmt Forms & Instructions\Transfer of Property Lien.docx

Mr. & Mrs. Michael Baldwin
re: 18870 SE Country Club Dr
18870 SE Country Club Dr
Tequesta FL 33469
22-40-42-000-014-00072-6

Mr. & Mrs. Ronnie Altilio
re: 18890 SE Country Club Dr
18890 SE Country Club Dr
Tequesta FL 33469
22-40-42-007-000-00010-3

EXHIBIT "B"
18870 & 18890 SE COUNTRY CLUB DRIVE
LOW PRESSURE SEWER SYSTEM
ASSESSMENT AREA



LEGEND

 NOT IN ASSESSMENT AREA

TEQUESTA, FLORIDA

12-03-2018

SE CCD

Curtis Shenkman, P.A.

Curtis@PalmBeachLawyer.Law
Judy@PalmBeachLawyer.Law
Melissa@PalmBeachLawyer.Law
Denise@PalmBeachLawyer.Law

Board Certified Real Estate Attorney
Embassy Suites Office Tower
4400 PGA Blvd, Suite 301
Palm Beach Gardens, FL 33410

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

May 27, 2021

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

Re: Resolution 2021-15 and FINAL Assessment Roll for GARDINER LANE 18205

Dear Albrey:

Attached to this letter is Transfer of Property Lien, Resolution 2021-15, 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 June 17, 2021 meeting is as follows:

"THAT THE GOVERNING BOARD approve Resolution 2021-15 adopting the GARDINER LANE 18205 FINAL Assessment Roll and Exhibits."

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RESOLUTION NO. 2021-15

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO THE **GARDINER LANE-18205** ASSESSMENT AREA IMPROVEMENTS; ADOPTING THE ASSESSMENT ROLL FOR **GARDINER LANE-18205** 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 **GARDINER LANE-18205** Assessment Area; and

WHEREAS, The District’s previous Resolutions **2019-11 & 2021-11** 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 JUNE, 2021 at 6:59 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. **2019-11 & 2021-11** 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 **2021-15**

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 Loxahatchee River District released the system for service on May 17, 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 JUNE, 2021.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT:
VOTE

GORDON M. BOGGIE, Chairman

STEPHEN B. ROCKOFF

DR. MATT H. ROSTOCK

JAMES D. SNYDER

Projects/Special/Assessmt/FinalResolution

EXHIBIT "A"
FINAL ASSESSMENT ROLL
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
GARDINER LANE-18205 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 **GARDINER LANE-18205** Assessment Area shall be \$ **6,547.00** per parcel of property in the **GARDINER LANE-18205** Area.

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

PAYMENT OF ASSESSMENT. As to Parcels of **GARDINER LANE-18205** Assessment Area Property in EXHIBIT "B", the \$ **5,892.30** assessment may be paid, interest free, at the office of the District on or before May 1, 2022.

Owners who do not pay the \$ 5,892.30 assessment on or before May 1, 2022 shall have the \$ 5,892.30 principal added to the tax roll as a non-ad valorem assessment to accrue interest, beginning October 1, 2021, at five and twenty-five hundredths percent (5.25%) per annum, to be collected in twenty (20) equal annual installments of \$ 482.89, 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 GARDINER LANE 18205 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 JUNE, 2021, passed Resolution 2021-15 which is attached hereto, approving the non-ad valorem tax bill, AND TRANSFERRING THE RECORDED LIEN ON PROPERTIES IDENTIFIED AS BEING PART OF THE **GARDINER LANE 18205** 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 **2019-11, recorded on June 19, 2019 in Official Record Book 30967, Pages 265 through 271 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 JUNE 17, 2021, 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 June 17, 2021, 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

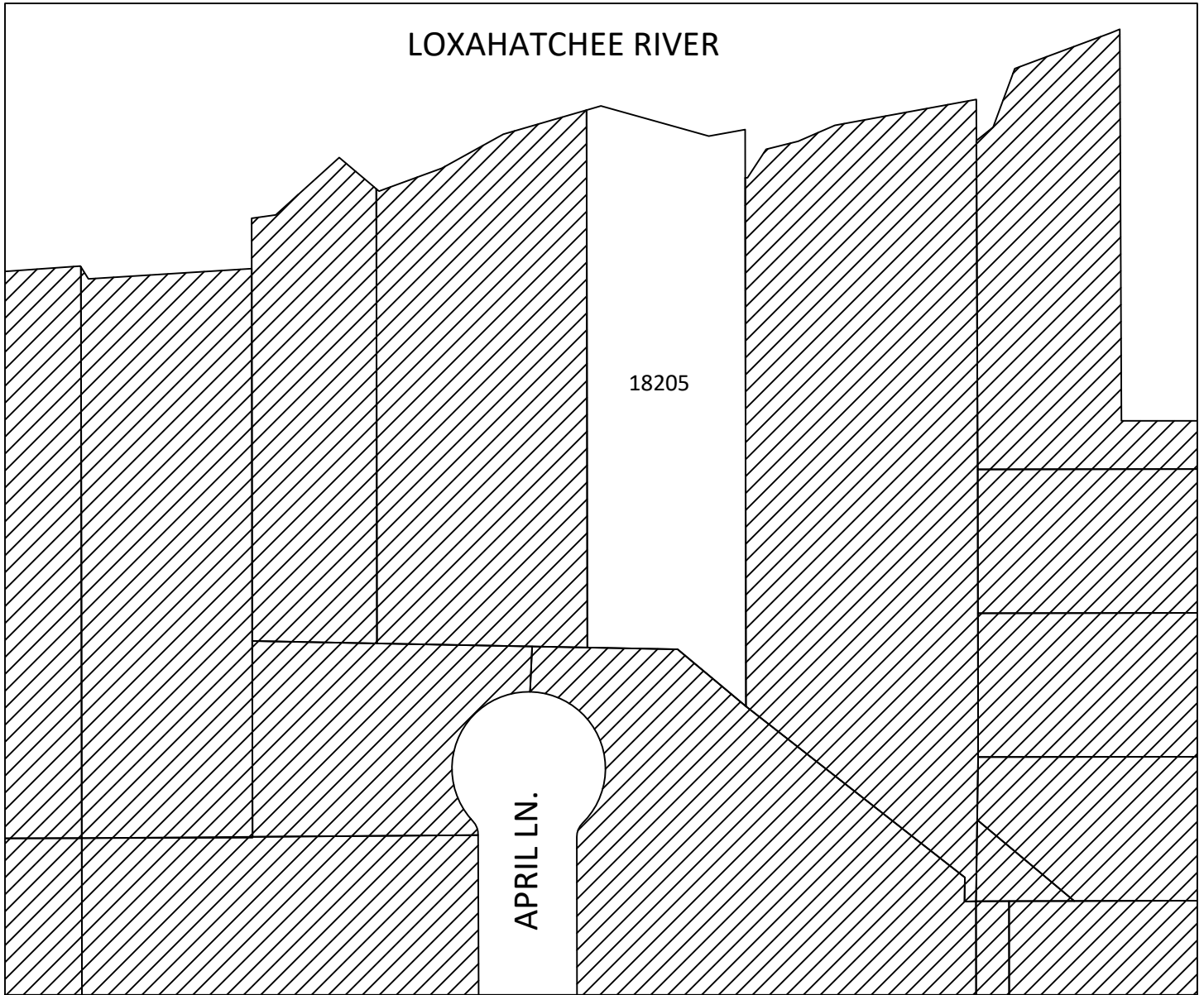
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Mr. Craig Keller
18205 Gardiner Ln
Jupiter FL 33458
re: 18205 Gardiner Ln
00-42-40-36-00-005-0130

EXHIBIT "B"
18205 GARDINER LANE
LOW PRESSURE SEWER SYSTEM
ASSESSMENT AREA



N.T.S.



LEGEND



NOT IN ASSESSMENT AREA

PALM BEACH COUNTY

8/22/2019



Change Orders

No Change Orders are presented
for Board consideration this month.





Fixed Asset Disposal

No Fixed Assets are presented for Disposal this month.

J:\Board\Notebook\Change Orders-None



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LOXAHATCHEE RIVER DISTRICT

Celebrating 50 Years, 1971-2021

MEMORANDUM

D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR

Gordon M. Boggie
CHAIRMAN

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

James D. Snyder
BOARD MEMBER

TO: GOVERNING BOARD
FROM: GORDON M. BOGGIE, CHAIRMAN
DATE: JUNE 10, 2021
SUBJECT: BUSCH WILDLIFE SANCTUARY REQUEST FOR
LICENSE AGREEMENT RENEWAL

I received the attached letter from Peter Busch, Chair of Busch Wildlife Sanctuary requesting both organizations meet to consider a mutually agreeable extension of the Restated License Agreement.

The existing Restated License Agreement states

"2. This License Agreement will commence on March 22, 2021 (the "Commencement Date"). The Term of the License Agreement is ONE (1) year from March 22, 2021 to March 21, 2022. This License Agreement may be renewed for an additional one (1) year period if mutual agreement is executed, in writing, by LRD and Busch. Either party may decide not to renew the License Agreement. No cause is necessary to not renew."

Thus, if Governor DeSantis signs CS for HB 1035 into law, and the LRD Governing Board desires to extend the BWS Restated License Agreement for one year, the LRD Governing Board could pass a simple motion authorizing renewal of the license agreement for the additional one-year period (from March 22, 2022 to March 21, 2023). Therefore, it is my recommendation that this matter be postponed until after Governor DeSantis signs CS/HB 1035, our revised enabling act, into law.

Nonetheless, it may be worthwhile to engage Busch Wildlife Sanctuary to better understand their proposed timeline associated with their relocation to their new property in Jupiter Farms.

I request your consideration of the following motion:

"THAT THE DISTRICT GOVERNING BOARD postpone further consideration of extending the LRD-BWS Restated License Agreement until Governor DeSantis signs CS/HB 1035 into law."

2500 Jupiter Park Drive
Jupiter, Florida 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

loxahatcheeriver.org

Water Reclamation - Environmental Education - River Restoration



BUSCH WILDLIFE SANCTUARY

At Loxahatchee River District

WHERE NATIVE IS NURTURED



May 11, 2021

Gordon M. Boggie, Chairman
Loxahatchee River District
2500 Jupiter Park Drive
Jupiter, Florida 33458-8962
gordonboggie@lrecd.org

RE: Restated License Agreement between The Busch Wildlife Sanctuary, Inc. and the Loxahatchee River District

Dear Mr. Chairman/Gordon,


Although we are only a few months into the new term of the Restated License Agreement with LRD, it is becoming increasingly clear to the BWS Board of Directors that due to circumstances beyond our control, it will be difficult to accomplish a move of the sanctuary from the LRD property to the new BWS campus within the one-year term of the Restated License. Among the significant obstacles we are currently facing, primarily related to the COVID-19 and the effects of the pandemic, are:

- Regulatory agencies such as Palm Beach County, South Florida Water Management District and Department of Environmental Protection are running substantially behind on issuing permits due to staffing issues with COVID.
- Supplies and materials such as windows and appliances are also experiencing longer wait times to receive, some up to 24 weeks.
- Timber is at a premium as the demand is at record levels causing prices to rise 130% from pre-pandemic pricing.

I propose that it would be best for both organizations to meet now to start to consider a mutually agreeable one-year extension to the Restated License as provided for in Section I. 2. of the agreement. I look forward to your reply, and the opportunity to move this effort forward together.

Sincerely,

THE BUSCH WILDLIFE SANCTUARY, INC.


Peter W. Busch, Chair

buschwildlife.org | 561.575.3399 | 2500 Jupiter Park Drive, Jupiter, FL 33458



LOXAHATCHEE RIVER DISTRICT

Celebrating 50 Years, 1971-2021

MEMORANDUM

D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR

TO: GOVERNING BOARD
FROM: D. ALBREY ARRINGTON, Ph.D.
DATE: JUNE 9, 2021
SUBJECT: STRATEGIC PLAN IMPLEMENTATION

Gordon M. Boggie
CHAIRMAN

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

James D. Snyder
BOARD MEMBER

In 2018 the Loxahatchee River Environmental Control District (LRD) Governing Board, staff, and Mr. Jack Steele, our management consultant, drafted a Strategic Plan, which was approved by the Governing Board in September 2018. Nearly three years have passed since then, and I believe it is time for a review of the progress we have made towards our defined and ranked strategic initiatives.

Mission: *We are dedicated to protecting public health and preserving the Loxahatchee River watershed and its natural habitats through innovative wastewater solutions, research, and environmental stewardship.*

Vision: *Inspiring and achieving a healthy environment*

Core Values: *These values will shape and guide our day-to-day actions and our relationships with co-workers, customers, partners, and stakeholders.*

Spirit of service to our community and the environment: *We willingly work with a sense of diligence and devotion, because we understand the importance of our work.*

Integrity: *Our actions are intentionally honest and morally upright.*

Innovation: *We actively seek better ways to do things and embrace the possibility of new ideas and novel approaches.*

Positive attitude: *We bring a positive frame of mind to each challenge, task, or appointment.*

Respect for others: *We regard others as equals, and we treat others as we would like to be treated.*

2500 Jupiter Park Drive
Jupiter, Florida 33458

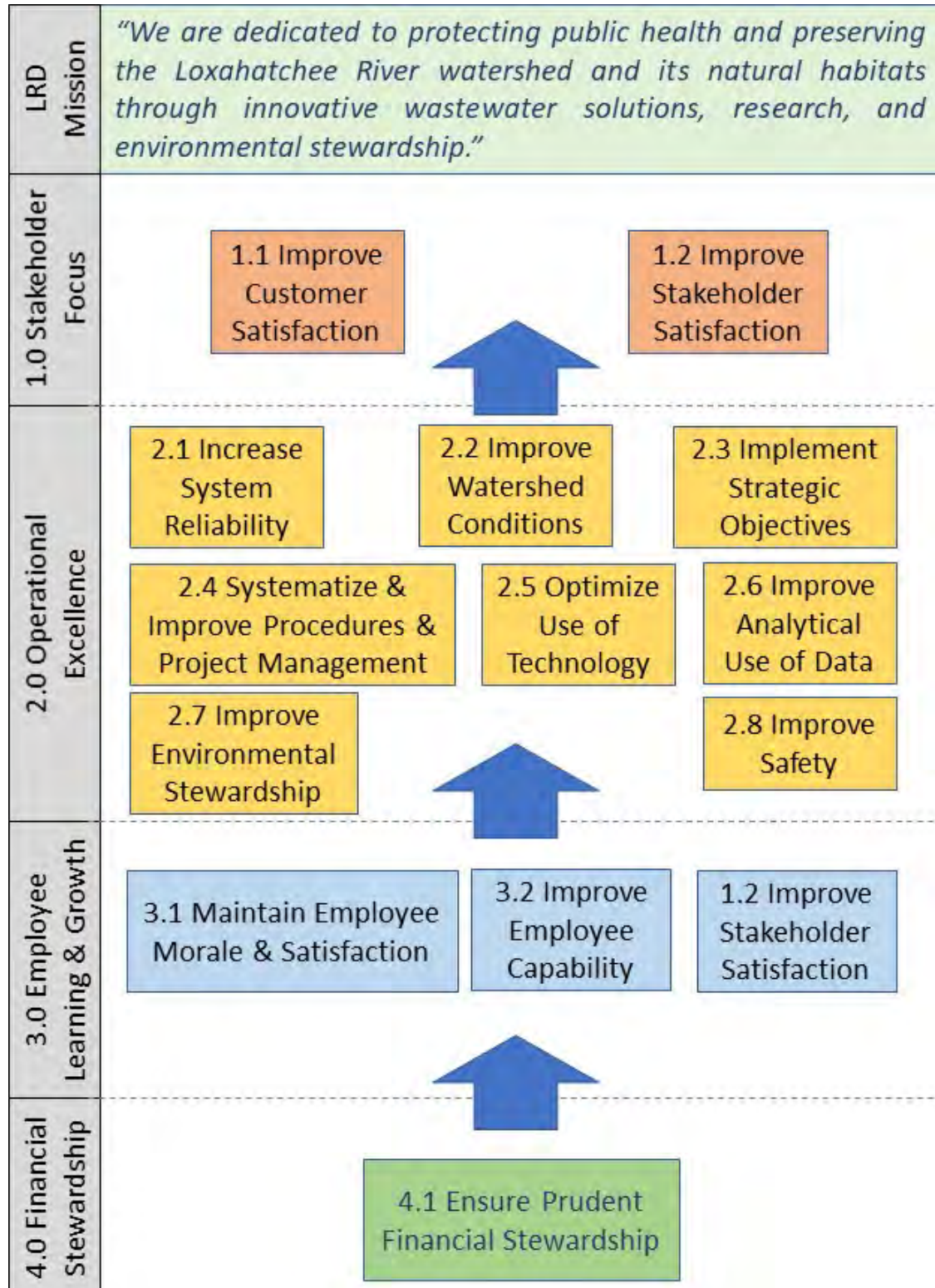
TEL: (561) 747-5700

FAX: (561) 747-9929

loxahatcheeriver.org

Water Reclamation - Environmental Education - River Restoration

2018 LRD Strategy Map. This Strategy Map shows LRD's key strategic objectives as identified and prioritized in our 2018 Strategic Plan.



Positive Work Environment: *We encourage and support our colleagues, and we promote an open, constructive dialog to identify solutions.*

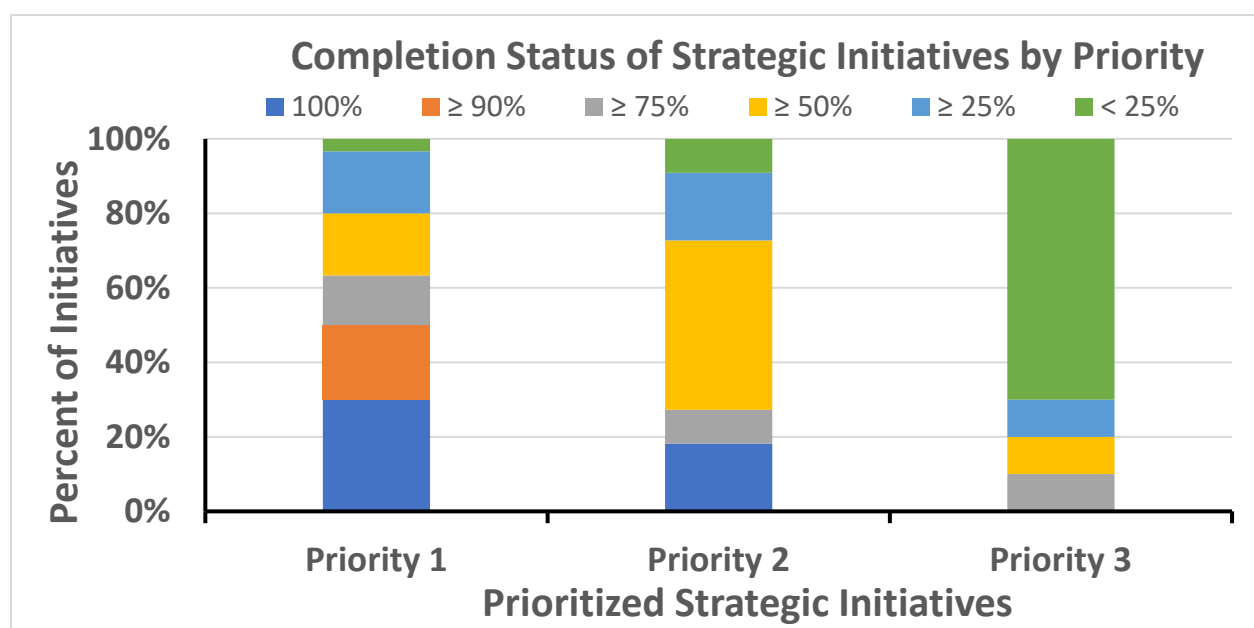
Lean: *We seek to be effective and efficient in all we do. We value nimble and streamlined processes and seek to minimize bureaucracy. We share our ideas to fuel improvement.*

Collaboration: *Our greatest successes come when we work as a team. We eagerly collaborate with colleagues throughout the District, sister governments, and others to advance our mission.*

Safety: *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.*

On the prior page I provided our 2018 Strategy Map, which is my favorite way to view our high-level strategic objectives. Our Strategy Map shows four strategic objectives, and under each strategic objective, we identified and prioritized strategic initiatives. In total our 2018 Strategic Plan included 52 strategic initiatives, 30 (58%) were priority 1 (highest priority), 12 (23%) were priority 2, and 10 (19%) were priority 3 (i.e., lowest priority).

The chart immediately below shows the completion status of all prioritized strategic initiatives grouped by priority. For example, 30% of Priority 1 strategic initiatives are 100% complete, 50% of Priority 1 initiatives are more than 90% complete, and only 1 of the 30 Priority 1 strategic initiatives remain less than 25% complete. The average completion status across all Priority 1 initiatives is 72%, Priority 2 initiatives is 54%, and Priority 3 initiatives is 20%. On the following pages I review our standing on each of our strategic initiatives.



Initiative #	Initiatives	Priority Rank	% Complete	Status Discussion
1.1c	Implement customer service survey	P1	100%	Implemented; available online and communicated to customers in multiple ways
1.1b	Improve ability to communicate with customers during emergencies	P1	50%	New tools implemented; systematically collecting contact information (cell phone numbers and email addresses)
1.2c	Establish strategic planning process	P1	100%	Complete
1.2b	Establish Mission, Vision, Values	P1	100%	Complete
2.1a1	Develop comprehensive rehabilitation program for all assets; Refine preventative maintenance/rehabilitation/replacement program to include all assets with effort based on industry standards, failure analysis, and cost considerations.	P1	25%	Looking throughout the District (engineering, construction, collections, reuse and the plant) we are laying the groundwork in EAM to do this. While it has taken us 3 years to achieve 25%, staff expect the next 75% to be completed in the next 12 to 18 months months.
2.1b1	Improve Master Plan for collection and transmission systems; Schedule system rehabilitation in context of master plan	P1	50%	We are currently working on the hydraulic model that will complete modeling of our primary backbone force main system as part of the Master Lift Station Bypass Study. Completion of this study and hydraulic model will be the basis for evaluating the transmission system for future rehabilitation, modification and improvement. We are working on a gravity system cleaning/evaluation program utilizing sonar technology that will allow us to provide a high level evaluation of the complete collection system within 5 years. This data will be evaluated along with our failure analysis from EAM to guide our collection system rehabilitation projects moving forward. We have implemented Lift Station Preventative Maintenance, inspection and rehabilitation procedures in EAM with required work flow.
2.1b2	Improve Master Plan for collection and transmission systems; Respond to redevelopment in context of master plan (contribute resources to achieve larger vision of collection and transmission system improvements)	P1	50%	See comment above
2.1b3	Improve Master Plan for collection and transmission systems; Evaluate impact of each new development on existing collection/transmission facilities.	P1	25%	Both 2.1b2 and 2.1b3 need the MLS Bypass Study and Hydraulic Model which includes general population growth and projected flow distribution from BEBR/TAZ data. When complete an understanding of current and projected needs of the backbone force main system should be complete (using 4 separate models). From these models we can then evaluate local planned development impacts to specific infrastructure.
2.2b	Complete neighborhood sewerage	P1	99%	Main areas and remnant areas are ontrack to be complete; significant progress has been made on private road areas.
2.4a2	Expand use of project management systems and tools; Require Project Summary Worksheet for budgeted capital projects	P1	100%	Complete
2.4a1	Expand use of project management systems and tools; Require Initiative Charter for budget consideration of capital projects	P1	100%	Complete
2.4b	Improve documentation and systematic review of policies	P1	95%	All known policies have been reviewed and documented. We are now working to identify additional needed policies.
2.4d	Improve documentation and systematic review of procedures	P1	50%	Ongoing - we have modified the way we document procedures to improve accessibility and functionality, and procedure documentation is being integrated into employee goals throughout the organization.
2.4e	Expand project planning and project management tools throughout the organization	P1	75%	Within the capital and developer programs we have implemented Primavera P6 schedule procedures as well as project inspection and final closeout procedures in InforEAM. Training is ongoing, but the program is complete. When 2.1b is complete additional planning will be implemented in both the capital and developer programs.
2.5b	Improve computer training (Lack of familiarity with general computer systems, eg, EAM, Word, Excel, Collector App, GIS)	P1	75%	Regular training provided and proven beneficial (ex. security training); Need to develop annual training plan and schedule.
2.5c	Implement remote monitoring at all Lift Station	P1	10%	We have entered into the engineering services contract for design and construction services. The construction contract is scheduled for award by the end of 2021 and completion by the end of 2023.
2.5d	Proactively map all LRD assets	P1	100%	Procedures are in place to map all new and rehabilitated assets. Additionally procedures are in place to correct GIS data on existing infrastructure.
2.6d	Establish uniform Departmental dashboards	P1	90%	There are dashboards, formatted like the Executive Dashboard, for most divisions. Recent advances in InforEAM and understanding of KPI's will result in upgrades to several dashboard.
2.6a	Improve use & integration of databases	P1	75%	Strong integration and utilization of most data systems; Opportunities still in Finance, GIS and EAM.
2.6c	Maintain Integration of Technology	P1	75%	We continue to be progressive with our utilization of technology relative to our peers.
2.7a	Re-vision the River Center	P1	25%	Waiting on Governor to sign our revised enabling act into law
2.8a	Improve Safety Policies & Procedures	P1	98%	Ongoing with excellent progress, see TRIR in latest Board Notebook.

Initiative #	Initiatives	Priority Rank	% Complete	Status Discussion
3.1b	Maintain Attitude, diverse knowledge, motivation, tenure, willingness to accept change, Team Mentality	P1	50%	Existing staff and new hires have shown a strong commitment to advancing the District's mission in the face of significant obstacles (e.g., COVID-19).
3.1a	Need to maintain high staff morale	P1	100%	Will reassess in 2021 via employee survey.
3.1d	Maintain Quality Staff	P1	90%	Select new hires and promotions have improved the quality of our team. Open positions are keeping us from being at 100%.
3.1e	Assess employee satisfaction and engagement	P1	100%	Ongoing, bi-annual employee surveys show positive results
3.2a1	Transfer long-term knowledge to new employees; Use technology (e.g., GIS, EAM) to capture legacy knowledge and train employees	P1	100%	We have successfully made it through a major wave of critical employee turnover.
3.2a2	Transfer long-term knowledge to new employees; Use cross-training to improve employees' skill sets	P1	33%	Long term staff are regularly paired with newer employees as part of the on-boarding and initial training process to aide in the transfer of institutional knowledge. Staff responsibilities are regularly rotated to increase the knowledge base and skill set of each Staff member.
3.3a	Improve EAM reporting at all levels	P1	25%	Looking throughout the District (construction, collections, reuse and the plant) we are laying the groundwork in EAM to do this. While we have only achieved 25% in the last 3 years, staff expect the final 75% to occur in the next 12-18 months.
4.1a	Continuously improve the Rate Study	P1	95%	Major improvements have been implemented, and will be further improved in 2022 through rate consultant.
1.1d	Track and analyze customer complaints (capture ALL complaints; divide among root causes)	P2	100%	Complete
1.2a	Assure that IQ (reuse) water is available to fulfill contracted quantities for existing customers and develop new supplies and opportunities where economically feasible.	P2	25%	Should split into two initiatives (1) maximizing use of existing water; (2) developing new supplies/opportunities. Maximizing use of existing water will be completed this fiscal year. Developing new supplies/opportunities will be a multi-year effort.
2.1a3	Develop comprehensive rehabilitation program for all assets; System Failure leading to customer/regulatory issues	P2	50%	Rehabilitation Programs: Gravity System Lining Programs, AC Pipe Replacement, Lift Station Rehabilitation are in place with strong progress being made. We are beginning the process of evaluating ARV's, valves, aerals, MHs, gravity systems as we begin planning for rehabilitation of these assets.
2.1c	Develop emergency response plans for high risk assets; Develop an emergency response plan for assets with high risk scores	P2	50%	System evaluation, upgrades and improvements (complete and ongoing) include repump functions for LS082 and LS114, Alternate A1A/Damon Bridge FM, 24" Subaqueous Cleaning and TV Inspection, Country Club Dr Cascading System Evaluation, MLS Bypass Study, Various Permanent Standby Emergency Generators. Pending work includes formal written SOPs.
2.3a	Develop plan for western 20 acres	P2	25%	Waiting on Governor to sign our revised enabling act into law
2.3b	Develop long-term site plan for 2500 Jupiter Park Drive	P2	10%	Waiting on Governor to sign our revised enabling act into law
2.4c	Develop comprehensive list of SOPs with schedule for reevaluation	P2	50%	Ongoing - we have modified the way we document procedures to improve accessibility and functionality, and procedure documentation is being integrated into employee goals throughout the organization.
2.5a	Implement a new payroll timekeeping system	P2	100%	Complete
2.6e	Implement systematic, monthly dashboard reviews	P2	50%	Dashboards are populated and reviewed monthly in most divisions. Currently, most supervisors are not maintaining a dashboard though they participate in monthly dashboard reviews. Over the coming months staff will continue our improved use of dashboards and their internal review.
2.7b	Improve targeted, educational programs	P2	75%	COVID-19 caused chaos, but has forced reassessment of programs and implementation of new socially distanced and online programs.
3.1c	Evaluate staffing needs among Departments (Workload is very high).	P2	50%	We have replaced key staff since 2018 (e.g., Plant Manager, Collections System Supervisor, Engineer) and reorganized certain groups (e.g., Construction). We have assessed and reassessed staffing needs and are actively working to fill key job openings, e.g., Construction Manager.
3.3b	Improve dashboard review and discussion at Division and Department levels	P2	60%	The Board Notebook and Executive Dashboard is distributed monthly to all employees in an effort to enhance internal communication to all staff. Dashboards are populated and reviewed monthly in most divisions.
1.1a	For critical assets, develop emergency response plans that include equipment, materials and contracts to achieve resilient system functionality.	P3	50%	Multiple initiatives: Purchase of additional permanent and portable generators, portable pumps, execution of General Construction Services Contracts for Low Pressure, Wastewater & IQ, and Lift Stations; Emergency list of contractors to respond in an emergency for Low Pressure generator deployment, Emergency Response Plan (Collector App, Lift Station Emergency Condition Zones, Generator Training). Remaining initiatives would include LP Generator Contracts, LS082 Conversion, detailed SOPs for LS114 and LS082 repump functions, Master Lift Station Bypass, Alternate conveyance from Jupiter Island and Tequesta's East and West Peninsula.
2.1a2	Develop comprehensive rehabilitation program for all assets; Conduct high-level risk analysis for all meaningful assets (composite score based on probability of failure x consequence of failure)	P3	10%	District is in the process of updating the EPA Risk Management Plan for the Chlorine Storage and Feed System.
2.1d	Acquire, operate, and maintain private wastewater systems	P3	0%	Ongoing

Initiative #	Initiatives	Priority Rank	% Complete	Status Discussion
2.2a	Expand water quality and habitat improvement programs; Evaluate cost-effective opportunities to improve water quality west of I-95	P3	10%	Waiting on Governor to sign our revised enabling act into law
2.6b	Maintain Data Rich & Data Driven & Not politically driven	P3	25%	Ongoing improvements within the organization with focused efforts using PowerBI analytics.
2.6f	Develop targets for all metrics	P3	20%	Significant progress has been made by all Departments to identify and establish KPI metrics.
2.6g	Develop in-house capacity to use quality tools for process improvement	P3	5%	Impacted by COVID-19
2.6h	Improve underperforming metrics	P3	10%	Preventative Maintenance of lift stations and air release valves are two specific examples of metric performance.
2.5d	Implement remote monitoring at all low pressure stations	P3	0%	This initiative may be reassessed based on cost/benefit or cost/risk analysis.
3.2b	Conduct 'fire' drills to assess readiness to implement Emergency Conditions and Emergency Response Plans	P3	75%	Generator Training implemented this year and Annual Collector App Training

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	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 Award Construction Contract – January 2021	2016	2021
	18870+18890 SE Country Club Dr (LP)	2	Notified Owner – April + Aug 2017 Design started – August 2017 Notice of Intent – December 2018 Notice to Connect – May 2021 Preliminary Assess – May 2021 Final Assess -June 2021	2018	2020
	Thelma Ave. (LP)	3	Notified Owners – September 2017 Notice of Intent to Assess–September 2019 Notice To Connect – February 2021 Preliminary Assess – May 2021 Final Assess -June 2021	2020	2020
EE	Hobart St SE (Martin Co.) (LP)	13	Notified Owners – January 2013 Notice of Intent to Assess–September 2019	2016	2021
	197 th Pl N (LP)	3	Notified Owners – April 2019 Notice of Intent to Assess – February 2015 Notice To Connect – February 2021 Preliminary Assess – May 2021 Final Assess -June 2021		2020
	605+607 Military Trl (LP)	2	Notified Owners – June 2020 Notice of Intent – Jan 2021	2022	

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	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 Engineering Contract – January 2021 Sewer Location – February 2021	2017	2021
FF	Gardiner Lane-18205 (LP)	1	Notified Owner – July 2013 – Private Road Notice of Intent to Assess – October 2019 Notice to Connect – May 2021 Preliminary Assess – May 2021 Final Assess -June 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

* 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 301
PALM BEACH GARDENS, FLORIDA 33410
TELEPHONE (561) 822-3939
Curtis@PalmBeachLawyer.Law

LEGAL ASSISTANTS
REAL ESTATE
JUDY D. MONTEIRO
DENISE B. PAOLUCCI
MELISSA KAJEEJIT

June 10, 2021

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
March 8, 2021, No Summons yet served on the District.
April 6, 2021, No Summons yet served on the District.
May 5, 2021, No Summons yet served on the District.
June 9, 2021, No Summons yet served on the District.

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).

LIEN FORECLOSURES

NONE

MORTGAGE OR LIEN FORECLOSURES / LRD COUNTERCLAIMS/CROSSCLAIMS

NONE



Loxahatchee River Environmental Control District Monthly Status Report June 4, 2021

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 June 4, 2021.

Alternate A1A 16-Inch Force Main Extension

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

- B&W received the balance of the Closeout Paperwork from the Contractor on May 10, 2021 and the Final Certification package was sent to the District on May 19, 2021. This will end our reporting for this project.

Olympus Drive Force Main and Low Pressure Sewer Replacement

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

- Contractor activated all MOT Permits, obtained staging areas and delivered materials to site.
- Horizontal directional drill installation on Olympus Drive has commenced and remains in progress.

Alternate A1A 24-Inch Force Main Cleaning & Inspection

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

- Contractor returned to site and excavated a second access pit closer to the water on the north side of the bridge so equipment could reach across the bottom.
- A meeting was held on May 26, 2021 with the District to discuss the failed liner and available options regarding the pipeline.
- B&W & the Contractor are currently researching the costs involved for various options for District consideration.

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

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

- The District and the Contractor (Hinterland) have agreed to a NTP date of June 28, 2021.
- A pre-construction meeting has been set for June 21, 2021.

Lift Station Fall Protection Improvements

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

- Change Order #1 was executed to cover the cost of larger grates for the stations from verified field measurements.
- Material procurement is currently in progress.
- Contractor is anticipated to mobilize on July 16, 2021.

GPR Locating Equipment Training

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

- The District provided the PO # for this project to B&W on March 24, 2021.
- B&W conducted the first training day event on April 30, 2021 with District staff.
- The District notified B&W that the Training Session was a success and will be in contact to schedule an additional session soon.

Risk Management / Process Safety Plan

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

- The site audit with the District was completed on May 27, 2021.
- The District was able to transfer the EPA Core CDX to B&W as the Preparer of the submittal on June 3, 2021.
- The resubmission to EPA is on schedule for July 2021 pending receipt of requested items from the District based on the recommendations from the site audit.

Respectfully Submitted by:

BAXTER & WOODMAN, INC.



Rebecca Travis, P.E.
Executive Vice President / Florida Division Manager

June 4, 2021

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:

Our progress and anticipated work on the Odor Control Study and the MLS Bypass Study projects are described in the letter.

The following activities were conducted in the month of May for the Odor Control Project:

1. Task 2 – Review of Conditions of Existing WWTF and Preparation of Test Protocol has been fully completed
2. Task 3 –Sampling and Testing and Operational Assessment has been completed. Baseline Air Dispersion Modeling studies has been completed and results were presented to the District staff.
3. Task 4—Analysis and Presentation of Testing Results has been completed
4. Task 5 – Investigation and Evaluation of Odor Improvements is now underway
5. Task 6 - Development of Odor Control Engineering Report has been initiated and is now underway

Next month's activities:

1. Air modeling studies for alternative conditions will be completed
2. Odor Dispersion modeling will be performed and essentially completed for alternatives evaluated
3. Investigation and Evaluation of Odor Improvements will be completed and reviewed with District
4. Draft engineering report will be prepared and draft submitted

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

1. Prepared and submitted Field Pressure Investigation / Model Calibration Plan.
2. Programed and delivered pressure dataloggers. Received communication that installation would occur the second week of June.
3. Continued and completed coordination, clean up and modification of system shapefiles necessary for physical model build, with GIS Subconsultant FTC.
4. Used new GIS database to create InfoWorks ICM first version of model. Connectivity checks were successfully completed.
5. Used previous InfoWater models to gather information on pumps and other useful parameters as available.
6. Processed runtime data, inflows, pressures (operational information).

Mr. Kris Dean, P.E.
Deputy Director/Director of Engineering
June 4, 2021

Page 2

7. Minimized list of data gaps.

Next month's activities include:

1. Schedule and prepare for a progress meeting.
2. Obtain and process field pressure data upon completion of Field Pressure Investigation / Model Calibration Plan.
3. Strategic planning framework material will be finalized.
4. Processing of operational information will finalize upon receipt of field data. Operational model build will start.
5. Calibration spreadsheet tools will be created.

Project activities shifted slightly to accommodate the Field Testing Plan during the month of June instead of the month of May as communicated by the District. We foresee no impacts to overall schedule.

Please let me know if you have any questions.

Sincerely,

CAROLLO ENGINEERS, INC.

A handwritten signature in blue ink, appearing to read "Elizabeth Fujikawa".

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

**Loxahatchee River Environmental Control District
 CMA Project Status Update
 June 2, 2021**

CMA Project/Proposal #	Name	Status
PROPOSALS		
None		
PROJECTS		
494.001	BLM House Demolition and Reconstruction	<ul style="list-style-type: none"> • Pre-scope meeting conducted • Site visit conducted • CMA contract awarded at Board meeting 3/18/21 • Project kick off meeting 4/8/21 • Additional site visits performed • Draft interior layouts presented • Draft site layouts completed • Conceptual Design submitted 5/21/21 • 90% drawings in progress



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: June 10, 2021
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 June 10, 2021. **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 Notice to Proceed for this project is anticipated to be issued during the week of June 21, 2021. HCE is currently coordinating with the District and the Contractor to schedule the preconstruction meeting the week of June 14, 2021.

Lift Station #161 and Lift Station #291 Emergency Generator Project

- A final walkthrough was held on May 26, 2021. All punchlist items have been addressed and the Contractor has submitted final record drawings and pay request. HCE is currently working on the closeout of the project.

SE Hobart Street Low Pressure Force Main System

- The FDEP certification of completion has been issued. We are still waiting for Martin County to provide final closeout of the utility right-of-way use permit. Upon issuance from Martin County, the project will be complete.

Country Club Drive Force Main Transmission System Preliminary Evaluation

- *District staff will be replacing the pumps at Lift Station #70 and subsequently collecting data for two weeks to provide to HCE. Upon receipt of the updated data, the hydraulic model will be completed. The technical memorandum will be submitted within two weeks after completion of the model.*

Lift Station #163 Emergency Generator Improvements

- A preconstruction meeting was held on May 26, 2021. The Notice to Proceed for the project was issued on June 1, 2021. HCE assisted the Contractor with required signed and sealed drawings in order to obtain the Town of Jupiter Building Permit. We have received submittals from the Contractor and are currently in the process of reviewing.



Jupiter Inlet Lighthouse Septic to Sewer

- The Town of Jupiter has provided comments on the drawings and permit application. HCE is currently in the process of addressing the comments. Upon issuance of the Town of Jupiter permit the project can proceed with bidding.

Lift Station Telemetry Improvements

- A virtual meeting was held on May 28, 2021 with District staff to review the comments on the draft technical memorandum. The HCE team is gathering additional information from vendors and is finalizing the technical memorandum. It is anticipated that the technical memorandum will be finalized and resubmitted by June 25, 2021. Design of the project will then proceed, and a 90% submittal will be provided within 60 days.

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

- HCE provided a 60% design submittal to the District on May 24, 2021. We are currently working towards the 90% design submittal and incorporating all the sewer lateral and septic tank green sheets information received at the beginning of June.

Injection Well Pump Manual Transfer Switch Addition

- A 60% design submittal and draft Standard Operating Procedure (SOP) review meeting was held on May 17, 2021. The final design drawings and cost estimate will be provided to the District by June 11, 2021. An on-site meeting will be scheduled with the District to test the Standard Operation Procedure (SOP) for the Electrical Building #3 Portable Generator Connection.

Operational Greenhouse Gas Emissions and Cost Assessment

- *The greenhouse gas framework and interface development, inventory development, and emissions factor and unit cost library will be completed within three months from receipt of the requested information from the District and the Solid Waste Authority.*

Emergency Response ESRI Collection Tool & Synovia Vehicle Tracking Assistance

- *HCE has updated the existing hurricane collector maps to include the updated low pressure and lift stations. The existing collector maps' symbology was updated to correct issues with syncing offline maps back to the Online data source. The maps are in the process of testing now and should be available for emergency data collection soon.*

Master Lift Station No. 1 Traveling Bridge Crane Solicitation

- A kick-off meeting for the project was held with HCE and District staff on May 27, 2021. The 90% bid package will be delivered to District Staff for review by July 12, 2021.



**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: June 4, 2021

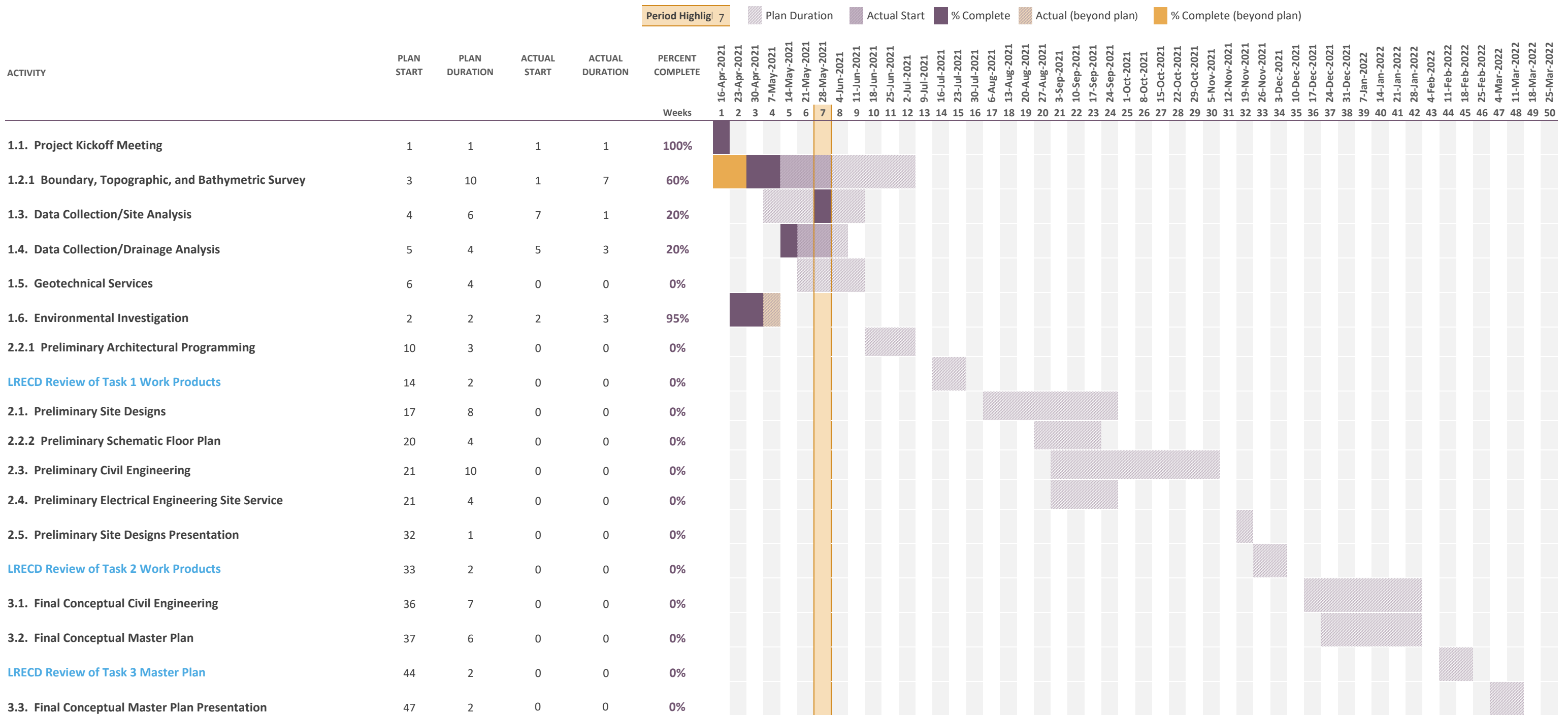
ACTIVITIES

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

Activities and Support:

1. **Survey:** Control complete, Boundary has been resolved. Upland topographic information within boundary is 95% complete.
2. **Environmental:** A Draft of the Environmental Report is complete.
3. **Civil Engineering:** Reviewed SIRWCD as-builts and permitting policy related to drainage, reviewed Town of Jupiter water atlas maps, reviewed LRD Engineering sewer as-builts and plans, and reviewed the SFWMD as-builts of the Hatcher site west related to drainage.
4. **Landscape Architecture:** Coordination of other disciplines, site analysis field work scheduled in next 7 days.
5. **Architecture:** Scheduling of the programming meeting is in progress
6. **Geotechnical:** Boring mobilization scheduled in next 10 days.

Loxahatchee 20 AC Environmental Education Center - Master Plan Development Schedule





Busch Wildlife Sanctuary

The 2nd Quarter Report will be presented at
the July 2021 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 |



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LOXAHATCHEE RIVER DISTRICT

Celebrating 50 Years, 1971-2021

D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR

MEMORANDUM

Gordon M. Boggie
CHAIRMAN

TO: Governing Board
FROM: Kara Fraraccio, Director of Finance and Administration
DATE: June 11, 2021
SUBJECT: Monthly Financial Report

Stephen B. Rockoff
BOARD MEMBER

Cash and Investments

Dr. Matt H. Rostock
BOARD MEMBER

James D. Snyder
BOARD MEMBER

Institution	Original Term	Maturity	Rate	Book Value	Monthly Interest Earned	Market Value
Bank United	4 Months	07/11/21	0.15%	\$ 1,053,364	\$ 134	\$ 1,053,711
Bank United	6 Months	09/12/21	0.15%	1,571,460	200	1,572,227
Bank United	6 Months	08/19/21	0.20%	1,000,000	170	1,000,554
Bank United	6 Months	08/19/21	0.20%	1,000,000	170	1,000,554
Bank United	6 Months	08/19/21	0.20%	1,000,000	170	1,000,554
Subtotal				\$ 5,624,824	\$ 844	\$ 5,627,600
Money Market Accounts:						
Synovus - Public Demand			0.30%		\$ 3,150	\$ 12,364,533
TD Bank - NOW			0.15%		1,052	8,255,770
Subtotal					\$ 4,202	\$ 20,620,303
Checking Account:						
SunTrust-Hybrid Business Account			0.02%		\$ 151	\$ 15,395,823
Subtotal					\$ 151	\$ 15,395,823
Total					\$ 5,197	\$ 41,643,726

Average weighted rate of return on investments is: .15%

As of 5/31/21:

3 month Short Term Bond: .01%

1 month Federal Fund Rate: .25%

2500 Jupiter Park Drive
Jupiter, Florida 33458

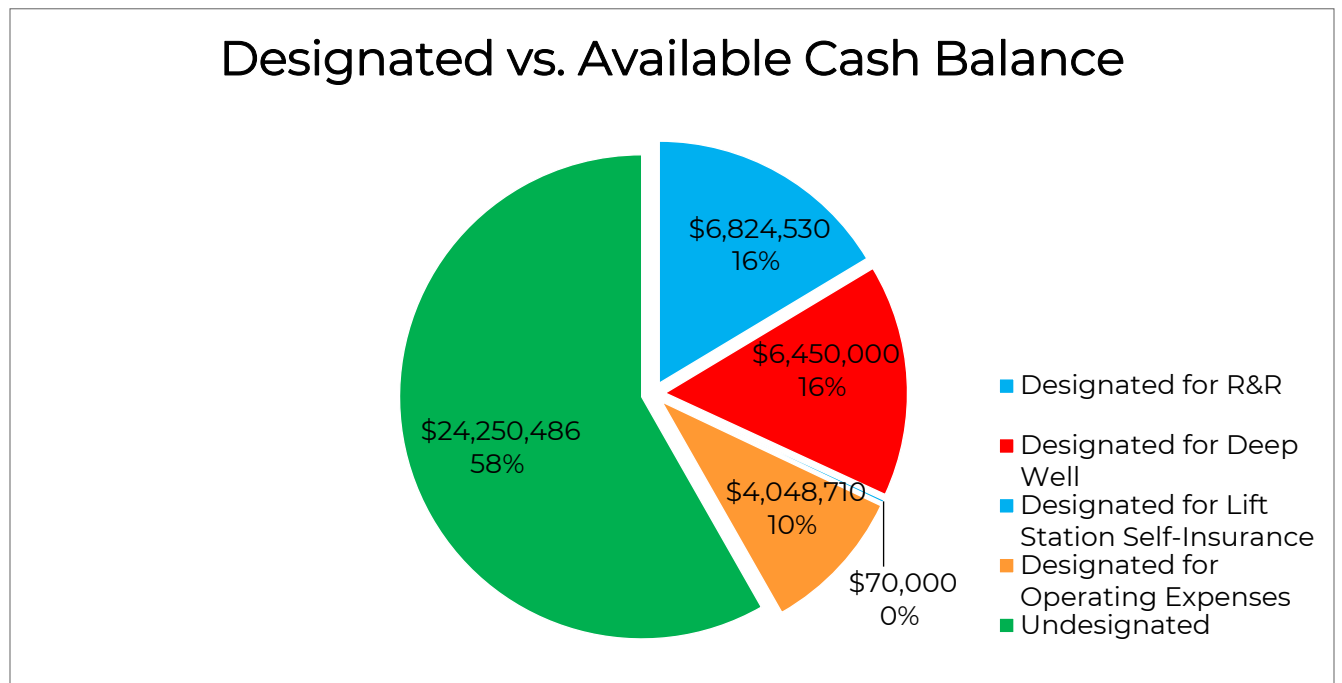
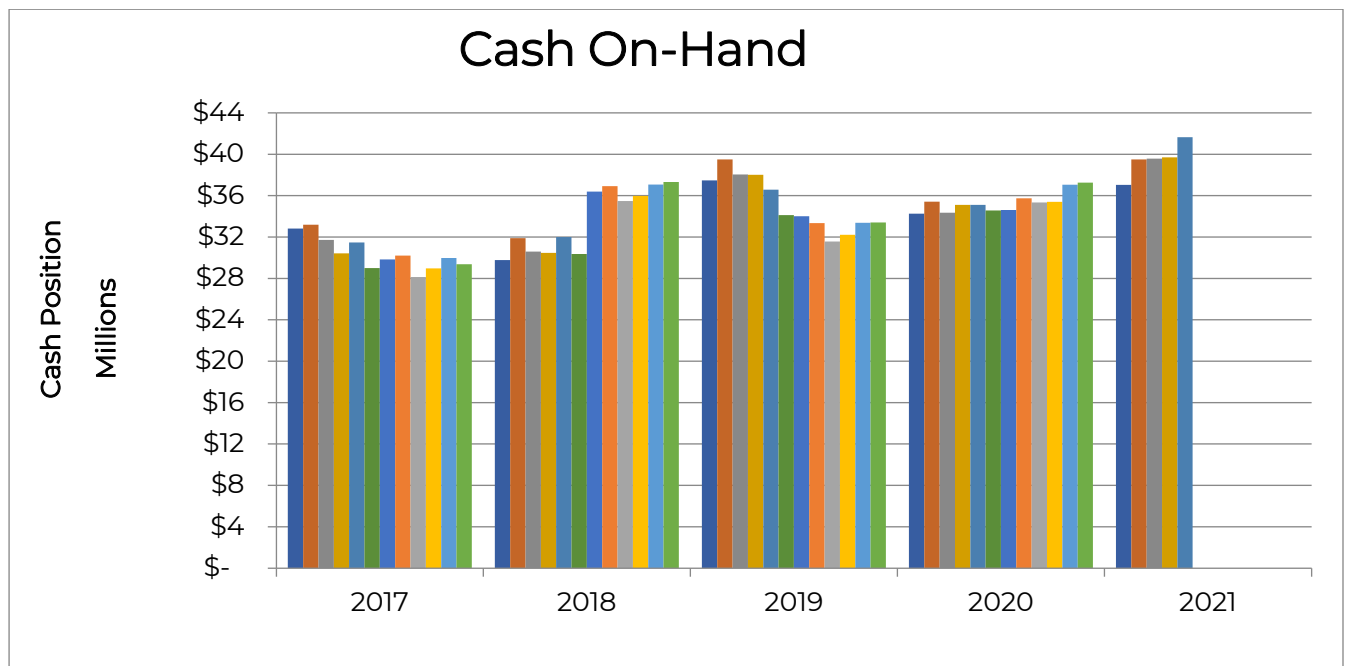
TEL: (561) 747-5700

FAX: (561) 747-9929

Cash position for May 2020 was \$35,110,453. Current Cash position is up by \$6,533,273..

loxahatcheeriver.org

Water Reclamation - Environmental Education - River Restoration



Financial Information

- Legal Fees billed in May totaled \$4,100. The fiscal year-to-date total is \$59,185.
- There was no Septage billing for the month of May. The fiscal year-to-date total is \$165.
- Developer's Agreement – There were no new Developer Agreements in May.
- I.Q. Water Agreements – Abacoa Plaza and San Palermo are past due for the month of May.
- Estoppel fees collected in May totaled \$10,800. The fiscal year-to-date total is \$76,700.

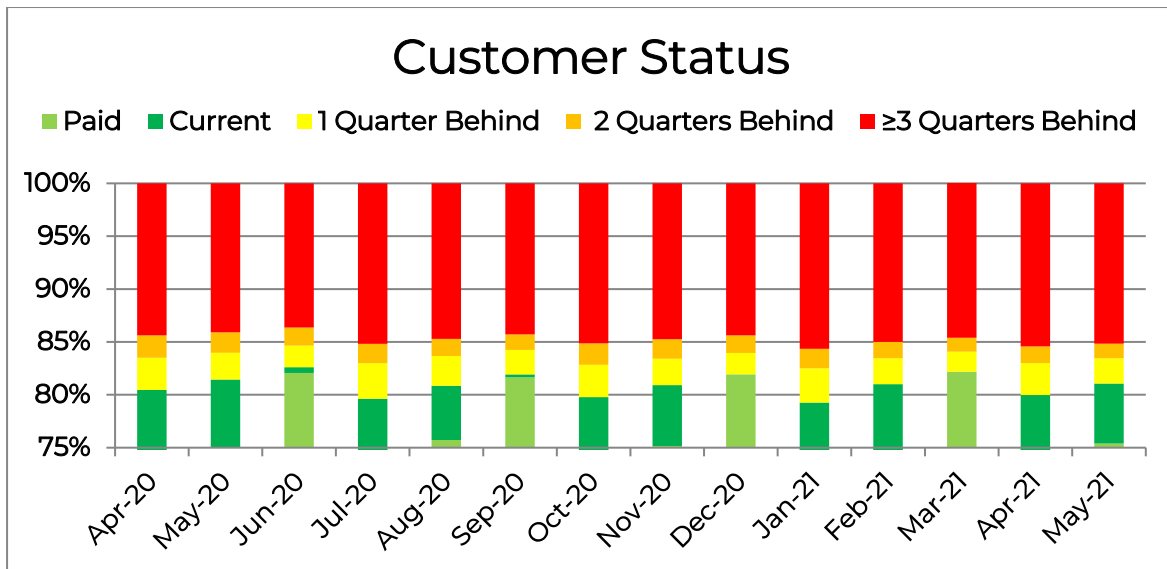
Summary of Budget vs. Actual

<i>Budget Benchmark</i> 66%	May-21 Actual	YTD Actual	FY 21 Budget	Favorable (Unfavorable)	Budget Expended	May-20 YTD
Revenues						
<i>Operating Revenues</i>						
Regional Sewer Service	\$1,382,334	\$11,116,145	\$ 17,670,500	\$ (6,554,355)	62.91%	\$11,321,050
Standby Sewer Service	6,968	62,483	90,000	(27,517)	69.43%	61,442
IQ Water Charges	190,416	1,518,713	2,250,000	(731,287)	67.50%	1,594,717
Admin. and Engineering Fees	980	25,446	73,000	(47,554)	34.86%	80,047
Other Revenue	13,312	243,640	410,000	(166,360)	59.42%	251,255
<i>Subtotal Operating Revenues</i>	1,594,010	12,966,427	20,493,500	(7,527,073)	63.27%	13,308,511
<i>Capital Revenues</i>						
Assessments	259,568	2,098,248	931,500	1,166,748	225.25%	1,062,626
Line Charges	4,664	125,419	203,000	(77,581)	61.78%	297,677
Plant Charges	28,269	524,399	932,000	(407,601)	56.27%	486,260
Capital Contributions			800,000	(800,000)	0.00%	163,877
<i>Subtotal Capital Revenues</i>	292,501	2,748,066	2,866,500	(118,434)	95.87%	2,010,440
<i>Other Revenues</i>						
Grants						
Interest Income	11,747	674,146	648,000	26,146	104.03%	912,251
<i>Subtotal Other Revenues</i>	11,747	674,146	648,000	26,146	104.03%	912,251
Total Revenues	\$ 1,898,258	\$ 16,388,639	\$ 24,008,000	\$ (7,619,361)	68.26%	\$ 16,231,202
Expenses						
Salaries and Wages	\$410,723	\$3,353,353	\$ 5,960,700	\$ 2,607,347	56.26%	\$3,345,224
Payroll Taxes	30,023	239,239	428,900	189,661	55.78%	251,669
Retirement Contributions	58,490	502,469	889,100	386,631	56.51%	510,830
Employee Health Insurance	106,622	829,479	1,478,400	648,921	56.11%	799,791
Workers Compensation Insurance		48,612	86,800	38,188	56.00%	86,417
General Insurance		355,758	386,895	31,137	91.95%	360,233
Supplies and Expenses	54,789	556,079	1,128,000	571,921	49.30%	628,331
Utilities	113,411	852,586	1,399,225	546,639	60.93%	807,435
Chemicals	21,961	209,029	379,000	169,971	55.15%	253,069
Repairs and Maintenance	111,647	1,077,672	1,948,070	870,398	55.32%	1,200,294
Outside Services	171,467	1,236,813	1,884,750	647,937	65.62%	1,104,613
Contingency			225,000	225,000	0.00%	
<i>Subtotal Operating Expenses</i>	1,079,133	9,261,089	16,194,840	6,933,751	57.19%	9,347,906
<i>Capital</i>						
Capital Improvements	248,412	1,758,547	10,994,500	9,235,953	15.99%	4,878,591
<i>Subtotal Capital</i>	248,412	1,758,547	10,994,500	9,235,953	15.99%	4,878,591
Total Expenses	\$ 1,327,545	\$ 11,019,636	\$ 27,189,340	\$ 16,169,704	40.53%	\$ 14,226,497
Excess Revenues						
Over (Under) Expenses	\$ 570,713	\$ 5,369,003	\$ (3,181,340)	\$ 8,550,343		\$ 2,004,705

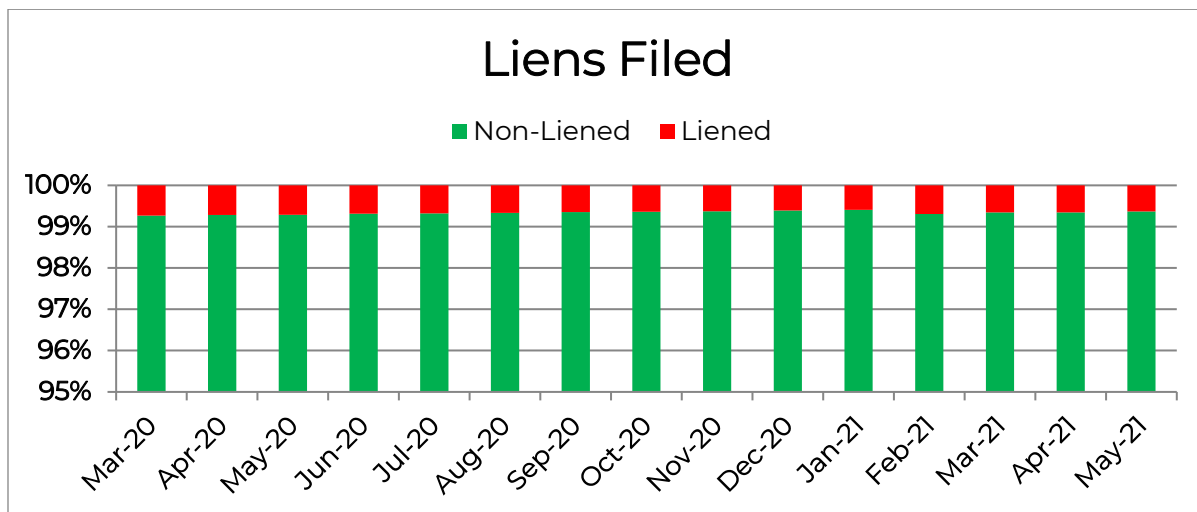
Total Capital expenses incurred and encumbered totaled \$7,618,586 or 69% of the budget.

Accounts Receivable

The chart below illustrates customers' receivable status as a percentage of quarterly sewer billing. Paid or current balances represent approximately 81% billing.



The District serves approximately 33,000 customers. Currently, the District has 209 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 June 1, 2021, the Retirement Plan Administrative Committee met in the Governing Board room to discuss the First Quarter Retirement Plan results. As of March 31, 2021, the Plan had 72 participants with participant assets totaling \$9,879,596. The majority of the Plan's balance continues to be in the Self-directed Brokerage accounts (74.3%), however, that percentage is expected to decline with new contributions coming in and going to the funds in the Core Line-up. Two funds in the Core Line-up are on the "Watch List:" American Funds Washing Mutual R6 and Vanguard Life Strategy Conservative Growth, due to long-term performance being below the index and median of the peer group for the 3 and 5-year periods. All other funds are in compliance.

The Administrative Committee discussed (1) opportunities to improve the Empower Dashboard, including adding benchmarking and realized/unrealized gain/losses for core line-up; (2) the pros and cons of offering participants a 457 Plan, the concept was identified as a benefit to employees with an apparent manageable amount of additional responsibility; and (3) the pros and cons of allowing inactive employees to continue participating in the District's Plan. Maintaining inactive employees could improve the size of the District's Plan and potentially lower per participant costs. These items will be considered for a formal recommendation at the next Administrative Committee Meeting.



LOXAHATCHEE RIVER DISTRICT

Celebrating 50 Years, 1971-2021

D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR

MEMORANDUM

Gordon M. Boggie
CHAIRMAN

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

James D. Snyder
BOARD MEMBER

TO: D. Albrey Arrington, Ph.D., Executive Director
FROM: Kris Dean, P.E., Deputy Executive Director/Director of Engineering Services
DATE: June 9, 2021
SUBJECT: Engineering Services Report

Project highlight

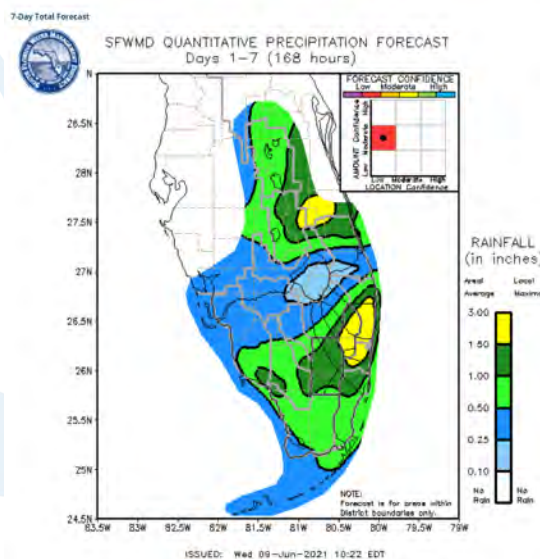
Rain (or the lack thereof) As we close out May the dry season continues to persist. Beginning May 24 we began reducing daily allocations to our 4 curtailable customers. Current allocations are at 50% to these 4 customers and 100% to the remainder.

We are monitoring lake levels, ground water elevations and SFWMD 7 day rainfall forecast. The forecast predicts 0.5-1" of rainfall in our area. If correct the rainfall may stave off the need for further curtailment of allocation to our IQ customers.

SFWMD 7-Day Total Forecast



Daily Quantitative Precipitation Forecasts



In-house Projects

Lift Station Rehabilitations General Construction Services: Inspection reports are beginning to move out of Inspections into Engineering. We have implemented a straightforward process for construction planning, procurement, inspection and close out.

2500 Jupiter Park Drive
Jupiter, Florida 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

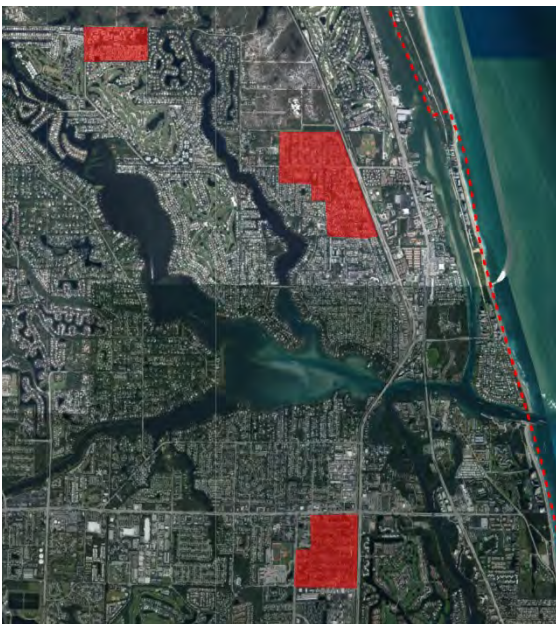
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Water Reclamation - Environmental Education - River Restoration

As we move forward the Lift Station Rehabilitation program performance will be tracked using KPI's that look at inspection rates and timely correction of defects.

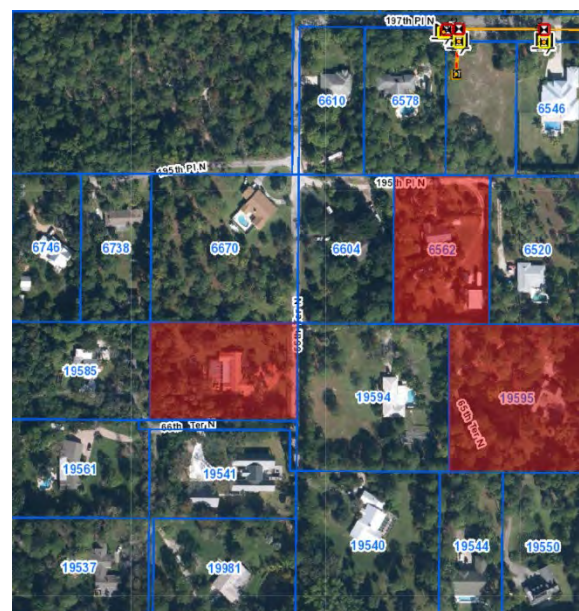
181st Street Gravity Sewer System: The Notice to Proceed was issued effective May 21, 2021 with an anticipated final completion in December 2021. Staff are coordinating submittal approvals and permit applications prior to the contractor mobilizing.

Neighborhood Sewering/Remnant Properties: Final Assessments are included for 18870/18890 SE Country Club Drive, Thelma Avenue, 18205 Gardiner Lane and 197th Place North in this month's notebook and next month we anticipate preliminary assessment for SE Hobart Street. Once completed we will move forward with 605 and 607 Military Trail to close out the Remnant Areas on our Neighborhood Sewering Schedule. At this time, we will wrap back around with IT and customer service and re-evaluate our system to confirm remnant areas on public right of way or with easement access have all been captured.



Fiscal Year 2021 Main and Lateral Lining Projects: Purchase orders have been issued for cleaning, TV inspection and manhole inspections in LS018, 041, 050 and 054 collection systems. As this work is performed staff will pursue other contract options to perform lining and manhole rehabilitation identified for the TV inspection and manhole inspection report.

19595 66th Terrace Low Pressure Sewer: Three properties agreed to participate in the 66th Terrace Low Pressure Sewer project under Statutory Way of Authority. We are moving forward with the project using staff for design and permitting and anticipate completion this year.



CONSTRUCTION

We are actively seeking a Construction Manager to head the Construction Department. The Construction Manager provides construction management, planning and support to the Engineering Services Division Director including project planning, design, materials acquisition, permitting, traffic control plans, general construction contract management and procurement of services not included in general construction services contracts necessary for completion of the work and fleet maintenance.

COLLECTIONS AND REUSE

2021 Hurricane Season: Through the course of May staff focused on updates to the Emergency Response Plan and training for portable generators and the Collector App.

Lift Station Repeat Red Lights: We continue to chase trouble stations with repeat issues and improve the wet well cleaning under preventative maintenance. To date in the second quarter all red lights are down 10% when compared with the first quarter.

Air Release Valves: The ARV evaluation process has resulted in 163 ARVs inspected year to date (out of 332 total). 26% are out of service down from 40% the previous month.

Wet Well Cleaning: The ratio of Preventative Maintenance Cleanings to Corrective Cleanings has increased 15% in the second quarter to date from the first quarter. This is a clear trend showing proactive approach to cleaning which is contributing to the downward trend in lift station red lights.

UNAUTHORIZED DISCHARGES (fka SANITARY SEWER OVERFLOWS)

There were 7 unauthorized discharges in the collection/transmission/distribution system this month.

On May 14, 2021 the District had an unauthorized discharge of 10 gallons of sewage from a low pressure pumping unit at a private residence on N. Riverside Drive in Tequesta, FL. The unauthorized discharge was caused by a crack in the piping attached to the wet well feeding the service lateral. No storm drains or other bodies of water were affected.

On May 16, 2021 the District had an unauthorized discharge of 580 gallons of sewage from two manholes on Sea Oats Drive in Jupiter, FL. The unauthorized discharge was caused by a loss of power at LS117. The unauthorized discharge entered a storm drain. 7,500 gallons of liquid was back pumped from the storm system using a vacuum truck. Warning signs were setup in the area and sampling performed in the retention pond.

On May 18, 2021 the District had an unauthorized discharge of 5 gallons of sewage from a low pressure force main on SE County Line Road north of SE Deer Moss Trail in Tequesta FL. The unauthorized discharge was caused when a contractor probing the area damaged the low pressure service. No storm drains or other bodies of water were affected.

On May 24, 2021 the District had an unauthorized discharge of 1 gallon of sewage from a low pressure pumping unit at a private residence on Loxahatchee River Road in Jupiter FL. The unauthorized discharge was caused when a contractor cleared a lot for re-sodding resulted in damage to the low pressure service valve box. No storm drains or other bodies of water were affected.

On May 24, 2021, the District had an unpermitted discharge of 0.25 gallons of sewage in a valve box (LS293-VLA17) located at the intersection of Cortona BLVD and eastbound Indiantown Road in Jupiter, FL. The unauthorized discharge was caused by a failed air release valve seat. No storm drains or bodies of water were affected.

On May 25, 2021, the District had an unauthorized discharge of 30 gallons of reclaimed water (aka irrigation quality water) from an air release valve (IQ511-VLA48) located on the north side of Island Way Bridge in Tequesta, FL. The unauthorized discharge was caused by a failed air release valve seat. The spill dripped into the north fork of the Loxahatchee River on the north side of the bridge. There was no recovery of spill. LRD crews placed signs on bridge near valve and performed sampling in effected waterway.

On May 30, 2021, the District had an unauthorized discharge of 15 gallons of sewage from a gravity service lateral line (LS050-GS528) at a private residence on South Arnold Drive in Tequesta FL. The unauthorized discharge was caused when a contractor's directional bore damaged the gravity service. No storm drains or other bodies of water were affected.



LOXAHATCHEE RIVER DISTRICT

Celebrating 50 Years, 1971-2021

MEMORANDUM

D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR

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

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

DATE: June 9, 2021

SUBJECT: May 2021 Operations Department Monthly Report

Gordon M. Boggie
CHAIRMAN

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

James D. Snyder
BOARD MEMBER

Treatment Plant Division/ Maintenance Department

Overall, the month of May 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 May were within the same order of magnitude as the flows recorded during the month of April. The Average Daily Flow (ADF) during May was 6.90 million gallons per day (MGD) vs. 7.32 MGD in April. The Maximum Daily Flow (MDF) during May was 7.26 MGD vs. 7.82 MGD in April. The Peak Hour Flow (PHF) during May was 6,424 gallons per minute (gpm) vs. 7,250 gpm in April. The total rainfall during the month of May was 1.85 inches which was significantly lower than the total rainfall during the month of April when we received a total rainfall of 4.58 inches.

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

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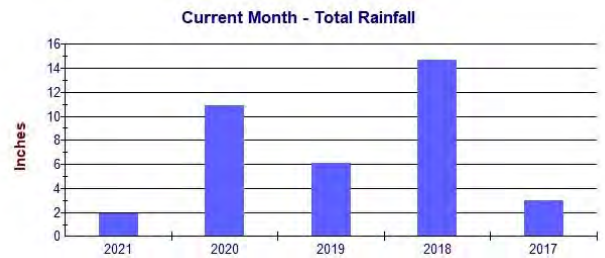
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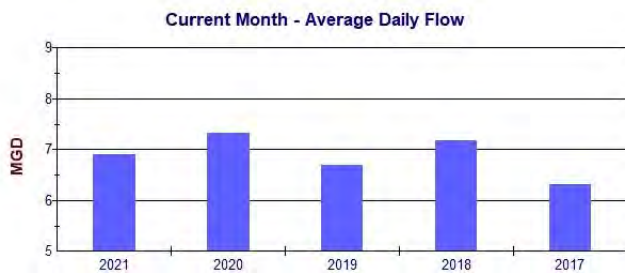
GRAPHICAL SUMMARIES OF PLANT FLOWS AND RAINFALL DATA



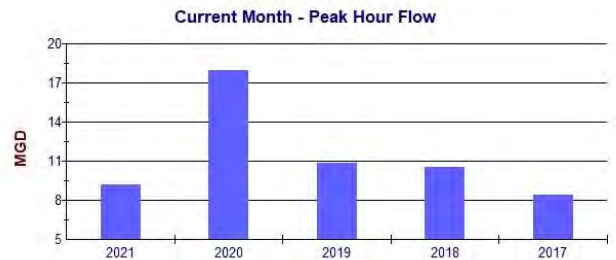
The Cumulative Influent Flow to the plant for the month of May was 213.94 million gallons.



1.85 inches of total rainfall was recorded at the plant site during the month of May.



The Average Daily Flow (ADF) for the month of May was recorded at 6.90 MGD compared to 7.32 MGD one year ago, for the same month.

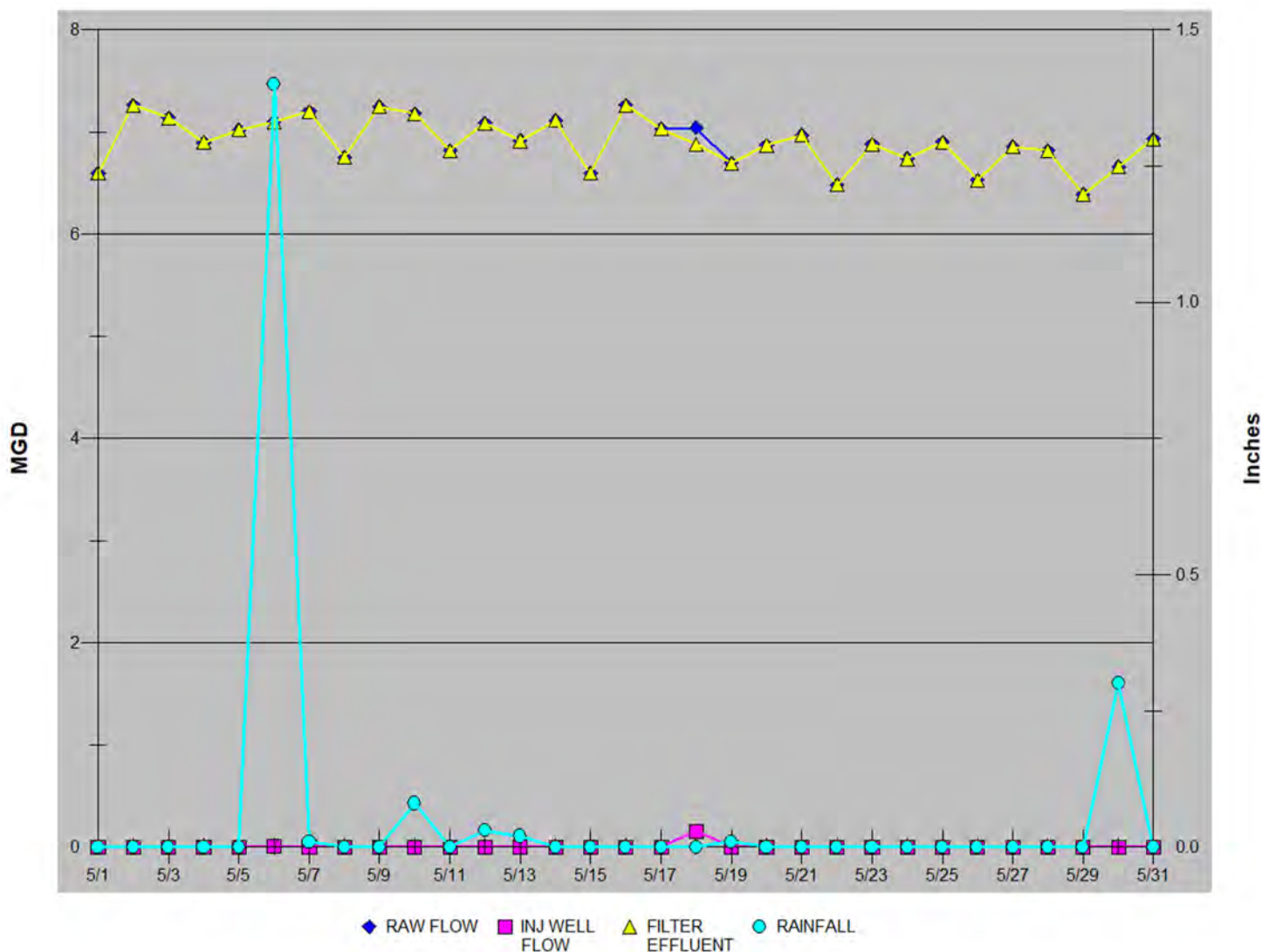


The Peak Hour Flow (PHF) for May was 6,424 GPM which equates to an equivalent daily rate of 9.25 MGD.



The Maximum Daily Flow (MDF) in May was 7.26 MGD.

For the month of May, the cumulative influent flow to the plant was 213.94 MG of which 213.78 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 1.85 inches of rainfall was recorded at the site during the month and only 0.16 million gallons of blended effluent was diverted to the Deep Injection Well. Overall, 99.92% of the plant influent flows were treated and available for reuse as IQ water. The plant delivered a total of approximately 289.22 million gallons of IQ water to the reuse customers during the month of May. Based on a comparison of the data, approximately 75.44 MG of IQ water which was previously stored in the lake system was distributed offsite in addition to the IQ flow produced during the month of May.



Year to date (i.e., Calendar Year 2021), approximately 94.57% 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 1,221.79 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 and/or supervised Contractor work for special projects during the month including the coordination and completion of the calibration of specific instrumentation which are critical to ensuring continued compliance with the operating requirements and conditions stipulated within the Florida Department of Environmental Protection (FDEP) Operating and Underground Injection Control permits. The calibration performed this month included the completion of the calibration of the Krohne inline magnetic flow meter used at the WWTF site. The first half of the annual flow meter calibrations were performed this past January.

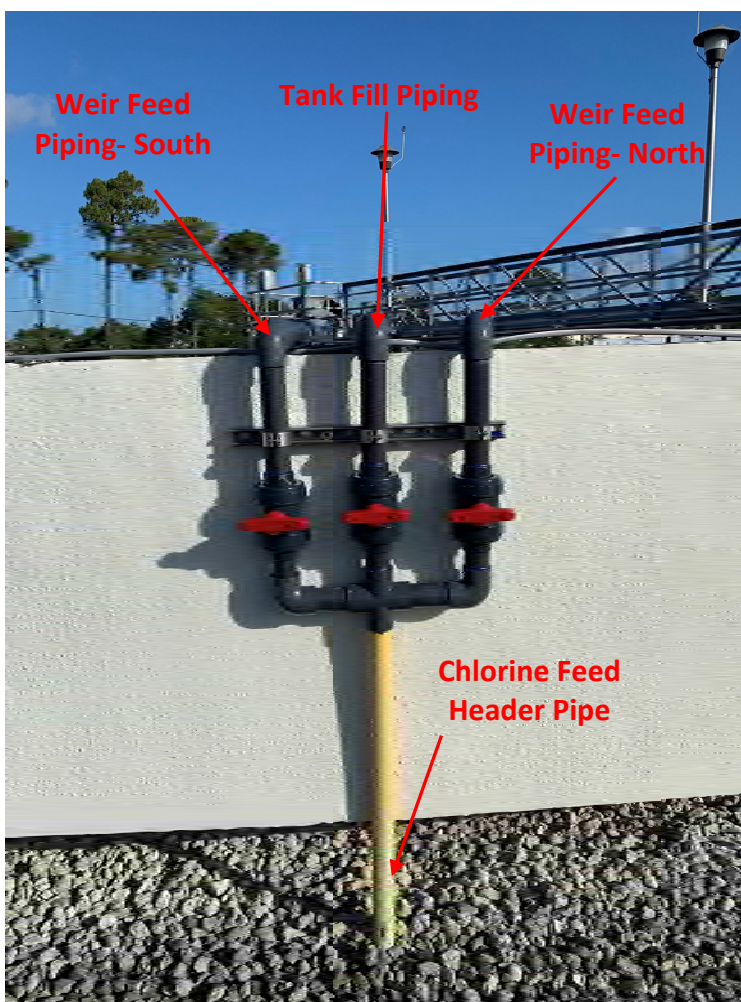


Inline Magnetic Flow Meter Transmitter – Deep Bed

During the month of May, Operations also worked in close coordination with a process control consultant to integrate the new variable frequency drives (VFDs) dedicated to the 250-HP injection well pumps into the existing plant programming and control software. Integration was required to ensure that the new VFD's properly communicate to the plant Supervisory Control and Data Acquisition (SCADA) system. As part of the integration scope of work, Staff and the Integrator were able to make specific improvements to the ladder logic (i.e., controls sequence) to fine tune the operation of the VFDs which will minimize unnecessary speed changes.

Operations continued our ongoing efforts to document our operating processes in detailed, written Standard Operating Procedures (SOPs). During the month of May SOP's were drafted to document the detailed procedures for the start-up and shutdown of the chlorine disinfection feed system.

Lastly, Operations worked closely with the Maintenance Team to complete specific improvements at Secondary Clarifier No. 1. Clarifier No. 1 was previously removed from service to address a minor leak at the effluent box. The improvements included the modification of the chlorine solution feed piping used during weir cleaning and tank filling processes. These improvements will mitigate potential safety concerns during the execution of these processes.



Clarifier No. 1 – Chlorine Feed Piping Improvements

Maintenance Department:

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

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

During the annual inspection of the blowers, it was determined that the process air blowers were in good condition and were operating in accordance with the manufacturer’s design specifications. There was, however, one issue discovered during the inspection. While evaluating the operation of the blowers the manufacturer noticed there was some leakage on the inlet side of the check valve located on the blower discharge piping. The cause of the air movement was determined to be the result of a failed valve seat. The Maintenance Team was able to promptly replace the check valve with a spare unit from inventory.



Process Air Blower – Discharge Check Valve Replacement

Lastly, the Maintenance Team worked diligently to complete the required repairs to Clarifier No. 1. The repairs included spot repairs to specific metal components as well as the surface preparation and coating of the clarifier drive mechanism and pre-stressed concrete process tank. The surface preparation work included sand blasting areas of moderate steel corrosion and/or delaminated paint. There were no areas of significant concern discovered. The most significant corrosion was identified on the raker arm and center column supports. Significant delamination was also identified within the effluent trough of the concrete process tank. All surfaces were cleaned and prepped and then immediately painted with a specialty coating system. By taking a proactive approach to the repair of coatings when systems are removed from service to perform unrelated repairs, we can extend the life expectancy of these critical assets.



Clarifier No. 1 – Surface Preparation and Coating Repairs



LOXAHATCHEE RIVER DISTRICT

Celebrating 50 Years, 1971-2021

MEMORANDUM

D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR

Gordon M. Boggie
CHAIRMAN

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

James D. Snyder
BOARD MEMBER

TO: Albrey Arrington, Ph.D., Executive Director
FROM: Bud Howard, Director of Information Services
DATE: June 10, 2021
SUBJECT: Information Services Monthly Governing Board Update for May 2021

WildPine Ecological Laboratory

DEP Innovative Technologies Water Quality Improvement Project in Jones Creek

DEP is reviewing our Quality Assurance Project Plan and we have been advised that we should receive their comments on June 11th. Depending on the extent of the revisions, and the time for DEP's final approval, there is a chance we may begin treatment in June, but we will likely begin treatment in July.

Riverkeeper Project

In May, lab staff and our partners collected water quality samples from 22 monitoring stations throughout the watershed. The overall water quality score for May 2021 was good with 88% of all samples meeting the EPA/DEP water quality criteria. This was better than last month's score of 78%, and this time last year at 72% (see score card below). We collected a total of 70 bacteria samples in support of several projects, including the weekly bacteria monitoring program and our partnership project with Town of Jupiter working in Jones and Sims Creeks.

Both Nitrogen and Phosphorus scores were good in May at 95% and 91% and were similar to historical results. However, Chlorophyll scored fair/yellow (64%) against the stringent criteria, though better last month's poor/red score (52%) and better than historical results. This is encouraging news for us because some other watersheds in Florida are already experiencing harmful algae blooms. We are keeping a sharp eye on the water and are ready to sample if any evidence of

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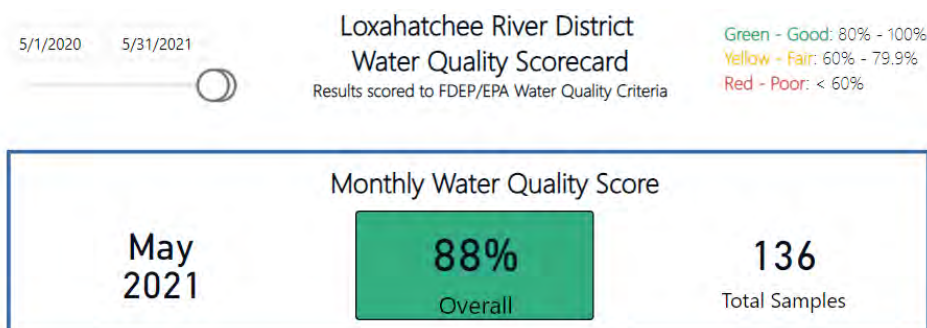
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algae blooms are observed. For the combined fecal indicator bacteria (fecal coliforms in all waters, enterococci in marine and brackish waters and E. coli in fresh waters), May scores were good with 91% of samples meeting DEP's Surface Water Quality Standards and are excellent compared to historical values.



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
2021	May	136	88%	22	95%	22	91%	22	64%	70	91%
2021	April	148	78%	27	93%	27	81%	27	52%	67	91%
2021	March	122	89%	16	100%	16	100%	16	63%	74	91%
2021	February	133	84%	23	91%	23	96%	23	65%	64	84%
2021	January	147	84%	27	93%	27	85%	27	78%	66	83%
2020	December	128	87%	17	100%	17	100%	17	100%	77	78%
2020	November	157	80%	27	93%	27	78%	27	96%	76	70%
2020	October	149	66%	28	89%	28	46%	28	46%	65	74%
2020	September	134	77%	17	100%	17	88%	17	59%	83	73%
2020	August	147	80%	27	96%	27	85%	27	70%	66	76%
2020	July	152	70%	28	82%	28	57%	28	46%	68	81%
2020	June	122	71%	16	88%	16	69%	16	63%	74	70%
2020	May	136	72%	22	95%	22	86%	22	55%	70	66%
Total		1811	79%	297	93%	297	80%	297	65%	920	78%

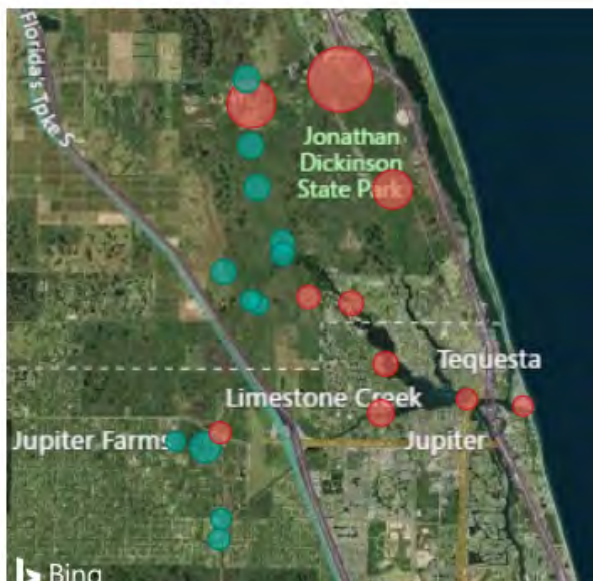
Loxahatchee River Water Quality Scorecard for Overall, Total Nitrogen (TN), Phosphorus (TP), Chlorophyll a (CLA) and E. coli and enterococci bacteria (BAC) parameters.

Chlorophyll (CLA) scores are typical for this time of the year as temperatures increase and sparse rainfall results in low flow conditions, both which can contribute to increased algae productivity. Last year, the overall CLA score was 55% (12 sites scoring good out of 22) and this year was 64% (14 good out of 22) and better than last month. The improved results over last year were due, in part, to the fact that some of the historically high sites located around Jonathan Dickinson State Park were too dry to sample (Stations 56 and 59). A very high CLA value was at 138th Street/Kitching Creek Road ditch (Station 111, the large red dot at top of map on right below) at 110 ug/L, far above the water quality standard of 35 ug/L. Station 111 also had the highest total nitrogen concentration at 2.2 mg/L, which is also above DEP's numeric nutrient criteria of 1.54 mg/L for freshwater sites.

Chlorophyll a (ug/L)

CHL_Score ● GOOD ● POOR

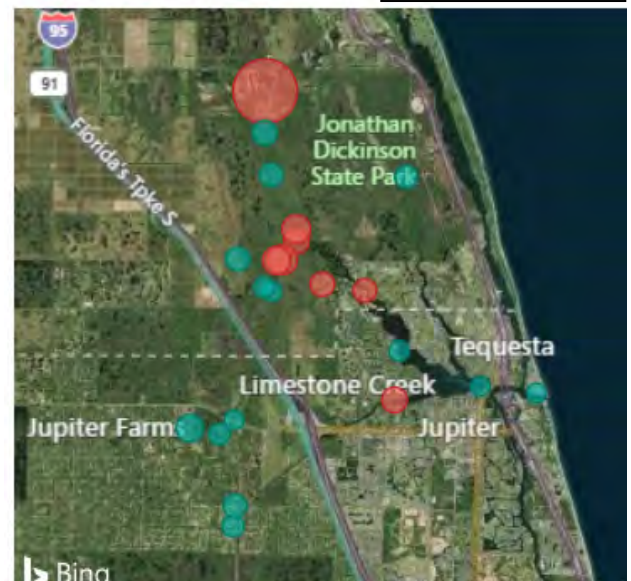
May 2020



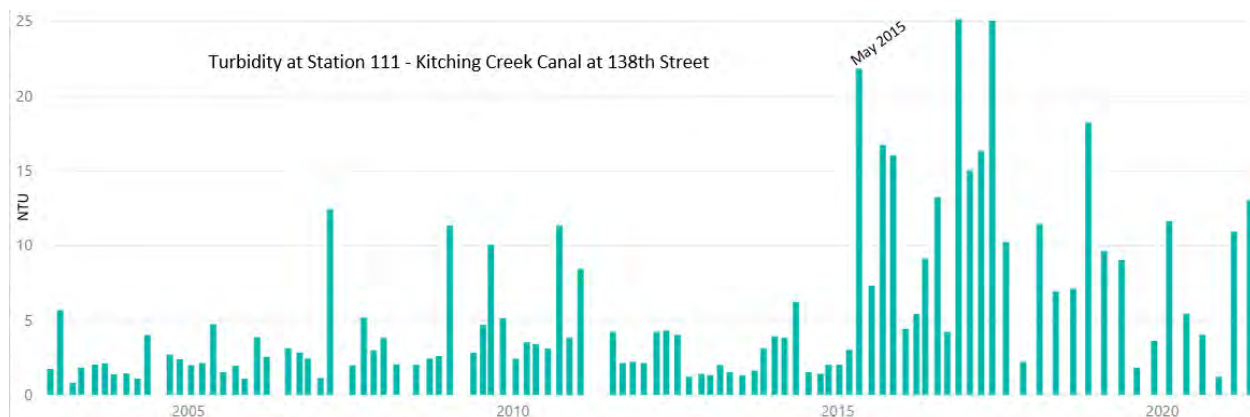
Chlorophyll a (ug/L)

CHL_Score ● GOOD ● POOR

May 2021

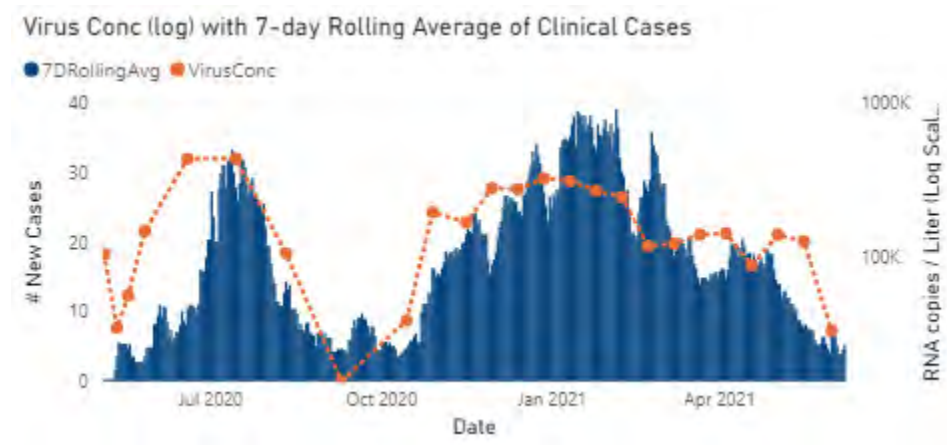


Interestingly, Station 111 also had the highest turbidity value this month at 12 ntu which is also well above the water quality target of 2.5 ntu for freshwater tributaries. As you can see by the graph below, turbidity measurement at that site have been elevated since 2015. We will work with our colleagues at Martin County to try and understand the causes of these findings and seek solutions.



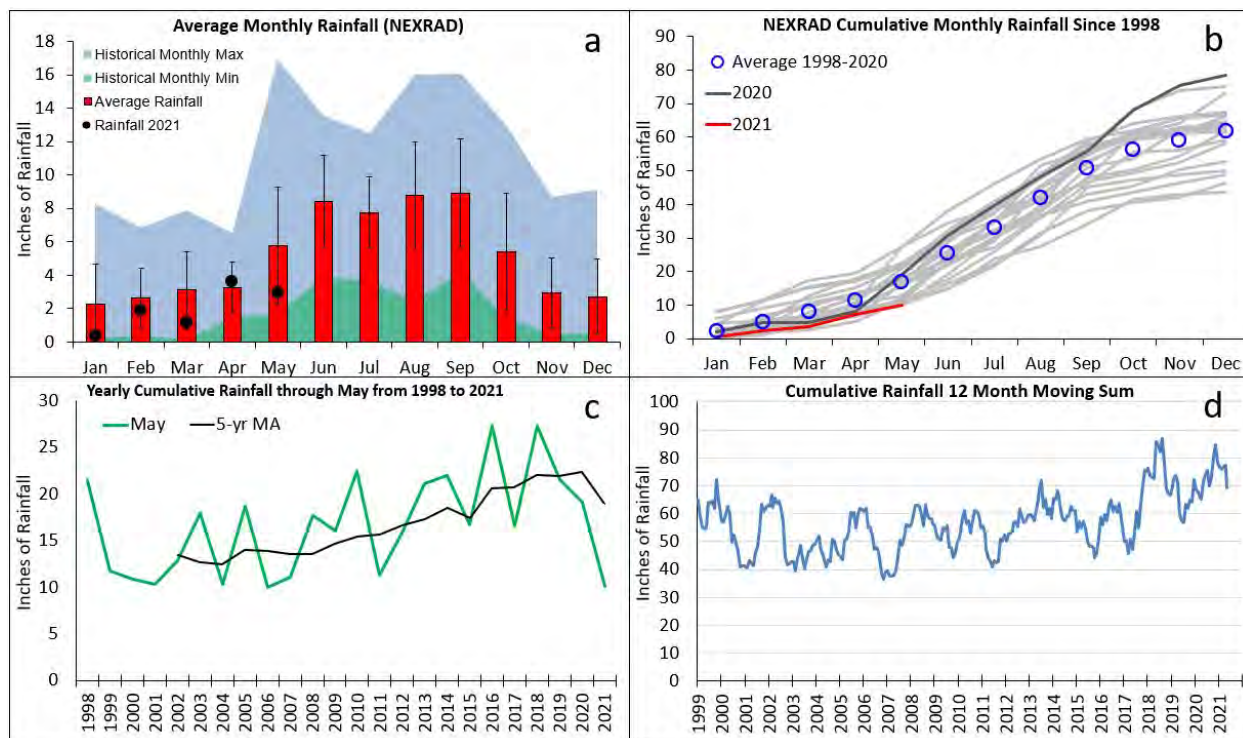
Wastewater Surveillance of COVID-19

The wastewater surveillance testing for SARS/Covid-19 in our wastewater showed a marked reduction in virus concentration from our testing on May 17 to June 1 and clinical cases have been on the decline too.



Hydrologic Monitoring

Dry conditions continued through May with a monthly rainfall total of 3.0" averaged across the watershed (panel 'a' in figure below), and roughly half of the historic average for May of 5.8", and far below the 11.2" total rainfall experienced during May 2020. Rainfall was detected across the watershed during 19 days during May, though many of those rain events were little more than a slight sprinkle measuring 0.03" or less. The highest single daily rainfall was measured on May 6 with 1.4", which accounted for nearly half of the month's total rainfall. Total cumulative rainfall for 2021 is only 10.1", or about 41% below the average of 17" we typically experience by this time of year. To date, this cumulative rainfall nearly equals the 10.0" experienced during what turned out to be the drought of 2006. Despite record setting annual rainfall and overall increasing trend in total rainfall in recent years, the cumulative rainfall through May has been on a decreasing trend since peaking in 2018 at 27.3" (panel 'c' in figure below). This may suggest that annual rainfall is occurring not only later in the year, but also over a shorter time period. The 12 month moving sum of rainfall (panel 'd') also indicated a decrease as this year's dry season lingers on.

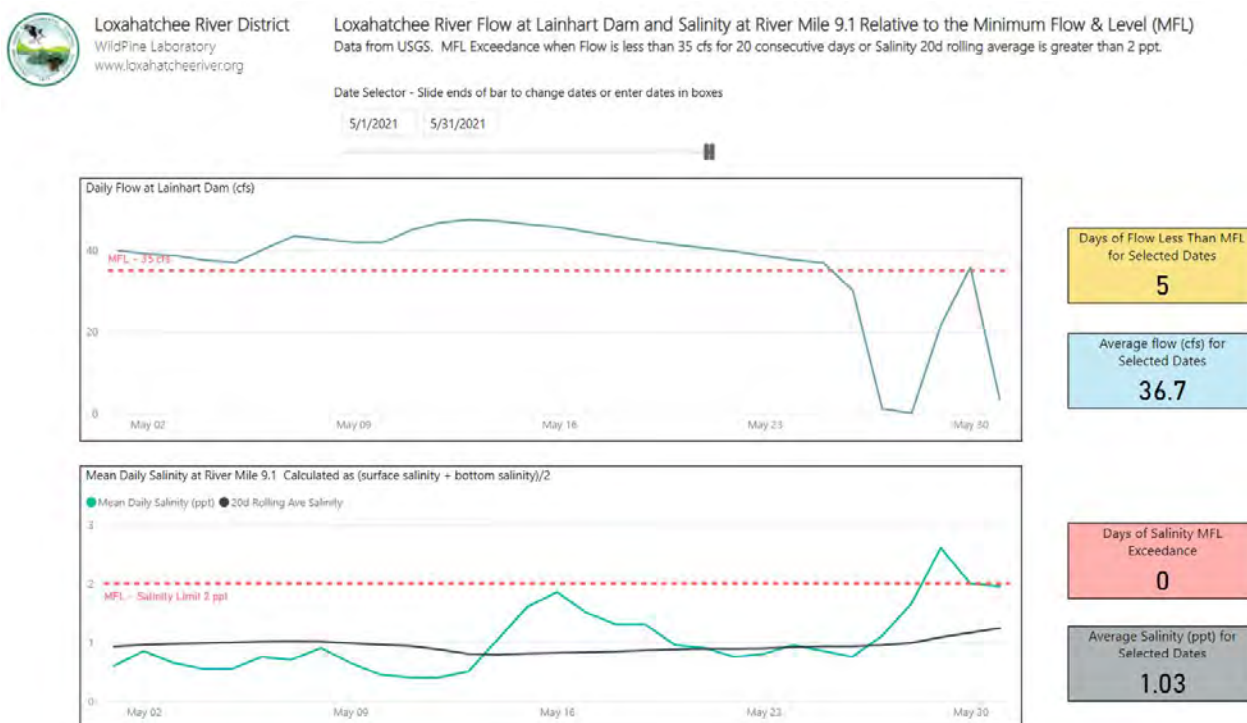


Figures above display various measures of rainfall. Panel (a) shows average monthly rainfall from 1998 to 2020 (red bars; error bars indicate ± 1 sd). Black dots indicate monthly rainfall for 2021. The blue and green shaded areas show the maximum and minimum rainfall ever recorded for each month. Panel (b) shows monthly cumulative rainfall for each year since 1998. Red line indicates cumulative rainfall during 2021; dark gray line indicates rainfall during 2020. Blue circles are monthly cumulative average rainfall measured between 1998-2020. Panel (c) shows cumulative annual rainfall using NEXRAD radar-based data. Green line indicates cumulative rainfall through May for each year since 1998, when the radar-based rainfall measurements began. Black line is the 5-year moving average across all years. Panel (d) shows cumulative 12-month moving total of monthly rainfall.

River flows and salinity measurements in the river are reflective of the dry conditions. River flow measured at Lainhart Dam during May averaged just 37 cfs with five (5) days toward the end of the month below the minimum flow target (Figure below). During May 27 and 28, flow over Lainhart had dropped to zero or near zero flow. The monthly flows were slightly lower than last months average of 42 cfs, and lower than the flow measured during May 2020 when the monthly average was 77 cfs despite having 20 days below the MFL. As water levels in the C-18 fall, flow through and into the canal continue to decrease as well. By the end of May, flow through the G-160, the structure controlling flow from the south, had reduced to zero as has flow from the G-161, the structure that controls supplemental flow into the C-18 from Grassy Waters Preserve. The supplemental flows ceased when the City of West Palm Beach reported algae in their drinking water supply.

Salinity measured at the River Mile 9.1 USGS water quality monitoring station in the Northwest Fork during May averaged 1 ppt, with only a single day of salinity rising above the 2 ppt threshold (Figure below). However, the 20d

moving average remained well below the 2 ppt threshold throughout the month.



Flow measurements for May 2021 through the Lainhart Dam (top graph) with salinity at River Mile 9.1 (bottom graph).

Oyster Spat Monitoring

Oyster spat settlement evaluation for May is complete and indicates that Spring oyster recruitment is in full swing. In the Northwest Fork, average spat density was a remarkable 33,422 spat m² with most, or 65%, of the settlement activity occurring at the downstream site (Figure below). The historical average for May is 4,479 spat m². Last year density was 7,691 spat m² and went on to experience record-setting spat density of 36,035 spat m² in June. This makes two consecutive years where monthly spat density exceeding 30,000 spat m². Prior to 2020, the highest density on record was only 13,000 spat m².

Spat settlement in the Southwest Fork was equally impressive with an average of 25,872 spat m² with settlement equally split between the two monitoring sites. This density is substantially higher than the period average of 5,786 spat m² and many times higher than spat density of 1,993 spat m² observed during the same period 2020 and is in fact, by far, the highest density ever observed in the Southwest Fork with the next highest density of 17,353 spat m² recorded in July of 2020. If we have a similar pattern to last year, the estuary may have a banner oyster spawning season.

It remains unclear why we are experiencing this sudden sharp increase in spat settlement. It may be related to the delayed start to wet season, higher temperatures, sustained salinity, the presence of more oysters in the region, or a combination of these and possibly other factors. The fact that the estuary is experiencing such high activity seems to be a ray of hope for downstream habitats.

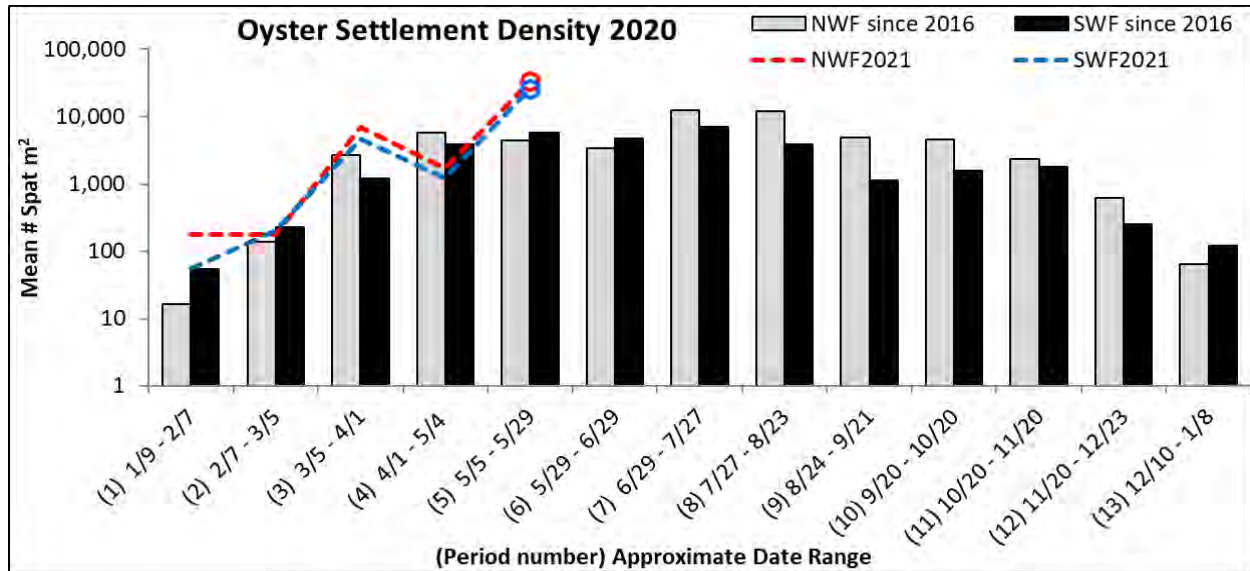


Figure shows mean oyster spat settlement for the Northwest Fork (gray bars) and the Southwest Fork (black bars) since 2016. Dashed lines show oyster spat settlement so far for 2021 in the NWF (red) and SWF (blue). Note logarithmic scale of vertical axis.

Volunteer Water Quality Monitoring Program



The Volunteer Water Quality grade for May was once again an "A". All of the parameters for all sites scored well this month. The water clarity at the Jupiter Inlet and at St. 30 at Burt Reynolds Park showed some slight degradation on the May 22nd ebb tide sampling. The lack of rain and calmer seas this month contributed to higher scores.

Summary of results from the Volunteer Water Quality Monitoring Program.

May-21	Averaged results for the Month							Monthly Cumulative Grades						Cumul. Monthly	
Site	Temp (F)	Secchi	Salinity	pH	DO	DO%	Color	Vis	Salt	pH	DO	DO%	Color	Score	Grade
LR10V	26.3	2.80	35.2	8.1	6.6	99.2	1.0	VAB	A	A	A	A	A	97.2	A
LR22V	25.0	0.10	36.0	8.0	5.6	84.1	1.0		A	A	A	A	A	100.0	A
LR30V	26.2	1.55	34.8	7.9	5.2	78.2	1.0	B	A	B	C	A	A	91.7	A
LR60.1V	25.5	0.69	31.3	8.1	5.5	80.5	1.0	A	C	A	A	A	A	95.2	A
Average	25.8													95.5	A

VAB (Visible at Bottom)
DO (Dissolved Oxygen)
ND (No Data)

Customer Service

Payment Processing

With 2nd quarter bills due May 18, the Customer Service staff were busy processing 19,259 payments totaling \$2.65M for the month. 7,850 of these payments were through our AutoPay service, up another 271 customers compared to last quarter, and up 56% since we switched to our current merchant services provider in January 2018.

Delinquent Account Processing

In Q1 2021 staff worked to catch up on the back log of delinquent account processing following the postponement of processing under Covid accommodations. This quarter we are processing fewer delinquent accounts than we have seen since 2017.

Information Technology (IT)

Phishing Campaign with Artificial Intelligence (AI)

KnowBe4, our security awareness training vendor, contacted our IT team about a new beta (pre-release) feature which uses artificial intelligence to dynamically simulate social engineering attacks based on the past activity of each user.

Before we started using this AI feature, our simulated phishing campaigns were randomized, predetermined templates. Now, with the AI feature enabled, the AI determines which phishing attack would likely be successful with a specific user.

While the AI feature is still in beta, early tests show that it is very effective – the simulated phishing emails are remarkably clever and more effective training tools. We are excited to work with our vendor to take our testing and training to a whole new level to help protect the District from cyberattacks.

Consultant edits within Geographic Information System (GIS)

As part of a project to model flows within our collections system, the Engineering department requested assistance with setting up a workspace in our GIS system for our engineering consultant to edit and improve specific parts of our GIS data and efficiently incorporate those edits into our live/production environment. Previously, this would have been performed outside of our system, but it would be cumbersome to re-integrate the changes back into the base GIS.

We saw this as an opportunity to address and improve the old, inefficient process. Working with our GIS technician, and our very capable GIS and engineering consultants, we created a workflow that makes editing and consumption of the changes nearly seamless compared to the old workflow. Briefly explained, the consultants edit a version of our GIS that would then be submitted to a QA area. Once the data is reviewed in the QA area, the changes are then further submitted to our live/production GIS.

This is a great example of multiple departments and consultants working together using innovative techniques and technologies to accomplish everyday tasks with much greater accuracy and efficiency, all while working to improve the quality of our GIS.

Loxahatchee River Environmental Center

June 2021



River Center Summary Statistics

LRD'S ENVIRONMENTAL STEWARDSHIP DASHBOARD



Benchmark / Customer Expectation	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
	% 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 5]	% 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%
2018 Baseline	130%	7.3	84%	84%	99%	124%	4.8	7.3	90%	165%
2019 Baseline	134%	7.3	76%	96%	107%	176%	4.7	7.8	96%	100%
2020 Baseline	60%	7.6	28%	47%	56%	65%	4.6	7.8	83%	87%
2020 May	0%	0.0	0%	0%	34%	0%	0.0		85%	67%
June	0%	0.0	0%	0%	16%	0%	0.0		87%	25%
July	0%	0.0	0%	0%	12%	0%	0.0		92%	23%
Aug	0%	0.0	0%	0%	20%	0%	0.0		87%	19%
Sept	38%	7.9	8%	32%	27%		4.1	8.4	74%	19%
Oct	30%	8.0	18%	24%	83%	13%	4.8	7.9	62%	76%
Nov	77%	6.5	48%	45%	67%	60%	4.7	6.9	71%	104%
Dec	95%	8.1	44%		84%	105%	4.7	7.9	74%	81%
2021 Jan	106%	8.1	55%		80%	92%	4.6	7.9	88%	92%
Feb	136%	8.1	66%		67%	89%	4.6	7.5	74%	101%
Mar	282%	8.4	95%	80%	68%	275%	4.6	7.9	78%	85%
Apr	170%	8.6	136%	85%	123%	320%	4.8	7.7	84%	89%
May	161%	8.0	100%	99%	115%	270%	4.4	7.9	89%	72%
Consecutive Months at Green	6	6	3	3	2	3	9	9	2	0
Metric Owner	O'Neill	O'Neill	O'Neill	Harris / Duggan	O'Neill	O'Neill	O'Neill	O'Neill	O'Neill	O'Neill

Metric	Explanation
Revenue	Our paid program offerings are still lower than usual. Summer should see an increase in revenue, though it will not be as high as 2019. We are running at about 60-70% capacity.

River Center General

Volunteer Program - Intro to Volunteering and New Volunteer Training [Saturday, May 1st and 22nd]

As we continue to accept new volunteers in preparation for summer, we held two Introduction to Volunteering meetings. We had 26 people attend to learn about volunteering in different capacities such as visitor services, field trips, family programs, and summer camp. With so many new volunteers starting around the same time, we also held our first ever new volunteer training. Megan Harris focused on front desk training, daily tasks, and general routines. Sara Duggan provided a tour of the aquariums, got volunteers familiar with some of the animals, and answered the most common questions that visitors ask. Volunteers also trained at the touch tank to prepare them for interacting and helping guests while keeping

the animals safe. The River Center is excited to reopen our volunteer program allowing community members to be part of furthering our mission.

LRD Connections:

- *Solid Waste – Volunteer opportunities include garden, beach, and shoreline cleanups.*
- *Stormwater – Volunteers have the opportunity to help with education programs that include runoff, erosion, and pollution.*
- *Water Supply – Volunteers are trained to talk with visitors about the Loxahatchee River, the different ecosystems, and discuss the LRD water board.*



Lifeguard Certification: [Thursday & Friday, May 20-21st]

The summer staff of the River Center completed their waterfront lifeguard certification through the American Red Cross. Training was completed at the Everglades Youth Conservation Camp. The course is designed to equip participants with the skills and knowledge to prepare the River Center summer staff for a variety of scenarios in and around the water. We learned how quick response times and effective preparation are vital to being a lifeguard. We gained the understanding of the crucial elements in preventing drownings and injuries. On May 20th and 21st Jocelyn O'Neill and Megan Harris completed their lifeguard instructor certifications. Now the River Center can run our own lifeguard courses in the future. These certifications will help us throughout the summer and to further the mission of the River Center connecting our community to its water resources safely.

Bamboo Shark: [Tuesday, May 25th]



River Center interns traveled up to New Smyrna Beach to the Marine Discovery Center to collect a Bamboo Shark and a Horseshoe Crab that were donated to the River Center. The Marine Discovery Center has spent over 20 years informing and educating citizens and guests about the amazing biodiversity of the Indian River Lagoon. The Indian River Lagoon boasts more than 4,000 species and spans 156 miles down Florida's east coast — providing countless ways to engage the public. The Bamboo Shark was brought back to the River Center where it was acclimated and then placed into the Coral Reef Tank for visitors to enjoy and learn about. The Coral Reef Tank is located next to a large shark exhibit with informative and interactive displays teaching about sharks. The Horseshoe Crab was acclimated then placed into the Touch Tank for visitors to view and touch in the future.

Special Programs

Mother's Day Fishing Clinic [Saturday, May 8th]



We wanted to honor our mothers with a special fishing clinic just for them. Five children and five adults participated in our Mother's Day Fishing Clinic. This program begins with a classroom session lasting about 45 minutes, where we covered fishing regulations, knot tying, various forms of tackle, fish identification, and the importance of safety while fishing. After the basics are covered, we went outside to try some casting with our fishing poles. The last 45 minutes of the clinic are all about fishing. Our guests bait their hooks and take to the dock to await their potential catches. It was a great day to be outdoors.

LRD Connections:

- Solid waste - Always leave your fishing hole better than you found it. Pack out your trash and recycle monofilament line if possible. Any solid wastes in the ocean can be eaten by fish, or their food, causing health issues and potential fatalities. Solid wastes can also block seagrasses, oysters, and corals from growing, further affecting fish habitats by reducing available food and shelter. Plastic wastes, like monofilament line, will break down into micro-plastics, turning into smaller and smaller pieces of plastic that can be ingested by fish. These micro-plastics can build-up inside an organism's body and become toxic; we call this biomagnification or bioaccumulation. The LRD helps limit the amount of solid waste entering the marine ecosystem by removing solid pollutants through recycling wastewater before it re-enters the ecosystem.
- Water supply - The amount of available water affects how well an ecosystem will function. The water supply and salinity of the Loxahatchee River is affected by not only stormwater but also human water usage from the aquifer systems. Not enough water in the aquifers will lead to higher salt content in the River, which can be harmful to the entire ecosystem. By recycling wastewater, the LRD limits the amount of water being pulled from the aquifers for human usage and leaves water for natural usage.

Science with Sam [Wednesday, May 12th]

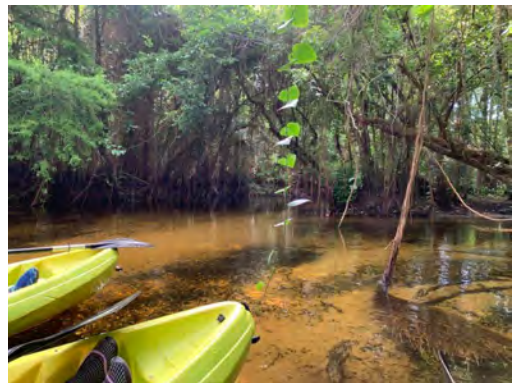
In May, Science with Sam taught one final class for the school year about estuary organisms. This class was taught at Burt Reynolds Park in the water by the kayak launch. Students were taught how to properly catch marine life with dip nets and seine nets. All organisms caught were placed into clear containers for students to view and identify. At the end of class students learned about each creature we caught before releasing them back to the wild. Students learned how and why scientists survey marine areas looking for biodiversity and the importance of wildlife research.

LRD Connections:

- Water Supply – The connection was made to the Wild Pine Lab, and the water quality/oyster/seagrass research they conduct for the Loxahatchee River District on the Loxahatchee River and the surrounding watershed.

Kayak Tour – Lainhart Dam: Wild and Scenic River [Thursday, May 13th]

The River Center once again partnered with the South Florida Water Management District to host a kayak tour launching from Lainhart Dam. This paddle was to celebrate the anniversary of the Wild & Scenic designation of the Loxahatchee River (May 17th). Winding through the fresh water swamp, guests were immersed in the beautiful and scenic parts of the Loxahatchee. We heard tons of birds, saw an abundance of turtles and glided along with giant swallowtail butterflies. It was a magical day on the water and we had 10 guests participate in this event.



LRD Connections: Water Supply: Participants learned first-hand how the water supply to the National Wild & Scenic Northwest Fork of the Loxahatchee River is influenced by hydrologic recharge from wetlands surrounding the river and how water levels in our area fluctuate significantly between wet and dry seasons.

Homeschool Workshops

What's that habitat? Oh Deer! [Friday, May 14th]

This Homeschool Workshop was for students ages 7-10. We had eleven students come to the “What’s that habitat?” lesson. Students learned that all animals (humans, pets, domesticated animals, and wildlife) have similar basic needs. Students identified their own basic needs for food, water, shelter, and space in the proper arrangement. Together these resources make up an animal’s habitat. The main component of this activity was for students to differentiate between the essential requirements for survival verses nonessential resources that make our lives easier or more enjoyable. Students sorted out the essential components for survival. They also played a fun game titled “Oh Deer!” understanding the concepts of carrying capacity, survival of the fittest, and variables that can cause changes in population and in our case using Deer.

LRD Connections:

- *Water supply - Drinking water for animals, including humans and water available to support plants within each habitat*
- *Stormwater – Pollution: threats to animal, including human, habitats*

Squid Dissection [Tuesday, May 18th]

On May 18th the River Center hosted its last Homeschool Workshop of the school year. This program was for students ages 11-13 and we had sixteen students participate in the Squid Dissection Lab. Squids are numerous in the sea, with more than 300 species alive today, and serve as food for many animals including the sperm whale, bony fishes, and human beings. Using proper dissection tools and techniques, students performed a scientific dissection of a squid. They learned the classification of squid, their anatomy, unique characteristics, and adaptations.

LRD Connections:

- *Solid Waste – We discussed how marine debris affects all marine species including squid.*
- *Stormwater – We discussed how pollution that runs off from the land causes harm when it reaches the ocean.*

Outreach

Kid’s Day at Riverbend Park [Saturday, May 15th]

The River Center participated in its first outreach since March of 2020 for Kid’s Day at Riverbend Park. This event featured a day of outdoor activities including games, animal encounters, archery, fishing, and historical reenactments. Our alligator Cypress made his program debut at this event and he was used to discuss the local wildlife that can be found on and around the Loxahatchee River. Throughout the day 175 visitors came to the River Center’s table.



LRD Connections:

- *Solid Waste – Human impacts on the environment: We discussed the removal of solid waste(garbage) from the waterways.*
- *Water Supply – We discussed the natural areas connection to the Loxahatchee River and surrounding water areas.*

Upcoming River Center Events

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

June 19, 9 am – 12 pm: Fishing Clinic: Fishing clinics are a great way for kids to learn the basics of fishing methods and tactics! Make sure to join us for an engaging overview that includes knot tying, fish identification, and of course fishing! The cost is \$10 per child. Interested participants should bring water, sunscreen, a hat, and sunglasses.

June 24, 9:30 a.m. – 12 p.m.: Kayaking 101: Come learn and perfect the basic kayaking strokes to gain confidence and make kayaking your favorite places easier and more fun! Also, learn important safety procedures to keep you safe out there. Participants will get the opportunity to learn how to flip their kayak and re-enter it safely from the water.

June 26, 7 am – 3 pm: AustinBlu Land & Sea Fishing Tournament: Join the River Center and the AustinBlu Foundation for the annual AustinBlu Fishing tournament. This single-day, family-friendly tournament aims to support the education and outreach efforts of the foundation, which is dedicated to teaching people about the importance of safety on the water. This unique tournament includes two competitions! Anglers will have the option to compete in our Release Competition and/or the Harvest Competition. In the Release Competition, anglers will receive points for the number of species and fish caught, photographed, and released. In the Harvest Competition, anglers will compete to catch the heaviest fish out of these 4 categories:

- Saltwater Catfish
- Crevalle Jack
- Snapper (any species)
- Checkered Puffer

Fishing will commence at 7:00 am and with lines out of the water at 3:00 p.m. Anglers will have until 4:00 pm to submit and weigh their catches. The tournament celebration will begin at 5:00 pm. Participants can enjoy food and beverages from local eateries Food Shack, Dune Dog and Kona Ice as well as partake in our various family-friendly activities such as arts & crafts, a bounce house and a campfire which are free to enjoy during the event. Winners will be announced at 6:00 p.m.

July 2, 5:00 p.m. – 7:00 p.m.: Jr. Angler Captain's Meeting: Parents and kids can come by to pick up their lanyards and bracelets and review the rules of the 5-week tournament.

July 3: Jr. Angler Tournament Starts!

July 3, 10:00 a.m. – 12:00 p.m.: Estuary Exploration: Join the River Center in a day of estuary exploration at our Family Seine and Dip Netting Experience! Activities will include exploring our local waterways through dip netting, seining and of course, snorkeling! Participants are welcome to bring snorkeling gear or goggles, but not required. Please make sure to bring sunscreen, water shoes, and plenty of water! Please RSVP to attend!

July 9, Science with Sam Family Fun Night, 6:00 p.m. – 7:00 p.m.: Chemical Reactions

July 10, 10:00 a.m. – 11:30 a.m.: Bloomin' in the Garden: Let's go explore! Join the River Center for our Bloomin' in the Garden program, designed for children ages 3-7. The program will start at 10:00 am in the River Center Chickee Hut with a story time and a garden-themed craft. We will then move to our garden for a hands-on activity. When it is time to go home, children will receive seeds to take home to start their own garden! So, don't miss this exciting opportunity for your little ones to enjoy nature! Spaces are limited and RSVP is required. Only one adult per child please, due to

COVID-19 restrictions. Everyone must wear a mask. Please come prepared and dress comfortably for being outside in the garden. All equipment will be provided, and this program is free of charge. Donations are always welcome. Please RSVP to attend!

July 11, 9:30 a.m. – 12 p.m.: Kayaking 101: Come learn and perfect the basic kayaking strokes to gain confidence and make kayaking your favorite places easier and more fun! Also, learn important safety procedures to keep you safe out there. Participants will get the opportunity to learn how to flip their kayak and re-enter it safely from the water.

July 17, 10:00 a.m. – 12:00 p.m.: Estuary Exploration: Join the River Center in a day of estuary exploration at our Family Seine and Dip Netting Experience! Activities will include exploring our local waterways through dip netting, seining and of course, snorkeling! Participants are welcome to bring snorkeling gear or goggles, but not required. Please make sure to bring sunscreen, water shoes, and plenty of water! Please RSVP to attend!

July 20, 5:30 p.m. – 7:30 p.m.: Sunset Paddle: Enjoy a sunset paddle through the marshes at Pine Glades Natural Area.

July 23, 9:00 am – 12:00 pm: Fishing Clinic: Fishing clinics are a great way for kids to learn the basics of fishing methods and tactics! Make sure to join us for an engaging overview that includes knot tying, fish identification, and of course fishing! The cost is \$10 per child. Interested participants should bring water, sunscreen, a hat, and sunglasses.

July 23, Science with Sam Family Fun Night, 6:00 p.m. – 7:00 p.m.: Estuary Exploration

July 27, 9:30 a.m. – 12 p.m.: Kayaking 101: Come learn and perfect the basic kayaking strokes to gain confidence and make kayaking your favorite places easier and more fun! Also, learn important safety procedures to keep you safe out there. Participants will get the opportunity to learn how to flip their kayak and re-enter it safely from the water.

July 31, 10:00 a.m. – 12:00 p.m.: Estuary Exploration: Join the River Center in a day of estuary exploration at our Family Seine and Dip Netting Experience! Activities will include exploring our local waterways through dip netting, seining and of course, snorkeling! Participants are welcome to bring snorkeling gear or goggles, but not required. Please make sure to bring sunscreen, water shoes, and plenty of water! Please RSVP to attend!

August 3, 10:00 a.m. – 12:00 p.m.: Kayak Tour: Be adventurous and join the River Center for a paddle through the marshes and swamps at the Loxahatchee Slough Natural Area.

August 6, 6:00 p.m. – 8:00 p.m.: Jr. Angler Fish Fry and Awards Ceremony!



LOXAHATCHEE RIVER DISTRICT

Celebrating 50 Years, 1971-2021

MEMORANDUM

D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR

To: D. Albrey Arrington, Ph.D., Executive Director
From: Travis Bains, CSHO, ENS, Safety Compliance Officer
Date: June 11, 2021
Subject: District Safety Report for May 2021

Stephen B. Rockoff
CHAIRMAN

Gordon M. Boggie
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Harvey M. Silverman
BOARD MEMBER

James D. Snyder
BOARD MEMBER

Safety Metrics: May 2021

OSHA recordable injuries: One

Lost time injuries: None

Actual TRIR: 2.7

TRIR = Total Recordable Incident
Rate [Goal <4.4]

Goal Zero For 2021

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.*

Injury

A LRD Team Member hyper extended his knee while exiting his work truck onto uneven ground. The injury was recognized as OSHA recordable because physical therapy has been prescribed for treatment. The affected employee did not experience any lost time due to the injury.

Training

For the month of May there was a double push for training. Slips, Trips, and Falls and Back Injury Prevention. Not paying attention is and remains the leading cause to a slip, trip or falls. Back injuries account for 20% of all injuries. These particular injuries may have a long-lasting effect on employees. Historical data shows proper stretching, proper lifting, and obtaining assistance will decrease these injuries.

Time was spent with Field Crews assisting them with Permit Required Confined Space and Non-Permit Confined Space as well as computer-based training. Confined Spaces are defined as: Limited entry and egress, not suitable for human inhabitants. A permitted confined space has one or more the following: contains or has the potential to contain a hazardous atmosphere; contains material that has the potential to engulf an entrant; has walls that converge inward or floors that slope downward and taper into a smaller area which could trap or asphyxiate an entrant; or contains any other recognized safety or health hazard, such as unguarded machinery, exposed live wires, or heat stress. Whereas a non-permitted confined space has none of the above. Employees were taught to identify the difference and make a sound judgement on the conditions presented. As with all confined spaces, an accurate reading for the atmospheric hazards is and will remain the first step prior to entering.

1910.146 Appendix E - Sewer System Entry is an excellent resource for understanding how a confined space is defined and how it works.

2500 Jupiter Park Drive
Jupiter, Florida 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

loxahatcheeriver.org

Water Reclamation - Environmental Education - River Restoration

This month the District Safety Officer worked with crews to conduct targeted hazard analyses for the following projects:

Confined Space (Collections/Safety/Construction)

Primary hazards: leading edge safety (laying tools and equipment on edges), confined space, ventilation (air changes per hour), chipping (eye wear), tight spaces (ergonomics), gas monitoring (bump testing and calibration date checks), inspection of emergency retrieval system (davit arm and personal harness).

Job Hazard Analysis: Permitted Confined Space, Atmospheric Hazards, Depth of well safety (ladder safety).

Job site safety assessment conducted.

Air Release Assembly Evaluation (Collections/Construction)

Primary hazards: maintenance of traffic, underground utilities (811 Sunshine), pressure on pipe, raw sewage, valve leak-by.

Job Hazard Analysis: toolbox talk.

Shop Welding (Maintenance)

Primary hazards: eye wear (safety glasses and checking of welding glass tint) leathers, gloves (leather) welding screen in place, fumes and gases.

Job Hazard Analysis: toolbox talk

Job site safety assessment conducted.

Oxy/Fuel Safety – CNC Machine Cutting (Maintenance)

Primary hazards: pre-inspection of hoses, separation of gases, correct tip for task, correct lens for oxy/act cutting, sparks from CNC plasma machine.

Mechanical Hazard: sharp edges, burns, gloves (leather),

Job Hazard Analysis: toolbox talk

Job site safety assessment conducted.

Road patching (Construction)

Primary hazards: maintenance of traffic (oncoming traffic, distracted drivers), power tool inspections, fires, hot surfaces, propane torch (blower, open flame) leather gloves, heavy lifting,

Job Hazard Analysis: toolbox talk.

Job site safety assessment conducted.

Safety Department has begun reminding employees that a simple and quick way to prevent or assess a hazard is too, ask the 4 Q's. Asking these 4 questions; before, during and after a task is the best way to prevent an injury.

Hazard Analysis

4 Questions that could save your life.

- I. What am I about to do?
- II. How could I get hurt?
- III. What am I going to do to prevent injury?
- IV. What procedures, facilities, and equipment will I use to minimize my risk of injury?

Safety Quote of the month: *I never lose, I either win or learn.*



LOXAHATCHEE RIVER DISTRICT

Celebrating 50 Years, 1971-2021

D. Albrey Arrington, Ph.D.
EXECUTIVE DIRECTOR

MEMORANDUM

Gordon M. Boggie
CHAIRMAN

TO: Governing Board
FROM: Administration Staff
DATE: June 17, 2021
SUBJECT: Consultant Payments

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

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

James D. Snyder
BOARD MEMBER

	<u>Prior Month</u>	<u>Fiscal YTD</u>
Shenkman, PA	\$21,615.00	\$93,774.40
Baxter & Woodman	\$21,238.80	\$83,695.39
Carollo	\$14,876.13	\$81,570.15
Chen Moore	\$6,985.08	\$6,985.08
Holtz	\$30,111.02	\$189,970.62
KCI	\$24,834.77	\$34,718.37

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

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Jupiter, Florida 33458

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Water Reclamation - Environmental Education - River Restoration



Future Business

General:

- Fiscal Year 2022 Budget

Neighborhood Sewering:

- Preliminary Assessment SE Hobart Street

Future Contracts:

- Greenhouse Gas Study
- Construction Contract for Injection Well Pump Station Generator Connection
- Clarifier #3 Rehabilitation

Potential Workshops:

- Discussion of River Center Operations
- Discussion of 20 Acres Site Plan
- Discussion of 2500 Jupiter Park Dr Site Plan

