

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

AGENDA REGULAR MEETING #20-2016 NOVEMBER 17, 2016 – 7:00 PM AT DISTRICT OFFICES ALL MEETINGS ARE OPEN TO THE PUBLIC

1. Call to Order & Pledge of Allegiance
2. Administrative Matters
 - A. Roll Call
 - B. Previous Meeting Minutes **Page 4**
 - C. Additions and Deletions to the Agenda
3. Comments from the Public
4. Status Updates
 - A. Loxahatchee River Watershed **Page 10**
 - B. Loxahatchee River District Dashboard **Page 11**
5. Consent Agenda (see next page) **Page 12**
6. Regular Agenda
 - A. Consent Agenda Items Pulled for Discussion
 - B. Proposed Jupiter Farms Elementary Force Main **Page 99**
 - C. Odor Control Chemicals – approve extension of contract **Page 107**
 - D. Gravity Service Lateral Lining Project **Page 111**
 - E. Gravity Sewer Main Lining Project **Page 113**
7. Reports (see next page) Pulled for Discussion
8. Future Business **Page 161**
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 will need a record of the proceedings, and that, for such purpose, he may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.”

Submitted by:
Date: November 7, 2016

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

5. CONSENT AGENDA

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

- A. Rescind Notice of Intent to Assess – Harken Terrace Services (Res. 2016-04) **Page 13**
- B. Amend Notice of Intent to Assess – Shay Place (Res. 2016-26) **Page 16**
- C. Whispering Trails – Notice of Intent to Assess (Res. 2016-27) **Page 18**
- D. Whispering Trails – approve engineering contract **Page 33**
- E. 17726 Carver Ave – Final Assessment (Res. 2016-33) **Page 47**
- F. Turtle Creek Subsystem 1 – Notice of Intent to Assess (Res. 2016-34) **Page 54**
- G. Hyland Terrace SE Phase II – Notice of Intent to Assess (Res. 2016-35) **Page 62**
- H. 10957 SE Harken Terrace – Notice of Intent to Assess (Res. 2016-36) **Page 70**
- I. Turtle Creek Subsystems 2 & 3 – approve engineering contract **Page 78**
- J. R&R Case Skid Steer Loader – to approve equipment purchase **Page 88**
- K. Alternate A1A Bridge Force Main – to approve engineering services contract **Page 91**
- L. Change Orders to Current Contracts – to approve modifications **Page 97**

7. REPORTS

- A. Neighborhood Sewering **Page 115**
- B. Legal Counsel’s Report **Page 118**
- C. Engineer’s Report **Page 123**
- D. Busch Wildlife Sanctuary **Page 128**
- E. Friends of the Loxahatchee River **Page 129**
- F. Director’s Report **Page 138**

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

AGENDA
PUBLIC HEARING #19-2016
NOVEMBER 17, 2016 - 6:55 P.M. AT DISTRICT OFFICES
ALL MEETINGS ARE OPEN TO THE PUBLIC

1. Call to Order and Pledge of Allegiance
2. Roll Call
3. To receive public comments pertaining to the Final Assessment Roll for 17726 Carver Ave.
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 will need a record of the proceedings, and that, for such purpose, he 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."

A handwritten signature in blue ink, appearing to be 'D. Albrey Arrington'.

Submitted by:
Date: November 7, 2016

data:\admin\board\agendaPH

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org

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



MEMORANDUM

TO: Governing Board

FROM: Recording Secretary

DATE: November 7, 2016

RE: Approval of Meeting Minutes

Attached herewith are the minutes of the Regular Meeting of October 20, 2016. As such, the following motion is presented for your consideration.

“THAT THE GOVERNING BOARD approve the minutes of the October 20, 2016 Regular Meeting as submitted.”

J:\BOARD\MinutesSamples\MinutesMemo.docx

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

Ref: #18-2016

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
REGULAR MEETING - MINUTES
OCTOBER 20, 2016

1. CALL TO ORDER

Chairman Boggie called the Regular Meeting of October 20, 2016 to order at 7:00 pm.

2. ADMINISTRATIVE MATTERS

A. ROLL CALL

The following Board Members were in attendance.

Mr. Silverman
Mr. Snyder
Mr. Boggie

Staff Members in attendance were Dr. Arrington, Mr. Yerkes, Mr. Dean, Ms. Peterson, Mr. Howard, Mr. Cruz, Mr. Reynolds and Mr. Vaughn.

Consultants in attendance were Mr. Koroshek and Mr. Bomarito from Hazen and Sawyer, Mr. Robinson from Holtz, Ms. Marshall from Mathews, Mr. Kuehn from The Gehring Group and Mr. Shenkman with DeSantis, Gaskill.

B. PREVIOUS MEETING MINUTES

The minutes of the Public Hearings and Regular Meeting of September 15, 2016 were presented for approval and the following motion was made.

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

“THAT THE GOVERNING BOARD approve the minutes of the September 15, 2016 Public Hearings and Regular Meeting as submitted.”

C. ADDITIONS & DELETIONS TO THE AGENDA

No changes were made.

3. COMMENTS FROM THE PUBLIC

Mr. Michael Howard with the Jupiter Farms Environmental Council, Mr. Michael Ryan with South Indian River Water Control District and Ms. Kristen Atwood with Jupiter Farms

Residents expressed concern about the extension of sewer lines to Jupiter Farms Elementary School. They appeared particularly concerned about potentially requiring residential properties in Jupiter Farms to connect to the proposed Force Main.

4. STATUS UPDATES

A. LOXAHATCHEE WATERSHED STATUS

Dr. Arrington gave an overview of the District's hurricane preparations and commended staff on their actions before, during and after Hurricane Matthew.

B. LOXAHATCHEE RIVER DISTRICT DASHBOARD

Dr. Arrington reviewed the District Dashboard.

5. CONSENT AGENDA

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

“THAT THE GOVERNING BOARD approve the Consent Agenda of October 20, 2016 as presented.”

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

A. Preliminary Assessment – 17726 Carver Ave. (2016-31)

“THAT THE GOVERNING BOARD approve Resolution 2016-31 adopting the 17726 Carver Ave. Preliminary Assessment Roll.”

B. Suntrust-Bank and Credit Card Fees – to approve purchase order

“THAT THE DISTRICT GOVERNING BOARD authorize Purchase Order #16-1158 in the amount of \$75,000 for Fiscal Year 2017 for credit card and online payment fees from SunTrust.”

C. Billing (Arista) – to approve purchase order

“THAT THE DISTRICT GOVERNING BOARD authorizes the Executive Director to approve a purchase order to Arista Information Systems, Inc. in the amount not-to-exceed \$85,000 for printing, postage and digital archives of the District's sewer bill according (to) our agreement dated December 22, 2015.

D. Process Control (Process Control Consultants) – to renew contract

“THAT THE DISTRICT GOVERNING BOARD authorize approval of the first year of the three 1-year renewals of the contract with Process Control Consultants, Inc. for the Wastewater Process Control Systems Maintenance and Modification Contract, in the amount of \$142,800.00.”

E. Disposal of Fixed Assets– to authorize disposal

“THAT THE GOVERNING BOARD authorize the Executive Director to dispose of tangible personal property including the fixed asset numbers PE0066 and FF61 (tag number 1285), as listed in the schedule above. The fixed assets have no book value.”

F. Vehicle purchases – to authorize purchase

“THAT THE DISTRICT GOVERNING BOARD authorize award of contract to Duval Ford, for the provision of one (1), new, 2017 Ford F-250 XL, 4x4, Super Duty Super Cab, in accordance with District specifications and in the amount of \$51,334.00.”

and

“THAT THE DISTRICT GOVERNING BOARD authorize award of contract to Jarrett Gordon Ford, for the provision of one (1), new, 2017, Ford F-550 4x2, Super-Duty, Super Cab DRW Cab & Chassis, with Aftermarket Crane Body and Crane in accordance with District specifications and in the amount of \$105,543.00.”

G. Change Orders to Current Contracts – to approve modifications

“THAT THE DISTRICT GOVERNING BOARD authorize approval of Change Order #1 to the Jupiter Inlet Colony Neighborhood Rehabilitation contract with Giannetti Contracting, Inc., in the amount of \$101,705.48, and increasing the contract time by 196 days.”

6. REGULAR AGENDA

A. Consent Agenda Items Pulled for Discussion.

No items were pulled.

B. Notice of Intent to Assess-Turtle Creek Subsystem 2 (Resolution 2016-32)

Dr. Arrington reviewed Mr. Yerkes memo regarding the sewer system for this area.

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

“THAT THE GOVERNING BOARD approve Resolution 2016-32, the Notice of Intent to Assess, the Pending Lien Notice, and the Exhibits for the Turtle Creek Subsystem 2 Assessment Area.”

C. A/C Replacement – award of contract

Dr. Arrington reviewed the memo outlining the replacement of the operations building air conditioning system.

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

“THAT THE DISTRICT GOVERNING BOARD authorize award of contract to Thermal Concepts, Inc. for performance of the Air Conditioning System Replacement Contract (Bid #15-007-CBAC) in accordance with their bid of \$44,223.00.”

D. Health Insurance

Dr. Arrington reviewed his memo regarding employee health insurance.

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

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director to renew Florida Blue BlueOptions Predictable Cost-03559 health insurance policy for 2017 and offer Humana Vision 130 as a voluntary policy.”

and

“THAT THE DISTRICT GOVERNING BOARD authorize the Executive Director renew the following policies for 2017: United Concordia Dental Insurance, and The Lincoln Financial Basic Life and Accidental Death & Dismemberment, and Long Term Disability.”

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. FRIENDS OF THE LOXAHATCHEE RIVER
- F. DIRECTOR’S REPORT

8. FUTURE BUSINESS

Jupiter Farms Commercial sewerage will be added to the Agenda for the next Board Meeting.

9. COMMENTS FROM THE BOARD

No comments were received.

10. ADJOURNMENT

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

“That the Regular Meeting of October 20, 2016 adjourn at 8:00.”

BOARD CHAIRMAN

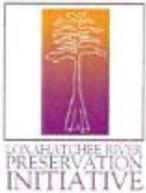
BOARD SECRETARY

RECORDING SECRETARY



Loxahatchee River Watershed Status Loxahatchee River Preservation Initiative (LRPI) Update

The Loxahatchee River Preservation Initiative (LRPI), a multiagency partnership, has guided \$43 million in regional restoration projects throughout the Loxahatchee River watershed. Each year the participants submit projects for funding from the State Legislature. State funds are leveraged with local funds in a 50/50 cost share. At our meeting we will summarize some of the great restoration work completed through the LRPI, as well as the projects submitted and ranked for the 2018 fiscal year.



South Florida Water Management District | Florida Department of Environmental Protection (Florida Park Service) | Friends of the Loxahatchee River | Jupiter Inlet District
Loxahatchee River Environmental Control District | Martin County | Palm Beach County
South Indian River Water Control District | Town of Jupiter | Village of Tequesta | Public at Large



LOXAHATCHEE RIVER DISTRICT'S EXECUTIVE DASHBOARD



| Stewardship | | Wastewater | | | | | | Engineering | General Business | | | | | EHS | River Health | | |
|----------------------------------|--------------------------|-----------------------------|-----------------------|---------------------------------|-------------------|-----------------------------|-------------------------------------|----------------------|--------------------------|--------------------|------------------|-----------------|-----------------|-------------------------------|-----------------------------|---------------------|-------------------------------------|
| # People educated at RC | Mean Daily Incoming Flow | Delivery of Reclaimed Water | Customer Service | Sewer Overflow | Permit exceedance | NANO Blend to Reuse (@ 511) | Grease Interceptor Inspections | Cash Available | Revenue (non-assessment) | Operating Expenses | Capital Projects | | Employee Safety | Lainhart Dam Daily Flow | Salinity @ NB seagrass beds | River Water Quality | |
| Benchmark / Customer Expectation | # people | million gallons/day | # days demand not met | # blockages with damage in home | # occurrences | # occurrences | Max Specific Conductance (umhos/cm) | % requiring pump out | \$ | % of Budget | % of Budget | % within budget | % on time | # of OSHA recordable injuries | Flow (cfs) | ‰ | Fecal Coliform Bacteria (cfu/100ml) |
| Green Level | ≥ 1,500 | < 7.7 | Zero | Zero | Zero | Zero | <1542 | ≤ 15 | ≥ \$9,894,657 | ≥ 95% | ≥ 85% but ≤ 105% | ≥ 80% | ≥ 80% | Zero | mean ≥ 69 | min ≥ 20 ‰ | 90% of sites ≤ 200 |
| Yellow | ≤ 1,500 | < 8.8 | ≥ 2 | 1 | ≤ 2 | 1 | ≤ 1875 | ≤ 25 | < \$9,894,657 | ≥ 90% | ≥ 80% | ≥ 60% | ≥ 60% | - | mean ≥ 35 | min ≥ 10 ‰ | 2 or more sites >200 but ≤ 400 |
| Red | ≤ 1,250 | ≥ 8.8 | ≥ 9 | ≥ 2 | > 2 | ≥ 2 | > 1875 | > 25 | < \$5,557,057 | < 90% | < 80% or > 105% | < 60% | < 60% | ≥ 1 | min < 35 | min < 10 ‰ | ≥ 2 sites > 400 |
| 2012 Baseline | 1,691 | 6.7 | 0 | 0 | 1 | 1 | 1,162 | | \$ 21,205,340 | 101% | 86% | 95% | 87% | 0 | 108 | 22 | 1 > 200 |
| 2013 Baseline | 2,118 | 6.8 | 1 | 0 | 1 | 0 | 1,029 | | \$ 25,550,033 | 105% | 91% | 88% | 52% | 0 | 132 | 20.0 | 1 > 200 |
| 2014 Baseline | 2,120 | 6.8 | 0 | 0 | 1 | 0 | 978 | 11 | \$ 27,415,251 | 102% | 104% | 95% | 86% | 0 | 140 | 21.9 | 1 > 200 |
| 2015 Baseline | 2,139 | 6.8 | 0 | 0 | 1 | 0 | 1,093 | 14 | 30,199,659 | 104% | 111% | 92% | 78% | 0 | 78 | 24.8 | 0 > 200 |
| 2015 | Nov | 1,276 | 6.5 | 0 | 0 | 4 | 1026 | 15 | \$ 32,678,126 | 94% | 78% | 100% | 82% | 0 | 58 | 30.1 | 0 > 200 |
| | Dec | 1,405 | 7.2 | 0 | 0 | 0 | 1023 | 20 | \$ 32,536,481 | 94% | 82% | 100% | 82% | 0 | 196 | 13.9 | 2 > 200 |
| 2016 | Jan | 1,689 | 7.6 | 0 | 0 | 1 | 962 | 14 | \$ 33,243,678 | 94% | 82% | 100% | 82% | 0 | 160 | 11.0 | 0 > 200 |
| | Feb | 2,811 | 7.6 | 0 | 0 | 3 | 903 | 15 | \$ 34,527,506 | 95% | 83% | 100% | 82% | 0 | 193 | 8.6 | 0 > 200 |
| | Mar | 2,934 | 7.4 | 0 | 0 | 2 | 1042 | 14 | \$ 33,770,240 | 96% | 86% | 100% | 82% | 0 | 115 | 12.4 | 1 > 200 |
| | Apr | 1,866 | 6.9 | 0 | 0 | 2 | 974 | 15 | \$ 33,632,921 | 95% | 90% | 100% | 82% | 0 | 117 | 9.3 | 0 > 200 |
| | May | 1,667 | 6.6 | 0 | 0 | 0 | 1074 | 10 | \$ 34,108,220 | 96% | 90% | 100% | 82% | 0 | 25 | 16.4 | 0 > 200 |
| | June | 2,842 | 6.3 | 0 | 0 | 0 | 1076 | 10 | \$ 32,610,630 | 96% | 90% | 100% | 82% | 0 | 124 | 23.7 | 1 > 200 |
| | July | 2,942 | 6.0 | 3 | 0 | 0 | 1170 | 3 | \$ 32,930,264 | 96% | 90% | 100% | 75% | 0 | 82 | 27.0 | 1 > 200 |
| | Aug | 2,164 | 6.1 | 0 | 0 | 0 | 1177 | 10 | \$ 33,614,905 | 96% | 89% | 100% | 75% | 0 | 86 | 22.5 | 3 > 200 |
| | Sept | 1,260 | 6.1 | 0 | 0 | 0 | 1130 | 14 | \$ 31,704,142 | 96% | 90% | 100% | 75% | 0 | 144 | 19.3 | 1 > 200; 2 > 400 |
| | Oct | 2,729 | 6.4 | 0 | 0 | 2 | 1130 | 12 | \$ 32,240,265 | 92% | 66% | 100% | 100% | 0 | 150 | 14.7 | 0 > 200 |
| | Nov | | | | | | | | | | | | | | | | |
| Consecutive Months at Green | 1 | 89 | 3 | 15 | 0 | 39 | 74 | 10 | 89 | 55 | 0 | 14 | 1 | 13 | 5 | 0 | 1 |
| Metric Owner | O'Neill | Vaughn | Vaughn | Dean | Dean | Vaughn | Vaughn | Dean | Peterson | Peterson | Peterson | Yerkes | Yerkes | Vaughn | Howard | Howard | Howard |

Metric
 Sewer Overflow
 Operating Expenses
 Salinity

Explanation

(1) A very minor overflow occurred on Saturn Ln when a heavy vehicle ran over a valve collar and cracked our low pressure force main. (2) A sewer overflow occurred at Lift Station 114 (Bluffs Marina) due to a power surge that damaged control panel components, thwarting automated control of our lift station. Typical for the first month of the fiscal year, our actual expenses are below straight-line budget projections. This should level out over the next few months. Due to rainfall and freshwater flows over Lainhart Dam, salinity in North Bay fell to 14.7 parts per thousand.

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

TO: Governing Board
FROM: D. Albrey Arrington, Executive Director
DATE: November 7, 2016
SUBJECT: Consent Agenda

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

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

- A. Rescind Notice of Intent to Assess – Harken Terrace Services (Res. 2016-04)
- B. Amend Notice of Intent to Assess – Shay Place (Res. 2016-26)
- C. Whispering Trails – Notice of Intent to Assess (Res. 2016-27)
- D. Whispering Trails – approve engineering contract
- E. 17726 Carver Ave – Final Assessment (Res. 2016-33)
- F. Turtle Creek Subsystem 1 – Notice of Intent to Assess (Res. 2016-34)
- G. Hyland Terrace SE Phase II – Notice of Intent to Assess (Res. 2016-35)
- H. 10957 SE Harken Terrace – Notice of Intent to Assess (Res. 2016-36)
- I. Turtle Creek Subsystems 2 & 3 – approve engineering contract
- J. R&R Case Skid Steer Loader – to approve equipment purchase
- K. Alternate A1A Bridge Force Main – to approve engineering services contract
- L. Change Orders to Current Contracts – to approve modifications

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

The following motion is provided for Board consideration:

"THAT THE GOVERNING BOARD approve the Consent Agenda of November 17, 2016 as presented."

Signed,

D. Albrey Arrington
Executive Director

L:/Board/Consent

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

TIMOTHY W. GASKILL
*Business, Probate
Family Litigation*



LEGAL ASSISTANTS
**CIVIL TRIAL, PROBATE
AND FAMILY LAW**
KAREN M. BOYDEN-LOPATOSKY
MINDY VASSER

DONALD R. SMITH
*Personal Injury & Wrongful Death
Commercial Litigation*

DESANTIS, GASKILL, SMITH & SHENKMAN, P.A.

ATTORNEYS & COUNSELORS AT LAW

ESTABLISHED 1973

11891 U.S. HIGHWAY ONE, SUITE100
NORTH PALM BEACH, FLORIDA 33408

TELEPHONE (561) 622-2700 FACSIMILE (561) 622-2841

www.LawPalmBeach.com

PERSONAL INJURY
ROBIN B. MODLIN, CP
HEATHER SHEFLIN
REAL ESTATE
JUDY D. MONTEIRO
DENISE B. PAOLUCCI

CURTIS L. SHENKMAN
*Board Certified
Real Estate Attorney*

BROOKE GROGAN
Attorney

October 27, 2016

Sent by email

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

Re: TERMINATION Resolution for **SE HARKEN TERR SERVICES** Assessment Area

Dear Dr. Arrington and Mr. Yerkes:

Per your request, please attach to this letter the TERMINATION OF PENDING LIEN.

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

"THAT THE GOVERNING BOARD approve TERMINATION of the PENDING LIEN NOTICE for the **SE HARKEN TERR SERVICES** Assessment Area."

I will bring the original to be signed at the Governing Board meeting. Thereafter the District will record in the Public Records.

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

PREPARED BY AND RETURN TO:
Curtis L. Shenkman, Esquire
DeSantis, Gaskill, Smith & Shenkman, P.A.
11891 U.S. Highway One, Suite 100
North Palm Beach, Florida 33408

TERMINATION OF PENDING LIEN
SE HARKEN TERR SERVICES ASSESSMENT AREA

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida hereinafter referred to as the "District") created in 1971 and existing pursuant to Chapter 2002-358, Laws of Florida, (the "Act"), hereby **TERMINATES THE EXISTING NOTICE OF INTENT TO ASSESS, recorded on JANUARY 22, 2016 in Official Record Book 2831, Pages 989 through 994, Public Records of MARTIN County, Florida.**

Any inquiries as to the TERMINATION OF Pending Lien and the completion of construction and payment of said special assessments should be directed to: LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

2500 Jupiter Park Drive
Jupiter, Florida 33458
Phone: (561) 747-5700

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, hereby certifies that on this 17th day of November, 2016, the information contained herein is true and accurate.

LOXAHATCHEE RIVER ENVIRONMENTAL
CONTROL DISTRICT

By: _____
Albrey Arrington
EXECUTIVE DIRECTOR
[DISTRICT SEAL]

STATE OF FLORIDA
COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me this 17th day of November, 2016, by Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, on behalf of the District, personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

Mr. John Scotten
10945 SE Harken Terr
Tequesta FL 33469
re: 10945 SE Harken Terr
24-40-42-001-008-00130-3

Mr. Scott Zarrello
10802 Harken Terr
Tequesta FL 33469
re: 10802 SE Harken Terr
24-40-42-001-012-00020-8

TIMOTHY W. GASKILL
*Business, Probate
Family Litigation*



LEGAL ASSISTANTS
**CIVIL TRIAL, PROBATE
AND FAMILY LAW**
KAREN M. BOYDEN-LOPATOSKY
MINDY VASSER

DONALD R. SMITH
*Personal Injury & Wrongful Death
Commercial Litigation*

DESANTIS, GASKILL, SMITH & SHENKMAN, P.A.

ATTORNEYS & COUNSELORS AT LAW

ESTABLISHED 1973

11891 U.S. HIGHWAY ONE, SUITE100
NORTH PALM BEACH, FLORIDA 33408

TELEPHONE (561) 622-2700 FACSIMILE (561) 622-2841

www.LawPalmBeach.com

PERSONAL INJURY
ROBIN B. MODLIN, CP
HEATHER SHEFLIN

REAL ESTATE
JUDY D. MONTEIRO
DENISE B. PAOLUCCI

CURTIS L. SHENKMAN
*Board Certified
Real Estate Attorney*

BROOKE GROGAN
Attorney

November 9, 2016

Sent by email

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

Re: Amended Pending Lien for **SHAY PLACE** Assessment Area

Dear Dr. Arrington and Mr. Yerkes:

Per your request, please attach to this letter the Amended Pending Lien Notice, which removed one Property from the preliminary List of Property Owners.

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

"THAT THE GOVERNING BOARD approve the AMENDED PENIDNG LIEN NOTICE for the **SHAY PLACE** Assessment Area."

I will bring the original to be signed at the Governing Board meeting. Thereafter the District will record in the Public Records.

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RETURN TO: WC-53
Curtis L. Shenkman, Esquire
DeSantis, Gaskill, Smith & Shenkman, P.A.
11891 U.S. Highway One
North Palm Beach, Florida 33408

AMENDED PENDING LIEN NOTICE
SHAY PLACE ASSESSMENT AREA

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, created in 1971 and existing pursuant to Chapter 2002-358, Laws of Florida (hereinafter referred to as the "District"), hereby **AMENDS THE EXISTING NOTICE OF INTENT TO ASSESS**, recorded on August 22, 2016 in Official Record Book 28519, Pages 1833 through 1839, Public Records of Palm Beach County, Florida, to remove the following Property and Property Owner from the Assessment:

Mr. Robert Rohmann
11 Shay Place
Tequesta, FL 33469
PCN: 60-42-40-25-00-000-5330

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, herein certifies that on this 17th day of NOVEMBER, 2016, 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 this 17th day of November, 2016, 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, personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

TIMOTHY W. GASKILL
*Business, Probate
Family Litigation*



LEGAL ASSISTANTS
**CIVIL TRIAL, PROBATE
AND FAMILY LAW**
KAREN M. BOYDEN-LOPATOSKY
MINDY VASSER

PERSONAL INJURY
ROBIN B. MODLIN, CP
HEATHER SHEFLIN

REAL ESTATE
JUDY D. MONTEIRO
DENISE B. PAOLUCCI

DONALD R. SMITH
*Personal Injury & Wrongful Death
Commercial Litigation*

DESANTIS, GASKILL, SMITH & SHENKMAN, P.A.

ATTORNEYS & COUNSELORS AT LAW

ESTABLISHED 1973

11891 U.S. HIGHWAY ONE, SUITE100
NORTH PALM BEACH, FLORIDA 33408

TELEPHONE (561) 622-2700 FACSIMILE (561) 622-2841

www.LawPalmBeach.com

CURTIS L. SHENKMAN
*Board Certified
Real Estate Attorney*

BROOKE GROGAN
Attorney

November 8, 2016

Sent by email

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

Re: Initial Resolution for **WHISPERING TRAILS** Assessment Area

Dear Dr. Arrington and Mr. Yerkes:

Per your request, please attach to this letter the Pending Lien Notice, Notice of Intent to Assess, Resolution 2016-27, the PROPOSED "Exhibit B Description of Improvements", "Exhibit B Map of the Assessment Area", and preliminary List of Property Owners.

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

"THAT THE GOVERNING BOARD approve Resolution 2016-27 the NOTICE OF INTENT to Assess, the Pending Lien Notice, and the Exhibits for the **WHISPERING TRAILS** Assessment Area."

I will bring the originals to be signed at the Governing Board meeting. Thereafter the District will record in the Public Records.

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RETURN TO: WC-53
Curtis L. Shenkman, Esquire
DeSantis, Gaskill, Smith & Shenkman, P.A.
11891 U.S. Highway One
North Palm Beach, Florida 33408

PENDING LIEN NOTICE
WHISPERING TRAILS ASSESSMENT AREA

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

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

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

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, herein certifies that on this 17th day of November, 2016, 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 this 17th day of November, 2016, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, on behalf of the District, personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA
Special/Assessment/PendingLienNotice

RETURN TO: WC-53
Curtis L. Shenkman, Esquire
DeSantis, Gaskill, Smith & Shenkman, P.A.
11891 U.S. Highway One
North Palm Beach, Florida 33408

**NOTICE OF INTENT TO ASSESS
WHISPERING TRAILS ASSESSMENT AREA**

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida (the “District”) **created in 1971 and existing pursuant to Chapter 2002-358, Laws of Florida**, (the “Act”), hereby gives public notice that the District’s Governing Board on the 17th day of October 15, 2016, passed Resolution **2016-27**, authorizing the construction of certain local sewer improvements as further described in said Resolution **2016-27**, which is attached hereto as Exhibit “A”. It is the intent of the District to assess the owners of property specially benefited by such sewer improvements, which property is further described on the attached **Exhibit “B”**, and to apportion the District’s costs for the total expenses related to the design and construction of said improvements, based upon each owner’s proportionate share of said costs determined upon a square footage basis, or by other methods as the Governing Board may deem fair and equitable, pursuant to the Act and Rules of the District, as same may be amended from time to time hereafter.

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, hereby certifies on this 17th day of NOVEMBER, 2016, that the information contained herein is true and accurate.

WITNESSES:

D. Albrey Arrington
Executive Director

STATE OF FLORIDA
COUNTY OF PALM BEACH

SWORN TO and subscribed before me this 17th day of November, 2016, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, who is personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

Special/Assessment/NoticeIntentToAssess

RESOLUTION 2016-27

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

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the "District") has considered the need for improvements to the **WHISPERING TRAILS** Assessment Area (the "Area") in Palm Beach County, Florida;

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

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

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

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

Section 1. Title:

This Resolution shall be known as the Resolution Authorizing the Project known as "**WHISPERING TRAILS** Assessment Area Improvements".

Section 2. Nature of Improvements:

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

Section 3. Designation of Streets to be Improved:

The streets included within the **WHISPERING TRAILS** Assessment Area Improvements are set forth on Composite Exhibit "B".

Section 4. Plans, Specifications and Tentative Apportionment:

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

Section 5. Public Inspection:

The Plans, Specifications and tentative apportionments for the **WHISPERING TRAILS** Assessment Area Improvements shall be available for inspection in the Office of the Executive Director,

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

Section 6. Assessment Roll:

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

Section 7. Availability for Connection and Required Connection:

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

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

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

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

PASSED AND ADOPTED BY THE GOVERNING BOARD OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, THIS 17th DAY OF NOVEMBER, 2016.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
VOTE

GORDON M. BOGGIE, Chairman

STEPHEN ROCKOFF

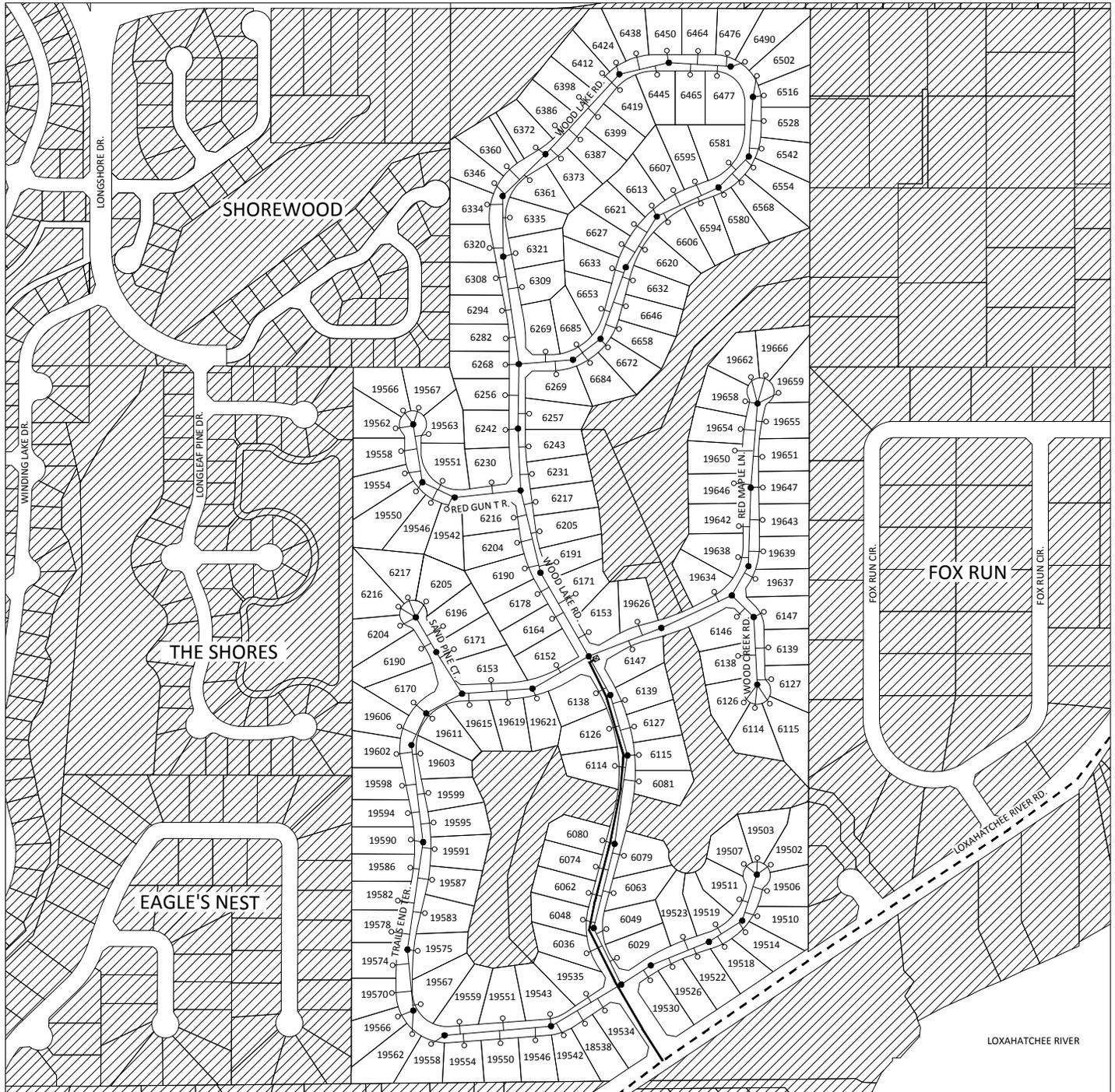
HARVEY M. SILVERMAN

JAMES D. SNYDER

DR. MATT H. ROSTOCK

EXHIBIT "B"

WHISPERING TRAILS SEWER SYSTEM ASSESSMENT AREA



LEGEND

- NOT IN ASSESSMENT AREA
- PROPOSED GRAVITY LINE
- PROPOSED LIFT STATION
- PROPOSED MANHOLE
- PROPOSED FORCEMAIN
- PROPOSED GRAVITY SERVICE
- EXISTING FORCEMAIN

JUPITER, FLORIDA

EXHIBIT “B”

PROPOSED SEWER SERVICE ASSESSMENT AREA

WHISPERING TRAILS NEIGHBORHOOD ASSESSMENT AREA

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

On the North by the Fox Run subdivision;
On the South by The Shores;
On the East by Loxahatchee River Road; and
On the West by the Northfork subdivision.

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

1 Lift Station
1,600 L.F. of 4” PVC Force Main
11,216 L.F. of 8” PVC Gravity Main
48 Manholes
181 Services

Mr. & Mrs. Gregory Clark
re: 19534 Trails End Ter
19534 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-001-0010

Ms. Gloria Pelchen
re: 6079 Wood Lake Rd
6079 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-002-0010

Mr. & Mrs. Julian Gaillard IV
re: 6063 Wood Lake Rd
6063 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-002-0020

Mr. & Mrs. Scott Mc Mullen
re: 6049 Wood Lake Rd
6049 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-002-0030

Mr. & Mrs. Gene Lipscher
re: 6029 Wood Lake Rd
6029 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-002-0040

Mr. & Mrs. Evan Dumas
re: 19523 Trails End Ter
19523 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-002-0050

Mr. & Mrs. Richard Davis
re: 19519 Trails End Ter
19519 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-002-0060

M Kabalin/A Russo
re: 19511 Trails End Ter
316 Riverside Dr
Jupiter FL 33469
00-42-40-27-05-002-0070

Mr. & Mrs. Kilmer Joyce
re: 19507 Trails End Ter
19507 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-002-0080

Mr. & Mrs. Marc Shapiro
re: 19503 Trails End Ter
19503 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-002-0090

Mr. & Mrs. Gerard Leahy
re: 19502 Trails End Ter
19502 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-002-0100

Mr. & Mrs. John Schaefer
re: 19506 Trails End Ter
19506 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-002-0110

G Ross/D Slutak
re: 19510 Trails End Ter
19510 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-002-0120

Mr. & Mrs. Peter Grzybowski
re: 19514 Trails End Ter
19514 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-002-0130

Mr. & Mrs. William Nugent
re: 19518 Trails End Ter
19518 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-002-0140

Mr. & Mrs. John Van Dusen
re: 19522 Trails End Ter
19522 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-002-0150

Ms. Holly Boehmer
re: 19526 Trails End Ter
10389 158th St N
Jupiter FL 33478
00-42-40-27-05-002-0160

Mr. & Mrs. Bryan Woeber
re: 19530 Trails End Ter
19530 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-002-0170

Mr. & Mrs. Donald Brand Sr Tr
re: 6147 Wood Lake Rd
6147 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-003-0010

Mr. Gregory Kunzelmann
re: 6139 Wood Lake Rd
6139 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-003-0020

Mr. Todd Stewart
re: 6127 Wood Lake Rd
6127 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-003-0030

Mr. & Mrs. David Flom
re: 6115 Wood Lake Rd
6115 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-003-0040

Mr. & Mrs. Robert Grose
re: 6081 Wood Lake Rd
6081 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-003-0050

Mr. & Mrs. Rafael Cordero
re: 6153 Wood Lake Rd
6153 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-004-0010

Mr. & Mrs. Ronald Hines
re: 19626 Red Maple Ln
19626 Red Maple Ln
Jupiter FL 33458
00-42-40-27-05-004-0020

Mr. & Mrs. Mark Brinich
re: 6114 Wood Lake Rd
6114 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-005-0010

Mr. & Mrs. Marc Sickle
re: 6126 Wood Lake Rd
6126 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-005-0020

Mr. & Mrs. Craig Wallace
re: 6138 Wood Lake Rd
6138 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-005-0030

Mr. & Mrs. John Howard
re: 19535 Trails End Ter
19535 Trails End Ter
Jupiter FL 33458
00-42-40-27-05-006-0010

Mr. Henry Ramsey II
re: 6036 Wood Lake Rd
6036 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-006-0020

Mr. & Mrs. George Crouse Tr
re: 6048 Wood Lake Rd
6048 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-006-0030

Ms. Laura Baker
re: 6062 Wood Lake Rd
6062 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-006-0040

Mr. & Mrs. Blaine Mc Kenzie Jr
re: 6074 Wood Lake Rd
6074 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-006-0050

Mr. & Mrs. Karl Burgin
re: 6080 Wood Lake Rd
6080 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-05-006-0060

A Fargher/C Willies
re: 19538 Trails End Ter
19538 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0020

Mr. & Mrs. Sunil Khetarpal
re: 19542 Trails End Ter
19467 Camp Ln
Jupiter FL 33458
00-42-40-27-06-001-0030

Ms. Bonnie Mc Laughlin
re: 19546 Trails End Ter
19546 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0040

R Kullen III/M Casker
re: 19550 Trails End Ter
19550 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0050

Mr. & Mrs. Linton Floyd Jr
re: 19554 Trails End Ter
19554 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0060

Mr. & Mrs. Henry Blakiston
re: 19558 Trails End Ter
19558 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0070

Ms. Jodi Thall
re: 19562 Trails End Ter
19562 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0080

Mr. & Mrs. Jeffrey Kreadle
re: 19566 Trails End Ter
19566 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0090

E Kimball/M Walsh
re: 19570 Trails End Ter
19570 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0100

Mr. & Mrs. Carlton Schelhorn Jr
re: 19574 Trails End Ter
19574 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0110

Mr. & Mrs. Ashok Patel
re: 19578 Trails End Ter
19578 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0120

Ms. Deborah Johnson
re: 19582 Trails End Ter
19582 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0130

Mr. & Mrs. Marc Steinberger
re: 19586 Trails End Ter
19586 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0140

Ms. Christine Griffith
re: 19590 Trails End Ter
19590 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0150

Mr. & Mrs. Frank Kohnen
re: 19594 Trails End Ter
19594 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0160

Mr. & Mrs. Donald Paulus
re: 19598 Trails End Ter
19598 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0170

Mr. & Mrs. Norbert Ehrich
re: 19602 Trails End Ter
19602 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0180

Mr. & Mrs. Todd Andrews
re: 19606 Trails End Ter
19606 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-001-0190

Mr. & Mrs. Christopher Ricker
re: 6170 Sand Pine Ct
6170 Sand Pine Ct
Jupiter FL 33458
00-42-40-27-06-001-0200

Mr. & Mrs. Richard Harpenau
re: 6190 Sand Pine Ct
6190 Sand Pine Ct
Jupiter FL 33458
00-42-40-27-06-001-0210

Mr. William Straw
re: 6204 Sand Pine Ct
6204 Sand Pine Ct
Jupiter FL 33458
00-42-40-27-06-001-0220

Mr. & Mrs. Paul Kennedy
re: 6216 Sand Pine Ct
6216 Sand Pine Ct
Jupiter FL 33458
00-42-40-27-06-001-0230

Mr. & Mrs. Patrick Bryan
re: 6217 Sand Pine Ct
6217 Sand Pine Ct
Jupiter FL 33458
00-42-40-27-06-001-0240

Mr. & Mrs. Craig Stroeve
re: 6205 Sand Pine Ct
6205 Sand Pine Ct
Jupiter FL 33458
00-42-40-27-06-001-0250

Mr. & Mrs. William Zoeller
re: 6191 Sand Pine Ct
6191 Sand Pine Ct
Jupiter FL 33458
00-42-40-27-06-001-0260

Mr. & Mrs. James Black Jr
re: 6171 Sand Pine Ct
6171 Sand Pine Ct
Jupiter FL 33458
00-42-40-27-06-001-0270

Mr. David Capparelli
re: 6153 Sand Pine Ct
6153 Sand Pine Ct
Jupiter FL 33458
00-42-40-27-06-001-0280

Mr. & Mrs. John Carlton
re: 6152 Wood Lake Rd
6152 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-001-0290

Mr. & Mrs. Robert Kilian
re: 6164 Wood Lake Rd
6164 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-001-0300

Mr. & Mrs. Christopher Hewill
re: 6178 Wood Lake Rd
6178 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-001-0310

Ms. Priscilla Marshall
re: 6190 Wood Lake Rd
6190 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-001-0320

Ms. Dorothy Lamprecht
re: 6204 Wood Lake Rd
6204 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-001-0330

Mr. & Mrs. James Margolles
re: 6216 Wood Lake Rd
6216 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-001-0340

Mr. & Mrs. Louis Carrino Tr
re: 19542 Red Gum Trl
19542 Red Gum Trl
Jupiter FL 33458
00-42-40-27-06-001-0350

Mr. & Mrs. Cynthia Marr
re: 19546 Red Gum Trl
19546 Red Gum Trl
Jupiter FL 33458
00-42-40-27-06-001-0360

Mr. K Roberts/T Ruge
re: 19550 Red Gum Trl
19550 Red Gum Trl
Jupiter FL 33458
00-42-40-27-06-001-0370

Mr. & Mrs. John Mildner
re: 19554 Red Gum Trl
19554 Red Gum Trl
Jupiter FL 33458
00-42-40-27-06-001-0380

Mr. & Mrs. Robert Berman
re: 19558 Red Gum Trl
19558 Red Gum Trl
Jupiter FL 33458
00-42-40-27-06-001-0390

Mr. & Mrs. David Fielding
re: 19562 Red Gum Trl
19562 Red Gum Trl
Jupiter FL 33458
00-42-40-27-06-001-0400

Mr. & Mrs. Michael Singer
re: 19566 Red Gum Trl
19566 Red Gum Trl
Jupiter FL 33458
00-42-40-27-06-001-0410

Mr. & Mrs. David Vaughn
re: 19567 Red Gum Trl
19567 Red Gum Trl
Jupiter FL 33458
00-42-40-27-06-001-0420

J Gandy/B Rich
re: 19563 Red Gum Trl
19563 Red Gum Trl
Jupiter FL 33458
00-42-40-27-06-001-0430

Mr. & Mrs. Nino Migoya
re: 19551 Red Gum Trl
19551 Red Gum Trl
Jupiter FL 33458
00-42-40-27-06-001-0440

Mr. & Mrs. Andrew Dinsdale
re: 6230 Wood Lake Rd
6230 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-001-0450

Mr. & Mrs. Michael Stolowitz
re: 6242 Wood Lake Rd
6242 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-001-0460

Ms. Lynn Steinhart
re: 19621 Trails End Ter
19621 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0040

Ms. Dana Marini
re: 19619 Trails End Ter
19619 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0050

Mr. & Mrs. Richard Mays
re: 19615 Trails End Ter
19615 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0060

Mr. & Mrs. Michael Nys
re: 19611 Trails End Ter
19611 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0070

Mr. & Mrs. Thomas Pruitt
re: 19603 Trails End Ter
19603 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0080

Mr. & Mrs. Michael Weeks
re: 19599 Trails End Ter
19599 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0090

Mr. & Mrs. Jay Slazinski
re: 19595 Trails End Ter
19595 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0100

Mr. & Mrs. Michael Patch Tr
re: 19591 Trails End Ter
19591 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0110

Ms. Claudia Siwik
re: 19587 Trails End Ter
19587 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0120

Mr. & Mrs. Benjamin Smiley
re: 19583 Trails End Ter
19583 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0130

Mr. Gordon Mc Vey
re: 19575 Trails End Ter
19575 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0140

C Hubsch/A Serra
re: 19567 Trails End Ter
8641 Piazza de Lago Cir 206
Eastero FL 33928
00-42-40-27-06-005-0150

Mr. & Mrs. Jason McPharlin
re: 19559 Trails End Ter
19559 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0160

Mr. & Mrs. Bruce Cobey Jr
re: 19551 Trails End Ter
19551 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0170

Mr. & Mrs. James Beattie
re: 19543 Trails End Ter
19543 Trails End Ter
Jupiter FL 33458
00-42-40-27-06-005-0180

Mr. & Mrs. Keivan Dehghanpisheh
re: 6243 Wood Lake Rd
6243 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-007-0010

Mr. & Mrs. Kenneth Montgomery Jr
re: 6231 Wood Lake Rd
6231 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-007-0020

Mr. & Mrs. Thomas Bongard
re: 6217 Wood Lake Rd
6217 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-007-0030

Ms. Tarrah Hersey-Malagon
re: 6205 Wood Lake Rd
6205 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-007-0040

Mr. & Mrs. Howard Yaffe
re: 6191 Wood Lake Rd
6191 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-007-0050

Ms. Lesli Schwartz
re: 6171 Wood Lake Rd
6171 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-06-007-0060

Mr. & Mrs. Kevin Canney
re: 6256 Wood Lake Rd
6256 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-008-0010

Ms. Ibis Harrison
re: 6268 Wood Lake Rd
6268 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-008-0020

Ms. Laurie Manoff
re: 6282 Wood Lake Rd
6282 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-008-0030

Mr. & Mrs. Ramon Garcia
re: 6294 Wood Lake Rd
6294 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-008-0040

Mr. & Mrs. George Donaldson Jr
re: 6308 Wood Lake Rd
6308 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-008-0050

Mr. & Mrs. Alan Mulcahy
re: 6320 Wood Lake Rd
6320 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-008-0060

Ms. Lisa Drew
re: 6334 Wood Lake Rd
6334 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-008-0070

Mr. & Mrs. Michael Sims
re: 6346 Wood Lake Rd
6346 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-008-0080

Mr. & Mrs. Paul Proffett
re: 6360 Wood Lake Rd
6360 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-008-0090

Mr. & Mrs. Tad Harper
re: 6477 Wood Lake Rd
6477 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0010

Mr. & Mrs. Philip Forbes
re: 6465 Wood Lake Rd
6465 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0020

Mr. & Mrs. Alan Sadowsky
re: 6445 Wood Lake Rd
6445 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0030

Mr. & Mrs. Nicholas Schiralli
re: 6419 Wood Lake Rd
6419 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0040

Mr. & Mrs. Patrick Persante
re: 6399 Wood Lake Rd
6399 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0050

Mr. & Mrs. Erik Arens
re: 6387 Wood Lake Rd
6387 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0060

Mr. & Mrs. David Holey
re: 6373 Wood Lake Rd
6373 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0070

Mr. & Mrs. Scott Espenship
re: 6361 Wood Lake Rd
6361 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0080

Mr. & Mrs. Donald Esposito
re: 6335 Wood Lake Rd
6335 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0090

Mr. & Mrs. Robert Holbrook
re: 6321 Wood Lake Rd
6321 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0100

Mr. Robi Tschappat
re: 6309 Wood Lake Rd
6309 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0110

Mr. & Mrs. William Butdorf
re: 6289 Wood Lake Rd
6289 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0120

Mr. & Mrs. Charles Payson
re: 6685 Wood Lake Rd
6685 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0130

Mr. & Mrs. Edward Fernandez
re: 6653 Wood Lake Rd
6653 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0140

Mr. & Mrs. William Pankey
re: 6633 Wood Lake Rd
6633 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0150

Mr. & Mrs. John Wagner Jr
re: 6627 Wood Lake Rd
6627 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0160

Mr. & Mrs. Mark Morgan
re: 6621 Wood Lake Rd
6621 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0170

Mr. & Mrs. Robert Clayman
re: 6613 Wood Lake Rd
6613 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0180

Mr. & Mrs. Peter De Sanctis
re: 6607 Wood Lake Rd
6607 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0190

Mr. & Mrs. Gary Nichols
re: 6595 Wood Lake Rd
6595 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0200

Mr. & Mrs. William Dean
re: 6581 Wood Lake Rd
6581 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-010-0210

Mr. & Mrs. Mark Child
re: 6372 Wood Lake Rd
6372 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0010

Mr. & Mrs. Roger Bursery
re: 6386 Wood Lake Rd
6386 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0020

Mr. & Mrs. Benjamin Williamson
re: 6398 Wood Lake Rd
6398 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0030

Mr. & Mrs. Mario Gonzalez
re: 6412 Wood Lake Rd
6412 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0040

Mr. & Mrs. Peter Bascetta
re: 6424 Wood Lake Rd
6424 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0050

Mr. & Mrs. Antonio Sanchez-Garcia
re: 6438 Wood Lake Rd
6438 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0060

Mr. Daniel Rahfeldt
re: 6450 Wood Lake Rd
6450 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0070

Mr. & Mrs. Pedro Guilarte
re: 6464 Wood Lake Rd
6464 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0080

Mr. & Mrs. Raymond Grochowski
re: 6476 Wood Lake Rd
6476 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0090

Mr. & Mrs. Mark Sartory
re: 6490 Wood Lake Rd
6490 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0100

Mr. & Mrs. David Ceglio
re: 6502 Wood Lake Rd
6502 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0110

Ms. Debra Moler
re: 6516 Wood Lake Rd
6516 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0120

Mr. & Mrs. Thomas Tessier Tr
re: 6528 Wood Lake Rd
6528 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0130

Mr. David Seach
re: 6542 Wood Lake Rd
6542 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0140

Mr. & Mrs. Philip Beattie
re: 6554 Wood Lake Rd
6554 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0150

Mr. & Mrs. Richard Caspar
re: 6568 Wood Lake Rd
6568 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0160

Mr. & Mrs. Ryan Lachmansingh
re: 6580 Wood Lake Rd
6580 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0170

Mr. & Mrs. Francois Thomas
re: 6594 Wood Lake Rd
6594 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0180

Mr. Joseph Hartman
re: 6606 Wood Lake Rd
6606 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0190

Mr. & Mrs. David Hargreave
re: 6620 Wood Lake Rd
6620 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0200

Mr. & Mrs. Joseph Danek
re: 6632 Wood Lake Rd
6632 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0210

Mr. & Mrs. Alexander Hoffs
re: 6646 Wood Lake Rd
6646 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0220

Mr. & Mrs. John Shanor Jr
re: 6658 Wood Lake Rd
6658 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0230

Ms. Patricia Rue
re: 6672 Wood Lake Rd
6672 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0240

Mr. & Mrs. Chris Meline
re: 6684 Wood Lake Rd
6684 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0250

H Brickman/B Sullivan
re: 6269 Wood Lake Rd
6269 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0260

Mr. & Mrs. Robert Bentz
re: 6257 Wood Lake Rd
6257 Wood Lake Rd
Jupiter FL 33458
00-42-40-27-07-011-0270

Mr. & Mrs. David Wrightson
re: 19634 Red Maple Ln
19634 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0010

Mr. & Mrs. Glenn Goodman
re: 19638 Red Maple Ln
19638 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0020

Mr. & Mrs. Thomas Burst
re: 19642 Red Maple Ln
19642 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0030

Mr. & Mrs. Andrew Ross
re: 19646 Red Maple Ln
19646 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0040

Mr. & Mrs. David Weychert
re: 19650 Red Maple Ln
19650 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0050

S Coglianese/N Lombardi
re: 19654 Red Maple Ln
19654 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0060

Mr. & Mrs. Aaron Allen
re: 19658 Red Maple Ln
19658 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0070

Mr. & Mrs. Robert Harkness
re: 19662 Red Maple Ln
19662 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0080

Ms. Sebastiana Warren
re: 19666 Red Maple Ln
19666 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0090

Mr. & Mrs. Gary Mc Mullin
re: 19659 Red Maple Ln
19659 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0100

Ms. Miriam Elso
re: 19655 Red Maple Ln
19655 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0110

Ms. Laura Bohn
re: 19651 Red Maple Ln
19651 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0120

Mr. & Mrs. Richard Clark
re: 19647 Red Maple Ln
19647 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0130

Mr. & Mrs. Andrew Morris
re: 19643 Red Maple Ln
19643 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0140

Mr. & Mrs. Joseph Murasko
re: 19639 Red Maple Ln
19639 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0150

Mr. & Mrs. Scott Goodfellow
re: 19637 Red Maple Ln
19637 Red Maple Ln
Jupiter FL 33458
00-42-40-27-08-012-0160

Mr. & Mrs. John De Palma
re: 6147 Wood Creek Ct
6147 Wood Creek Ct
Jupiter FL 33458
00-42-40-27-08-012-0170

Mr. & Mrs. Hans Albertsson
re: 6139 Wood Creek Ct
6139 Wood Creek Ct
Jupiter FL 33458
00-42-40-27-08-012-0180

Mr. & Mrs. Robert Clyman
re: 6127 Wood Creek Ct
6127 Wood Creek Ct
Jupiter FL 33458
00-42-40-27-08-012-0190

Mr. & Mrs. Andrew Rafkin
re: 6115 Wood Creek Ct
6115 Wood Creek Ct
Jupiter FL 33458
00-42-40-27-08-012-0200

Mr. & Mrs. Albert Wester
re: 6114 Wood Creek Ct
6114 Wood Creek Ct
Jupiter FL 33458
00-42-40-27-08-012-0210

Mr. & Mrs. Howard Douglas
re: 6126 Wood Creek Ct
6126 Wood Creek Ct
Jupiter FL 33458
00-42-40-27-08-012-0220

Mr. & Mrs. E H Pritchard III
re: 6138 Wood Creek Ct
6138 Wood Creek Ct
Jupiter FL 33458
00-42-40-27-08-012-0230

Mr. & Mrs. Harold Baseman
re: 6146 Wood Creek Ct
6146 Wood Creek Ct
Jupiter FL 33458
00-42-40-27-08-012-0240

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org

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



MEMORANDUM

TO: D. ALBREY ARRINGTON, Ph.D., Executive Director

FROM: CLINTON R. YERKES, Deputy Executive Director

DATE: NOVEMBER 8, 2016

SUBJECT: ENGINEERING SERVICES CONTRACT - Approval
Whispering Trails Subdivision

This is a budgeted item for the current fiscal year in the amount of approximately \$300,000.00. This amount is primarily for the design, permitting and bidding phase of the project. It is anticipated that the majority of construction (\$3,030,000.00) will be performed in Fiscal Year 2018.

A Notice of Intent to Assess for Whispering Trails is presented this month (5D) for Governing Board approval of a gravity sewer system for this area. A survey of property owners was conducted over the past couple of months. There are a total of 181 residential units. The District received response from 112 owners. The clear majority (82) preferred a gravity system with 30 selecting low-pressure.

Mathews Consulting (MC) provided the preliminary engineering work on this project to evaluate feasibility of low pressure and gravity and the associated costs of each. MC has provided a proposal for Engineering Services to Design, Permit, Bid and includes Construction Administration and Resident Representative Services.

District staff has worked with the engineers to establish an acceptable scope and cost for the services.

The following motion is suggested for approval of this item:

“THAT THE DISTRICT GOVERNING BOARD authorize award of contract to Mathews Consulting for provision of Engineering Services for the Whispering Trails-Gravity Sewer System in accordance with their proposal dated November 2, 2016, and in the amount of \$502,677.00,

and

A contingency amount of \$5,000.00”

Should you have any questions please contact me.

V:/cip/proj/Whispering Trails/Eng/Board MemoAward

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

**AGREEMENT BETWEEN LOXAHATCHEE RIVER ENVIRONMENTAL
CONTROL DISTRICT AND MATHEWS CONSULTING, A BAXTER &
WOODMAN COMPANY FOR PROFESSIONAL ENGINEERING SERVICES**

“WHISPERING TRAILS – GRAVITY SEWER SYSTEM”

DATE: November 2, 2016

BACKGROUND

This Agreement is for the performance of engineering services by Mathews Consulting, a Baxter & Woodman Company (MC) pursuant to the Continuing Contract for Professional Engineering Services between Loxahatchee River District (District) and MC dated February 4, 2015 hereafter referred to as the Contract. The District has the right to stop work at any time being only responsible for costs incurred up to that time.

The Loxahatchee River Environmental Control District (District) has identified Whispering Trails as part of an assessment program that will provide gravity sanitary sewer services for that area. The project will consist of providing the residential neighborhood with a conventional gravity sewer system that will collect the wastewater and convey it to one (1) new lift station located in a new round-a-bout located at the intersection of Wood Lake Road / Trails End Terrace (refer to **Exhibit A** for location map of Whispering Trails). The lift station force main piping will pump the wastewater to the 4-inch force main located at the intersection of Wood Lake Road and Loxahatchee River Road.

It is anticipated that approximately 181 residential units will be sewer under this project.

The design elements are assumed to include the following:

- One (1) new submersible lift station. The work will include installing a new wet-well, pump components, piping, valve box, valving, and control panel. The District’s lift station details will be used for design purposes. The wet-well will be designed to be constructed by “tremie methods”. The District will also pre-purchase the pumps and control panel and the Construction Contractor will install these items.
- The lift station will be located within a new round-a-bout located in the intersection of Wood Lake Road / Trails End Terrace. The design will incorporate the requirements of the LRECD for the lift station and the requirements of Palm Beach County Roadway and Palm Beach County Fire Rescue Divisions for pavement configuration, turning radii, signing and marking.
- Electrical design shall be provided for the one (1) lift station. The lift station will not have any telemetry/RTU. This shall include coordination with FPL service planner in providing service to the lift station location. Electrical design also includes providing lighting around the new round-a-bout.
- Approximately 1,610 LF of 4-inch force main. The proposed force main will connect into the 4-inch force main located at the intersection of Wood Lake Road and Loxahatchee River Road.

- Approximately 11,216 LF of 8-inch sanitary sewer, manholes, and service laterals in the Assessment area.
- Reconstruction/resurfacing of roadways as required. The cul-de-sacs will be milled and resurfaced only. The existing driveways will not be reconstructed to match the edge of pavement. The Construction Contractor will be required to “feather in the asphalt” to match the edge of pavement and edge of driveway. The roadway is under the jurisdiction of Palm Beach County.

Final pipeline routing may decrease or increase the pipeline length estimates accordingly.

SCOPE OF WORK

The District has requested comprehensive engineering services from MC to provide data collection, engineering design, permitting, public participation & coordination, bidding assistance, construction administration, and construction inspection services related to the Whispering Trails sanitary sewer system. The project is assumed to be bid as a Single Bid Package. Specific project elements include the following:

- Task 1 – Data Collection
- Task 2 – Design Services
- Task 3 – Permitting Services
- Task 4 – Public Participation
- Task 5 – Bidding Assistance
- Task 6 – Construction Administration Services
- Task 7 – Resident Project Representative

TASK 1 – DATA COLLECTION

Subtask 1.1 – Survey

Consultant shall provide survey services consisting of field topography and horizontal locations referenced by baseline stationing. All existing facilities and utilities within the established project limits will be referenced by baseline station with an offset distance (left or right) from baseline for the project and will include the following:

1. Topography survey at 50-foot intervals and at major ground elevation changes to depict existing ground profile at proposed project area. This shall be accomplished by creating a baseline in the field to collect pertinent data which shall include the following:
 - a. Location of all visible fixed improvements within the project limits, including physical objects, roadway pavement, canals, driveways, sidewalks, curb, trees, signs, fences, power poles, buildings, and other encumbrances, including point of curvature and point of tangency. This also includes the horizontal location of the front two corners of the building on each lot and finished floor elevations.
 - b. Location of all known above and below ground existing utilities: FP&L, BellSouth, Cable TV, Natural Gas, Potable Water (pipe diameter, valves, fire hydrants, and meters), Force Mains (pipe diameter, TOP, and valves), Reclaimed Water Mains (pipe diameter, TOP, and valves), Sanitary Sewer (pipe diameter, manhole inverts and direction, rim

elevations, laterals, and clean-outs), Storm Sewers (pipe diameter, manhole inverts and direction, catch basins, and rim/grate elevations), and **all** other accessible structures.

- c. Identify platted rights-of-way (including bearing and distances for centerline), lot numbers, house address, ownership lines, block numbers and dedicated easements.
- d. Elevations along road right-of-way or easements shall be indicated every 50 feet, at a minimum, to indicate centerline grades, edge of pavement grades, and shoulder grades, low points, and all right-of-way or easement lines. Intermediate grades shall be indicated at all grade breaks, driveways, sidewalks and 10 feet beyond R-O-W/Easement lines.
- e. Provide and reference benchmarks at **maximum 600-foot intervals**. Elevations to be referenced to an existing established City or County Benchmark.
- f. Complete survey of proposed lift stations site.
- g. The above topographical survey data will be prepared in AutoCAD (Version 2013) format at a scale of 1"=20', as one continuous file. Mathews Consulting standard layering system shall be used.

Subtask 1.2 – Pipeline Corridor Analysis

Field reconnaissance of the pipeline corridor shall be performed. Photograph log walk-through will be included. Potential existing conflicts will be identified.

Subtask 1.3 – Utility Coordination

Coordination with utility agencies (electric, phone, gas, CATV, and water) shall be performed to collect record information. MC shall forward copies of the survey information to the Utility Companies and ask them to “red-line” their known utilities onto the survey drawings. The information will be incorporated by MC into the design drawings. If coordination with any Utility Company proves to be problematic, the District will be notified. This Subtask includes reconciling apparent discrepancies between record information and existing photographic and field-verification information.

Subtask 1.4 – Coordination with Property Owners

The property owners will be asked to furnish information on the location of any septic tanks, drain fields, clean-outs and/or location along their property line where they would prefer the sewer service line constructed. A blank sketch of the lot will be provided for the property owner to record the information requested. The District will send the sketch with instructions that direct the property owner to return the septic tank map directly to the District. The District will provide the sketches to MC in a timely manner. The gathered information will be used to locate and show on the plans the existing septic tank/drain fields and the preferred sewer service line location. Property owners that do not respond to the questionnaire will be visited by District personnel in order to obtain the information and that information will then be provided to MC to incorporate into the plans in a timely manner.

Subtask 1.5 – Subsurface Investigations

MC shall furnish the services of a professional geotechnical firm to provide a geotechnical evaluation of the project area, and have 15 soil borings (10 borings to an average depth of 15-ft., 4 borings to an average depth of 20-ft., and 1 boring to an average depth of 30-ft.) done for soil strata identification and to determine the ground water level as part of the project.

TASK 2 – DESIGN SERVICES

Design shall consist of preparation of Contract Specifications, Contract Drawings (plan/profile), and Construction Cost Opinion.

Subtask 2.1 Construction Documents

Preparation of construction documents shall include contract drawings and technical specifications. Contract drawings shall include: cover sheet, general notes, plan/profile drawings, pavement sections, lift station drawings, and miscellaneous detail sheets. A preliminary drawing list is included in **Exhibit B**. The drawing scale shall be 1-inch equals 20 feet for pipeline plan and 1-inch equals 2 feet for pipeline profile. MC shall prepare the engineering design elements on topographic survey information in an AutoCAD release 2013 format. Contract documents shall include: “front-end” documents and technical specifications and shall conform to the District Standards. (The “front-end” documents shall only be submitted with the 75% and 100% technical specifications and will be provided in MS Word® format). The pavement design shall conform to Palm Beach County standards.

This task also includes coordinating the lift station landscape design with the District’s landscape Consultant.

Drawings and specifications (four copies) shall be submitted for District review at 50% (plan view only), 75% (plan/profile) and 100% (plan/profile) stages. MC shall meet with the District to discuss comments, and incorporate comments into final documents. MC shall furnish with the 100% design drawings, one (1) set of AutoCAD Version 2013 files in electronic format on CD.

Subtask 2.2 Construction Cost Opinion

Preparation of construction cost opinion at 50%, 75% and 100% design stages. The construction cost opinion shall reflect changes in general scope, extent or character of design requirements incorporated during the various design review stages.

Subtask 2.3 Design Meetings

MC shall attend “kick-off” meeting and three (3) design review meetings (50%, 75% and 100%) with the District and provide a written summary of the issues discussed.

Subtask 2.4 Quality Assurance

MC shall provide internal QA/QC reviews on the 50%, 75% and 100% Design Documents (e.g. drawings, specifications, and cost estimates).

TASK 3 – PERMITTING PHASE

During the Design Phase, MC shall meet with the potential permitting and other interested agencies to determine all potential permitting requirements. Agencies anticipated having interest in project include: Palm Beach County Health Department (PBCHD) and Palm Beach County.

Permit applications shall be completed as required for PBCHD (**Task 3.1**):

- Notification/Application for Constructing a Domestic Wastewater Collection/Transmission System.

Permit applications shall be completed as required for Palm Beach County and Palm Beach County Fire Rescue Division (for the round-a-bout design) (**Task 3.2 and Task 3.3**):

- Utility Permit for all County roads in project area. The entire project area is located in unincorporated Palm Beach County.
- Civil Permit from Palm Beach County Fire Rescue Division.

Associated permit application fees shall be determined by MC and paid by District.

In addition to preparing the permit applications for appropriate regulatory agencies, MC shall assist the District in consultations with the appropriate authorities. Consultation services shall include the following:

- Attend up to one (1) pre-application meeting with the staff of each of the agencies.
- Attend up to one (1) meeting with each of the agencies during review of the final permit applications.
- Respond to request(s) for additional information from each agency.

TASK 4 – DEWATERING PERMITTING/CONSTRUCTION MONITORING

Subtask 4.1 Project Meetings/Background Data Collections/File Review

MC's Subconsultant, JLA Geosciences (JLA), shall attend one (1) design meeting, one (1) pre-dewatering permit application meeting, one (1) pre-bid meeting, and one (1) pre-construction meeting. Prior to preparation of the SFWMD General Dewatering Permit Application, JLA shall review well completion reports on file with SFWMD to identify existing wells in the vicinity of the project and review existing water use permits, and review water quality data from nearby monitor wells and river monitoring stations.

Subtask 4.2 Prepare a General Permit Application for Dewatering

- JLA shall identify potential environmental impacts resulting from the allocation including, natural surface water bodies, and other environmental features dependent on the area water resources.
- JLA shall determine if the allocation will cause significant movement of the existing saline water.
- JLA shall address potential for the allocation to cause the movement of pollutants from nearby sources of groundwater pollution. Perform analytical computer modeling to assess impact and likelihood of saline water intrusion from the proposed dewatering.

- JLA shall address potential impact to off-site land uses that may be affected by the proposed allocation.
- JLA shall determine if the proposed allocation would cause an adverse impact on existing legal users of the groundwater resources that is greater than is allowed by SFWMD criteria.
- JLA shall prepare the water use permit application and supporting documentation and submit to SFWMD.
- JLA shall coordinate with MC and District to optimize discharge location and methods that are consistent with SFWMD criteria.

Subtask 4.3 Dewatering Monitoring

- JLA shall coordinate surface water sample collection by the District during dewatering activities and review results weekly.
- JLA shall maintain communications with SFWMD inspector as required.
- JLA shall visit the site at least twice monthly over twelve (12) months of project dewatering period to confirm that the Contractor understands and complies with the SFWMD permit conditions.
- JLA assumes that water sample collection, turbidity chloride, and specific conductance analyses will be performed by District Staff. Water samples will likely be required to be collected daily from each of the off-site dewatering discharge points and from the surface water background location where surface water discharge is permitted. Provide weekend backup for sampling. JLA shall review data collected by the District.
- JLA shall provide monthly dewatering construction report directly to MC, District and SFWMD.

TASK 5 - PUBLIC PARTICIPATION & COORDINATION

Subtask 5.1 Public Participation Program

MC shall attend up to two (2) meetings prior to construction with the homeowners in the project area. The meeting shall be coordinated by the District and one of the meetings shall also be attended by the Contractor. This will also include assistance with the development of presentation materials for the public meeting for the affected residents.

TASK 6 – BIDDING ASSISTANCE

Subtask 6.1 Bid Advertisement

MC shall assist District in advertising for and obtaining bids or negotiating proposals for construction (including materials, equipment and labor). It is anticipated that work shall be awarded under a single construction contract. MC shall provide up to twenty (20) sets of bid documents in PDF format on CDs. MC shall receive and process deposits for bidding documents and shall maintain a record of prospective bidders to whom bidding documents have been issued.

Subtask 6.2 Pre-Bid Conference

MC shall conduct pre-bid conference in conjunction with District staff and provide a written summary of issues discussed.

Subtask 6.3 Bid Clarification/Addenda

MC shall issue addenda and shall provide supplemental information or clarification, as appropriate, to interpret, clarify, or expand the bidding documents to all prospective bidders during the bid period.

Subtask 6.4 Contract Award

MC shall conduct the bid opening and prepare bid tabulation. MC shall assist District in evaluating bids and proposals, including reference checks. MC shall submit to District written recommendation concerning contract award to the lowest responsive responsible bidder.

Subtask 6.5 Conformed Contract Documents

Prepare conformed Contract Documents for use by the Contractor and District during construction.

TASK 7 – CONSTRUCTION ADMINISTRATION SERVICES

The general administration services during construction of the Whispering Trails Sanitary Sewer System project shall include the following tasks:

Subtask 7.1 Preconstruction Conference

MC shall attend a preconstruction conference with representatives of District, contractors and major subcontractors for the construction contract. MC shall prepare, in writing, minutes of conference.

Subtask 7.2 Submittal Review

MC shall review and process shop drawings, samples, schedules, certifications, O&M Manuals, and any other data which the construction contractor is required to submit. The review will be for general conformance with the design intent and compliance with the construction contract documents. Review of up to 60 submittals (which includes submittals and re-submittals, if required) is included in the budget for this subtask. Consultant will submit reviewed shop drawings/submittals to District for their records.

Subtask 7.3 Pay Estimate/Schedule Review

Based on onsite observations as an experienced and qualified design professional and on review of Contractor applications for payment and accompanying data and schedules, determine the amounts owing to the Contractor and recommend, in writing, payments to Contractor in such amounts. Review of stored materials, items and invoices as required. This also includes monitoring the construction schedule monthly and reporting to the District conditions which may cause delays in completion.

Subtask 7.4 Construction Clarifications

Respond in writing to Contractor's Request for Information (RFI) regarding design documents during the 13-month construction period. A total of 20 (20) RFI responses have been included in

this task. MC shall issue interpretations and clarifications of the Contract Documents, along with associated support materials, as requested by the Contractor. Those interpretations will be rendered and a response prepared and submitted to the Contractor within 3 to 5 working days.

Subtask 7.5 Review Change Orders

Provide services in connection with preparing change orders to reflect changes to the construction project, limited to minor changes requested by Contractor. Analysis of major design modifications, including the preparation of significant Drawing revisions, are not included, and may require additional authorization.

Subtask 7.6 Progress Meetings

MC shall conduct monthly construction progress meetings (estimated 12 meetings) to be held at an acceptable location and provide a written summary of the issues discussed.

Subtask 7.7 Coordination w/ Resident Complaints

MC shall coordinate with the Resident Complaints during the 13-month construction time-frame. This will include attending any Homeowner's Meetings to give an update on the construction of the project.

Subtask 7.8 Construction Administration

MC's Construction Manager shall provide all construction administration required for the contract and shall make periodic field inspections to observe progress of the work and to provide coordination with the Contractor and his field personnel. This task assumes 2 hrs/week will be provided during the 13 month construction duration.

Subtask 7.9 Startup/Testing, Certification of Construction Completion

MC shall provide startup and testing services for the project, including witnessing lift station pump and system performance testing, electrical & controls testing, and other startups needed to demonstrate successful operation of the system.

MC shall certify to the Florida Department of Environmental Protection and Palm Beach County based on the visible project features, MC's full-time inspections, and review of the testing reports, that the project was constructed in accordance with the plans and specifications submitted in the permit applications.

Subtask 7.10 Substantial and Final Inspections

MC shall conduct a substantial and final inspection with the District and Contractor to determine if the project has been completed in accordance with the contract documents and if the construction contractor has fulfilled his obligations thereunder. A punch-list will be prepared for each inspection (substantial and final) for the project. MC shall recommend, in writing, final acceptance of the work to the District. The District may, at District's option proceed to make final payment to the construction contractor.

TASK 8 – RESIDENT PROJECT REPRESENTATIVE SERVICES

The Construction Inspections phase services to be provided by the Consultant include the following:

1. Provide a Construction Inspector (40 hours/week) during the construction of the work in a total period of not-to-exceed 13 months / 286 working days (for a total of 2,288 hours) for the construction contract. MC will provide inspections on Monday thru Friday (8 hrs each day). Activities performed under this task consist of furnishing a Construction Inspector during the construction of the project, to observe the quality of the work by the Contractor, who will:
 - Serve as Consultant’s liaison with construction contractor, working principally through the contractor’s construction manager and assist him in understanding the intent of the contract documents.
 - Conduct on-site observations of the work in progress to assist in determining if the work is proceeding in accordance with the contract documents and that completed work conforms to the contract documents. Report, in writing, whenever Consultant believes that work is unsatisfactory, faulty or defective, or does not conform to the contract documents, or does not meet the requirements of inspections, tests or approval required to be made, or has been damaged prior to final payment.
 - Accompany visiting inspectors representing public or regulatory agencies having jurisdiction over the project. Record, in writing, the outcome of these inspections and report same to District.
 - Consider and evaluate construction contractor’s suggestions for modifications in drawings or specifications and report them to District, in writing. MC shall make recommendation for action by the District.
 - Review Contractor As-Built information on a monthly basis to confirm proper updates are being made.
 - Observe all flushing and testing of the pipe.
 - Provide start-up assistance for the lift station.

LIMITATIONS OF AUTHORITY

Except upon written instructions of Engineer, Resident Project Representative:

1. Shall not authorize any deviation from the Contract Documents or approve any substitute materials or equipment.
2. Shall not exceed limitations on Engineer’s authority as set forth in the Contract Documents.
3. Shall not undertake any of the responsibilities of Contractor, Subcontractors or Construction Manager, or expedite the Work.
4. Shall not advise on or issue directions relative to any aspect of the means, methods, techniques, sequences or procedures of construction unless such is specifically called for in the Contract Documents.

5. Shall not advise on or issue directions as to safety precautions and programs in connection with the Work.
6. Shall not participate in specialized field or laboratory tests.

ALLOWANCE – Soft Digs & Utility Sweeps

MC shall furnish the services of a professional underground services company to provide underground field locations (e.g. soft-digs) of affected utilities in the project area. The work shall consist of measuring and recording the approximate horizontal location of up to fifty (50) utility locations. Each soft-dig costs \$275.00 (so 50 soft-digs = \$13,750.00). The professional underground services company shall also provide subsurface utility targeting in the project area **(if required)**. The work shall consist of conducting a thorough electronic search for buried utility systems. The investigation will be accomplished using active and passive type utility detection gear that detects induced or naturally occurring energy fields present on conductive utilities. Field sheets will be generated that show the location, trend and configuration of utilities detected (the price for this work is \$7,500.00). The total allowance is \$21,250 + 10% mark-up, for a total of \$23,375.00.

ADDITIONAL SERVICES

MC shall provide additional engineering as requested by the District for engineering services that are not covered under this Scope of Work. Services shall be reimbursed in accordance with Mathews Consulting's fee schedule included in Exhibit D. Services performed under this task will be on as-directed basis in accordance with a written Notice-to-Proceed from District. The Notice-to-Proceed issued shall contain the following information and requirements.

- A detailed description of the work to be undertaken.
- A budget establishing the amount of the fee to be paid in accordance with the Agreement.
- A time established for completion of the work.

ASSUMPTIONS

Work described herein is based upon the assumptions listed below. If conditions differ from those assumed in a manner that will affect schedule or Scope of Work, MC shall advise District in writing of the magnitude of the required adjustments. Changes in completion schedule or compensation to MC will be negotiated with District. Services to be provided by the District and other related key assumptions include:

1. MC assumes that all existing and proposed infrastructure pipeline alignments are within the District's and Palm Beach County, rights-of-way.
2. District will be responsible for acquisition of easements (including temporary construction easements), if required. Surveying and legal work necessary to prepare document for and to secure easements (temporary and permanent) required for installation of the piping and improvements is the responsibility of the District.
3. District will provide MC record drawings of all available existing facilities in the project area.

4. District will provide MC with 24-hour pressure reading at an existing ARV in the vicinity of the proposed FM tie-in location.
5. District will locate District facilities and provide available record information as necessary.
6. MC assumes construction duration of 13 months.
7. Contractor shall be responsible for preparing Record Drawings.
8. A single bidding effort is assumed. Re-bidding of the project is considered an Additional Services item not currently included in this Scope of Work.
9. The design is to be based on the federal, state and local codes and standards in effect at the beginning of the project. Revisions required for compliance with any subsequent changes to those regulations is considered an Additional Services Item not currently included in this Scope of Work.
10. MC assumes that there are no contaminated soils or groundwater in the project area.
11. MC assumes the project area is not on Sovereign Submerged Land.
12. District is responsible for all permitting fees, including costs of public notification in local newspapers.
13. Telemetry is not required for the pump station.
14. District will contract directly with Landscape Architect for landscaping around proposed lift station site. MC shall incorporate the landscape plans into the bid documents. It is assumed provision of an irrigation system is not required.
15. Scope does not include services for addressing a bid protest or for rebid of the project.
16. Assisting the District in the settlement of construction contract claims is considered Additional Services and is not included in this Scope of Services

CONTRACT PERFORMANCE

COMPLETION DATES

The duration of major work tasks (calendar days) are as indicated on the Project Schedule shown in **Exhibit C**.

SUMMARY OF PROPOSED FEES

Proposed labor costs and associated expenses for engineering services (Not-to-Exceed + Lump Sum) are tabulated below and detailed in **Exhibit D**.

ENGINEERING SERVICES

ENGINEERING FEE

| | |
|--|--------------|
| Task 1 – Data Collection (LS) | \$49,124.00 |
| Task 2 – Design Services (LS) | \$111,942.00 |
| Task 3 – Permitting Services (LS) | \$5,566.00 |
| Task 4 – Dewatering Permitting/Monitoring (LS) | \$21,842.00 |
| Task 5 – Public Participation/Coordination (LS) | \$2,868.00 |
| Task 6 – Bidding Assistance (LS) | \$6,233.00 |
| Task 7 – Construction Administration Services (LS) | \$61,077.00 |
| Task 8 – Resident Project Representative (LS) | \$208,650.00 |
| Allowance (soft-digs) (NTE) | \$23,375.00 |
| Reimbursables (NTE) | \$12,000.00 |

TOTAL ENGINEERING SERVICES

\$ 502,677.00

(467,302 LS + 35,375 NTE)

DELIVERABLES

| TASKS | DELIVERABLES | QUANTITY |
|-------------------------------------|--|--|
| 1. Construction Document Production | 50% Drawings & Specs 75% Drawings & Specs (WORD) 100% Drawings & Specs (WORD) Cost Estimate @ 50%, 75% & 100% | 3 – Sets (22” x 34”) + PDF 3 – Sets (22” x 34”) + PDF 3 – Sets (22” x 34”) + PDF 3 – Sets + PDF |
| 2. Bidding Services | Bidding Sets Addenda if required | 20- Sets (PDF CDs) As required |
| 3. Permitting Services | Permit Applications (PBCHD, PBC, Fire Rescue) | 3 – Sets each Permit |
| 4. Construction Services | District Sets Contractor Sets | 3 – Sets (22” x 34”) + PDF 4 – Sets (22” x 34”) + PDF |

IN WITNESS WHEREOF, the parties have made and executed this agreement as of the date written below.

LOXAHATCHEE RIVER ENVIRONMENTAL
CONTROL DISTRICT

Witnesses:

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

Date
Executed: _____

MATHEWS CONSULTING,
A BAXTER & WOODMAN COMPANY

Witnesses:

By: _____
David L. Mathews, P.E., Vice President Date

Date
Executed: _____

TIMOTHY W. GASKILL
*Business, Probate
Family Litigation*

DONALD R. SMITH
*Personal Injury & Wrongful Death
Commercial Litigation*

CURTIS L. SHENKMAN
*Board Certified
Real Estate Attorney*

BROOKE A. GROGAN



DESANTIS, GASKILL, SMITH & SHENKMAN, P.A.

ATTORNEYS & COUNSELORS AT LAW

ESTABLISHED 1973

11891 U.S. HIGHWAY ONE, SUITE100
NORTH PALM BEACH, FLORIDA 33408

TELEPHONE (561) 622-2700 FACSIMILE (561) 622-2841

Shenkman@LawPalmBeach.com

LEGAL ASSISTANTS
**CIVIL TRIAL, PROBATE
AND FAMILY LAW**
KAREN M. BOYDEN-LOPATOSKY
MINDY VASSER

PERSONAL INJURY
ROBIN B. MODLIN, CP
HEATHER SHEFLIN

REAL ESTATE
JUDY D. MONTEIRO
DENISE B. PAOLUCCI

November 8, 2016

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

Clint Yerkes, Deputy Executive Director

Loxahatchee River Environmental Control District

2500 Jupiter Drive

Jupiter, Florida 33458-8964

Re: Resolution 2016-33 and FINAL Assessment Roll for 17726 Carver Ave

Dear Albrey & Clint:

Attached to this letter is Transfer of Property Lien, Resolution 2016-33, Exhibit "A" Final Assessment Roll, Exhibit A Map, and the most recent Exhibit "B" list of property owners, as part of the Resolution.

A SUGGESTED MOTION for the Board at the NOVEMBER 17, 2016 meeting is as follows:

"THAT THE GOVERNING BOARD approve Resolution 2016-33 adopting the 17726 Carver Ave FINAL Assessment Roll and Exhibits."

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RESOLUTION NO. 2016-33

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO THE **17726 CARVER AVE.** ASSESSMENT AREA IMPROVEMENTS; ADOPTING THE ASSESSMENT ROLL FOR **17726 CARVER AVE.** 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 **17726 CARVER AVE.** Assessment Area; and

WHEREAS, The District’s previous Resolutions **2016-22 & 2016-31** 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 NOVEMBER, 2016 at 6:55 P.M., sat as Board of Adjustment as provided in District Rule 31-11.005, and held the Public Hearings under Florida Statutes Chapter 197.

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

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

Section 2. The Special Assessment is in compliance with the “Ellis Rule” requirement of District Rule 31-10.011, and Resolution Nos. **2016-22 & 2016-31** 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 **2016-33**

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 Environmental Control District released the system for service on August 15, 2016, 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 NOVEMBER, 2016.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT:
VOTE

GORDON M. BOGGIE, Chairman

STEPHEN B. ROCKOFF

HARVEY M. SILVERMAN

JAMES D. SNYDER

DR. MATT H. ROSTOCK

Projects/Special/Assessmt/FinalResolution

EXHIBIT "A"
FINAL ASSESSMENT ROLL
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
17726 CARVER AVE. 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 **17726 CARVER AVE.** Assessment Area shall be **\$22,151.84** per parcel of property in the **17726 CARVER AVE.** Area.

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

ASSESSMENT BASED ON PARCEL OF PROPERTY. Each Parcel of Property in the **17726 CARVER AVE.** Assessment Area identified on EXHIBIT "B" shall be currently assessed in the amount of **\$19,936.66.**

PAYMENT OF ASSESSMENT. As to Parcels of **17726 CARVER AVE.** Assessment Area Property in EXHIBIT "B", the **\$19,936.66** assessment may be paid, interest free, at the office of the District on or before May 1, 2018.

Owners who do not pay the \$19,936.66 assessment on or before May 1, 2018 shall have the \$19,936.66 principal added to the tax roll as a non-ad valorem assessment to accrue interest, beginning October 1, 2017, at six and seven eights percent (6.875%) per annum, to be collected in twenty (20) equal annual installments of \$1,863.64, commencing with the November 1, 2018 Real Estate Tax Bill.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

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

PREPARED BY AND RETURN TO: WC-53
Curtis L. Shenkman, Esquire
DeSantis, Gaskill, Smith & Shenkman, P.A.
11891 U.S. Highway One, Suite 100
North Palm Beach, Florida 33408

**TRANSFER OF PROPERTY LIEN TO NON-AD
VALOREM TAX BILL & CERTIFICATION OF SPECIAL
ASSESSMENT ROLL FOR 17726 CARVER AVE. 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 November, 2016, passed Resolution 2016-33 which is attached hereto, approving the non-ad valorem tax bill, AND TRANSFERRING THE RECORDED LIEN ON PROPERTIES IDENTIFIED AS BEING PART OF THE **17726 CARVER AVE.** 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 Resolutions 2016-22, recorded on **JULY 25, 2016 in Official Record Book 28457, Pages 75 through 81, 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 November 17, 2016, 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 on November 17, 2016, 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)

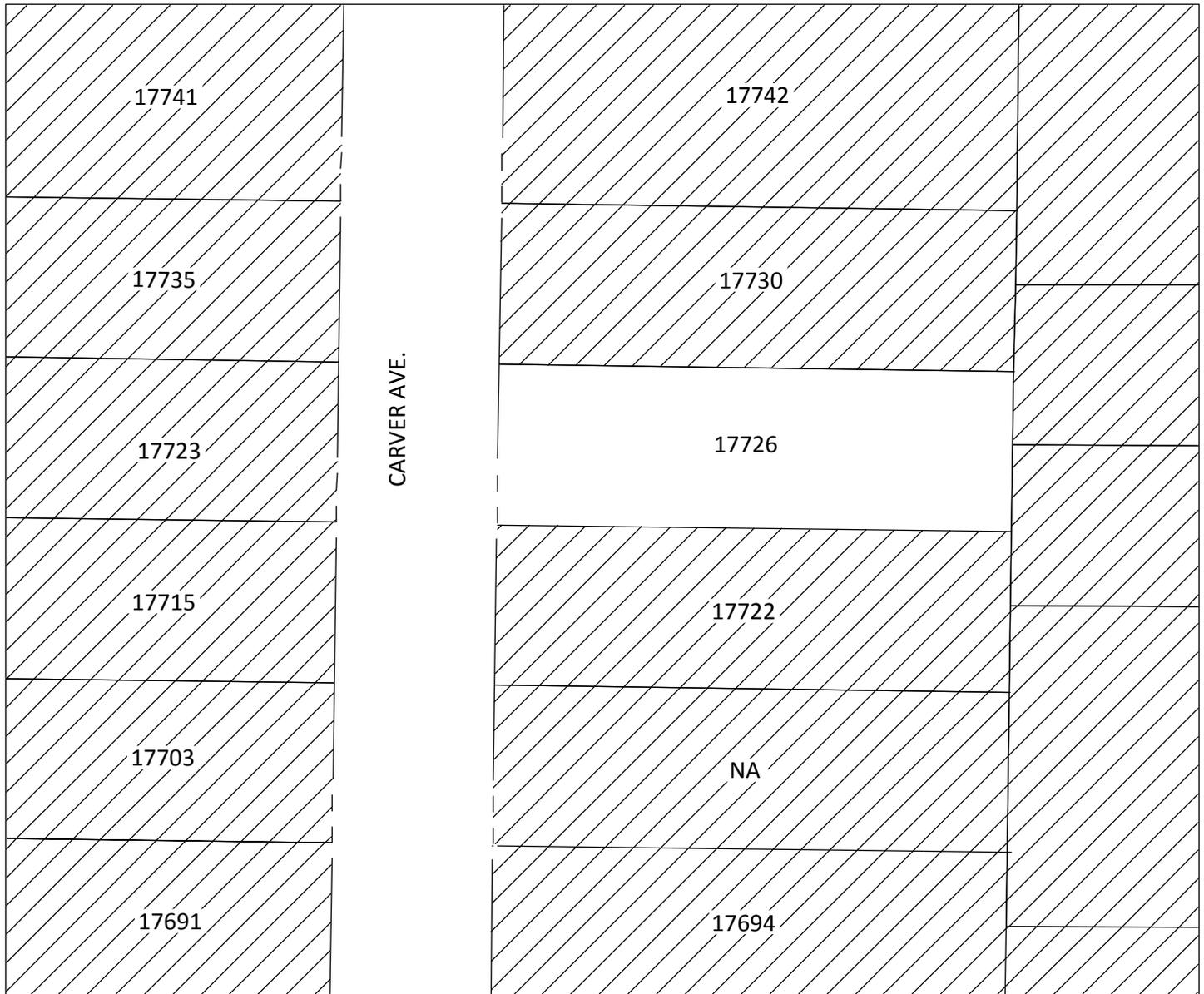
NOTARY PUBLIC, STATE OF FLORIDA

CAPM RE LLC
re: 17726 Carver Ave
6153 Sand Pine Ct
Jupiter FL 33458
30-42-4103-06-000-0440

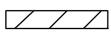
EXHIBIT "B"

17726 CARVER AVENUE

GRAVITY SYSTEM ASSESSMENT AREA



LEGEND

 NOT IN ASSESSMENT AREA

JUPITER, FLORIDA

TIMOTHY W. GASKILL
*Business, Probate
Family Litigation*



LEGAL ASSISTANTS
**CIVIL TRIAL, PROBATE
AND FAMILY LAW**
KAREN M. BOYDEN-LOPATOSKY
MINDY VASSER

PERSONAL INJURY
ROBIN B. MODLIN, CP
HEATHER SHEFLIN

REAL ESTATE
JUDY D. MONTEIRO
DENISE B. PAOLUCCI

DONALD R. SMITH
*Personal Injury & Wrongful Death
Commercial Litigation*

DESANTIS, GASKILL, SMITH & SHENKMAN, P.A.
ATTORNEYS & COUNSELORS AT LAW

CURTIS L. SHENKMAN
*Board Certified
Real Estate Attorney*

ESTABLISHED 1973

11891 U.S. HIGHWAY ONE, SUITE100
NORTH PALM BEACH, FLORIDA 33408

TELEPHONE (561) 622-2700 FACSIMILE (561) 622-2841

BROOKE GROGAN
Attorney

www.LawPalmBeach.com

November 1, 2016

Sent by email

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

Re: Initial Resolution for **TURTLE CREEK SUBSYSTEM 1** Assessment Area

Dear Dr. Arrington and Mr. Yerkes:

Per your request, please attach to this letter the Pending Lien Notice, Notice of Intent to Assess, Resolution 2016-34, the PROPOSED "Exhibit B Description of Improvements", "Exhibit B Map of the Assessment Area", and preliminary List of Property Owners.

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

"THAT THE GOVERNING BOARD approve Resolution 2016-34 the NOTICE OF INTENT to Assess, the Pending Lien Notice, and the Exhibits for the **TURTLE CREEK SUBSYSTEM 1** Assessment Area."

I will bring the originals to be signed at the Governing Board meeting. Thereafter the District will record in the Public Records.

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RETURN TO: WC-53
Curtis L. Shenkman, Esquire
DeSantis, Gaskill, Smith & Shenkman, P.A.
11891 U.S. Highway One
North Palm Beach, Florida 33408

PENDING LIEN NOTICE
TURTLE CREEK SUBSYSTEM 1 ASSESSMENT AREA

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

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

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

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, herein certifies that on this 17th day of November, 2016, 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 this 17th day of November, 2016, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, on behalf of the District, personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA
Special/Assessment/PendingLienNotice

RETURN TO: WC-53
Curtis L. Shenkman, Esquire
DeSantis, Gaskill, Smith & Shenkman, P.A.
11891 U.S. Highway One
North Palm Beach, Florida 33408

**NOTICE OF INTENT TO ASSESS
TURTLE CREEK SUBSYSTEM 1 ASSESSMENT AREA**

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida (the “District”) **created in 1971 and existing pursuant to Chapter 2002-358, Laws of Florida**, (the “Act”), hereby gives public notice that the District’s Governing Board on the 17th day of November, 2016, passed Resolution **2016-34**, authorizing the construction of certain local sewer improvements as further described in said Resolution **2016-34**, which is attached hereto as Exhibit “A”. It is the intent of the District to assess the owners of property specially benefited by such sewer improvements, which property is further described on the attached **Exhibit “B”**, and to apportion the District’s costs for the total expenses related to the design and construction of said improvements, based upon each owner’s proportionate share of said costs determined upon a square footage basis, or by other methods as the Governing Board may deem fair and equitable, pursuant to the Act and Rules of the District, as same may be amended from time to time hereafter.

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, hereby certifies on this 17th day of November, 2016, that the information contained herein is true and accurate.

WITNESSES:

D. Albrey Arrington
Executive Director

STATE OF FLORIDA
COUNTY OF PALM BEACH

SWORN TO and subscribed before me this 17th day of November, 2016, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, who is personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

Special/Assessment/NoticeIntentToAssess

RESOLUTION 2016-34

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO **TURTLE CREEK SUBSYSTEM 1** ASSESSMENT AREA IMPROVEMENTS IN ACCORDANCE WITH DISTRICT RULE 31-11; STATING THE NATURE OF THE PROPOSED IMPROVEMENTS; DESIGNATING THE STREETS TO BE IMPROVED; DESIGNATING THAT PLANS, SPECIFICATIONS, AND A TENTATIVE APPORTIONMENT BE PREPARED; PROVIDING FOR THE AVAILABILITY OF PLANS AND SPECIFICATIONS AND FOR THE PREPARATION OF THE PRELIMINARY SPECIAL ASSESSMENT ROLL; PROVIDING FOR DECLARING LINE AVAILABLE FOR CONNECTION; PROVIDING FOR CONSISTENCY; PROVIDING FOR SEVERABILITY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District”) has considered the need for improvements to the **TURTLE CREEK SUBSYSTEM 1** Assessment Area (the “Area”) in Martin County, Florida;

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

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

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

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

Section 1. Title:

This Resolution shall be known as the Resolution Authorizing the Project known as “**TURTLE CREEK SUBSYSTEM 1** Assessment Area Improvements”.

Section 2. Nature of Improvements:

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

Section 3. Designation of Streets to be Improved:

The streets included within the **TURTLE CREEK SUBSYSTEM 1** Assessment Area Improvements are set forth on Composite Exhibit “B”.

Section 4. Plans, Specifications and Tentative Apportionment:

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

Section 5. Public Inspection:

The Plans, Specifications and tentative apportionments for the **TURTLE CREEK SUBSYSTEM 1** Assessment Area Improvements shall be available for inspection in the Office of the

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

Section 6. Assessment Roll:

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

Section 7. Availability for Connection and Required Connection:

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

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

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

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

PASSED AND ADOPTED BY THE GOVERNING BOARD OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, THIS 17th DAY OF NOVEMBER, 2016.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
VOTE

GORDON M. BOGGIE, Chairman

STEPHEN ROCKOFF

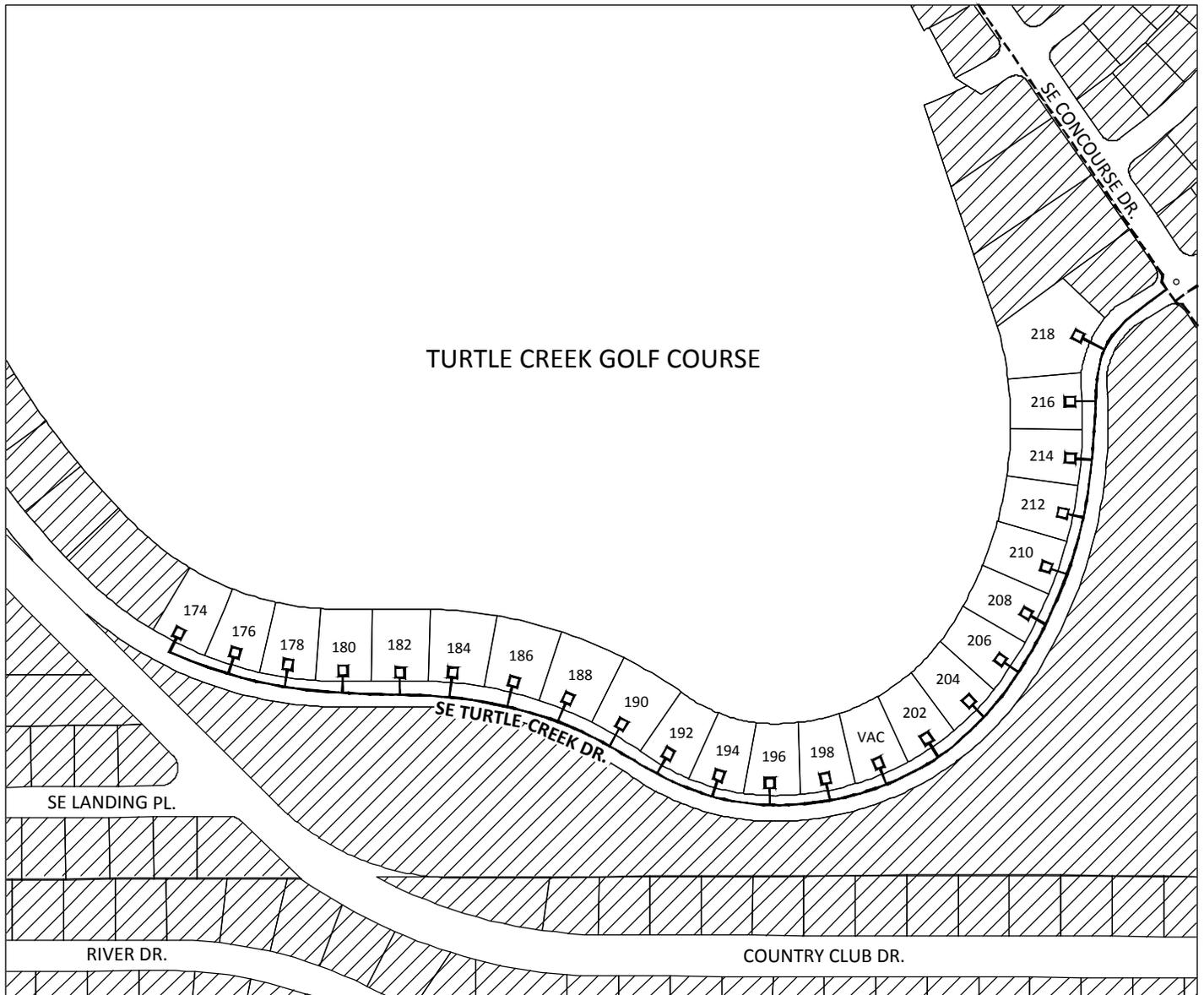
HARVEY M. SILVERMAN

JAMES D. SNYDER

DR. MATT H. ROSTOCK

EXHIBIT "B"

TURTLE CREEK SUBSYSTEM 1 SEWER ASSESSMENT AREA



LEGEND

- NOT IN ASSESSMENT AREA
- EXISTING FORCE MAIN
- PROPOSED LP SEWER MAIN
- PROPOSED LP SEWER SERVICE

MARTIN COUNTY, FLORIDA

EXHIBIT “B”

PROPOSED SEWER SERVICE ASSESSMENT AREA

TURTLE CREEK SUBSYSTEM I ASSESSMENT AREA

The properties to be provided sewer service are located within Section 23, Township 40 South, Range 42 East, Unincorporated Martin County, Florida and lies within the following general boundaries:

On the North by Turtle Creek Golf Course;
On the South by Tequesta Country Club Community;
On the East by Concourse Dr., Turtle Creek; and
On the West by SE Country Club Drive.

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

2,818 L.F. of 2 ½” Low Pressure Force Main
23 Services
23 Low Pressure Pump Units

Mr. & Mrs. Randy Cropp
re: 218 SE Turtle Creek Dr
218 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-015-004-00280-8

Livingston Ent, LLC
re: 174 SE Turtle Creek Dr
174 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00030-8

Mr. Alphonse Santoro
re: 176 SE Turtle Creek Dr
176 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00040-6

Mr. & Mrs. William Brown
re: 178 SE Turtle Creek Dr
178 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00050-3

Mr. & Mrs. John Kayajan
re: 180 SE Turtle Creek Dr
180 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00060-1

Mr. Steven Shourds
re: 182 SE Turtle Creek Dr
182 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00070-9

Mr. & Mrs. Charles Downham
re: 184 SE Turtle Creek Dr
184 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00080-7

Mr. & Mrs. Gregg Mock
re: 186 SE Turtle Creek Dr
186 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00090-5

Mr. & Mrs. Kenneth Wade
re: 188 SE Turtle Creek Dr
188 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00100-3

Ms. Nancy Jarosky
re: 190 SE Turtle Creek Dr
190 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00110-1

Mr. Daniel Freeman
re: 192 SE Turtle Creek Dr
192 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00120-9

Ms. Joyce Bell
re: 194 SE Turtle Creek Dr
194 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00130-7

Mr. & Mrs. Donald Battiston
re: 196 SE Turtle Creek Dr
196 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00140-5

Mr. & Mrs. David Spinelli
re: 198 SE Turtle Creek Dr
198 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00150-2

Mr. & Mrs. Peter Lawler
re: 0 SE Turtle Creek Dr
29 Ocean Dr
Jupiter FL 33469
22-40-42-016-000-00160-0

Mr. & Mrs. Raymond Beuparlant
re: 202 SE Turtle Creek Dr
202 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00170-8

Ms. Carol Wenzel
re: 204 SE Turtle Creek Dr
204 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00180-6

Mr. David Giamartino
re: 206 SE Turtle Creek Dr
4245 E Genessee St
Syracuse NY 13214
22-40-42-016-000-00190-4

Mr. & Mrs. John Turk
re: 208 SE Turtle Creek Dr
208 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00200-2

Mr. & Mrs. Reuben Ingram
re: 210 SE Turtle Creek Dr
210 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00210-0

Mr. & Mrs. Kenneth Mooney
re: 212 SE Turtle Creek Dr
212 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00220-8

Mr. & Mrs. Donald Dal Bianco
re: 214 SE Turtle Creek Dr
214 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00230-6

Mr. & Mrs. Thomas Malloy
re: 216 SE Turtle Creek Dr
216 SE Turtle Creek Dr
Tequesta FL 33469
22-40-42-016-000-00240-4

TIMOTHY W. GASKILL
*Business, Probate
Family Litigation*



LEGAL ASSISTANTS
**CIVIL TRIAL, PROBATE
AND FAMILY LAW**
KAREN M. BOYDEN-LOPATOSKY
MINDY VASSER

DONALD R. SMITH
*Personal Injury & Wrongful Death
Commercial Litigation*

DESANTIS, GASKILL, SMITH & SHENKMAN, P.A.

ATTORNEYS & COUNSELORS AT LAW

ESTABLISHED 1973

11891 U.S. HIGHWAY ONE, SUITE100
NORTH PALM BEACH, FLORIDA 33408

TELEPHONE (561) 622-2700 FACSIMILE (561) 622-2841

www.LawPalmBeach.com

PERSONAL INJURY
ROBIN B. MODLIN, CP
HEATHER SHEFLIN

REAL ESTATE
JUDY D. MONTEIRO
DENISE B. PAOLUCCI

CURTIS L. SHENKMAN
*Board Certified
Real Estate Attorney*

BROOKE GROGAN
Attorney

October 28, 2016

Sent by email

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

Re: Resolution for **HYLAND TERR PH II** Assessment Area

Dear Dr. Arrington and Mr. Yerkes:

Per your request, please attach to this letter the Pending Lien Notice, Notice of Intent to Assess, Resolution 2016-35, the PROPOSED "Exhibit B Description of Improvements", "Exhibit B Map of the Assessment Area", and preliminary List of Property Owners.

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

"THAT THE GOVERNING BOARD approve Resolution 2016-35 the NOTICE OF INTENT to Assess, the Pending Lien Notice, and the Exhibits for the **HYLAND TERR PH II** Assessment Area."

I will bring the originals to be signed at the Governing Board meeting. Thereafter the District will record in the Public Records.

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RETURN TO: WC-53
Curtis L. Shenkman, Esquire
DeSantis, Gaskill, Smith & Shenkman, P.A.
11891 U.S. Highway One
North Palm Beach, Florida 33408

PENDING LIEN NOTICE
HYLAND TERR PH II ASSESSMENT AREA

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

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

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

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, herein certifies that on this 17th day of November, 2016, 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 this 17th day of November, 2016, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, on behalf of the District, personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA
Special/Assessment/PendingLienNotice

RETURN TO: WC-53
Curtis L. Shenkman, Esquire
DeSantis, Gaskill, Smith & Shenkman, P.A.
11891 U.S. Highway One
North Palm Beach, Florida 33408

**NOTICE OF INTENT TO ASSESS
HYLAND TERR PH II ASSESSMENT AREA**

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida (the “District”) **created in 1971 and existing pursuant to Chapter 2002-358, Laws of Florida**, (the “Act”), hereby gives public notice that the District’s Governing Board on the 17th day of November, 2016, passed Resolution **2016-35**, authorizing the construction of certain local sewer improvements as further described in said Resolution **2016-35**, which is attached hereto as Exhibit “A”. It is the intent of the District to assess the owners of property specially benefited by such sewer improvements, which property is further described on the attached **Exhibit “B”**, and to apportion the District’s costs for the total expenses related to the design and construction of said improvements, based upon each owner’s proportionate share of said costs determined upon a square footage basis, or by other methods as the Governing Board may deem fair and equitable, pursuant to the Act and Rules of the District, as same may be amended from time to time hereafter.

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, hereby certifies on this 17th day of November, 2016, that the information contained herein is true and accurate.

WITNESSES:

D. Albrey Arrington
Executive Director

STATE OF FLORIDA
COUNTY OF PALM BEACH

SWORN TO and subscribed before me this 17th day of November, 2016, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, who is personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

Special/Assessment/NoticeIntentToAssess

RESOLUTION 2016-35

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

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District”) has considered the need for improvements to the **HYLAND TERR PH II** Assessment Area (the “Area”) in Martin County, Florida;

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

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

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

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

Section 1. Title:

This Resolution shall be known as the Resolution Authorizing the Project known as “**HYLAND TERR PH II** Assessment Area Improvements”.

Section 2. Nature of Improvements:

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

Section 3. Designation of Streets to be Improved:

The streets included within the **HYLAND TERR PH II** Assessment Area Improvements are set forth on Composite Exhibit “B”.

Section 4. Plans, Specifications and Tentative Apportionment:

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

Section 5. Public Inspection:

The Plans, Specifications and tentative apportionments for the **HYLAND TERR PH II** Assessment Area Improvements shall be available for inspection in the Office of the Executive Director,

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

Section 6. Assessment Roll:

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

Section 7. Availability for Connection and Required Connection:

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

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

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

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

PASSED AND ADOPTED BY THE GOVERNING BOARD OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, THIS 17th DAY OF NOVEMBER, 2016.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
VOTE

GORDON M. BOGGIE, Chairman

STEPHEN ROCKOFF

HARVEY M. SILVERMAN

JAMES D. SNYDER

DR. MATT H. ROSTOCK

EXHIBIT "B"

HYLAND TERRACE PHASE II LOW PRESSURE SEWER SYSTEM ASSESSMENT AREA



LEGEND

- NOT IN ASSESSMENT AREA
- EXISTING LP SEWER MAIN
- PROPOSED LP SEWER MAIN
- PROPOSED LP SEWER SERVICE

MARTIN COUNTY

EXHIBIT “B”

PROPOSED SEWER SERVICE ASSESSMENT AREA

HYLAND TERR PH II LOW PRESSURE ASSESSMENT AREA

The properties to be provided sewer service are located within Section 24, Township 40 South, Range 42 East, Unincorporated Martin County, Florida and lies within the following general boundaries:

- On the North by Jonathan Dickinson State Park;
- On the South by SE Pine Grove Street;
- On the East by Jonathan Dickinson State Park;
- On the West by S.E. County Line Road

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

- 550 Lineal Feet of Low Pressure Force Main
- 6 Services
- 6 Simplex Low Pressure Pumping Units

State of Florida TIITF
3900 Commonwealth Blvd
Tallahassee FL 32399
re: 18045 SE County Line Rd
24-40-42-001-001-00000-5

Mr. Clarence Chabek
18040 SE Seminole Terr
Tequesta FL 33469
re: 10840 SE Seminole Terr
24-40-42-001-017-00030-5

Mr. & Mrs. Joseph Broedell
18060 SE Seminole Terr
Tequesta FL 33469
re: 10860 SE Seminole Terr
24-40-42-001-017-00050-0

Ms. Barborka Schmidt
10880 SE Seminole Terr
Tequesta FL 33469
re: 10880 SE Seminole Terr
24-40-42-001-017-00070-6

Mr. & Mrs. Henry Knight III
10900 SE Seminole Terr
Tequesta FL 33469
re: 10900 SE Seminole Terr
24-40-42-001-017-00090-2

Mr. & Mrs. Robert Bayne
10920 SE Seminole Terr
Tequesta FL 33469
re: 10920 SE Seminole Terr
24-40-42-001-017-00110-8

TIMOTHY W. GASKILL
*Business, Probate
Family Litigation*



LEGAL ASSISTANTS
**CIVIL TRIAL, PROBATE
AND FAMILY LAW**
KAREN M. BOYDEN-LOPATOSKY
MINDY VASSER

PERSONAL INJURY
ROBIN B. MODLIN, CP
HEATHER SHEFLIN

REAL ESTATE
JUDY D. MONTEIRO
DENISE B. PAOLUCCI

DONALD R. SMITH
*Personal Injury & Wrongful Death
Commercial Litigation*

DESANTIS, GASKILL, SMITH & SHENKMAN, P.A.
ATTORNEYS & COUNSELORS AT LAW

CURTIS L. SHENKMAN
*Board Certified
Real Estate Attorney*

ESTABLISHED 1973

11891 U.S. HIGHWAY ONE, SUITE100
NORTH PALM BEACH, FLORIDA 33408

TELEPHONE (561) 622-2700 FACSIMILE (561) 622-2841

BROOKE GROGAN
Attorney

www.LawPalmBeach.com

November 1, 2016

Sent by email

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

Re: Initial Resolution for **10957 SE HARKEN TERR** Assessment Area

Dear Dr. Arrington and Mr. Yerkes:

Per your request, please attach to this letter the Pending Lien Notice, Notice of Intent to Assess, Resolution 2016-36, the PROPOSED "Exhibit B Description of Improvements", "Exhibit B Map of the Assessment Area", and preliminary List of Property Owners.

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

"THAT THE GOVERNING BOARD approve Resolution 2016-36 the NOTICE OF INTENT to Assess, the Pending Lien Notice, and the Exhibits for the **10957 SE HARKEN TERR** Assessment Area."

I will bring the originals to be signed at the Governing Board meeting. Thereafter the District will record in the Public Records.

Sincerely,

Curtis L. Shenkman

Curtis L. Shenkman

RETURN TO: WC-53
Curtis L. Shenkman, Esquire
DeSantis, Gaskill, Smith & Shenkman, P.A.
11891 U.S. Highway One
North Palm Beach, Florida 33408

PENDING LIEN NOTICE
10957 SE HARKEN TERR. ASSESSMENT AREA

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

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

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

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, herein certifies that on this 17th day of November, 2016, 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 this 17th day of November, 2016, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida, on behalf of the District, personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA
Special/Assessment/PendingLienNotice

RETURN TO: WC-53
Curtis L. Shenkman, Esquire
DeSantis, Gaskill, Smith & Shenkman, P.A.
11891 U.S. Highway One
North Palm Beach, Florida 33408

**NOTICE OF INTENT TO ASSESS
10957 SE HARKEN TERR. ASSESSMENT AREA**

THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, a special district of the State of Florida (the “District”) **created in 1971 and existing pursuant to Chapter 2002-358, Laws of Florida**, (the “Act”), hereby gives public notice that the District’s Governing Board on the 17th day of November, 2016, passed Resolution **2016-36**, authorizing the construction of certain local sewer improvements as further described in said Resolution **2016-36**, which is attached hereto as Exhibit “A”. It is the intent of the District to assess the owners of property specially benefited by such sewer improvements, which property is further described on the attached **Exhibit “B”**, and to apportion the District’s costs for the total expenses related to the design and construction of said improvements, based upon each owner’s proportionate share of said costs determined upon a square footage basis, or by other methods as the Governing Board may deem fair and equitable, pursuant to the Act and Rules of the District, as same may be amended from time to time hereafter.

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

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

IN WITNESS WHEREOF, the undersigned, Executive Director of the Loxahatchee River Environmental Control District, hereby certifies on this 17th day of November, 2016, that the information contained herein is true and accurate.

WITNESSES:

D. Albrey Arrington
Executive Director

STATE OF FLORIDA
COUNTY OF PALM BEACH

SWORN TO and subscribed before me this 17th day of November, 2016, by D. Albrey Arrington, EXECUTIVE DIRECTOR of the LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, who is personally known to me.

(NOTARY SEAL)

NOTARY PUBLIC, STATE OF FLORIDA

Special/Assessment/NoticeIntentToAssess

RESOLUTION 2016-36

A RESOLUTION OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT RELATING TO **10957 SE HARKEN TERR.** ASSESSMENT AREA IMPROVEMENTS IN ACCORDANCE WITH DISTRICT RULE 31-11; STATING THE NATURE OF THE PROPOSED IMPROVEMENTS; DESIGNATING THE STREETS TO BE IMPROVED; DESIGNATING THAT PLANS, SPECIFICATIONS, AND A TENTATIVE APPORTIONMENT BE PREPARED; PROVIDING FOR THE AVAILABILITY OF PLANS AND SPECIFICATIONS AND FOR THE PREPARATION OF THE PRELIMINARY SPECIAL ASSESSMENT ROLL; PROVIDING FOR DECLARING LINE AVAILABLE FOR CONNECTION; PROVIDING FOR CONSISTENCY; PROVIDING FOR SEVERABILITY; PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Governing Board of the Loxahatchee River Environmental Control District (hereinafter called the “District”) has considered the need for improvements to the **10957 SE HARKEN TERR.** Assessment Area (the “Area”) in Martin County, Florida;

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

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

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

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

Section 1. Title:

This Resolution shall be known as the Resolution Authorizing the Project known as “**10957 SE HARKEN TERR.** Assessment Area Improvements”.

Section 2. Nature of Improvements:

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

Section 3. Designation of Streets to be Improved:

The streets included within the **10957 SE HARKEN TERR.** Assessment Area Improvements are set forth on Composite Exhibit “B”.

Section 4. Plans, Specifications and Tentative Apportionment:

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

Section 5. Public Inspection:

The Plans, Specifications and tentative apportionments for the **10957 SE HARKEN TERR.** Assessment Area Improvements shall be available for inspection in the Office of the Executive Director,

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

Section 6. Assessment Roll:

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

Section 7. Availability for Connection and Required Connection:

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

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

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

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

PASSED AND ADOPTED BY THE GOVERNING BOARD OF THE LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT, THIS 17th DAY OF NOVEMBER, 2016.

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
VOTE

GORDON M. BOGGIE, Chairman

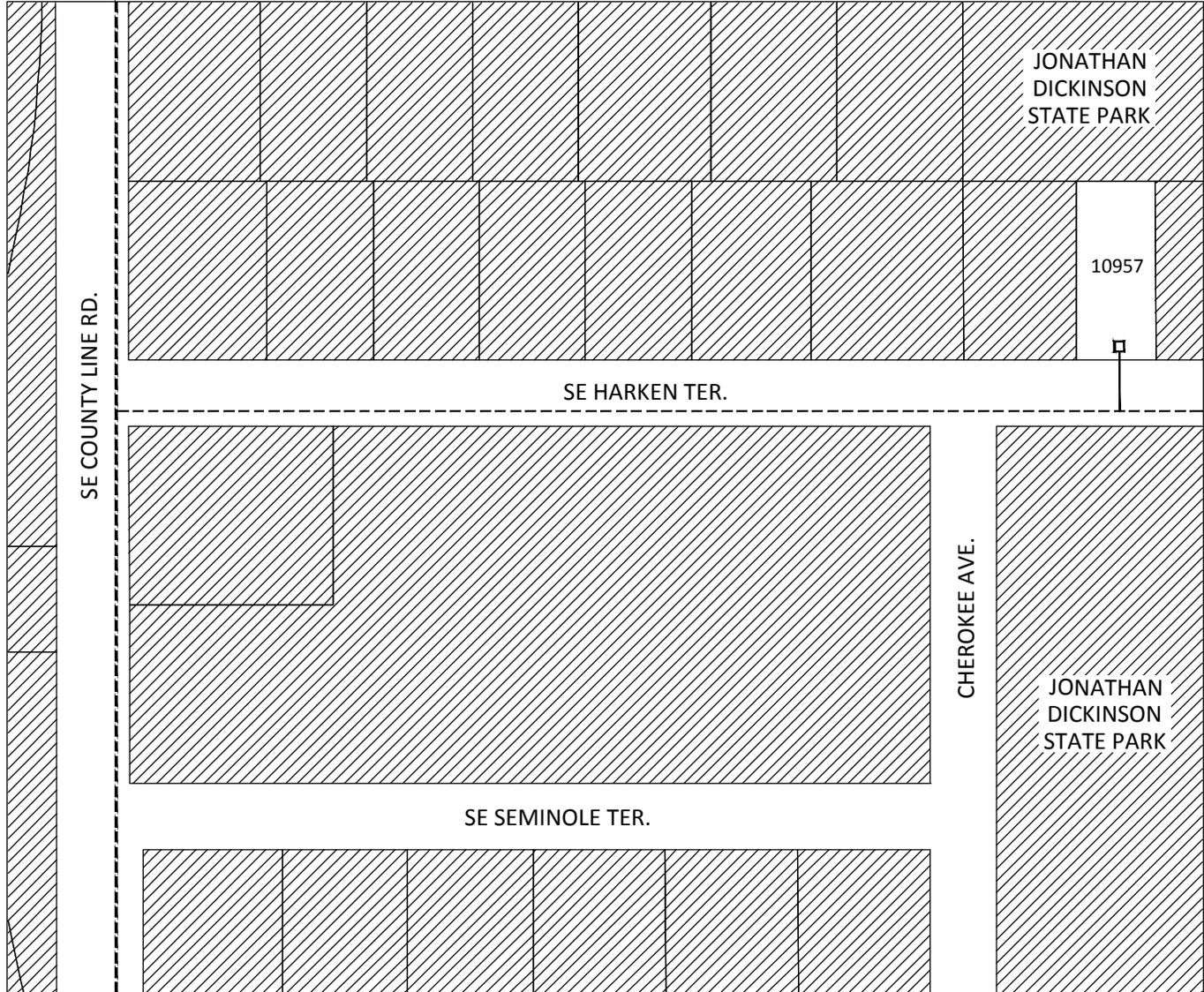
STEPHEN ROCKOFF

HARVEY M. SILVERMAN

JAMES D. SNYDER

DR. MATT H. ROSTOCK

REVISED EXHIBIT "B" 10957 SE HARKEN TERRACE LOW PRESSURE SEWER SYSTEM ASSESSMENT AREA



LEGEND

- NOT IN ASSESSMENT AREA
- EXISTING LP SEWER MAIN
- PROPOSED LP SEWER SERVICE

MARTIN COUNTY

REVISED

EXHIBIT “B”

PROPOSED SEWER SERVICE ASSESSMENT AREA

10957 SE HARKEN TERR. LOW PRESSURE ASSESSMENT AREA

The property to be provided sewer service is 10957 SE Harken Terr. located within Section 24, Township 40 South, Range 42 East, Unincorporated Martin County, Florida and lies within the following general boundaries:

On the North by Jonathan Dickinson State Park;
On the South by Jonathan Dickinson State Park;
On the East by Jonathan Dickinson State Park; and
On the West by S.E. County Line Road.

PCN: 24-40-42-001-008-00130-3

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

- 1 Service
- 1 Simplex Low Pressure Pumping Unit

Mr. & Mrs. Alan Hodel
10957 SE Harken Terr
Tequesta FL 33469
re: 10957 SE Harken Terr
24-40-42-001-008-00140-1

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

TO: D. ALBREY ARRINGTON, Ph.D., Executive Director

FROM: CLINTON R. YERKES, Deputy Executive Director

DATE: NOVEMBER 7, 2016

SUBJECT: ENGINEERING SERVICES CONTRACT - Approval
Turtle Creek Subsystem 2 & 3 Gravity Sewers

This is a budgeted item for the current fiscal year in the amount of approximately \$250,000.00. This amount is primarily for the design, permitting and bidding phase of the project. It is anticipated that the majority of construction (est. \$600,000) will be in Fiscal Year 2018.

Last month the Governing Board approved the Notice of Intent to Assess for provision of gravity sewers to this phase of Turtle Creek in response to the majority of property owners that indicated a preference and the District's stated preference. As shown on the attached aerial Subsystem 2 is located on the west side of Turtle Creek and is comprised of 27 properties.

Holtz Consulting Engineers (HCE) has performed the preliminary engineering work on this project and has provided a proposal for final Design, Permitting, Bidding, Construction Administration and Construction Observation Services. District staff has worked with the engineers to establish an acceptable scope and cost for the services.

The following motion is suggested for approval of this item:

“THAT THE DISTRICT GOVERNING BOARD authorize award of contract to Holtz Consulting Engineers for provision of Engineering Services for Turtle Creek Subsystem 2 & 3 Gravity Sewers in accordance with their proposed Work Authorization: 2015-08 in an amount Not to Exceed \$112,900.00.

And

A contingent amount of \$2,500.00”

Should you have any questions please contact me.

V:/cip/proj/TurtleCrk/Subsyst2/Eng/Board MemoAward

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman **78**

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

Martin County, FL



Legend

| | | | | | | | | | |
|--------------|-----|--------------------|-----|----------|---------|-----------------|----------|--------------|------------|
| Roads | EXP | MAA; MAC; MIA; PKY | MIC | RES; RMP | Airport | Parcel Polygons | Red: Red | Green: Green | Blue: Blue |
| | | | | | | | | | |



SE Landing Pt
 Author: Martin County, GIS
 Copyright: Copyright 2015

Date: 11/8/2016
 This Geographic Information System Map Product, received from Martin County (COUNTY), in fulfillment of a public records request is provided, as is, without warranty of any kind, and the COUNTY expressly disclaims all express and implied warranties, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. The COUNTY does not warrant, guarantee, or make any representations regarding the use of the results of the use of the information provided to you by the COUNTY in terms of correctness, accuracy, reliability, timeliness or otherwise. The entire risk as to the results and performance of any information obtained from the COUNTY is entirely assumed by the recipient.

880 Feet

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

**TURTLE CREEK
SUBSYSTEM 2
GRAVITY SEWERS**

WORK AUTHORIZATION: 2015-08

BACKGROUND

This Agreement is for the performance of engineering services by Holtz Consulting Engineers, Inc. (HCE) pursuant to the Continuing Contract for Professional Engineering Services between Loxahatchee River District (District) and HCE dated February 4, 2015, hereafter referred to as the Contract.

This project includes installation of gravity sewer in Subsystem 2 of Turtle Creek Village. Subsystem 2 is located in the western section of Turtle Creek Village and consists of lots numbered 134, 136 through 156, 158, 160, 164, 165, 168, and 170 on S.E. Turtle Creek Drive. The proposed 8-inch gravity system will connect into two existing sanitary manholes on S.E. Country Club Drive. The project will also include the installation of five gravity sewer service laterals for lots 122, 126, 128, 130, and 132 that will connect into the existing gravity sewer on S.E. Country Club Drive.

The design elements for Subsystem 2 are assumed to include the following:

- Approximately 2,300 linear feet of 8-inch gravity sewer system per District standards to serve 27 properties on S.E. Turtle Creek Drive. Final pipeline lengths may increase or decrease due to field conditions. The gravity sewer will discharge into two existing manholes located on S.E. Country Club Drive. The project will also include the installation of five gravity sewer service laterals for lots 122, 126, 128, 130, and 132 that will connect into the existing gravity sewer on S.E. Country Club Drive.
- Restoration of all affected areas to existing conditions or better.
- Obtain South Florida Water Management District (SFWMD) dewatering permit prior to construction and provide dewatering monitoring during construction.

SCOPE OF WORK

The District has requested comprehensive engineering services from HCE to provide surveying, geotechnical engineering, engineering design, permitting, bidding assistance, and services during construction related to areas within Turtle Creek Subsystem 2. Specific tasks include the following:

TASK 1 – SURVEYING SERVICES

HCE shall furnish the services of Lidberg Land Surveying, Inc. to provide survey services consisting of field topography and horizontal locations referenced by baseline stationing. Lidberg Land Surveying will prepare a route survey for the proposed gravity sewer main along S.E. Turtle Creek Drive and for connections into the existing gravity sewer system on S.E. Country Club Drive. The base file will be based on the recorded plats for Turtle Creek Village, recorded in Plat Book 4, Page 93, as shown on the B.L.I. Minor Plat recorded in Plat Book 5 all in the Public Records of Martin County, Florida. The survey will be in State Plane Coordinates, North American Datum of 1983 and will locate the necessary pavement, driveways, sidewalks, curbs, walls, visible above ground utilities and large trees. Cross sections will be obtained at approximate 50 foot intervals, with additional elevations at any intermediate changes in grade, and will extend 10 feet into the adjacent lots. Permanent benchmarks will be established at approximate 600 foot intervals and will be referenced to National Geodetic Vertical Datum of 1929 (NGVD 29). The survey will include the top and invert elevations for any storm drainage and sanitary sewer structure, along with their respective pipe sizes and materials.

TASK 2 – GEOTECHNICAL ENGINEERING SERVICES FOR SUBSYSTEM 2

HCE shall furnish the services of Anderson Andre Consulting Engineers to perform subsurface explorations and geotechnical studies to obtain subsurface soil information necessary for the proper design of the proposed gravity sewer main alignment. The work includes four (4) standard penetration tests to a depth of 15 feet. The borings will be performed in general accordance with procedures recommended in ASTM D-1586, using a truck-mounted drilling rig. A geotechnical report summarizing the results of the boring will be made available to potential bidders for informational purposes only. The report will include the location and depth of the borings, visual classification of the recovered samples, and compressive strength test results on rock as necessary.

TASK 3 – DESIGN SERVICES FOR SUBSYSTEM 2

HCE shall prepare detailed plan drawings and specifications depicting the installation of approximately 2,300 linear feet of proposed 8-inch gravity sewer system to serve 27 properties on S.E. Turtle Creek Drive. The gravity sewer will be in two segments and will connect to two existing manholes located on S.E. Country Club Drive. The plans will also include the installation of five gravity sewer service laterals for lots 122, 126, 128, 130, and 132 that will connect into the existing gravity sewer on S.E. Country Club Drive.

Work will include the preparation of drawings and specifications for the construction of the work. HCE will coordinate a kick-off meeting, make site visits as necessary, and attend

meetings as required. HCE shall prepare engineer's opinion of probable cost of construction at the 30% submittal and at the completion of the design.

Approximately thirteen (13) design drawings will be provided for this project. Plan and profile sheets will be prepared at a 1"= 20' scale. The preliminary drawing list is as follows:

- G-1 Cover and Index
- G-2 Legend and General Notes
- G-3 Key Sheet
- C-1 Gravity Sewer Main Plan and Profile View Sheet 1
- C-2 Gravity Sewer Main Plan and Profile View Sheet 2
- C-3 Gravity Sewer Main Plan and Profile View Sheet 3
- C-4 Gravity Sewer Main Plan and Profile View Sheet 4
- C-5 Gravity Sewer Main Plan and Profile View Sheet 5
- C-6 Gravity Sewer Main Plan and Profile View Sheet 6
- C-4 Details Sheet 1
- C-5 Details Sheet 2
- C-6 Details Sheet 3
- C-7 Details Sheet 4

Engineer shall prepare the following submittals:

- 30% site plan and pipe layout for approval by LRD staff.
- 90% plan and profile plans and specifications incorporating LRD's comments on the 30% submittal. The Contract Documents and Technical Specifications will be provided as a Word document for legal review.
- 100% plans and specifications incorporating LRD's comments on the 90% submittal for public bidding.
- Engineer's opinion of probable construction cost at the 30% submittal and at the 100% submittal based on the final bidding documents.

TASK 4 – PERMITTING SERVICES FOR SUBSYSTEM 2

HCE shall prepare permit applications for construction of the gravity sewer main for submittal to the following agencies at the same time as the 90% design submittal, after incorporating

comments on the 30% submittal. Permit fees will be paid by LRD. HCE will respond to requests for information (RFIs) from the permitting agencies:

- Florida Department of Environmental Protection – Notification / Application for Constructing a Domestic Wastewater Collection / Transmission System
- Initial submittal to Martin County Engineering for review. Contractor will obtain the Martin County Right-of-Way Use Permit prior to construction commencing.

HCE will coordinate with the permitting agencies during the review process on a regular basis in an effort to keep the project on schedule and respond to their review comments.

HCE will also coordinate with the Contractor and Martin County Engineering and provide documents as needed to assist the Contractor in procuring a Martin County Right-of-Way Use Permit.

TASK 5 – DEWATERING PERMIT AND MONITORING FOR SUBSYSTEM 2

HCE shall furnish the services of JLA Geosciences, Inc. (JLA) to provide hydrogeologic consulting services to prepare a South Florida Water Management District (SFWMD) dewatering permit application for gravity sewer installation and provide dewatering monitoring during construction. JLA will attend project design, permitting and progress meetings with HCE, LRD, and SFWMD. Meetings will include one (1) pre dewatering permit application, one (1) pre-bid meeting and one (1) pre-construction meeting. Prior to preparation of the Permit application, JLA will review historical information on file with SFWMD to identify existing wells in the vicinity of the project and review existing water use permits, if any; review water quality data from nearby monitor wells and river monitoring stations.

JLA will prepare a General Permit Application for Dewatering which will include the following:

- a) Identify potential environmental impacts resulting from the allocation including, natural surface water bodies, and other environmental features dependent on the area water resources.
- b) Evaluate if the allocation will cause significant movement of the existing saline water.
- c) Address potential for the allocation to cause the movement of pollutants from known nearby sources of groundwater pollution, based on review of FDEP databases.
- d) Address potential impact to offsite land uses that may be affected by the proposed allocation.
- e) Evaluate if the proposed allocation would cause an adverse impact on existing legal users of the groundwater resource that is greater than is allowed by SFWMD criteria.
- f) Prepare the water use permit application and supporting documentation.
- g) Work with HCE and LRD to optimize dewatering discharge location and methods that are consistent with SFWMD criteria.

Note that the above evaluation of potential impacts will not include groundwater modeling to assess potential impacts from dewatering activities. The evaluation will rely upon proposed dewatering locations and anticipated dewatering depths and operations. This information will be assessed with respect to our understanding that LRD has performed dewatering operations for numerous projects similar if not identical to this one without causing adverse impacts pertinent to SFWMD permitting criteria. This includes a project at Turtle Creek, which based on preliminary review of project plans involved more extensive and apparently more complicated operations (with respect to potential environmental impacts). The previous Turtle Creek project apparently involved dewatering to deeper depths and at more locations closer to the Loxahatchee River. It was completed successfully without causing harm or adverse impacts to the water resource, the environment, or protected legal users. It is anticipated that the proposed project will involve dewatering operations comparable to those completed historically; consequently, we will cite the previous successful project completions without causing adverse impacts along with other SFWMD application materials to provide reasonable assurance that the proposed dewatering will not cause harm.

JLA will also conduct dewatering monitoring during construction which will include the following:

- a) Attend monthly construction progress meetings at LRD offices with HCE, LRD, and SFWMD (5 total).
- b) Coordinate surface water sample collection by LRD during dewatering activities and review results weekly.
- c) Maintain communications with SFWMD inspector as needed.
- d) Visit the site periodically (at least once monthly) over the five month project period to confirm that the Contractor understands and complies with the SFWMD permit.
- e) Water sample collection, turbidity, chloride, and specific conductance analyses will be performed by LRD staff. Water samples will likely be required to be collected daily from each off site dewatering discharge point and from the surface water background location where surface water discharge is permitted. Provide weekend backup for sampling. JLA will review data collected by LRD.
- f) Dewatering water quality reporting and submittal will be electronic format and emailed to HCE monthly (5 submittals).

TASK 6 – BIDDING SERVICES FOR SUBSYSTEM 2

HCE will perform, as required by LRD, the following services during the bidding or negotiating phase of the Project:

1. Prepare bid documents. The District will advertise, distribute bid documents, and prepare contracts for execution.
2. Conduct a pre-bid meeting and site visit and issue meeting minutes to all plan holders.
3. Respond to questions bidders may have concerning the bid documents and issue addenda

as necessary to clarify the bid documents.

4. Attend the bid opening and prepare the bid tabulation form.
5. Evaluate bids and prepare a recommendation of award.

TASK 7 – ENGINEERING SERVICES DURING CONSTRUCTION FOR SUBSYSTEM 2

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

1. Conduct the pre-construction meeting with the Contractor, and other interested parties, and issue meeting minutes.
2. Review and comment on submittals submitted by the Contractor.
3. Provide the Contractor with clarifications concerning questions about the Contract Documents and respond to requests for information.
4. Review quantities and payment application after review and approval by the field inspector and make the recommendations necessary for the approval or rejection of the Contractor's monthly payment applications. A total of five requests are assumed.
5. Review contractor's claims and prepare change orders as necessary.
6. Review and comment on the Record Drawings submitted by the Contractor.
7. Provide full time construction observation to determine that the project is being constructed in substantial conformance with the permitted drawings to certify completion of construction to the FDEP and evaluate the Contractor's compliance with the Contract Documents (approximately 18 weeks of actual construction and 40 hours per week of construction observation and inspection by the Engineer to monitor compliance with the design intent, permit, and contract requirements).
8. Verify that the work has progressed to the substantial completion point in accordance with the Contract Documents. The Engineer will inspect the completed work in a project walk-through and prepare a punch list of items remaining to be completed which will be attached to the certificate of substantial completion.
9. Verify that the work items identified on the punch list prepared under Item 8 above and all other Work identified as being incomplete have been completed in accordance with the Contract Documents. The Engineer will ensure all final punch lists are satisfactorily completed prior to approval of the Contractor's Final Payment Request.
10. Submit the required information for the closing out of the permits.

TASK 8 – UTILITY LOCATES ALLOWANCE

Lidberg Land Surveying will contract with Ground Hound Detection Services for the existing buried utilities marked and flagged. Surface excavations will be conducted in order to obtain depth, diameter and material information of the existing buried utilities

DELIVERABLES

| TASK | DELIVERABLE | QUANTITY |
|---|--|--|
| Task 3 – Engineering Design Services | 30% Plans | 2 Sets or each (24” x 36” Plans) |
| | 90% Plans & Specifications | 2 Sets (24” x 36” Plans). The Contract Documents and Technical Specifications will be provided as a Word document for legal review |
| | 100% Plans & Specifications Construction Cost Estimates | 2 Sets (24” x 36” Plans) 2 Copies |
| Task 4 – Permitting Services | Permit Applications (FDEP) | 2 Sets of each Permit Application |
| Task 6 – Bidding Services | Bidding Documents | 2 Sets (24” x 36” Plans) and Full Size PDF for LRD. Word and PDF of Contract Documents |
| | Addendum | As Required |
| Task 7 – Engineering Services during Construction | Contract Documents | 2 Sets (24” x 36” Plans) and PDF for LRD Word and PDF documents for Contract Execution |

TIME OF COMPLETION

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

- Task 1- Survey – 8 weeks from Notice to Proceed (NTP)
- Task 2 – Geotechnical Engineering - 6 weeks from Notice to Proceed (NTP)
- Task 3 – Engineering Design Services
 - 30% plans – 5 weeks from receipt of Survey.
 - 90% plans and specifications – 6 weeks from receipt of comments from LRD staff on the 30% submittal.
 - 100% plans and specifications – 2 weeks from receipt of comments from LRD staff on the 90% submittal.
- Task 4 – Permitting Services – 6 weeks from receipt of comments from LRD staff on the 30% submittal.
- Task 5 – Dewatering Permit and Monitoring - 6 weeks from receipt of comments from LRD staff on the 30% submittal. Monitoring for 15 weeks of dewatering.

- Task 6 – Bidding Services – 2 months from advertisement.
- Task 7 – 20 weeks from Contractor’s NTP.

SCHEDULE OF FEES

Proposed labor costs for engineering services (both Lump Sum (LS) and Time & Expense (T&E), Not To Exceed (NTE)) are tabulated below and detailed in Attachment A.

| TASK | ENGINEERING FEE |
|--|------------------------|
| Task 1 – Surveying Services | \$8,457 (LS) |
| Task 2 - Geotechnical Engineering Services | \$2,163 (LS) |
| Task 3 - Engineering Design Services | \$20,082 (LS) |
| Task 4 - Permitting Services | \$1,495 (LS) |
| Task 5 - Dewatering Permit and Monitoring | \$10,457 (LS) |
| Task 6 - Bidding Services | \$2,441 (LS) |
| Task 7 - Services During Construction | \$63,335 (T&E) |
| Task 8 - Utility Locates Allowance | \$4,470 |
| TOTAL AMOUNT, NOT TO EXCEED (NTE) | \$112,900 |

ASSUMPTIONS

1. All permit fees will be paid for by LRD.
2. Construction compaction and materials testing shall be the responsibility of the Contractor.

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

LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT

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

Date

HOLTZ CONSULTING ENGINEERS, INC.

By: _____
David Holtz, PE, Vice President

Date

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org

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



MEMORANDUM

TO: D. ALBREY ARRINGTON, Ph.D., Executive Director

FROM: CLINTON R. YERKES, Deputy Executive Director *CRY*

DATE: NOVEMBER 7, 2016

SUBJECT: EQUIPMENT REPLACEMENT PURCHASE
Case Skid Steer

This is a budgeted item in the amount of \$65,000 for the current fiscal year.

The current New Holland Skid Steer unit is approximately 30 years old and in need of replacement.

This item is being brought to the Governing Board for approval since it exceeds the Executive Director's signing authority.

This purchase of a Case TR340 Skid Steer is being made as a "piggy-back" to the State of Florida Sheriffs Association Contract which we have used often for the purchase of our emergency generators.

The New Holland unit will be disposed of through www.govdeals.com, upon receipt of the new unit.

The following motion is suggested for approval of this item:

“THAT THE DISTRICT GOVERNING BOARD authorize the purchase of 1 new Case TR340 Skid Steer unit from Trekker Tractor, LLC in accordance with Florida Sheriffs Association Contract #FSA16-VEH14.0/Specification #28, in the amount of \$58,524.33.”

Should you have any questions please contact me or Tom Vaughn.



MIAMI
12601 W. OKEECHOBEE
ROAD
MIAMI, FL. 33018
PHONE: 305-821-2273
FAX: 305-821-8822

FORT MYERS
5701 COUNTRY LAKES
DRIVE, UNIT #7
FT. MYERS, FL 33905
PHONE: 239-690-0661
FAX: 239-660-0663

ORLANDO
9481 BOGGY CREEK
ROAD
ORLANDO, FL. 32824
PHONE: 407-888-0024
FAX: 407-888-3166

TAMPA
1504 TAMPA EAST
BOULEVARD
TAMPA, FL 33619
PHONE: 813-341-4646
FAX: 813-341-4647

WEST PALM BEACH
1150 BARNETT DRIVE
LAKE WORTH, FL 33461
PHONE: 561-296-9710
FAX: 561-296-9712

Jacksonville
9235 Busch blvd
Jacksonville, FL 32218
Phone 904-516-5380
Fax 904-516-5388

ATTN:
ORGANIZATION:
DEPARTMENT:
ADDRESS:
CITY, STATE, ZIP
PHONE:
FAX:
EMAIL:

| |
|--|
| HAZEL FIQUEROA |
| LOXAHATCHEE RIVER ENVIROMENTAL CONTROL DISTRICT |
| PURCHASING |
| 2500 JUPITER PARK DRIVE |
| JUPITER, FL 33458 |
| 561-747-5709 |
| 561-743-3027 |
| HAZEL.FIQUEROA@LRECD.ORG |

Please to quote per FSA contract 16-VEH14.0 Section 28

| | PRICE | PAGE # |
|---|-------------|--------|
| Base Unit Case TR310 T4 FINAL | \$41,119.00 | 766 |
| Upgrade CASE TR340 T4 FINAL | \$10,330.33 | 766 |
| Stated Contract Options | | |
| CAB D 1/2 INCH PROTECTIVE POLY DOOR for use with rotary mower attachments | \$5,200.00 | 766 |
| HF+1 HIGH FLOW OPTION/ FRONT ELECTRIC / ON/OFF ONE WAY SELF LEVEL | \$1,875.00 | 766 |
| STANDARD INCLUDED OPTIONS | \$0.00 | |
| 761031 2 SPEED E-H CONTROLS | \$0.00 | |
| 761201 SUSPENSION SEAT | \$0.00 | |
| 761201 HD FRONT LIGHTS | \$0.00 | |
| 761133 78 INCH LOW PROFILE EXTENDED BUCKET | \$0.00 | |
| 761148 78 INCH BOLT ON CUTTING EDGE | \$0.00 | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| PAGE 1 OF 1 | \$58,524.33 | |

INCLUDES PRE-DELIVERY INSPECTION & DELIVERY TO FLEET MAINTENANCE

THANK YOU FOR THE OPPORTUNITY
TO EARN YOUR BUSINESS!

RANDY SHEARIN
CELL 813-525-0795

Randy.Shearin@TrekkerGroup.com



Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

TO: D. ALBREY ARRINGTON, Ph.D., Executive Director

FROM: CLINTON R. YERKES, Deputy Executive Director

DATE: NOVEMBER 7, 2016

SUBJECT: ENGINEERING SERVICES CONTRACT - Approval
Alt A1A (Damon) Bridge 16" Force Main Installation

The total force main project is a budgeted item in the amount of \$1,450,000 for the current fiscal year.

The installation of this line will be the first step in constructing an alternative to the existing 24" subaqueous crossing of the river just west of the railroad bridge over the Loxahatchee River. In March of this year the Governing Board authorized a contract with Hazen & Sawyer to perform design and bidding services for this project. As discussed previously, we are also contracted with Mathews Consulting who is coordinating with Hazen to provide the connections at each end of the bridge back into the existing line outside of the river limits.

This project is being performed as a Joint Project with the Town of Jupiter. The Town will be replacing an existing water main and has allowed the District to join with them on this project and hang our pipe alongside the water main. The Town has indicated that they will also be contracting with Hazen for similar services to inspect and certify the completed construction.

The Town of Jupiter is currently out to bid on this project and is expecting to award a contract in mid-December. The District will be given opportunity to review the bids and confirm if they are acceptable. We would hope to have this agreement in place subject to District acceptance and award of the construction contract.

The following motion is suggested for approval of this item:

“THAT THE DISTRICT GOVERNING BOARD authorize award of contract to Hazen & Sawyer for provision of Engineering Construction Services for the Alt. A1A (Damon) Bridge 16" Force Main in accordance with the November 4, 2016 proposal and Not to Exceed \$63,899.00, contingent upon District acceptance and award of the construction contract.”

Should you have any questions please contact me.

V://cip/proj/AltA1ABridgeFM/Hazen/Const/Const Services Board memo

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

TASK ORDER No. 28

Loxahatchee River District

Alt. A1A (Damon) Bridge 16-inch Force Main Construction Services

Date: November 8, 2016

PREAMBLE

The Loxahatchee River District (hereinafter LRD) has requested that Hazen and Sawyer, P.C. (Hazen), provide engineering services for design and permitting of a 16-inch force main to be installed on the Alternate A1A Bridge known as the "Damon Bridge". This project is being implemented under the continuing services contract at this time since the Town of Jupiter (Town) is in the process of replacement of an existing water main on this bridge which would facilitate permitting and construction. The project will be coordinated with the Town's project that consists of replacement of an existing 20-inch diameter water main with a new 12-inch water main. The water main pipeline and force main will be bid as separate items under one contract. The force main will be extended less than 50 feet from both ends of the bridge and capped for future connection by the LRD.

This project design is completed and is currently in the bidding phase. It is anticipated that bids will be received within the next thirty days with award and construction to commence approximately within the next three months. Previous engineering services provided to the LRD include design, permitting and bidding services. Included in this task order are engineering services for construction contract administration and detailed observation for the construction of the proposed 16-inch force main on the Damon Bridge.

SCOPE OF SERVICES

Task 1 – Construction Contract Administration

The CONSULTANT will provide services for the management of engineering tasks throughout the duration of the project's 30 week construction phase. Such management activities will include project coordination with LRD, general coordination with the Contractor, scheduling, and general correspondence with LRD and the Contractor

1.1 – Pre-Construction and Progress Meetings

CONSULTANT will attend meetings with LRD and the Contractor. As a minimum, one representative of CONSULTANT will attend the project progress meetings. It is assumed that these project progress meetings will be held weekly during the 30 weeks of the construction period; plus one project pre-construction conference meeting for a total of 31 meetings.

1.2 – Submittals

CONSULTANT will consult with the LRD concerning the acceptability of substitute materials and equipment proposed by the apparent low bidder. CONSULTANT will review shop drawings, diagrams, illustrations, catalog data, schedules and samples, equipment O&M manuals, the results of laboratory tests and inspections, equipment factory test certifications, equipment manufacturer certificates of proper installation,

and other data that Contractors are required to submit for conformance with the design concept of the Project and compliance with the provisions of the Contract Documents. In addition, CONSULTANT will review items to be delivered by the Contractor(s) pursuant to the Contract Documents, including maintenance and operating instructions, schedules, guarantees, warranties, bonds and certificates of inspection, tests and approvals. CONSULTANT will provide written comments and recommendations concerning their completeness under the Contract Document. A total of 16 submittals are assumed with an effort of 4 hours per submittal anticipated.

1.3 – Interpretations, Clarifications and Change Orders

CONSULTANT will issue interpretations and clarifications of Contract Documents during construction, and evaluate requests for substitutions or deviations from the Contractor Documents. CONSULTANT will notify LRD of any such requested deviations or substitutions, and when reasonably necessary, provide LRD with a recommendation concerning same. CONSULTANT will negotiate with the Contractor the scope and cost of contract change orders using as a basis for such negotiations data or other information, emanating from the Contract Documents, including the construction contract, general and special conditions, bid sheet, technical specifications, plans, shop drawings, material specifications, and proposed material and labor costs. CONSULTANT will prepare, recommend and submit for LRD's approval such change orders or work change directives.

1.4 – Pay Requests

The RPR will review the Contractor's monthly applications for payment and accompanying data and recommend approval of payments due to the Contractor. CONSULTANT's recommendation of any payment requested in an application for payment will constitute a representation by CONSULTANT that based on CONSULTANT's on-site observations of construction in progress; that, to the best of CONSULTANT's knowledge and belief, that construction has progressed to the point indicated and that the quality of construction is in general accordance with the Contract Documents; subject to an evaluation of construction upon substantial completion, to the results of any subsequent tests called for in the Contract Documents and any qualifications stated in the recommendation; that the Contractor is therefore due the amount recommended. However, by recommending any such payment, CONSULTANT will not thereby be deemed to have represented that any examination has been made to ascertain how or for what purpose the Contractor has used the monies paid or to be paid or that title to any labor, materials or equipment has passed to LRD free and clear of any liens. A total of 7 reviews accounting for monthly payment requests, release of retainage request, and a final adjusting change order are assumed during the construction period.

1.5 – Preparation of Record Drawings

CONSULTANT will monitor monthly required project records and construction reports. CONSULTANT will prepare and submit to LRD upon completion of construction of Project, two (2) sets of signed and sealed record drawings, and electronically in PDF format and in AutoCAD MAP 3D Version 2014, including those changes made during the construction process, using information supplied by the Contractors and other data which can reasonably be verified by CONSULTANT's personnel.

Task 2 – Detailed Observation

The CONSULTANT will provide a part-time Resident Project Representative (RPR) as described herein for the duration of the construction project to observe construction and monitor work.

2.1 – Resident Project Representative

CONSULTANT will provide a part-time resident project representative (RPR) for field observation of the construction to help determine whether the general provisions of the Contract Documents are being fulfilled and to reasonably protect LRD against defects and deficiencies in the work of the Contractor. Compensation in Schedule A is based on a 30 week construction duration and a resident project representation level of effort of 360 hours based upon an RPR onsite for 20 hours per week for 18 weeks. In addition:

- CONSULTANT, working principally through the Contractor's Superintendent, will assist the Contractor in the understanding the intent of the Contract Documents; and will assist LRD staff in serving as LRD's liaison with the Contractor.
- Based on available information, the CONSULTANT will verify that tests, equipment and system startup are conducted in the presence of appropriate personnel and that the Contractor maintains adequate records thereof; and observe, record, and report appropriate details relative to the test procedures and start-up to LRD and appropriate regulatory agencies. Based upon available information, CONSULTANT will verify and certify to LRD that the constructed facilities properly operate and are in general conformance with the contract documents and specifications.
- CONSULTANT will keep a diary or log book, recording date relative to questions of Work Directive Changes, Change Orders, or changed conditions, and observations in general.
- CONSULTANT will prepare a daily report for each day the RPR is on site, and submit said reports to the LRD on a weekly basis.

2.2 – Substantial and Final Construction Completion

Upon receiving notice from the Contractor advising CONSULTANT that the Project is substantially complete, CONSULTANT will schedule and, in conjunction with LRD, conduct a review of the Project, develop a list of items needing completion or correction, forward said list to the Contractor and provide written recommendations to LRD concerning the acceptability of work done and the use of the Project. Also, CONSULTANT will perform final inspection in conjunction with LRD, and assist LRD in closing out construction contract. These services will include providing recommendations concerning acceptance of Project, and preparing necessary documents such as lien waivers, Contractor's final affidavit, close-out change order, final payment application, permitting certifications, and warranty letters from Contractor, subcontractor and equipment suppliers.

Deliverable(s):

- Close-out Florida Department of Transportation (FDOT) Utility Permit
- Close-out Florida Department of Environmental Protection (FDEP) Environmental Resource Permit (ERP) Exemption
- Close-out Town of Jupiter Engineering Department permit
- Close-out Army Corps of Engineers (ACOE) Nationwide Permit
- Close-out Palm Beach County Health Department Permit

ASSUMPTIONS

The following assumptions were made in preparation of the above scope:

1. It is anticipated that the total duration of the construction phase of the project will consist of 30 weeks and CONSULTANT will provide 18 weeks of RPR services based upon 20 hours of service per week.
2. During on-site observations and/or during limited field checks of materials and equipment, CONSULTANT may endeavor to provide protection for LRD against defects and deficiencies in the work of the Contractor. The furnishing of such services; however, will not make CONSULTANT responsible for (or give CONSULTANT control over) construction means, methods, techniques, sequences or procedures; for safety precautions or programs; or for the responsibility of Contractor's failure to perform the work.
3. The level of effort identified herein is based upon CONSULTANT's services being performed concurrent with services for the Town of Jupiter's portion of the project.
4. CONSULTANT will not undertake any responsibilities of the Contractor, subcontractor, or Contractor's superintendent to expedite their work.
5. CONSULTANT'S attendance/participation in factory witness testing of equipment furnished and installed is not anticipated and therefore is not included in this authorization.
6. CONSULTANT will not advise on, or issue directions relative to any aspect of the Contractor's means and methods, techniques, sequences, or procedures of construction unless specifically called for in the contract documents or submitted in writing by the Contractor to CONSULTANT.
7. Record Drawings will be prepared based upon information provided by Contractor and information obtained while performing RPR services.

COMPENSATION

The compensation for engineering services provided under this task order shall be on a Not-to-Exceed basis for a total amount of \$63,899.00. A cost breakdown by task for engineering services described in this task order follows:

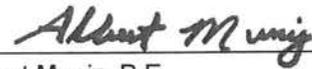
| DESCRIPTION | NOT TO EXCEED FEE |
|---|--------------------|
| Task 1 – Construction Contract Administration | \$14,063.00 |
| Task 2 – Detailed Observation | \$49,836.00 |
| Total Project Cost | \$63,899.00 |

SCHEDULE

The duration of major work tasks are summarized below:

| DESCRIPTION | COMPLETION TIME FROM NTP ⁽¹⁾ |
|---|---|
| Task 1 – Construction Contract Administration | 30 weeks |
| Task 2 – Detailed Observation | 30 weeks |
| Total Project Duration | 34 weeks |

(1): NTP = Notice to proceed



Albert Muniz, P.E.
Vice President
Hazen and Sawyer

November 8, 2016

Date

Change Orders

No Change Orders are presented for Board consideration this month.

THIS
PAGE
INTENTIONALLY
LEFT
BLANK

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458-8964

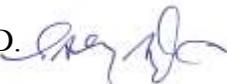
Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

TO: GOVERNING BOARD

FROM: D. ALBREY ARRINGTON, Ph.D. 

DATE: NOVEMBER 10, 2016

SUBJECT: PROPOSED FORCE MAIN TO JUPITER FARMS ELEMENTARY

The Loxahatchee River Environmental Control District's western most wastewater infrastructure is a 6 inch wastewater force main that extends from Jupiter Country Club to the Jupiter-Palm Beach Motorcoach Resort. The existing wastewater force main is 6 inches in diameter throughout its length, except it is reduced to 4 inches in diameter as it crosses under Indiantown Rd to the Motorcoach Resort. The force main was constructed in two phases: (1) in 2010 the force main was extended from Jupiter Country Club to the Jupiter Farms Shopping Plaza; (2) in 2014 the force main was extended from Jupiter Farms Shopping Plaza to the Jupiter-Palm Beach Motorcoach Resort. This western wastewater force main was sized by LRD's Director of Engineering, Paul Brienza, P.E., back in 2009. From the beginning this force main was sized to provide capacity for commercial properties in Jupiter Farms. This wastewater force main was not designed to serve residential properties, and this force main is not an indirect attempt to provide sewer service to residential properties in Jupiter Farms.

Presently, the Loxahatchee River District has been working proactively with the Palm Beach County School Board to facilitate connecting Jupiter Farms Elementary to the regional sanitary sewer system, and decommissioning their aging wastewater package plant, which treats over 5,000,000 gallons of sewage a year. The attached letter from The School District of Palm Beach County, FL and signed by their Chief Operating Officer, Donald Fennoy II, Ed.D. clearly states the School District's desire to connect to LRD's regional wastewater system and decommission their failing package plant.

As a means to offset the cost of extending a 4 inch wastewater force main from Jupiter-Palm Beach Motorcoach Resort to Jupiter Farms Elementary School, the LRD has drafted and submitted a Loxahatchee River Preservation Initiative ("LRPI") proposal (attached). The LRPI is a multi-agency and stakeholder based advisory group organized primarily for the purpose of soliciting, ranking and submitting to the Florida Legislature a list of local projects focused on the preservation and restoration of water quality and habitats in the Loxahatchee River and its watershed. The LRPI proposal is a mechanism by which the project could receive 50% funding from the state legislature, a meaningful benefit to the School Board. As a graduate of Jupiter Elementary, Jupiter Middle, and Jupiter High Schools this proposal is an opportunity for me to give something back to the School District. Please note, this is the third year the LRD has submitted this LRPI proposal. In both previous years, the proposal was ranked highly by the LRPI, but funding was not provided to any LRPI projects for various political reasons.

The proposed Jupiter Farms Elementary wastewater force main would be a 4 inch force main that would extend from the western terminus of the existing 6 inch force main (i.e., at Jupiter-Palm Beach Motorcoach Resort) to Jupiter Farms Elementary's existing, on-site wastewater pump station.

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

You should be aware there is some concern by Jupiter Farms residents, especially those along Haynie Lane, that they would be required to connect to the force main if it is built. It is my intention, based on the limited size (i.e., 4 inch diameter) of the proposed force main, that we will not require residential properties in proximity to the proposed force main to connect. In fact, it would be my intention that the 4 inch force main would not include services or points of connection for residential properties. Thus, the LRD, as owner and operator of the force main, would not declare the wastewater force main “available” for residential properties. If LRD does not declare the force main available for residential properties, even adjacent properties, they will not be compelled to connect.

I understand there is some concern about Florida Statute 381.00655 “Connection of existing onsite sewage treatment and disposal systems to central sewerage system; requirements.” The concern is that this statute would require residential homes in close proximity to the force main to connect to the force main once it was placed into service. Florida Statute 381.00655 states “(1)(a) The owner of a properly functioning onsite sewage treatment and disposal system, excluding an approved onsite graywater system, must connect the system or the building’s plumbing to an available publicly owned or investor-owned sewerage system within 365 days after written notification by the owner of the publicly owned or investor-owned sewerage system that the system is available for connection. The publicly owned or investor-owned sewerage system must notify the owner of the onsite sewage treatment and disposal system of the availability of the central sewerage system.” It is my intent that the proposed 4 inch force main will be designed and constructed WITHOUT a service or point of connection for residential homes; therefore, the sewerage system will not be available to any residential properties. Furthermore, the Loxahatchee River District (owner of the publicly owned sewerage system) would not be able to declare the publicly owned sewerage system available for connection for residential property owners. If the system is not declared available for connection, then there is no one year connection requirement.

No action is necessary at this time. However, if you desire to formalize the LRD’s intentions, as outlined in this memo, I offer the following motion for your consideration:

“THAT THE DISTRICT GOVERNING BOARD states its intent to collaborate with The School District of Palm Beach County, FL to design and construct a 4 inch diameter wastewater force main from the western terminus of the existing 6 inch force main to Jupiter Farms Elementary, and directing staff to design and constructed the proposed 4 inch wastewater force main without a service or point of connection for residential properties.”



**THE SCHOOL DISTRICT OF
PALM BEACH COUNTY, FL**

CHIEF OPERATING OFFICE
3300 FOREST HILL BOULEVARD, B-302
WEST PALM BEACH, FL 33406

PHONE: 561-357-7573 / FAX: 561-357-7569
WWW.PALMBEACHSCHOOLS.ORG/COO

DONALD E. FENNOY, II, Ed.D.
CHIEF OPERATING OFFICER

ROBERT M. AVOSSA, Ed.D.
SUPERINTENDENT

October 27, 2016

Gordon Boggie, Chairman
Loxahatchee River Environmental Control District
2500 Jupiter Park Drive
Jupiter, Fl. 33458

RECEIVED

NOV 02 2016

Loxahatchee River
Environmental Control District

SUBJECT: JUPITER FARMS ELEMENTARY SCHOOL PACKAGE TREATMENT PLANT

Dear Mr. Boggie:

School District staff is pleased to learn the Loxahatchee River Environmental Control District is committed to having the School connect to its regional wastewater treatment plant. The grant application to the State of Florida has been submitted twice and even though approved by the legislature last year, it was vetoed at the Governor's desk due to competing priorities. The School District is hopeful the grant application is approved this year so the sanitary connection can occur as soon as possible and the School District can take the wastewater package plant out-of-service permanently.

The Plant failed recent regulatory compliance testing for nitrates. The Florida Department of Health (FDOH), therefore, has invited the District staff to a meeting to discuss remedies and to hold the District accountable. It would be beneficial to all parties involved if the District could provide FDOH with a guarantee the school will no longer use the Plant and will connect to a centralized wastewater system. Should the District be forced to keep the Plant and remodel it, costs for repairs and upgrades would be considerable. Even with costly renovations, the Plant will eventually fail again due to its advanced age and poor mechanical condition.

The School District supports the removal of the Plant as a long standing and environmental defensible improvement that will benefit the School, students and community. The District has converted a number of school sites very successfully to centralize utility systems such as Loxahatchee River Environmental Control Regional Wastewater Treatment Plant.

The District fully supports grant approval and is prepared to partner with the Loxahatchee River Environmental Control District to successfully connect Jupiter Farms Elementary School to a regional wastewater treatment facility. This partnership will provide significant economic and environmental benefits to the School and Jupiter Farms community at large. Thank you for your assistance.

Sincerely,

Donald E. Fennoy II, Ed.D.
Chief Operating Officer

cc: Steve Backus, Acting Chief of Facilities Management
Kristin Garrison, Director, Planning and Intergovernmental Relations
Paul Strauss, Director, Environmental & Conservation Services
Angela Usher, Manager, Planning and Intergovernmental Relations
Stacey Marshall, Facilities Management Administrator/Centralized Services

Project Title: Jupiter Farms Elementary Force Main Project

Project Sponsor: Loxahatchee River District

Contact Person: Albrey Arrington; Loxahatchee River District, 2500 Jupiter Park Drive, Jupiter, FL 33458; Telephone: 561-747-5700; Fax: 561-747-9929; Email: albrey.arrington@loxahatcheeriver.org

Requested Grant Funding Amount: \$200,000

Proposed Local Match Funding Amount: \$200,000

Project Description:

The Loxahatchee River Environmental Control District (LRD) is a Special District of the State of Florida, established by the Florida Legislature in 1971. A primary purpose in the creation of the LRD was to eliminate and mitigate the adverse impacts of on-site wastewater treatment facilities, including septic tanks, whose leachate has been demonstrated to adversely impact water quality in the Loxahatchee River. In addition to addressing septic tanks, the Loxahatchee River District has been working proactively to phase out all ‘package plants’ from within the Loxahatchee River Basin. ‘Package Plants’ are pre-manufactured on-site wastewater treatment facilities used to treat wastewater in small communities or small commercial facilities.

Jupiter Farms Elementary serves over 500 students in Kindergarten through 5th grade. Presently, all of the wastewater generated at Jupiter Farms Elementary is treated at a ‘package plant’ on the south side of the school. The effluent from the ‘package plant’ is discharged locally, where it affects shallow groundwater and surface water quality. It is the desire of the Loxahatchee River District and the Palm Beach County School Board to connect Jupiter Farms Elementary to the public sanitary sewer and decommission the aged ‘package plant’ serving the school.

This project is to design and construct a force main from Jupiter Farms Elementary’s existing wastewater pump station to the LRD’s existing force main, so that the deteriorating package plant (on-site wastewater treatment facility) can be decommissioned.

By transferring this school, a relatively intense creator of wastewater within this rural community, from an aged ‘package plant’ to the regional water reclamation facility for wastewater treatment, the LRD and Palm Beach County School Board will benefit the ecological health of the Loxahatchee River through the reduction in pollution loads to groundwater and surface waters.

Project Benefits:

This project will improve groundwater quality. Jupiter Farms Elementary is estimated to generate nearly 5 million gallons of wastewater per year. Presently, this wastewater is treated in an aged ‘package plant’ and discharged on-site. By decommissioning the ‘package plant’ and connecting the school to the LRD’s sewer system, wastewater will be

pumped to the regional water reclamation facility where it will be treated and added to the regional reuse water supply.

Project Readiness:

These projects are planned and will be ready to begin during the 2017-2018 LRPI funding cycle. LRD has an excellent track record of completing such projects in a timely manner.

Project Illustrations: none

Project Selection Criteria:

Bang for the Buck – This is a relatively low cost (to the LRPI) project provides tangible benefits to the watershed by reducing nutrient loading to shallow groundwater and surface waters within Jupiter Farms.

Ready to Go – This project is routine for LRD. LRD has excellent record of completing such projects on schedule.

EXHIBIT C
STATEMENT OF WORK
Loxahatchee River District
Loxahatchee River Neighborhood Sewering Project

SFWMD Contract Number _____

1.0 INTRODUCTION

The Loxahatchee River Environmental Control District (LRD) is a Special District of the State of Florida, established by the Florida Legislature in 1971. A primary purpose in the creation of the LRD was to eliminate and mitigate the adverse impacts of on-site wastewater treatment facilities, including septic tanks, whose leachate has been demonstrated to adversely impact water quality and habitat value in the Loxahatchee River. Through proactive efforts the LRD has removed from service approximately 90% of the septic tanks in close proximity to the Loxahatchee River. Additionally, wastewater generated by homes on LRD's sewer system is treated to irrigation quality (IQ) and reused to irrigate 13 golf courses and the entire Abacoa development. Importantly, reuse of IQ Water has effectively lowered demands on native groundwater thus reducing the severity of MFL violations in the Northwest Fork of the Loxahatchee River.

Jupiter Farms Elementary serves over 500 students in grades Kindergarten through 5th grade. Presently, all of the wastewater generated at Jupiter Farms Elementary is treated at a 'package plant' on the south side of the school. The effluent from the 'package plant' is discharged locally, where it affects shallow groundwater and surface water quality. It is the desire of the Loxahatchee River District and the Palm Beach County School Board to connect Jupiter Farms Elementary to the public sanitary sewer and decommission the aged 'package plant' serving the school.

By transferring this school, a relatively intense creator of wastewater within this rural community, from an aged 'package plant' to the regional water reclamation facility for wastewater treatment, the LRD and Palm Beach County School Board will benefit the ecological health of the Loxahatchee River through the reduction in pollution loads to groundwater and surface waters.

2.0 OBJECTIVE

This project will benefit the ecological health of the Loxahatchee River through the reduction in pollution loads to groundwater and surface waters by connecting Jupiter Farms Elementary School to the LRD's regional water reclamation facility. The project is part of a watershed-based effort to protect the Loxahatchee River. Grant funds will be used to design and construct a wastewater force main connecting the school's existing pump station to the LRD's existing force main.

3.0 BENEFITS TO THE LOXAHATCHEE RIVER

This project will improve groundwater and surface water quality in Jupiter Farms. By connecting Jupiter Farms Elementary School to the regional sewer system we will stop their minimally treated wastewater from entering the groundwater and affecting the surface waters of the Loxahatchee River.

4.0 LOCATION OF THE PROJECT

The project is located in Jupiter Farms, which is in northern Palm Beach County.

5.0 SCOPE OF WORK

This project is to design and construct a force main from Jupiter Farms Elementary's existing wastewater pump station to the LRD's existing force main.

6.0 WORK BREAKDOWN STRUCTURE

Task 1: Design wastewater force main to connect Jupiter Farms Elementary to LRD's existing wastewater force main

Wastewater force main and associated appurtenances will be designed in accordance with LRD Standards and Health Department regulations to provide sewer service to Jupiter Farms Elementary. Task 1 includes costs associated with engineering design of the wastewater force main, and will be completed by December 31, 2017.

Task 1 Deliverables: A complete set of signed and sealed engineering plans and Health Department permit for construction of wastewater force main to serve Jupiter Farms Elementary.

Task 2: Construct wastewater force main to connect Jupiter Farms Elementary to LRD's existing wastewater force main

Wastewater force main and associated appurtenances will be constructed, according to engineering plans (see Task 1). Task 2 includes construction of the wastewater force main, and will be completed by August 31, 2018.

Task 2 Deliverables: Certification of completion by project engineer. As Built drawings will be available upon request.

**EXHIBIT D
PAYMENT AND DELIVERABLES SCHEDULE**

If the total consideration for this AGREEMENT is subject to multi-year funding allocations, funding for each applicable fiscal year of the AGREEMENT will be subject to Governing Board budgetary appropriation. In the event the DISTRICT does not approve funding for any subsequent fiscal year, this AGREEMENT shall terminate upon expenditure of the current funding, notwithstanding other provisions in this AGREEMENT to the contrary.

Total payment by the LRPI shall not exceed the amount of **\$200,000**. All invoices shall be accompanied by adequate documentation to support actual expenditures incurred by the Loxahatchee River District. The Loxahatchee River District is responsible for reviewing and approving deliverables from the contractor to ensure that project requirements are met. The Loxahatchee River District is also responsible for project management, budget management and quality control with the contractor.

| Task | Deliverable | Schedule | LRD Share | LRPI Share | Total Cost |
|--------------|----------------------|-----------------|------------------|-------------------|-------------------|
| 1 | Design force main | 12/31/2017 | \$30,000 | \$30,000 | \$60,000 |
| 2 | Construct force main | 8/31/2018 | \$170,000 | \$170,000 | \$340,000 |
| TOTAL | | | \$200,000 | \$200,000 | \$400,000 |

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

Memorandum

To: Governing Board
From: Kara Peterson, Director of Finance and Administration
Date: November 10, 2016
Subject: Evoqua Purchase Order – Odor Control Contract

The District is currently piggybacking a contract that Evoqua Water Technologies, Inc. has in place with Manatee County for Odor and Corrosion Control Services. The original contract was for a five year period, beginning November 21, 2011 and ending November 20, 2016, with no renewal options remaining.

Manatee County will need to solicit competitive bids before a new Odor and Corrosion Control contract can be entered. As of today, they have not done so. Manatee County has determined there is a need to extend the agreement for a three month period to allow for the solicitation and award process of a new agreement; Evoqua Water Technologies, Inc. has granted them this extension.

At this time, staff is requesting the Board approve a three month extension to our piggyback of the Manatee County contract for odor and corrosion control services and approve a \$400,000 purchase order with Evoqua Water Technologies, Inc.

Evoqua Water Technologies, Inc. has agreed to honor the terms, conditions, and pricing of the current Manatee County odor control contract for 180 days past the November 20, 2016 expiration date, or until a new contract with Manatee County is put into place or another suitable piggyback contract can be identified.

In the event that Manatee County does not enter into a new contract within the three month extension period, staff will request the Board to authorize an additional three month extension to either find a new piggyback contract or solicit our own agreement. This will be brought back to the Boards attention at the February 2017 meeting.

Suggested Motion:

“THAT THE DISTRICT GOVENING BOARD authorize a three month extension to our piggyback of the Manatee County contract for odor and corrosion control services with Evoqua Water Technologies, Inc. and authorize Purchase Order #16-1486, in an amount not to exceed \$400,000.

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

AMENDMENT #6
to
AGREEMENT #11-1065FL
BETWEEN MANATEE COUNTY
and
EVOQUA WATER TECHNOLOGIES LLC
for
ODOR AND CORROSION CONTROL SERVICES

THIS Amendment #6 to Agreement No.11-1065FL for Odor and Corrosion Control Services, is made and entered into by and between the **COUNTY OF MANATEE**, a political subdivision of the state of Florida, by and through its Board of County Commissioners, hereinafter referred to as the "County," with mailing address at 1112 Manatee Avenue West, Bradenton, Florida 34205 and **Evoqua Water Technologies LLC**, hereinafter referred to as the "Consultant", duly authorized to conduct business in the state of Florida, with offices located at 2650 Tallevast Road, Sarasota, Florida 34243.

WHEREAS, on November 21, 2011 the County approved Agreement (No. 11-1065FL) with Siemens Industry, Inc. for Odor and Corrosion Control Services on an as required basis for the County utilities' potable and reclamation waters for a one year term; and

WHEREAS, Amendment #1 was executed to extend the Agreement to November 20, 2013 at the same terms and conditions; and

WHEREAS, Amendment #2 was executed to extend the Agreement to November 20,2014 at the same terms and conditions; and to acknowledge Siemens Industry, Inc. assignment of this Agreement to Siemens Water Technologies LLC; and

WHEREAS, Amendment #3 was executed to acknowledge Evoqua Water Technologies LLC acquiring all rights of this Agreement from Siemens Water Technologies LLC as certified with the state of Delaware on January 16, 2014; and

WHEREAS, Amendment #4. was executed to extend the Agreement to November 20, 2015 at the same terms and conditions; and

WHEREAS, Amendment #5 was executed to extend the Agreement to November 20, 2016 at the same terms and conditions; and

WHEREAS, the Agreement has no remaining renewal periods and a new solicitation for these services will be issued by the County; and

WHEREAS, the County has determined there is a need to extend the agreement for three (3) months to allow time for the solicitation and award process of a new Agreement to occur; and

WHEREAS, the Agreement may be amended upon mutual consent of the parties as evidenced by execution of an amendment; and

NOW THEREFORE, for and in consideration of the mutual benefits to be derived, the parties hereto agree as follows:

1. The Agreement shall be extended for three (3) months commencing November 21, 2016 and ending February 28, 2017.
2. All Payments remain unchanged as found in Exhibit "B" of the initial Agreement dated November 21, 2011.
3. All other terms and conditions of the Agreement shall remain in full force and effect during the contract period.

The parties hereto have caused this Amendment #6 to the Agreement (#11-1065FL) for Odor and Corrosion Control Services to be fully executed by their authorized representatives.

EVOQUA WATER TECHNOLOGIES LLC

By: Tom Hoying

Tom Hoying, Business Process Specialist
(Print Name and Title of Above Signer)

Email: municipalservices@evoqua.com

Date: 10/28/16

COUNTY OF MANATEE, FLORIDA

By: Melissa M. Wendel for
Melissa M. Wendel, CPPO
Purchasing Official

Date: 10/31/2016



October 13, 2016

Mr. Waldo Cruz
Loxahatchee River District
2500 Jupiter Park Drive
Jupiter, FL 33458-8964
Email: waldo.cruz@lrecd.org

RE: PIGGYBACK OF MANATEE COUNTY, FLORIDA ODOR AND CORROSION CONTROL SERVICES AGREEMENT

Dear Mr. Cruz:

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

Loxahatchee River District has been piggybacking a contract that Evoqua has in place with Manatee County for Odor and Corrosion Control Services. Evoqua will continue to honor the terms, conditions and pricing of the current Manatee County odor control contract for 180 days past the November 20, 2016 expiration date, or until a new contract with Manatee County is put into place, or another suitable piggy-back contract can be identified. Once the new Manatee County contract is put in place, the pricing will be adjusted to reflect the new contract.

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

Bioxide®: \$2.14 per gallon
AE 25: \$1.31 per gallon
Sodium Hydroxide 25%: \$2.16 per gallon
Sodium Hypochlorite: \$2.10 per gallon
Master Lift Station Biofilter: \$2,790 per month
WWTF Headworks Biofilter: \$3,375 per month

Thank you again for the opportunity to be of service. We look forward to continuing to serve Loxahatchee River District in the years to come. If you have any questions regarding this information or if I can be of assistance in any way, please do not hesitate to call me at (941) 586-8813.

Sincerely,

Evoqua Water Technologies LLC

Charles Maltby

Charles Maltby
Sales Representative

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

TO: D. Albrey Arrington, Ph.D., Executive Director
FROM: Clinton R. Yerkes, Deputy Executive Director
DATE: November 8, 2016
SUBJECT: Cleaning, TV Inspection and Lining Services (Services) Contract Award

The current year budget includes \$295,000.00 for the rehabilitation of the collection system. This is an extension of Cleaning and Inspection efforts done last year.

The primary neighborhoods where these services will be directed are some of the oldest areas of the system. These include the area of Jupiter on A1A and side streets near Guanabanas, and the area of Tequesta Drive and Old Dixie Highway. This work will be coordinated with main line repairs to be performed by Layne In-Liner.

Prior inspections have identified defects in these systems and Mr. Dean has determined what areas are best remedied with lining of the services. The project will significantly improve the condition of the systems and reduce the need for emergency repairs.

This project is the second phase of several over the next 3-4 years that will locate and repair some of our oldest facilities and sources of infiltration/inflow.

The District will be "piggy-backing" on a bid and contract issued by the City of N. Miami Beach, Florida to LMK Pipe Renewal, LLC.

A significant contingency is requested to cover items that are difficult to quantify until the inspection is completed, and to allow us to address some additional cases as long as we have the contractor in the area.

The following motion is suggested for the Governing Board's approval:

"THAT THE DISTRICT GOVERNING BOARD authorize award of contract to LMK Pipe Renewal, LLC for collection system Cleaning, TV Inspection and Lining in accordance with their proposal dated August 11, 2016 in the amount of \$138,005.00.

And

THAT THE DISTRICT GOVERNING BOARD authorize a contingency amount not to exceed \$40,000.00."

Should you have any questions please contact Kris Dean or me.

V:\Gnrl Contracts\Cleaning Lining Contract\2017\LMK\Board Memo.docx

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member



PROPOSAL

LMK Pipe Renewal LLC • 1131 NW 55th Street • Fort Lauderdale, Florida 33309
 (954) 772-0075 office • (954) 772-0086 fax • Email: john@lmkpipe.com

Submitted To: Loxahatchee River Environmental
 2500 Jupiter Park Drive
 Jupiter, FL 33458-8964
 Attn: Mr. Kris Dean P. E.

Date: August 11, 2016
Phone: (561) 747-5700 x110
Fax: (561) 747-9929
Cell#:
email: kris.Dean@loxahatcheeriver.org
Project: Loxahatchee River PS #94 Laterals

Payment terms: 1) Net due within 30 days.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications below involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance. Florida law will govern the construction and performance of this agreement. Venue is Broward County, Florida.

Authorized Signature: x _____
 John F. Rinehart
 Note: This proposal may be withdrawn if not accepted within 90 days.

We hereby submit prices to furnish and install the following items:

| Items | Description | QTY | UNIT | PRICE | TOTAL |
|-------|---|-----|------|-------------------------|----------------------|
| 1 | Bid Item #D1 - Install CIP sectional pipe liners, 8-inch to 12-inch diameter (up to 6 feet in length, all depths) | 17 | EA | 1,000.00 | 17,000.00 |
| 2 | Bid Item #D3 - Install T-liner in 8-inch to 12-inch mains with 4-inch to 6-inch laterals, all depths (includes 25 feet of lateral) | 31 | EA | 3,500.00 | 108,500.00 |
| 3 | Bid Item #D6 - Install T-liner in 4-inch to 6-inch laterals, all depths (per linear foot beyond 25 feet of lateral) | 148 | LF | 35.00 | 5,180.00 |
| 4 | Bid Item #D9 - Lateral grouting (if required in preparation for T-liner, | 2 | EA | 225.00 | 450.00 |
| 5 | Bid Item #D19 - Mechanical root or grease removal (12-inch and smaller) | 300 | LF | 5.00 | 1,500.00 |
| 6 | Bid Item #D21 - Mechanical tuberculation/concrete removal (12-inch and smaller) | 75 | LF | 5.00 | 375.00 |
| 7 | Bid Item #D34 - Residential street with lane closure | 5 | Day | 200.00 | 1,000.00 |
| 8 | Bid Item #D35 - FDOT or City arterial roadway | 10 | Day | 400.00 | 4,000.00 |
| | | | | Total w/discount | \$ 138,005.00 |

Terms & Conditions

- Unit price proposal, payment shall be based on actual quantities. **No bonds or permits are quoted in this proposal.**
- Water meter provided at site by others. Traffic control (MOT) by others, cones around our immediate equipment are included.
- Liner to be installed as per manufacturer's specifications, utilizing an existing cleanout provided to us prior to our mobilization.
- Prime contractor is to coordinate access to site (if required), prime contractor to coordinate mot (if any).
- Work release will need the address, cleanout location, repair location from the Up-stream MH, type, size & depth of main. Prime contractor to verify CO location with our forces prior to LMK crew mobilizing to site. Service cutouts will need to be 100%cut.
- Mainline bypass pumping is not quoted in this proposal, mainline bypass pumping is the responsibility of others, if required.**
- Existing Cleanouts will be used for the lateral pipe lining.**
- If in the sole opinion of our Field Superintendent, conditions become unsafe or unsuitable for our method(s) of repair, we reserve the right to terminate work in that section without prejudice against any other structures or pipelines that may be completed for reasons such as but not limited to: irregular pipe shapes, collapsed pipe sections, protruding taps, severe offset joint(s), severe mineral deposits, other obstructions, access restraints or crew/equipment limitations.
- One copy of final-video showing the finished product from the CO to the main will be provided with the pay request for all Lateral Liners. One copy of a final-video showing the installed Sectional Liners at the designated area of repair will be provided with the pay request. Any pre-videos which were not performed by LMK must be provided to us to be included with our post-installation video.
- Work must be given to LMK in adequate time to allow for completion by our forces. LMK will not be liable for liquidated damages or subject to any other penalties for work issued without adequate time to complete. Upon work issued to LMK, we will return a schedule to the prime contractor for installation.

Acceptance of Proposal—the above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Authorized Signature: X _____
Date of Acceptance: _____

Any transmission of documents pertaining to this project through the use of a facsimile machine now or in the future is hereby permissible.
 Original copy to LMK Pipe Renewal LLC. Sub contracts must include this proposal as terms of our agreement.

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

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

FROM: Clinton R. Yerkes, Deputy Executive Director

DATE: November 8, 2016

SUBJECT: Cleaning, TV Inspection and Lining Services (Main Line) Contract Award

The current year budget includes \$295,000.00 for the rehabilitation of the collection system. This is an extension of Cleaning and Inspection efforts conducted last year.

The primary neighborhoods where these services will be directed are some of the oldest areas of the system. These include the area of Jupiter on A1A and side streets near Guanabanas, and the area of Tequesta Drive and Old Dixie Highway. This work will be coordinated with the service line rehabilitation to be performed by LMK Pipe Renewal, LLC. (see Agenda Item 6D)

Prior inspections have identified defects in these systems and Mr. Dean has determined what areas are best remedied with lining. The project will significantly improve the condition of this system and reduce the need for emergency repairs.

This project is the second phase of several over the next 3-4 years that will locate and repair some of our oldest facilities and sources of infiltration/inflow.

The District will be "piggy-backing" on a bid and contract issued by St. Petersburg, Florida to Layne Inliner, LLC.

A significant contingency is requested to cover items that are difficult to quantify until the inspection is completed, and to allow us to address some additional cases as long as we have the contractor here.

The following motion is suggested for the Governing Board's approval:

"THAT THE DISTRICT GOVERNING BOARD authorize award of contract to Layne Inliner, LLC for collection system Cleaning, TV Inspection and Lining in accordance with their proposal dated August 1, 2016 in the amount of \$96,410.00.

And

THAT THE DISTRICT GOVERNING BOARD authorize a contingency amount not to exceed \$40,000.00."

Should you have any questions please contact Kris Dean or me.

V:\GnrI Contracts\Cleaning Lining Contract\2017\Layne\Board Memo.docx

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member



PROPOSAL

DATE: August 1, 2016

SUBMITTED TO: Loxahatchee River District
 2500 Jupiter Park Drive
 Jupiter, FL 33458-8964
 Attn: Kris Dean, P.E.
 Director of Engineering Services

PROJECT: Loxahatchee 2016/2017

We propose hereby to furnish material and labor - complete in accordance with specifications below, for the sum of
Ninety-Six Thousand Four Hundred Ten dollars and no cents (\$96,410.00)

Payment terms - 100% within thirty (30) days upon completion and acceptance.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications below involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation insurance. Note: This proposal may be withdrawn by us if not accepted within thirty (30) days.

We hereby submit specifications and estimates as follows:

Layne Inliner, LLC shall supply all equipment, materials and labor to perform the work as follows:

| DESCRIPTION | QTY | UNIT | PRICE | TOTAL |
|---|-------|------|--------------|--------------------|
| Item #G-2.1 – Traffic Control | 5 | DAY | \$60.00 | \$300.00 |
| Item #S-11.1 – Furnish/Install 8” CIPP Liner 6 mm | 2,932 | LF | \$28.50 | \$83,562.00 |
| Item #S-16.1 – Pre TV/Clean 8” Sanitary Sewer Lines | 2,932 | LF | \$1.50 | \$4,398.00 |
| Item #S-19.5 – Chemical Grout Sealing if needed | 50 | GAL | \$25.00 | \$1,250.00 |
| Item #S-22 – Service Reconnections | 23 | EA | \$300.00 | \$6,900.00 |
| | | | TOTAL | \$96,410.00 |

NOTES:

1. Proposal based on pricing contained in a contract between Layne Inliner, LLC and the City of St. Petersburg, RFQ No. 5683, Project #15030-111.
2. This proposal is subject to pre-TV inspection by Layne Inliner, LLC indicating the line conditions are acceptable for installation of Inliner.
3. Price quoted does not include point repairs if required prior to installing Inliner.
4. Loxahatchee River District to provide a hydrant meter for water to be used for pipeline cleaning and liner processing.
5. Final payment based on actual quantities.

Signature

Michael Cannon, District Manager

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance _____ Authorized Signature _____

LOXAHATCHEE RIVER DISTRICT

Neighborhood Sewering Schedule



| Rank * | Area Description | # Lots | Activity | Original Target Date | Revised Target Date |
|--------|---|----------------|---|----------------------|---------------------|
| 6 | Jupiter Inlet Colony | 240 | Notified Owners – August, 2010 Notice of Intent – February, 2013 Interlocal Agreement Complete - April, 2014 Construction started – July 26, 2016 | 2013 | 2016 |
| 10 | Turtle Creek Phase I (Gravity) | 29 | Notified Owners – September 2012 Engineering Study Complete – May, 2015 Notice of Intent – February, 2016 Award of Contract – August, 2016 Construction Start – January, 2017 | 2016 | 2016 |
| 10 | Turtle Creek Subsystem 4 | 52 | Notified Owners – September 2012 Notice of Intent – February, 2016 Detailed Design Contract – May, 2016 | 2016 | 2017 |
| 10 | Turtle Creek Subsystem 3 | 5 | Notified Owners – September 2012 Notice of Intent – December 2016 | 2016 | 2017 |
| 10 | Turtle Creek Subsystem 2 | 28 | Notified Owners – September 2012 Preliminary Design Complete – March, 2016 Notice of Intent – October, 2016 Engineer Contract – November, 2016 | 2016 | 2017 |
| 10 | Turtle Creek Subsystem 1 | 23 | Notified Owners – September 2012 Notice of Intent – November, 2016 Engineer Contract – November, 2016 | 2016 | 2017 |
| 14 | Whispering Trails | 181 | Notified Owners – January 2013 Notice of Intent – November, 2016 Engineer Contract – November, 2016 | 2017 | 2017 |
| 16 | Limestone Creek Road-West | 82 | Notified Owners – January 2013 | 2018 | 2018 |
| 19 | US Coast Guard Station Offices <i>(institutional)</i> PX Commercial <i>(commercial)</i> | 2 ECs 2 ECs | US Government - private roads Albrey- mtg. w/BLM & Historical 3-2011 Prelim design prepared In House 4-2011 | 2019 | 2018 |
| 20 | New Palm Beach Heights | 34 | Notified Owners – January, 2016 | 2019 | 2019 |
| 22 | Bridgewater | 70 | | 2019 | 2019 |
| 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 - Page 2

| Rank* | Area Description | Lots | Activity | Original Target Date | Revised Target Date |
|-------|--|-------|--|----------------------|---------------------|
| None | PBC Riverbend Park <i>(institutional)</i> | 12ECs | Construction complete Notified of sewer availability Costs paid, plans reviewed | 2011 | 2016 |
| D | Loggerhead Park <i>(institutional)</i> | 6 ECs | Need Easements from Palm Beach County | 2014 | 2017 |
| G | Hyland Terr Properties-MC | 9 | Notified Owners – October 2012 Notice of Intent – January, 2016 Notified to Connect – October, 2016 | 2016 | 2016 |
| G | Hyland Terr Phase II | 6 | Notified Owners – October 2012 Notice of Intent – November, 2016 Notified to Connect – October, 2016 | 2016 | 2016 |
| G | SE Linden St-MC | 8 | Notified Owners – October 2012 Notice of Intent – January, 2016 Notified to Connect – October, 2016 | 2016 | 2016 |
| G | SE Pine Grove St-MC | 8 | Notified Owners – October 2012 Notice of Intent – January, 2016 Notified to Connect – October, 2016 | 2016 | 2016 |
| G | SE Harken Terr Ph I-MC | 7 | Notified Owners – October 2012 Notice of Intent – January, 2016 Notified to Connect – October, 2016 | 2016 | 2016 |
| G | 10828 Whispering Pines Trl-MC | 1 | Notified Owner – October 2012 Notice of Intent – January, 2016 Notified to Connect – October, 2016 | 2016 | 2016 |
| H | SE Harken Terr Ph II-MC | 2 | Notified Owners – December 2015 | 2017 | 2016 |
| H | 6367 197 th PI N | 1 | Notified Owner – June, 2016 | 2017 | 2017 |
| C | FDOT Turnpike Station <i>(institutional)</i> | 3 ECs | Owner notified Notified to Connect – February, 2016 Variance requested – May, 2016 | 2012 | 2017 |
| G | Hibiscus Ave, Juno | 10 | Notified Owners – June, 2013 Notice of Intent – March, 2016 Award of Contract – August, 2016 | 2016 | 2017 |
| G | Ocean Dr., Juno (LP) | 5 | Notified Owners – June, 2013 Notice of Intent – March, 2016 Design in Process – March, 2016 | 2016 | 2017 |
| H | Lenmore Drive LP | 6 | Notified Owners – October, 2014 Notice of Intent to Assess – April, 2016 In-house Design – August, 2016 | 2017 | 2017 |
| H | Tequesta Dr E | 2 | Notified Owners-March, 2015 | 2017 | 2017 |
| I | Chippewa Street | 6 | Notified Owners – January, 2014 Petition received – April, 2016 Feasibility Letter LPSS/Gravity – July, 2016 | 2018 | 2017 |
| H | US 1, Juno Beach <i>(commercial)</i> | 2 | Notified Owners – January, 2014 | 2017 | 2018 |
| H | Shay Place, Tequesta | 11 | Notified Owners – July, 2013 Notice of Intent to Assess – August, 2016 | 2017 | 2018 |
| H | County Line Road - Martin Co. | 3 | Notified Owners – July, 2013 | 2017 | 2018 |
| H | 14100 US Hwy 1, Juno Beach | 1 | Notified Owner-March, 2015 | 2017 | 2018 |
| A | North A-1-A | 3 | Postponed -Town Activities in area | 2012 | 2018 |
| F | 815 S. US 1 (Yum Yum Tree) | 9 ECs | Notified Owners – November, 2014 | 2016 | 2018 |
| G | Olympus Dr., Juno (LP) | 3 | Notified Owners – June, 2013 | 2016 | 2018 |
| H | 96 Pine Hill Trl E | 1 | Notified Owner – February, 2015 | 2018 | 2018 |
| I | 8 th Street | 3 | Notified Owners – January, 2014 Petition to evaluate received-April, 2016 Engineering preparing costs | 2018 | 2018 |

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

Private Road Areas – Page 3

| Rank * | Area Description | # Lots | Activity | Original Target Date | Revised Target Date |
|--------|---|--------|--|----------------------|---------------------|
| AA | Peninsular Road | 5 | 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 - Design started Notice of Intent – February, 2014 Easements Solicited – May, 2014 Project Delayed | 2013 | AEO |
| CC | 171 st Street (Martin Co.) | 7 | Private Road In House Design Owners notified October, 2012 | 2014 | AEO |
| CC | Jamaica Dr | 11 | Private Road Owners notified Oct, 2012 In House Design started | 2014 | AEO |
| CC | 197 th Place, 66 th Terrace, 66 th Way | 21 | Notified Owners – Aug, 2010 *Private Roads Notice of Intent to Assess – February, 2015 | 2014 | AEO |
| DD | Taylor Road | 38 | Notified Owners – September, 2011 Private Roads | 2015 | AEO |
| EE | Imperial Woods | 47 | Notified Owners – October, 2010 Withdrew Notification – Feb, 2011 Private HOA – Letter sent-April, 2016 | 2016 | AEO |
| EE | Hobart St SE (Martin Co.) | 13 | Notified Owners – October 2012 Private Roads | 2016 | AEO |
| FF | Rolling Hills | 51 | Notified Owners – January 2013 Private HOA | 2017 | AEO |
| FF | Gardiner Lane | 2 | Notified Owners – July, 2013 Private Road | 2017 | AEO |
| HH | Harbor Rd. S. LPSS | 6 | Notified Owners – January 2014 Private Road | 2017 | AEO |
| GG | Rockinghorse (north of Roebuck Road) | 10 | Notified Owners – January 2013 | 2018 | AEO |
| GG | Island Country Estates | 47 | Notified Owners – January 2013 Private HOA | 2018 | AEO |
| HH | SE Indian Hills | 12 | Notified Owners – January, 2016 Easement for Road & Utilities, No Dedication | 2019 | AEO |

* Rank based upon “2010 Septic System Inventory & Assessment”

TBD = To be determined

AEO = As easements are obtained



DESANTIS, GASKILL, SMITH & SHENKMAN, P.A.

CONRAD J. DESANTIS
Business & Real Estate
Also Admitted in Pennsylvania

TIMOTHY W. GASKILL
Business, Probate
Family Litigation

DONALD R. SMITH
Personal Injury & Wrongful Death
Commercial Litigation

CURTIS L. SHENKMAN
Board Certified
Real Estate Attorney

BROOKE A. GROGAN
Personal Injury & Litigation

ATTORNEYS & COUNSELORS AT LAW
ESTABLISHED 1973
11891 U.S. HIGHWAY ONE, SUITE 100
NORTH PALM BEACH, FLORIDA 33408
TELEPHONE (561) 622-2700 FACSIMILE (561) 622-2841
www.LawPalmBeach.com

LEGAL ASSISTANTS
CIVIL TRIAL, PROBATE
AND FAMILY LAW
KAREN M. B. LOPATOSKY
SENIOR PARALEGAL
MINDY VASSER, SECRETARY

PERSONAL INJURY
ROBIN B. MODLIN, CP
TERRI L. VLASSICK

REAL ESTATE

JUDY D. MONTEIRO
DENISE B. PAOLUCCI

ADMINISTRATOR

CURTIS L. SHENKMAN

November 9, 2016

Loxahatchee River Environmental Control District
D. Albrey Arrington, Exec. Dir. and Board Members
2500 Jupiter Park Drive
Jupiter, FL 33458

RE: PENDING LITIGATION STATUS REPORTS

Dear Board Members:

We are enclosing herewith a brief status report relating to all litigation in which the Loxahatchee River Environmental Control District is presently involved. 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,

TIMOTHY W. GASKILL

/kmb

Attachments

cc: Curtis L. Shenkman, Esquire

OTHER LITIGATION

ACTION: In Re Estate of Israel Marquez et al ...Loxahatchee River Envir Control District
Owner: Estate of Israel Marquez **Property:** 911 Hawie St.
Case No. 50-2010-CP-004006XXXXSBIY

TYPE OF ACTION: Mortgage Foreclosure by Lender, Encon named for its (possible) lien interest –
COMMENCEMENT: Service of Summons/Petition
COMMENTS: Action foreclosing mortgage– Encon named for lien interest
STATUS: Pending

| | |
|-------------------|---|
| 11/24/14 | District served with Petition re Homestead and Real Property as Estate Asset; Filed Answer and Affirmative Defenses; Hearing to be held |
| 12/10/14-1/6/15 | No change in status |
| 2/3/15 | No change in status |
| 3/6/15-5/11/15 | No change in status; monitoring probate action; monitoring for activity; |
| 6/8/15-7/9/15 | No change in status |
| 8/7/15 – 10/12/15 | No change in status, continuing to monitor probate |
| 11/10/15 | There is a pending Motion to sell real estate set for hearing in December, continue to monitor |
| 12/7/15 | No change in status |
| 1/18/16 – 7/7/16 | Last Activity in Court Docket 12/17/14 requiring a paternity test; continue to monitor ; No change in status |
| 8/8/16 – 10/13/16 | No change in status |
| 11/9/16 | No change in status –probate proceedings continuing |

LIEN FORECLOSURES

NONE

MORTGAGE FORECLOSURES / ENCON CROSSCLAIMS

ACTION: West Coast Servicing Inc. v Guy-Wilson et al ... Loxahatchee River Envir Control District
Owner: JOHANNA GUY-WILSON **Property:** 6359-6 Riverwalk Ln
Case No. 50-2015-CA-014203 XXXXMBAW

TYPE OF ACTION: Mortgage Foreclosure by Lender, Encon named for its (possible) lien interest –

COMMENCEMENT: Service of Summons/Complaint upon District

COMMENTS: Action foreclosing mortgage– Encon named for lien interest

STATUS: Pending

| | |
|----------|--|
| 2/5/16 | Mortgage foreclosure action; District served with Complaint; Notice of Appearance; Notice of E-Mail Designation and service address filed; Answer, Affirmative Defenses and Counterclaim/Crossclaim/ filed; in process of serving defendants |
| 3/4/16 | Case in discovery stages; to forward settlement offer to Plaintiff re LRD Liens and Counterclaim |
| 4/8/16 | Service of Process being made upon defendants; Plaintiff filed Notices of Dropping uninterested party defendants; |
| 5/9/16 | Continuing Service on defendants; monitoring for activity |
| 6/9/16 | Settlement offer being sent to Plaintiff/CounterDefendant's counsel; still attempting initial service on cross Defendant |
| 7/7/16 | No change in status |
| 8/8/16 | Defendant/Owner Guy-Wilson filed Motion to Dismiss Crossclaim Complaint; preparing for objection for hearing; Preparing Settlement offer to lender |
| 9/6/16 | Settlement offer sent to Lender re outstanding liens; Still awaiting hearing date for Motion to Dismiss of Crossclaim re Cross Def Guy-Wilson; |
| 10/13/16 | Plaintiff West Coast Servicing filed its Notice of Dropping Party Defendant Loxahatchee River District and attorney advised payment to be made to clear liens and settlement LRD's Counterclaim. |
| 11/9/16 | Awaiting response re satisfaction by lender of LRD outstanding liens from lender's attorney |

MORTGAGE FORECLOSURES / ENCON CROSSCLAIMS (continued)

ACTION: FNMA v James Fils-Aime et al ...Loxahatchee River Envir Control District
Owner: JAMES FILS-AIME AND MARIE R ALEXIS **Property:** 6895 1st St., Jupiter
 Aect #2146900 Case No. 50-2016-CA-002502 XXXXMBAW

TYPE OF ACTION: Mortgage Foreclosure by Lender, Encon named for its (possible) lien interest –

COMMENCEMENT: Service of Summons/Complaint upon District 3/24/16

COMMENTS: Action foreclosing mortgage– Encon named for lien interest

STATUS: Pending

| | |
|----------|---|
| 3/24/16 | Mortgage foreclosure action; District served with Complaint; |
| 4/8/16 | Prepared and filed Notice of Appearance; Notice of E-Mail Designation; Preparing Answer, Counterclaim and Crossclaim for filing; |
| 5/9/16 | Answer, Affirmative Defendants, Counterclaim and Crossclaim filed; service in process on defendants; |
| 6/9/16 | Settlement offer sent to Plaintiff's counsel |
| 7/7/16 | Waiting on response to settlement offer; Filed Motion for Default against Plaintiff FNMA and scheduling for hearing; Motion filed and pending by CrossDef Fils-Aime's M/Dismiss LRD Complaint; LRD scheduling hearing to oppose CrossDef's Motion Dismiss LRD Crossclaim Complaint; |
| 8/8/16 | Follow-up to Plaintiff's counsel sent re settlement proposed; response received for new payoff figures and preparing new estoppel response; Awaiting Answer to Complaint from Lender per agreed order of extension; |
| 9/6/16 | Awaiting response to proposed settlement to Lender; Awaiting CrossDefendant's Answer; Lender's mortgage foreclosure being dismissed; LRD action continuing |
| 10/17/16 | Awaiting response re settlement payoff provided to lender's attorney for settlement of LRD Liens and counterclaim action. |
| 11/9/16 | Awaiting update re satisfaction by lender of LRD outstanding liens from lender's attorney |
| | |

MORTGAGE FORECLOSURES / ENCON CROSSCLAIMS (continued)

ACTION: Flagstar Bank FSB v amber Leigh Demerac, LRECD et al
Owner: Amber Leigh Demerac Properties: : 19009 Hillcrest Dr. SE, Tequesta
 Acct #121400
 Case No. 43-2016-CA-001184CAAXMX

TYPE OF ACTION: Mortgage foreclosure (Encon named for its (possible) lien interest)
COMMENCEMENT: Service of Summons/Complaint upon District 11/3/16
COMMENTS: Action -Foreclosure - Encon named for (possible) lien interest
STATUS: Pending

| | |
|---------|---|
| 11/9/16 | Mortgage foreclosure action; District served with Complaint 11/3/16; Appropriate Answer to be filed |
| | |
| | |
| | |

LITIGATION: QUIET TITLE ACTION

ACTION: Sailfish Club at Jupiter Pointe, LLC v. Tequesta Waterways Development LLC,
 Blowing Rocks Marina LLC, Debs Developers LLC, Martin County, Loxahatchee River District
Owner: Sailfish Club at Jupiter LLC Properties: : 18701 SE Federal Hwy, Tequesta
 Acct #3596200 (18487 Se Fed Hwy); #3411200 (18577 Se Fed Hwy); & 1415000
 Case No. 43-2016-CA-000685CAAXMX

TYPE OF ACTION: Action to Quiet Title (Encon named for its (possible) lien interest –re Developer’s Agreement)
COMMENCEMENT: Service of Summons/Complaint upon District 7/27/16
COMMENTS: Action Quiet Title - Encon named for (possible) lien interest
STATUS: Pending

| | |
|----------|---|
| 8/8/16 | Quiet Title action; District served with Complaint; Answer filed for LRD; |
| 9/6/16 | Plaintiff filed Amended Complaint; LRD Answer to Amended Complaint filed |
| 10/17/16 | No change in status; case proceeding; no action required from LRD at this time. |
| 11/9/16 | No change in status; case proceeding; no action by LRD needed at this time; monitoring case |
| | |
| | |

MEMORANDUM

TO: Albrej Arrington, Ph.D. / Loxahatchee River District

COPY: Clint Yerkes / Loxahatchee River District
Tom Vaughn / Loxahatchee River District
John Koroshec / Hazen and Sawyer
Taylor Bomarito / Hazen and Sawyer

FROM: Albert Muniz / Hazen and Sawyer

DATE: November 10, 2016

FILE: 42009-025.3.1.3

SUBJECT: Loxahatchee River District
Engineer's Monthly Status Report through October 2016

The following is a summary of work performed by Hazen and Sawyer, P.C. (Hazen) on Loxahatchee River District (LRD) projects through the above referenced date.

General Operational Assistance – This project involves providing LRD with engineering assistance related to wastewater operations.

Monthly Progress

- LRD staff and Hazen personnel continue to communicate to discuss plant operations on an as needed basis. The wastewater treatment process continues to perform well
- Hazen continues to provide assistance on an as needed basis

Deep Bed Sand Filters – Final Design and Construction Management Services – The existing traveling bridge filters and filter structure have served the LRD wastewater treatment facility for over 20 years and



are in need of significant rehabilitation and repair. In lieu of repair and replacement, it is the LRD staff's desire to replace the filters with deep bed sand filters. Deep bed filters offer additional benefits over traveling bridge filters including de-nitrification capabilities as well as proven performance during plant upset conditions. Design of the project is complete and the project has entered the construction phase.

Monthly Progress

- Kirlin was issued a Notice to Proceed on January 18, 2016. The substantial and final completion dates are currently October 29, 2017 and January 2, 2018, respectively.
- Progress meetings are being held bi-monthly.
- Shop drawing submittals and reviews are nearing completion.
- Installation of formwork and steel placement for the deep bed filter walls continues with five wall pours on the filters completed to El. 32.50.
- Installation of the underground 30-inch filter effluent pipeline has been completed up to the vicinity of the existing traveling bridge filter structure.
- Installation of the 14" and 24" Filter Effluent and 12" Backwash Supply piping continues on the north side of the deep bed filters.
- Installation of the underground electrical rough-in and the Filter Electrical Building slab pour is completed.
- Erection of the pre-cast concrete Filter Electrical Building structure is completed.
- Tie-ins to the existing 30-inch IQ pipeline at the Parshall Flume flow meter structure have been completed.
- Installation of site duct banks continues.



Alternate A1A/Damon Bridge Water Transmission Main Replacement and Force Main Installation – Hazen was authorized to design a new 16-inch force main pipeline in parallel with a Town of Jupiter water main replacement on the Alternate A1A Bridge in Jupiter. Below is a summary of activities performed to date:

- Hazen submitted the draft 100% complete contract documents, cost estimate, and preliminary construction schedule on May 27, 2016. On June 29, 2016 LRD staff asked Hazen to revise the 16-inch force main design to incorporate a change in pipe material from steel to 304 stainless steel. Hazen has completed this design change, along with a slight alignment modification to keep the new force main within the right-of-way. Hazen provided the new specifications to LRD staff on July 26, 2016, and the updated drawings on August 5, 2016.
- TOWN OF JUPITER, FLORIDA
UTILITIES DEPARTMENT**

**ALTERNATE A1A/ DAMON BRIDGE WATER TRANSMISSION
MAIN REPLACEMENT AND FORCE MAIN INSTALLATION**

JOB No. W1611



TOWN OFFICIALS

| | |
|--------------------------------|-------|
| Mayor | _____ |
| Commissioner | _____ |
| Public Works Director | _____ |
| Water Utility Director | _____ |
| Engineering Director | _____ |
| Finance Director | _____ |
| Legal Director | _____ |
| Information Systems Director | _____ |
| Human Resources Director | _____ |
| Community Development Director | _____ |
| Public Safety Director | _____ |
| Transportation Director | _____ |
| Utilities Director | _____ |

Hazen
MAY 2016
100% DESIGN
- The Town of Jupiter has advertised the project with the Pre-Bid meeting taking place November 10, 2016 and bid opening anticipated for November 29, 2016.
 - The following permits have been acquired by Hazen.
 - ✓ Town of Jupiter Engineering/Utility Permit application submitted on May 31, 2016 – *Issued July 19, 2016*
 - ✓ FDEP/DOH Wastewater Permit application submitted on June 8, 2016 – *Issued on June 15, 2016*
 - ✓ ACOE General Permit application submitted on June 8, 2016 – *Issued on November 8, 2016.*
 - ✓ FDEP ERP Exemption Request submitted on June 9, 2016 – *Approval Issued on July 8, 2016. No sovereign submerged land easements are required for the project.*
 - ✓ FDOT Utility Permit application submitted on June 15, 2016 – *Issued on October 19, 2016.*

As always, please feel free to contact us should you have any questions or need to discuss the progress of any of the above projects in more detail.



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

MEMORANDUM

To: Clint Yerkes, Deputy Director, Loxahatchee River Environmental Control District

From: Christine Miranda, PE
Holtz Consulting Engineers, Inc.

Date: November 9, 2016

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 November 9, 2016:

Loxahatchee River Road Reclaimed Water Main Replacement and Force Main Extension

- The 30% design submittal was made to staff and comments were received on October 3, 2016. We are currently incorporating the comments into the design plans. The 90% plans and specifications are scheduled to be submitted the week of November 14, 2016.

Jupiter Plantation Lift Station #13 Force Main Replacement

- All construction work and final paperwork is complete.

Maplewood Lift Station #21 Force Main Extension

- All construction work and final paperwork is complete.

Turtle Creek Phase I

- The selected Contractor for this project, Johnson-Davis, Inc., will be issued a Notice to Proceed for the project at the beginning of 2017. At pre-construction meeting will be scheduled for mid-December.

Turtle Creek – North End – Subsystem 3 Low Pressure Force Main System

- The 30% design submittal was made to staff and comments were received on September 13, 2016. We are currently incorporating the comments into the design plans. The 90% plans and specifications are scheduled to be submitted by November 22, 2016.

Loxahatchee River Environmental Control District
Monthly Status Report
November 9, 2016

Submitted To: Clinton Yerkes, Deputy Director

The following is a summary of work performed by Mathews Consulting, Inc. (MC) on District projects through November 9, 2016.

Alternate A1A Bridge Force Main Extension Design

MC, and its designed subcontractor InfraMap Corp, completed the utility targeting and soft dig field activities intended to identify all subsurface utility infrastructure located within or in close proximity to the project location. MC, and its designated subcontractor Terracon, also completed the geotechnical investigation and finalized the report which summarizes Terracon's findings and recommendations. MC continued preparing the 75% Design Submittal including the project plans, technical specifications and Engineer's Opinion of Probable Construction Cost.

Master Lift Station #1 Rehabilitation

MC completed the field survey activities and is finalizing the site survey. MC continued with the preparation of the 50% Design Submittal including the project plans, technical specifications and Engineer's Opinion of Probable Construction Cost.

Respectfully Submitted by:

MATHEWS CONSULTING,
A BAXTER & WOODMAN COMPANY



Rene L. Mathews, P.E.
Vice President



Busch Wildlife Sanctuary

The 4th Quarter Report will be presented at the
January, 2017 Board Meeting.

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org

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



AGENDA
FRIENDS OF THE LOXAHATCHEE
NOVEMBER 17, 2016 – 7:30 P.M.* AT DISTRICT OFFICES
ALL MEETINGS ARE OPEN TO THE PUBLIC

1. Call to Order
2. Roll Call
3. Public Comments
4. Approval of Budget
5. Election of Officers
6. Comments from the Board
7. 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 will need a record of the proceedings, and that, for such purpose, he 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 on: November 7, 2016

** Start time is approximate – meeting will start immediately after the Regular Meeting of the Loxahatchee River District Governing Board.*

data:\admin\board\AgendaFriends

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

TO: Governing Board

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

DATE: November 17, 2016

SUBJECT: 2017 Budget for Friends of the Loxahatchee River

The Loxahatchee River Environmental Center is operated as a partnership between the Loxahatchee River District and the Friends of the Loxahatchee River, a 501(c)(3) non-profit. The Friends of the Loxahatchee River works to pay a portion of the River Center's operation and staff costs. Friends' revenue comes from sources such as sponsorships, donations, program fees and memberships. The attached proposed budget outlines the actual (2016) and projected (2017) income and expenses for the Friends of the Loxahatchee River. Staff and the leadership of the Friends of the Loxahatchee River seek your support of the proposed 2017 Budget for the Friends of the Loxahatchee River.

SUGGESTED MOTION:

“THAT THE BOARD OF THE FRIENDS OF THE LOXAHATCHEE RIVER approves the proposed 2017 Budget for the Friends of the Loxahatchee River as presented.”

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

Friends of the Loxahatchee

Proposed Budget 2017

November 17, 2016

| Account | Account Description | 2016 Budget | 2017 Budget | Percent Change 2016-2017 | Notes |
|---|-------------------------|-------------|-------------|-----------------------------|-----------------------------------|
| INCOME | | | | | |
| 4001 | SPONSORS - GOV'T. | \$ 14,000 | \$ 8,000 | -43% | |
| 4002 | SPONSORS - PRIVATE | \$ 7,000 | \$ 10,000 | 43% | |
| 4003 | SPONSORS - CORPORATE | \$ 13,000 | \$ 20,000 | 54% | |
| 4007 | LOXAHATCHEE LEGACY | \$ - | \$ - | | For planned giving or bequests |
| 4004 | DONATION BOX | \$ 10,000 | \$ 9,000 | -10% | |
| 4005 | PROGRAM FEES | \$ 35,000 | \$ 43,040 | 23% | |
| 4014 | SPECIAL EVENTS | \$ 22,000 | \$ 25,000 | 14% | |
| 4009 | FACILITY RENTAL | \$ 3,000 | \$ 3,000 | 0% | |
| 4010 | MEMBERSHIPS | \$ 2,600 | \$ 2,200 | -15% | |
| 4017 | SPECIAL PROJECTS | \$ 6,000 | \$ 2,000 | -67% | |
| 4013 | MISCELLANEOUS REVENUE | \$ - | \$ - | | |
| Subtotal Income | | \$ 112,600 | \$ 122,240 | 9% | |
| | | | | | |
| GIFT SHOP | | | | | |
| 4008 | GIFT SHOP SALES | \$ 12,000 | \$ 13,000 | 8% | |
| 5004 | GIFT SHOP EXPENSES | \$ 8,000 | \$ 8,000 | 0% | |
| Subtotal Net Profit/Loss on Gift Shop | | \$ 4,000 | \$ 5,000 | 25% | |
| Margin | | 33% | 38% | 15% | |
| Total Income | | \$ 116,600 | \$ 127,240 | 9% | |
| | | | | | |
| EXPENSES | | | | | |
| 5001 | PAYROLL | \$ 19,960 | \$ 19,207 | -4% | |
| 5002 | PAYROLL TAX EXPENSE | \$ 1,418 | \$ 1,365 | -4% | |
| 5017 | PAYROLL REIMBURSEMENT | \$ 48,528 | \$ 50,985 | 5% | |
| 5003 | RIVER CENTER OPERATIONS | \$ 11,000 | \$ 12,000 | 9% | |
| 5005 | SPECIAL EVENTS | \$ 10,000 | \$ 12,000 | 20% | NOL, Fishing Tournament, Campfire |
| 5006 | PROGRAM SUPPLIES | \$ 7,750 | \$ 16,500 | 113% | Inc. Camp, Fishing, Girl Scout |
| 5007 | ADVERTISING | \$ 2,000 | \$ 2,000 | 0% | |
| 5008 | PRINTING | \$ 5,000 | \$ 2,000 | -60% | |
| 5009 | SPONSOR EXPENSES | \$ 200 | \$ 300 | 50% | |
| 5010 | LUNCHEONS | \$ 2,000 | \$ 2,000 | 0% | |
| 5011 | DUES | \$ 700 | \$ 700 | 0% | |
| 5013 | IMPROVEMENTS | \$ - | \$ - | 0% | |
| 5015 | PROFESSIONAL SERVICES | \$ 8,000 | \$ 8,000 | 0% | |
| Subtotal Expenses | | \$ 116,557 | \$ 127,058 | 9% | |
| | | | | | |
| INCOME | | \$ 124,600 | \$ 135,240 | 9% | |
| EXPENSES | | \$ 124,557 | \$ 135,058 | 8% | |
| NET INCOME | | \$ 43 | \$ 182 | | |
| Cash Reserves Available | | | \$ 121,067 | | |
| Transfer from Cash Reserves (if needed) | | | \$ - | | |

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

TO: Governing Board

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

DATE: November 17, 2016

SUBJECT: Re-election of Officers – Friends of the Loxahatchee River

In accordance with the bylaws of the Friends of the Loxahatchee River, the Loxahatchee River District Governing Board members comprise the Board of the Friends of the Loxahatchee River, plus the District’s Executive Director (Albrey Arrington) and Deputy Executive Director (Clinton Yerkes). The Friends Board annually conducts an election of officers. Here we propose the re-election of the officers, all of whom have expressed a willingness to serve another term.

Suggested Motion:

**“THAT THE BOARD OF THE FRIENDS OF THE LOXAHATCHEE RIVER elect:
Patricia Walker to serve as President,
Suzanne Mechler to serve as Vice President,
Kara Peterson to serve as Treasurer,
Jocelyn O’Neill to serve as Secretary.”**

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member



Friends of the Loxahatchee River November 2016



River Center Summary Statistics

| Year Month | General Visitors | Program Visitors | Outreach | Gift Shop | Donations | Memberships | Sponsors | Education Programs | River Center Programs | Special Events | Volunteer Hours |
|------------|------------------|------------------|----------|-----------|-----------|-------------|----------|--------------------|-----------------------|----------------|-----------------|
| 2015-10 | 1055 | 549 | | \$872 | \$636 | \$25 | | \$128 | \$128 | \$626 | 139 |
| 2015-11 | 881 | 255 | 144 | \$1,192 | \$560 | \$150 | \$460 | | \$667 | \$815 | 135 |
| 2015-12 | 1078 | 277 | 51 | \$2,749 | \$663 | \$250 | \$8,460 | \$82 | \$210 | \$186 | 149 |
| 2016-01 | 1083 | 606 | 348 | \$1,083 | \$496 | \$150 | \$2,410 | \$93 | \$4,065 | \$679 | 158 |
| 2016-02 | 1178 | 295 | 2088 | \$1,237 | \$501 | \$250 | \$5,060 | \$41 | \$4,655 | \$963 | 126 |
| 2016-03 | 1928 | 478 | 528 | \$1,428 | \$1,167 | \$360 | \$6,200 | \$677 | \$7,271 | \$3,375 | 205 |
| 2016-04 | 1256 | 472 | 138 | \$679 | \$548 | \$150 | \$5,705 | | \$1,010 | \$13,433 | 235 |
| 2016-05 | 1072 | 588 | 7 | \$978 | \$304 | \$225 | \$4,349 | \$495 | \$3,974 | \$701 | 121 |
| 2016-06 | 2274 | 1085 | 466 | \$1,939 | \$781 | \$125 | \$348 | \$3,420 | \$2,410 | \$1,125 | 592 |
| 2016-07 | 2076 | 667 | 199 | \$2,298 | \$748 | | \$4,400 | \$3,294 | \$3,162 | \$810 | 681 |
| 2016-08 | 1559 | 318 | 287 | \$1,377 | \$619 | \$225 | \$1,683 | \$728 | \$40 | | 387 |
| 2016-09 | 950 | 213 | 97 | \$530 | \$716 | \$125 | \$983 | \$184 | | \$50 | 114 |
| 2016-10 | 1258 | 433 | 1038 | \$638 | \$485 | \$50 | \$2,233 | \$55 | \$215 | \$1,040 | 145 |

River Center General

Friends of the Loxahatchee River

On Friday, November 4th, the River Center welcomed Public Relations Manager for the Florida Trails Association and River Center volunteer, John Fenner to present at our November meeting. His topic entitled “Extreme Adventure Birding” discussed a great way to combine overnight camping with birding. A light lunch was served prior to the lecture. We had 50 participants attend this presentation.



Special Programs

Special Halloween Story Time

On Thursday, October 13th the River Center celebrated Halloween with a Special Story Time! We read Halloween stories, sang and danced to spooky songs, and even dressed up in our Halloween costumes. Children were invited to stay afterwards to make crafts and explore the Spooky Swamp at the River Center. Halloween is one of our favorite times of year at the River Center and we were excited to enjoy it with over twenty young children and their families!

Eco-Action Girl Scout Senior and Ambassador Truth Seekers of Water Workshop

On Saturday, October 1st the River Center hosted another Eco-Action Girl Scout Workshop. This program was the first of its kind focusing on high school Senior and Ambassador Girl Scouts earning their Truth Seeker and Water Legacy Badges. We had thirty-five Girl Scouts and leaders participate learning about the Loxahatchee River watershed, ecosystems, human impacts and environmental issues. The girls did hands-on activities to demonstrate the Kissimmee-Okeechobee-Everglades system and they got to meet SWE and River Center volunteer Jenni Hiscock from SFWMD who helped



design the Comprehensive Everglades Restoration Plan and the Loxahatchee River Watershed Restoration Project. Girls also put their engineering skills to the test designing new innovations for deep water exploration, oil spill solutions, and wastewater treatment. As a special treat the girls learned proper paddling techniques and went on a kayak



expedition around Burt Reynolds Park. These programs could not exist without the support of Society of Women Engineers, ERM Foundation and Pratt & Whitney.



Loxahatchee by Night “Haunted Pirate Ship” Campfire

The River Center kicked off the “Loxahatchee by Night” Camp Fire season on Friday, October 21st with our special “Haunted Pirate Ship” themed event. Visitors, decked out in their various Halloween costumes, enjoyed spooky activities all over the center.



These activities included pirate treasure map and hook hand crafts in our classroom, a treasure hunt for pirate “booty” in the garden, s’mores and Halloween tattoos outside by the chiki hut, and lastly a haunted hay ride around the park. This event drew quite a crowd with over 400 visitors in attendance. It was a fantastic night at the center and we hope that our next campfires are just as successful. **Special thanks** to



the LRD Maintenance Department for constructing hayride benches in the back of the River Center truck and to Kyle Sheperd for being the driver during the event.

Public Kayak Tour

On Wednesday, October 12th the River Center hosted a Public Kayak tour to Fullerton Island. The calm waters around Fullerton were filled with various local birds and wildlife. We began our journey circling the outer banks of the island and took a short break in Sawfish Bay Park. Then we made our way around the back side of Adventure Island to find the entrance into Fullerton. While it was a windy day, the sun was shining and it was a great day to be out on the water. We had a total of 6 participants for this event.



Xylem Inc. Corporate Service Project River Cleanup

Xylem, a world leader in water technology, partnered with the River Center on Friday, October 28th to clean up the Loxahatchee River. Eleven employees from the Jupiter branch came to participate in a kayak and shoreline cleanup taking out over 400 pounds of trash from the mangroves around Burt Reynolds Park. We plan to continue to partner with them through a water related service project once a quarter.

USCGA About Boating Safely Course



On Saturday, October 15th the River Center once again hosted the “Boating Safely” course presented by the US Coast Guard Auxiliary Flotilla 52 and sponsored by the AustinBlu Foundation. This course deviated from the normal structure in order to recognize and say thank you to the AustinBlu Foundation for sponsoring our classes. The certificate of appreciation was accepted by Carly Black, the mother of Austin Stephanos, and Margaux Stephanos. It was

nice to have the opportunity to thank these wonderful people for their hard work and support. Our next class on Saturday, November 19th is filling up fast with 21 people already registered. The River Center is proud to be able to provide the opportunity for the people in our community to become better boaters.

Outreach Activities

Fire Fest – Jonathan Dickinson State Park

On Saturday, October 22, Jonathan Dickinson State Park hosted over 2000 visitors at their annual Fire Fest event. Fire Fest is a fun-filled family event emphasizing the importance of fire safety and the role of prescribed fire in Florida. The Florida Park Service’s District Five Fire Team led prescribed burn demonstrations which included a helicopter putting the fires out. Along with these exciting demos visitors enjoyed interactive exhibits, crafts, activities and scavenger hunts. It was a great event and we look forward to attending next year!



El Sol Festival

On Sunday, October 23rd the River Center attended the El Sol Festival. This event was a celebration of the 10-year anniversary of EL Sol. Visitors enjoyed great music, items from local artists and vendors, yummy food, and unique entertainment and activities for kids. This was a wonderful celebration where the River Center was proud to be a partner. We saw over 80 visitors at this event.

Crystal Lake Elementary Outreach

On Tuesday, October 11th River Center educators traveled to Crystal Lake Elementary in Stuart for a special outreach opportunity for the 5th grade classes. Teacher Elaine Sanchez (wife to Adrian Sanchez) contacted us explaining that her students have a lot of wastewater related questions. Most of the information online is complicated and above the 5th grade level. Ms. Sanchez contacted the River Center to help better explain wastewater treatment to her students. We reviewed the water cycle, properties of water, Florida’s water resources and wastewater treatment solutions. We saw 108 students throughout the morning allowing these students from Martin County to gain a better understanding and appreciation of the Loxahatchee River, our water resources and conservation efforts.





Independence Middle School Environmental Club Outreach and Service Project

On Thursday, October 20th the River Center was invited to speak at the Independence Middle School Environmental Club meeting. Educator Megan Harris presented an overview about the Loxahatchee River, water resources, and water conservation efforts to twenty-two middle school students. On Saturday, October 22nd, nine of these students, along with teacher Amy Bauer from the IMS Environmental Club, participated in a service work day at the River Center. They helped cleanup up trash, trim and weed in our migratory bird garden, and replanted native plants into our butterfly garden. We have developed this partnership over the past three years.

Beacon Cove Intermediate STEAM Night

On Thursday, October 27th Beacon Cove Intermediate School hosted a STEAM Family Night with over 200 families coming to learn about Science, Technology, Engineering, Art, and Mathematics. Students in grades 3rd-5th took part and enjoyed interactive stations including experiments, demonstrations, and a wide variety of hands-on activities! The South Florida Science Center and Aquarium, the Florida Engineering Society, and Bricks for Kids sponsored the event along with robotics clubs, Beacon Cove STEM and art teachers and the River Center. The River Center's table included information on household uses of water, wastewater treatment, and irrigation quality water solutions. Hands-on activities focused on water properties, buoyancy, and surface tension, and density and connecting those topics to the Loxahatchee River watershed.



Adventure Awaits Kayak Tour to Cypress Creek Natural Area

On Saturday October 29th the River Center partnered with Palm Beach County Environmental Resource Management to lead a kayak tour to Cypress Creek South Natural Area. The "Adventure Awaits" event series was designed to get visitors and citizens of Palm Beach County into the natural areas. They have conducted trail runs, kayak tours, nature hikes, evening stargazing programs and photography workshops. This kayak tour led fifteen guests through a restored natural area northwest of Riverbend Park. The creek flows directly into the Wild and Scenic Northwest Fork on the Loxahatchee River. This opportunity provided a sneak preview of the new site set to open to the public sometime in the next few months.



Volunteer of the Month: The River Center would like to recognize Eva Sloate as our November volunteer of the month. Eva is a senior at Jupiter High School in the Environmental Research and Field Studies Academy. She began

her service in August as the River Center's High School Intern and we are lucky to have her until the end of the school year in May. She is a jack-of-all-trades type of girl. No matter the project or assignment she is given, she excels. Her upbeat attitude and positivity make Eva a joy to have at the Center.



Friends Membership – 57 active members; 3 new/renewals; 39 current sponsors

Annual Sponsors Recognition – Solid Waste Authority, Caroline Warburton, Anonymous

Upcoming River Center Events – RSVP at rivercenter@lrecd.org or 561-743-7123.

November 18 – 7:00-8:00p: Girl Scout Way Campfire at the River Center! Join the River Center staff and volunteers for an evening filled with Girl Scout songs, games and traditions! This event is for current Girl Scouts or any girl (ages Kindergarten to High School) that is interested in becoming a Girl Scout. Suggested donation \$3/person.

November 19 – 8:30a-4:30p: About Boating Safely: Registration will take place promptly at 8:00, the morning of class. Please register online now! www.tiny.cc/boatsafe.

November 24-25 - River Center is CLOSED for Thanksgiving Holiday.

December 2 – 12:00-1:00p: Friends of the Loxahatchee River: Join the River Center in welcoming Rob Rossmanith, Jonathan Dickinson State Park, as he presents information about the importance of fire and prescribed burns for our local park. Prior to the lecture a light lunch will be served. Please RSVP to attend.

December 2 – 6:00-8:00p: Volunteer Appreciation Event: River Center and Loxahatchee River District adult volunteers will be recognized for their efforts and accomplishments for 2016. Dinner will be served. Please RSVP to attend.

December 10 – 8:30-3:00p: Girl Scouts “Fish Like a Girl”: Back by popular demand! Get "hooked" on fishing with this workshop for older girls. Inspired by the "Run Like A Girl" video, we know that there are lots of things that we can do "like a girl." Girls will learn the basics of fishing including knot tying, tackle, and casting. Other topics that will be covered are: conservation, regulations, fish anatomy (dissection), and fish identification. And, of course, we will be fishing!!!

December 23 – 10:00a-12:00p: Holiday Kayak: Bring the family for an adventure on the Loxahatchee River. Space is limited. \$20 non-members; \$15 members. Please RSVP to attend.

Director's Report

- Admin. & Fiscal Report attach. #1
- Engineering Report attach. #2
- Operations Report attach. #3
- Information Services Report attach. #4
- Other Matters attach. #5

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458-8964

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org

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



Memorandum

To: Governing Board
From: Kara Peterson, Director of Finance and Administration
Date: November 10, 2016
Subject: Monthly Financial Report

Balances as of October 31, 2016

Certificates of Deposit:

| <u>Institution</u> | <u>Original Term</u> | <u>Maturity</u> | <u>Rate</u> | <u>Amount</u> |
|-----------------------------------|----------------------|-----------------|-------------|----------------------|
| FL Community Bank | 18 Months | 02/28/17 | 0.75% | 2,037,286 |
| FL Community Bank | 18 Months | 02/28/17 | 0.75% | 2,037,286 |
| TD Bank | 3 Years | 06/02/17 | 0.92% | 2,044,952 |
| TD Bank | 3 Years | 08/04/17 | 1.19% | 1,027,053 |
| TD Bank | 4 Years | 08/19/17 | 1.40% | 2,091,677 |
| TD Bank | 2.5 Years | 03/02/18 | 1.11% | 2,026,015 |
| TD Bank | 3 Years | 05/22/18 | 1.14% | 2,033,250 |
| Bank United | 1.5 Years | 07/26/18 | 1.15% | 2,006,104 |
| TD Bank | 5 Years | 08/19/18 | 1.87% | 2,123,362 |
| TD Bank | 5 Years | 04/29/19 | 1.88% | 1,572,422 |
| TD Bank | 5 Years | 09/22/19 | 2.09% | 2,090,094 |
| Subtotal | | | | \$ 21,089,501 |
| Other: | | | | |
| FL Community Bank - Public Demand | | | 0.86% | \$ 7,592,446 |
| SunTrust-Business Account | | | 0.35% | 3,558,318 |
| Subtotal | | | | \$ 11,150,764 |
| Total | | | | \$ 32,240,265 |

Average weighted rate of return on investments is: 1.09%

As of 10/31/16:

3 month Short Term Bond: 0.34%

1 month Federal Fund Rate: 0.50%

Cash position for October 2015 was \$31,318,759. Current Cash position is **up** by \$921,506.

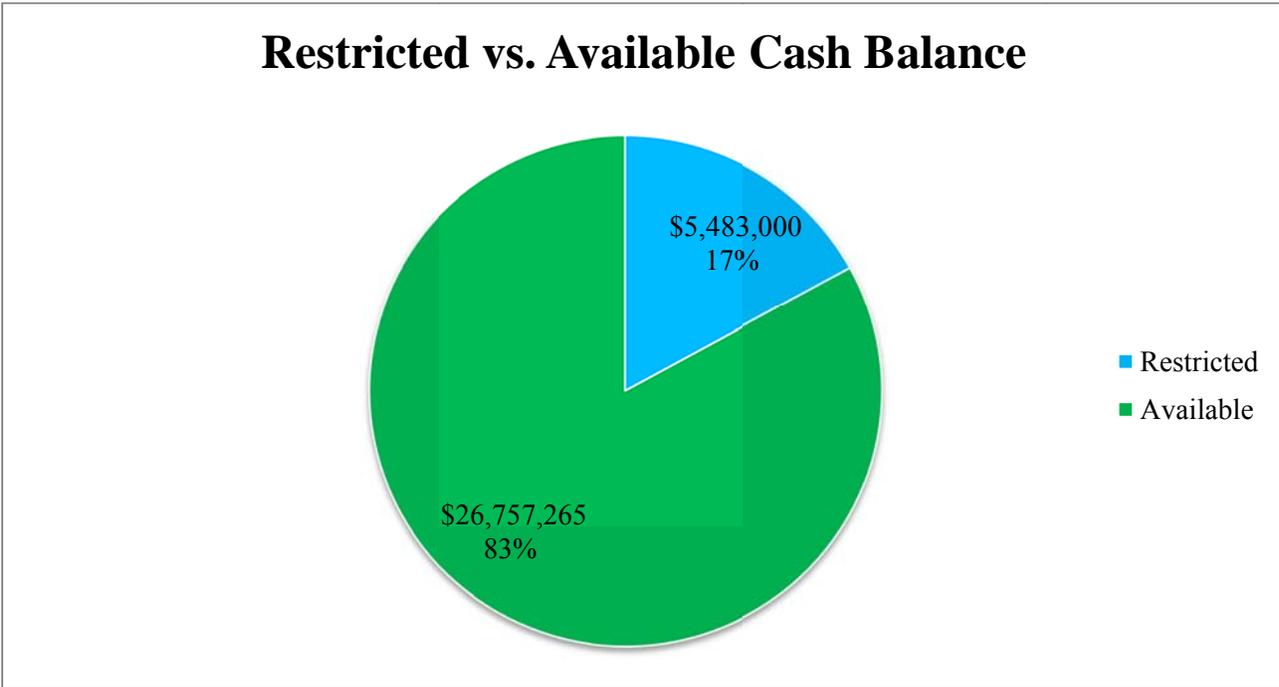
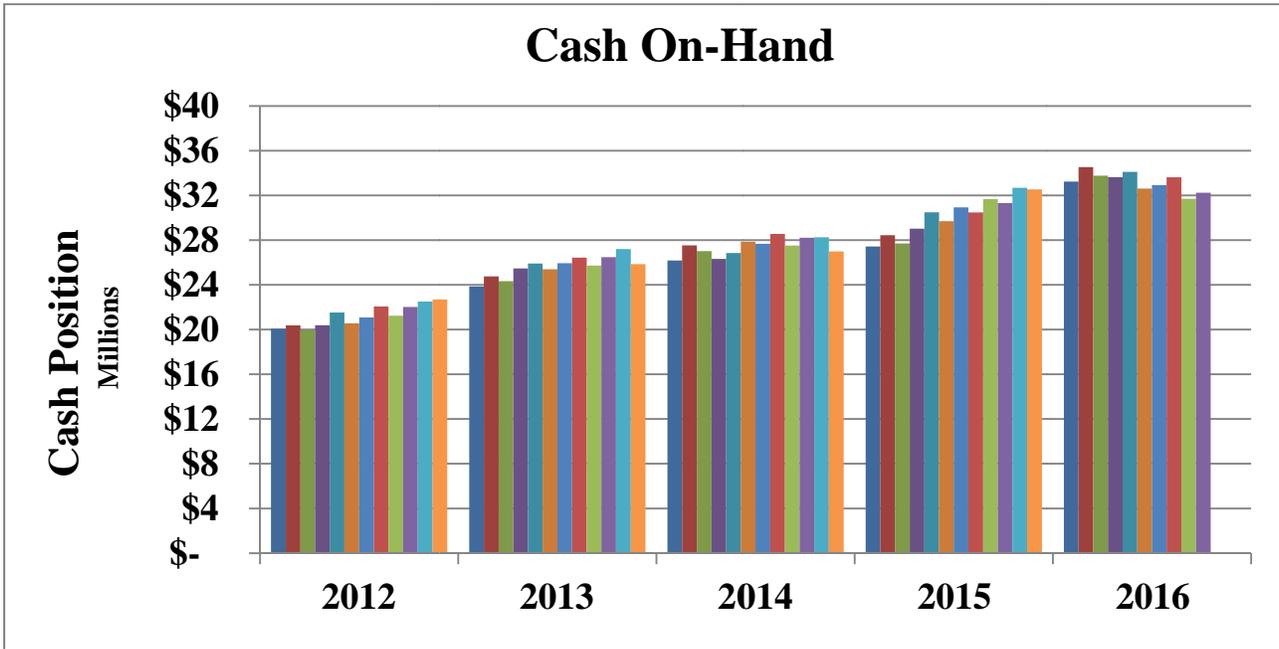
Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

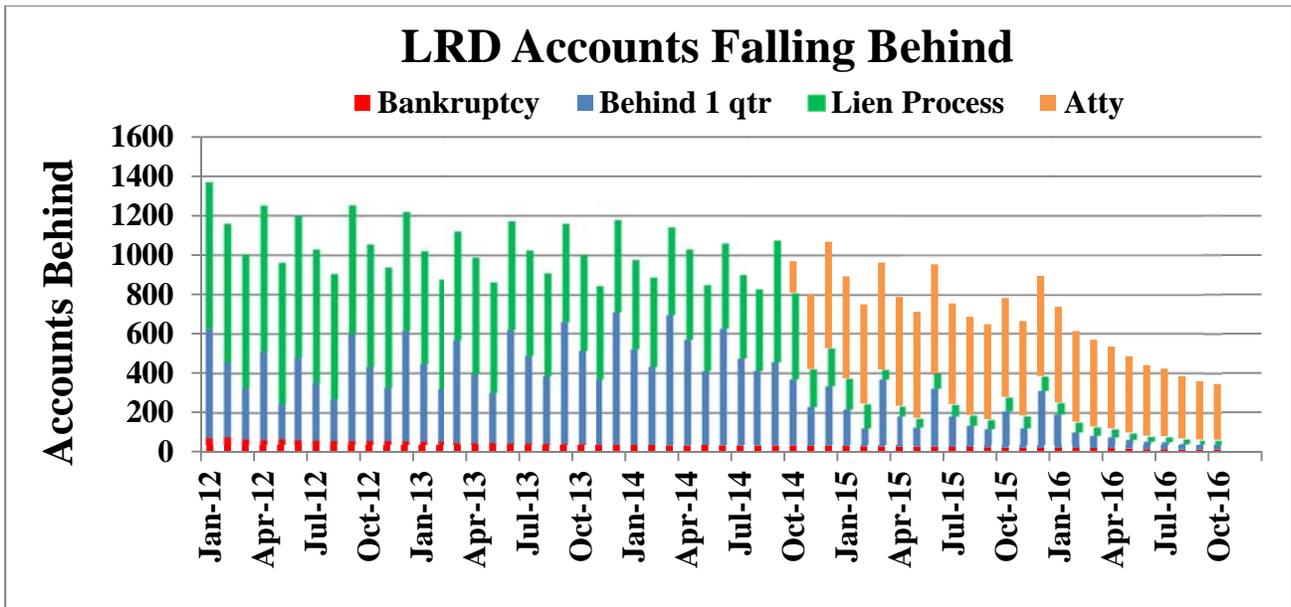
Harvey M. Silverman
Board Member

James D. Snyder
Board Member



Accounting:

- Legal fees collected for the month of October were \$14,142. The fiscal year-to-date total is \$14,142.
- Septage billing for October was \$856. All septage dumping accounts are current.
- Developer’s Agreement – There were no new Developer agreements in October.
- I.Q. Water Agreements – Fairways of Jupiter and Town Center Phase I are past due for September and October; Valencia is past due for October.
- Estoppel fees collected in October totaled \$5,300. The fiscal year-to-date total is \$5,300.
- Accounts in Bankruptcy – 11; Accounts in ‘Prior to Lien Process’ – 30; Lien – 20 Accounts; Attorney – 282 Accounts; Mortgage Foreclosure (active) – approximately 4.



Due to the transfer of seriously delinquent accounts from the Attorney to the District, no new liens have been filed since April 2016.

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

TO: Albrey Arrington, Ph.D., Executive Director
FROM: Bud Howard, Director of Information Services
DATE: November 10, 2016
SUBJECT: Monthly Governing Board Update for October 2016

WildPine Ecological Laboratory

Riverkeeper Project

District and Town of Jupiter staff collected water quality samples from 35 monitoring sites in October. Water temperatures were several degrees lower than September, which likely contributed to better water quality overall from decreased biological activity. An example of this is Chlorophyll levels were lower at all sites, including the Southwest Fork, which had levels at 5 ug/L or below. The highest Chlorophyll (Chla) level was 25 ug Chla/L at South Indian River Water Control District control structure #6 (WCS6) in the C-18 canal, which controls water coming into the system from the south. This Chla result was slightly higher than the DEP Numeric Nutrient Criteria (NNC) for that site of 20 ug/L. The heavy seas, associated with Hurricane Matthew and subsequent weather patterns over the past several weeks, has mobilized sand/sediments as observed by the milky/chalky water and very high turbidity (19 ntu) and total suspended solids (29 mg/L) at our inlet sampling site (Station 10). Some nutrients along with the particulates were also present as well, with one of the highest concentrations of Chlorophylls (12 ug/L) ever reported by LRD (well over the NNC of 1.8 ug/L) and very high phosphorus (0.038 mg/L) concentrations (also over DEP's NNC of 0.032 mg/L). Staff continued to collect additional algae samples throughout the river but the data showed much lower concentrations of chlorophyll levels probably due to lower water temperatures and more cloud cover this month. Bacteria levels were lower with 7 stations out of 12 sampled this month in the Southwest Fork drainage basin having poor water quality.



Example of rough seas and poor water clarity on October 11 and throughout most of the month. Photo from Jupiter Inlet District's Web Cam www.evsjupiter.com.

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

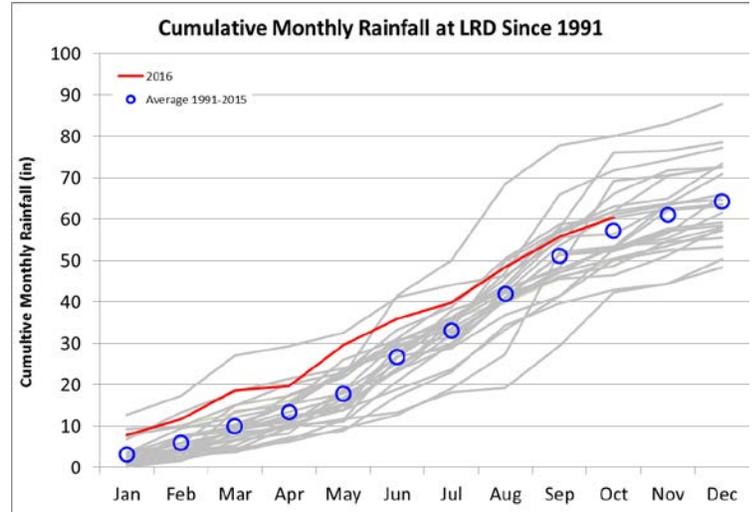
Gordon M. Boggie
Chairman
142

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

Hydrologic and Datasonde Monitoring

During the month of October, the District observed less than average rainfall with monthly total of 4.6” compared to 6.0” typically measured during October. This deficit brings the cumulative rainfall for the year to 60.4”, still slightly higher than the 25-year average of 57.2”. October was characterized by the waning of our wet season afternoon thunderstorms. One significant rainfall event occurred October 6th and 7th when Hurricane Mathew made a close pass off the coast. While spared from direct effects, the area experienced 2.5” of rainfall during the storm.



Cumulative graph of annual rainfall measured at LRECD. Blue circles indicate mean accumulative annual rainfall since 1991.

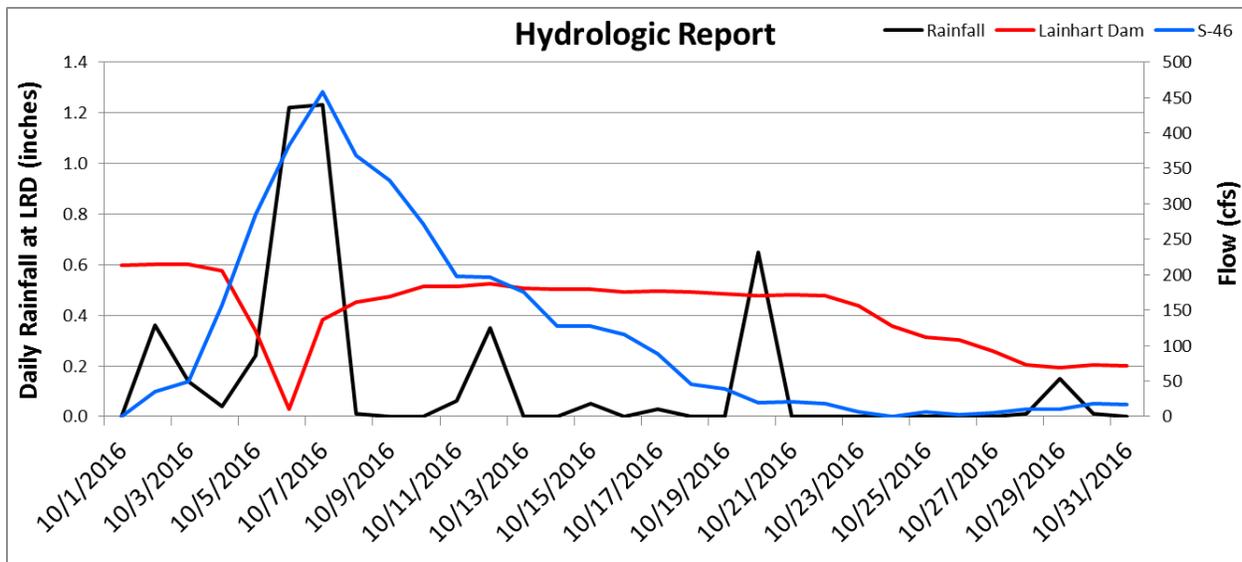


Figure illustrating daily rainfall (black line, left axis) measured at LRD plotted with water flow over two water control structures Lainhart Dam and S-46 (red, blue lines, right axis). Note the unusual decrease in flows at Lainhart when water managers discharge water through the S-46 during Hurricane Matthew.

Mean flow over Lainhart Dam for October was 150 cfs, with peak flows occurring at the beginning of the month at 215 cfs. On October 6th, mean daily flow through the Lainhart dam dropped to only 10 cfs as water managers lowered water levels in preparation for Hurricane Mathew. Mean daily flow immediately returned to 180 cfs and gradually decreased throughout the month to near 70 cfs by month’s end. Flow occurred through the S-46 flood control structure for 30 of the 31 days of October with a modest daily mean flow of 120 cfs for the thirty days the structure was flowing. Flow peaked at 458 cfs on October 6 and decreased through the remainder of the month.

Ample river flow through the Lainhart Dam for the majority of the month prevented salt water intrusion up the northwest fork. Subsurface salinity measured at Kitching Creek experienced a maximum salinity

of only 1 ppt on October 6 during Hurricane Mathew when Lainhart flow dropped to only 11 cfs as water flowed through S-46 into the Southwest Fork. Salinity for the remainder of October was mostly fresh with only slight peaks of less than 1 ppt occurring during “king” high tides and strong east winds. Salinity at the North Bay water quality monitoring site experienced slight fluctuations in salinity in response to increased flows from the S-46 associated with Hurricane Mathew. In the days following the storm, salinity at this site decreased to 15 ppt but returned to the typical range of 25 to 35 ppt once flows at the S-46 decreased and the central bay region experienced the effects of a “king” tides and strong east winds.

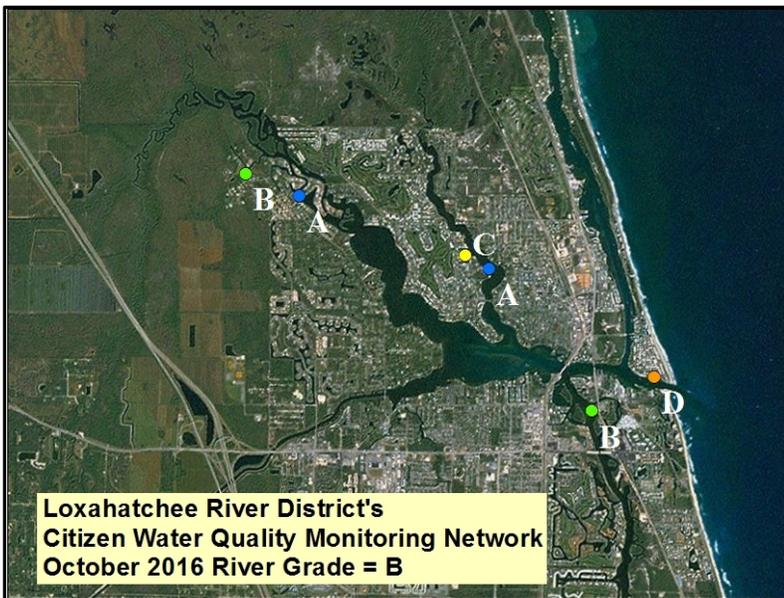
Oyster Recruitment Monitoring

Our evaluation of oyster spawning and settlement for the 27d period between September 22 and October 19 is complete. The data indicate the fall oyster spawning is well underway with the highest density of oyster spat observed so far this year. Activity was highest in the Northwest Fork with a *mean density of 5,074 spat m⁻²*! The downstream and upstream distribution of settlement activity in the Northwest Fork was 7,732 spat m⁻² and 2,415 respectively. The Southwest Fork had less settlement activity with a mean density of 2,523 spat m⁻². The downstream sites in both the Northwest and Southwest Forks (combined) had the most settlement activity where average density was 2,902 spat m⁻², compared to the upstream site where density was 2,144 spat m⁻². We anticipate oyster spawning activity to diminish as water temperatures continue to drop.



3x3" oyster monitoring tile with numerous “baby” oysters called spat.

Volunteer Water Quality Monitoring



For the month of October water quality declined and ended up scoring a “C” grade. The lower scores were driven largely by diminished water clarity. At the most upstream site, the DO was out of the good range. In the North Fork, a low salinity and poor water clarity was the driver of the lower score. Most notably, the inlet scored unusually poor water clarity and color as a result of the rough seas that persisted most of the month.

Information Technology

Hurricane Mathew Preparations

Staff did an excellent job with preparations and recovery of IT infrastructure during Hurricane Mathew with minimal disruption. Creative thinking and good planning provided peace of mind knowing we had redundant systems and multiple offsite backups. The storm provided another opportunity to gain experience and further improve the IT Departments supplement to the District's Hurricane Manual.

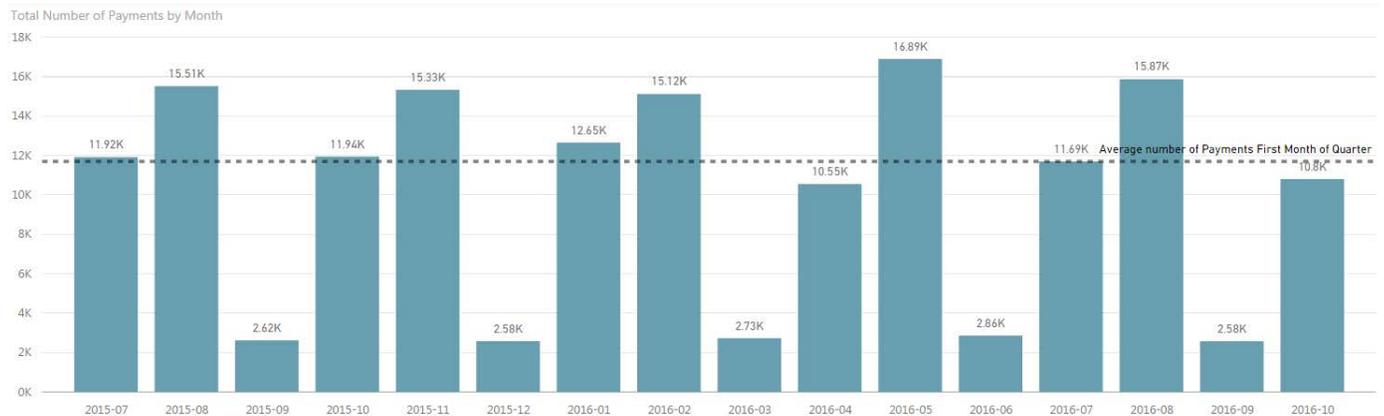
Switch Replacement

Through careful planning, attention to detail, and the guidance from our highly experienced consultant, staff configured and replaced 11 network switches throughout the District with no disruptions to services. We replaced these switches as part of our regular lifecycle maintenance.

Customer Service

Payment Processing

Staff prepared and sent our 4th quarter billing on October 12th and 13th, then processed 10,800 payments totaling \$1.5M from our quick paying customers. 4th quarter bills are due November 15. Our new analytics tools help us see that we will have more payments than usual leading up to the due date because customers made fewer than average numbers payments the first month of the billing quarter.



New Email Billing Process

Staff identified and configured a new service to send our email bills through a robust bulk email services provider. We look forward to our first live test of using the new system to mail our past due bills later this month. Once fully implemented, we anticipate the new process could save a full day of staff time each month we send bills.

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

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

FROM: Kris Dean, P.E.
Director of Engineering Services

DATE: November 10, 2016

SUBJECT: Director's Report - Engineering Division
November 2016 Board Meeting

Developer Projects

Staff were active on 10 Developer projects including the following activities.

Plan Review: Staff performed plan reviews for the following projects.

Sonoma Isles Residential Phase 2B: This project provides a gravity collection system to serve approximately 41 residential units in the Sonoma Isles development.

Lighthouse Cove Mini Golf: The Lighthouse Cove Mini Golf facility is adding a pavilion for an additional 80 seats to be served by the onsite food service establishment.

Tanah Keeta: Staff coordinated with the Boy Scouts of America and their consultants for addition of two bathhouses at the Tanah Keeta facility.

Construction: Staff performed construction inspections, shop drawing review, RFI responses and/or attended preconstruction meetings for the following projects.

Bella Villaggio: This project includes a new gravity system to serve 16 units in a multi-family development located off County Line Road.

Sonoma Isles Residential Phase 2, 3 and 4: This phase of the project provides a gravity collection system to serve approximately 17 residential units and complete the loop road gravity system. This project was formerly known as Lakewood and Parcel 19.

Final Completion: Staff performed final completion activities to include final inspections, record drawings review and punch lists.

Windsor Park North Phase 1D: A gravity system to serve lots 40-47 where the Windsor Park Sales Center complex was previously located.

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman
146

Harvey M. Silverman
Board Member

James D. Snyder
Board Member

One Year Inspections: Staff performed one year warranty inspections on the following project.

Ocean Breeze: A private gravity system with private lift station to serve a multi-family development just south of Marcinski on US 1.

Capital Projects

Staff were active on 24 Capital projects including the following activities.

Design/Bid: Staff are currently in the design or bidding phase for the following projects.

US1 Force Main Abandonment – Waterway Road to County Line Road: We have determined an alternate to the force main replacement approved by the Board in June. The alternate entails abandonment of the existing force main in US 1 from Schrimshaw to Waterway, connection of the low pressure system from Harbor Road South to Harbor Road North to the gravity system for LS 061 and connection of LS 068 to the force main at LS 061. This will result in abandonment of approximately 4,000 LF of force main in FDOT right of way. This alternate design will be fully functional and will be at a significantly lower cost than the earlier approach approved by the Board.

Survey work is complete and plans are expected to be submitted for permitting by December 2016.

Lift Station Rehabilitations for 2017: Rehabilitation of lift stations 16, 35 and 105. Plans are complete for LS 16 and 105. LS 35 is in progress. Permitting should begin by December 2016.

Lift Station 114 Rehabilitation: Upgrades and rehabilitation of lift station 114. This station is a re-pump station serving the A1A corridor from Olympus through Juno Beach.

Staff have coordinated with Xylem for pump sizing, with DFS for telemetry requirements and are currently working on variable speed drive and PLC controls for the new panel. It is anticipated that bidding should begin in January 2017.

Lift Station 242 Emergency Generator: Installation of a permanently installed standby emergency generator to serve Lift Station 242 which services Independence Middle School, the designated Red Cross Shelter for the Jupiter Area.

Bids were received and a contractor has been selected. Staff are coordinating with TECO Gas for a natural gas service. Natural gas should be available for service by February 2016. Submittals for the generator have been reviewed and the generator has been released for manufacture. Delivery of the generator is expected in January 2016.

Tequesta Drive Low Pressure Sewer System: Staff are working on a low pressure sewer system design to serve two remnant properties on Tequesta Drive across from Village Hall.

Shay Place Low Pressure Sewer System: Staff are working on a low pressure sewer system design to serve 11 properties on Shay Place off Seabrook Road in Tequesta. This project is part of our neighborhood sewerage program.

Lenmore Drive: Staff are working on a low pressure sewer system design to serve 3 properties on Lenmore Drive off Palmwood Road. This project is part of our neighborhood sewerage program.

Construction: Staff provided construction inspection and engineering oversight for the following projects.

Hibiscus Avenue: This project was awarded at last month's board meeting. Staff have been coordinating with the contractor for the construction schedule. A preconstruction meeting was held where it was determined to postpone the NTP until January of 2016. All submittals have been approved excluding maintenance of traffic plans through the Town of Juno Beach. Based on January 2017 start, construction should be complete in March 2017.

Lift Station Rehabilitation 6: This project includes rehabilitation of Lift Station 6 in Pennock Industrial Park. Construction is complete and final paper work was concluded in October.

Hyland Terrace Low Pressure Sewer System: This project includes low pressure sewers for Harken Terrace, Whispering Pines Trail, Pine Grove Street, Linden Street, County Line Road and SE Seminole in Martin County. This project has been released for use by the FDEP and residents may connect anytime within the next year.

Lift Stations 62 and 94: Contracts to complete lining for these two areas are included in this month's board notebook, Tabs 6D and 6E.

Consultant Projects:

Master Lift Station Rehabilitation This project is for the rehabilitation for the Master Lift Station located just east of Pennock Ln and Indiantown Rd. The project will include pump replacement, piping modifications, bypass facilities, isolation valves, coatings and emergency generator replacement. A kick-off meeting was held in October, the consultant is currently working on 30% plans.

Alternate A1A Subaqueous Crossing Replacement: This portion of the project includes piping up to the aerial bridge crossing at the Loxahatchee River and Alternate A1A. The consultant has been coordinating with existing utilities and is currently working on 60% plans.

Jupiter Inlet Colony Neighborhood Rehabilitation: This project provides a gravity collection system and lift station to serve the approximate 240 homes and town facilities located in Jupiter Inlet Colony. Lift station wet well installation is complete, and approximately and water main installation should be complete this week.

The board approved Change Order 1 at the October board meeting. Following approval of Change Order 1 the consultant held a schedule recovery meeting with staff and the contractor which resulted in substantial improvements to the schedule and a projected on-time completion for the project. Progress is being tracked closely and the consultant, staff and contractor are working diligently to maintain the revised schedule.

This month Change Order 2 has been approved. Change Order 2 included a substitution for plastic drainage pipe, reduced generator size, cellular RTU and substitution of plug valves for gate valves on the force main.

Maplewood Drive Force Main: This project installed a new back up force main from LS 21 to the force main in Indian Creek Parkway. Construction is complete. Record drawings, FDEP and final documentation are pending.

Turtle Creek Phase 1: The project has been awarded. Construction is tentatively scheduled to commence in early 2017.

Alternate A1A/Damon Bridge Water Main Replacement and Force Main Installation: Staff performed plan reviews and looked at alternate materials of construction to decrease long term maintenance on the project. This project includes installation of a new 16” force main on the Damon Bridge to replace the existing 24” force main subaqueous crossing of the Loxahatchee River.

Loxahatchee River Road IQ Main Replacement and 4” Force main Installation: A project to replace a 16” aerial crossing along Loxahatchee River Road. The project is currently in for a permit revision to add a 4” waste water force main to the project as part of the final extension of the Districts waste water force main system along Loxahatchee River Road.

Other Utility Projects

These projects include plan review, coordination and inspections associated with other utilities such as the Town of Jupiter, Village of Tequesta, Town of Juno Beach, Palm Beach County and Martin Co.

Pine Gardens South: A Town of Jupiter project that provides storm system upgrades in the Pine Gardens South development.

North Jupiter Water Main Improvements: A Town of Jupiter project to replace AC water mains in the north Jupiter area.

Waterway Park: A new boat ramp facility on the Intracoastal and Indiantown Road.

Burt Reynolds Park: Burt Reynolds Park West is being renovated. Renovations include demolition of the old Chamber of Commerce building and reconfiguration of parking to add additional spaces and streamline the flow of boat trailer traffic.

Toney Penna and Old Dixie Hwy: A PBC project to improve the intersection. Minor adjustments to existing District facilities are required.

Riverside Drive Paving: A Town of Jupiter project to repave Riverside Dr from Alt A1A to River Terrace.

SR 5 from Beach Road to County Line Road: An FDOT project to repave and reconfigure a portion of SR 5 (US 1) from Beach Road to County Line Road. Staff are coordinating with the FDOT for adjustments and replacement of District facilities to accommodate the revised right of way. This project is in conjunction with the US 1 Force Main Abandonment project noted above.

Construction

Staff were involved in various projects including the following activities.

Booster Station 200: Staff completed installation of piping supports after replacement of a 20" check valve.

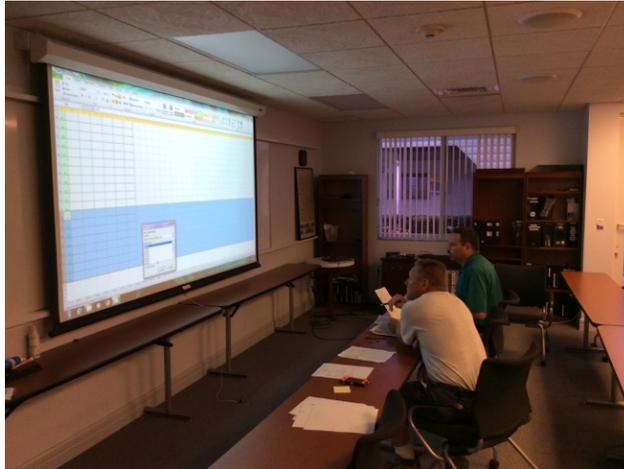
Service Repairs: Staff completed service repairs on Nicole Circle and Lakeside Dr. After the repairs were complete an outside contractor poured new concrete driveways.



Collections/Reuse

Staff performed all monthly assigned preventative maintenance work order tasks.

Lift Stations : 1, 17, 18, 45, 46, 56, 58, 64, 66, 79, 86, 138, 139, 199, 200, 210, 211, 212, 234, 236, 237 and 238.
Staff completed PM on lift stations and associated underground assets inspection and evaluation.



Senior Field Collection Operator and GIS Technician Specialist II work on a plan for scheduled projects in November.



For the reporting month, (5) new low pressure systems came online in the low pressure pump station system.

The District's Vac Con Crew cleaned the following lift stations: 21, 83, 171, 209 and 235.

During reporting month, there was one (1) major systems interruption (**Hurricane Matthew**) in Collection/Transmission/Reuse systems that caused emergency or systems to not operate normally. We have completed our analysis of the issue and made onsite improvements to prevent a similar occurrence in the future. Additionally, we are working on modifications to the SCADA system to provide additional layers of monitoring/alerts for added redundancy.

Reuse: Staff completed all assigned preventative maintenance work orders for the distribution system, golf course customers and Abacoa including data input and report approvals.



Plant Master Reuse pump station Factory refurbished 335 HP submersible pump ready for installation



The Reuse Systems Annual Permit required twenty four (24) hour composite sampling. This sampling was completed for the nano filtration concentrate by the District and an outside laboratory contract.

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458-8964

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

TO: Albrey Arrington, Executive Director

FROM: Tom Vaughn, Director of Operations

DATE: November 2, 2016

SUBJECT: Operations Department Monthly
Report for October 2016

Treatment Plant Division

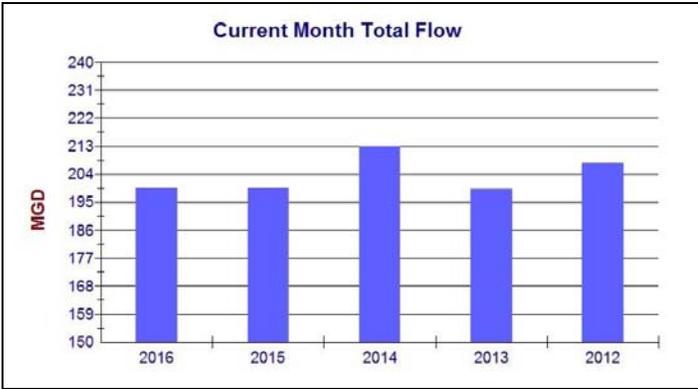
Operations department assisted maintenance in cleaning the sludge holding tank. The tank was out of service for 8 days for the cleaning. We used Aeration Tank #1 for sludge holding before it was sent to dewatering for final processing. Bradford Septic Hauling was hired to haul the grit (sand and rags) to West Palm sewer department due to the negative effect it would have on our plant.



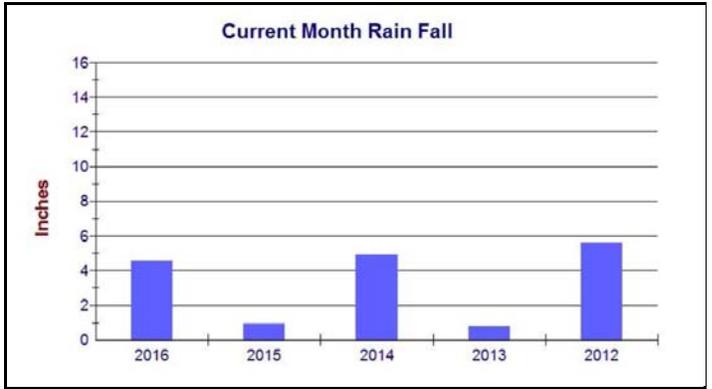
BELOW. Toward the end of the project, the diffusers had become exposed and the level of sand and sludge was directed to the lowest point of the tank.



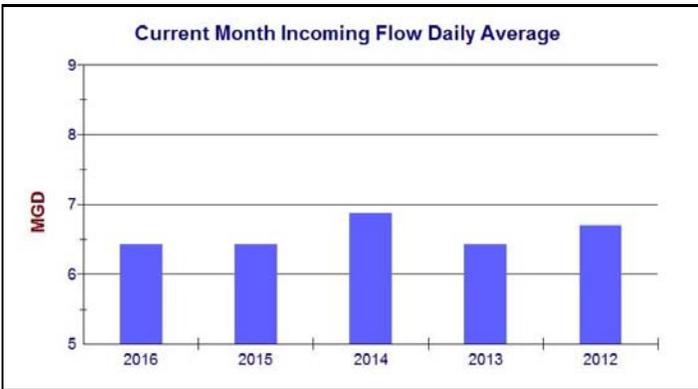
We have had another great month of no Permit exceedances.



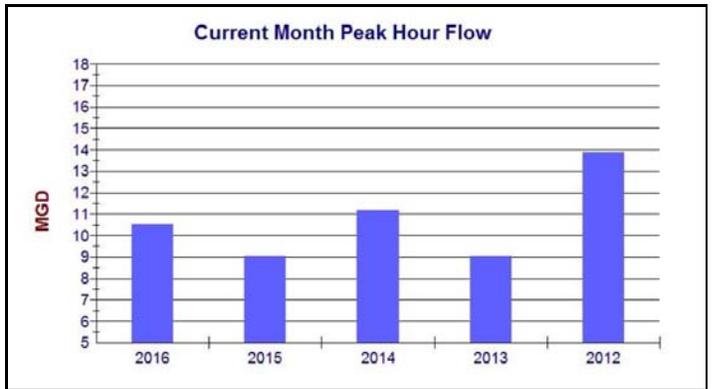
The plant total flow for the month of October was 199.33 million gallons.



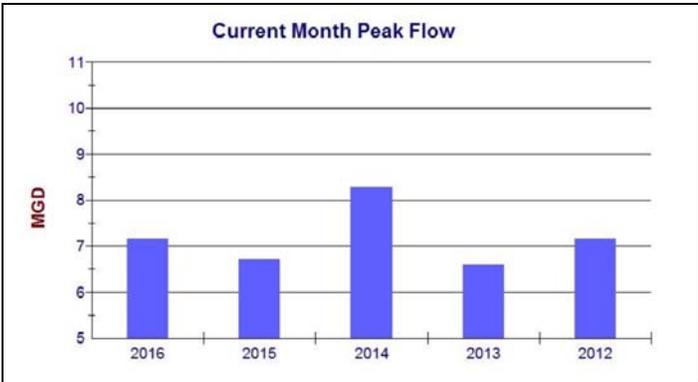
4.55 inches of rainfall were recorded at the plant site during the month of October.



The treatment plant incoming flow for the month of October averaged 6.43 MGD compared to 6.43 MGD one year ago for the same month.

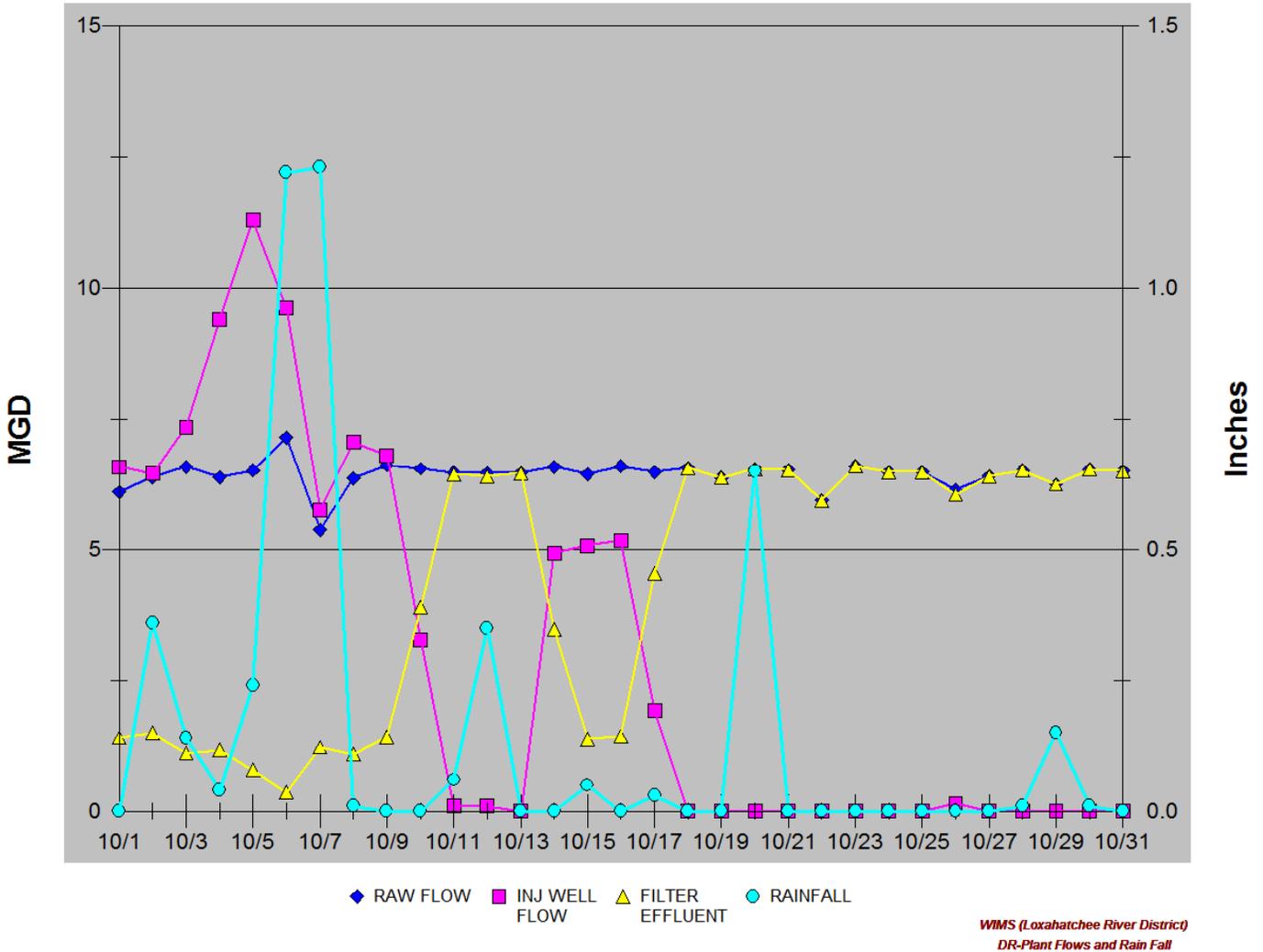


The peak hourly flow rate in October was 10.52 MGD.



The greatest single day average flow in October was 7.15 MGD.

The plant received 199.33 MG of influent flow of which 133.81 million gallons were sent to the IQ storage system where they were dispersed as needed to the various golf courses and the Abacoa development sites. Due to wet weather conditions and 4.55 inches of rain during the month, 91.04 million gallons of blended effluent was diverted to the Injection Well. Overall, 67.13% of incoming flows was recycled for IQ use and the plant delivered 106.96 million gallons of IQ water to the Reuse customers.



For the year 2016, the plant recycled 58.76% of all incoming flow and the total amount of IQ water delivered to reuse customers stands at 1,269.92 million gallons.

All required monthly reporting has been submitted on time.

Safety / Compliance

SAFETY TRAINING.

Safety training for the month of October reviewed “Eye Protection”. At one time, eye injuries were the District’s leading injury claim. With an evaluation of current eye protection available for District employees, a few important factors stood out.

No single type of eye protection is right for every person or every job. By implementing a few changes to our current eye protection equipment inventory, the District has been able to greatly reduce eye injuries. A few factors that stood out were fit (not everyone is the same size), function (where and how will it be used), and last but not least, is it cool! Obviously these factors mean different things to different people.

If a pair of glasses does not fit you right, you will probably be annoyed continuously adjusting them, until you do not use them. If the proper pair of quality goggles is not available to you, and the ones you have keep fogging up, you probably will not use them. If your face shield keeps falling off, or even impairs your view, you probably will not use it.

Of course the most important factor we learned in our experiments is “does this look cool”? By focusing on these factors we determined there is no one size fits all solution. If your equipment fits properly and functions well, it has a much better chance of being used to its full potential.

Finally, the coolness factor brought the best results. If an employee actually likes his safety glasses, it was determined that they were used consistently. We found employees did not “loose” their glasses, or leave them in the truck, or “forget them”.

In conclusion, instead of telling District employees they look safe; just tell them they look cool. I would like to thank all District employees who participated in this experiment, even if they didn’t know they were involved.



The District has no lost time to report for the month of September.

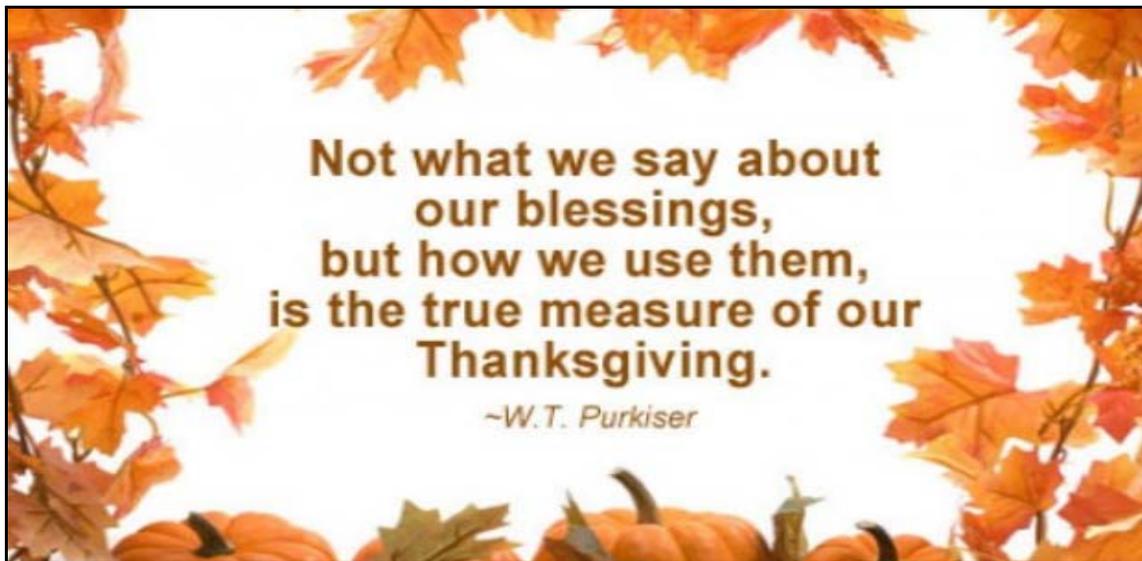
Maintenance

BELOW. The maintenance shop was able to utilize the tools in the fabrication shop to replicate a fan shroud that would have rendered the Vac Con truck useless if it had not been repaired. We have taken it a step further to ensure the longevity of the piece that we made by fabricating it out of 316 stainless steel that will not corrode. The shroud was installed onto the Vac Con truck for operation.



Tidbits from Tom

October, 2016



A Parable of Thankfulness

A blind boy sat on the steps of a building with a hat by his feet. He held up a sign which said: "I am blind, please help." There were only a few coins in the hat. A man was walking by. He took a few coins from his pocket and dropped them into the hat. He then took the sign, turned it around, and wrote some words. He put the sign back so that everyone who walked by would see the new words. Soon the hat began to fill up. A lot more people were giving money to the blind boy. That afternoon the man who had changed the sign came to see how things were. The boy recognized his footsteps and asked, "Were you the one who changed my sign this morning? What did you write?"

The man said, "I only wrote the truth. I said what you said but in a different way." I wrote: "Today is a beautiful day but I cannot see it." Both signs told people that the boy was blind. But the first sign simply said the boy was blind. The second sign told people that they were so lucky that they were not blind. Should we be surprised that the second sign was more effective?

Moral of the Story: Be thankful for what you have!

Be creative. Be innovative. Think differently and positively. When life gives you a 100 reasons to cry, show life that you have 1000 reasons to smile. Face your past without regret. Handle your present with confidence. Prepare for the future without fear. Keep the faith and drop the worry.

It is a beautiful thing to see a person smiling. And even more beautiful, knowing that you are the reason behind it!!! Catch yourself when you start complaining about what you don't have. Enjoy your day with a heart of gratitude.

Have a happy, healthy, thankful Thanksgiving!

See ya' at the Top – (That's near Cheese Station "N")

**Tom Vaughn
Director of Operations**

Loxahatchee River District

Water Reclamation | Environmental Education | River Restoration

2500 Jupiter Park Drive, Jupiter, Florida 33458

Telephone (561) 747-5700 • Fax (561) 747-9929 • www.loxahatcheeriver.org



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

MEMORANDUM

TO: Governing Board
FROM: Administration Staff
DATE: November 9, 2016
SUBJECT: Consultant Payments

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

| | <u>Prior Month</u> | <u>Fiscal YTD</u> |
|-------------------------------------|--------------------|-------------------|
| DeSantis, Gaskill, Smith & Shenkman | \$26,519.25 | \$26,519.25 |
| Arcadis | \$31,559.81 | \$31,559.81 |
| Hazen | \$37,790.24 | \$37,790.24 |
| Holtz | \$15,758.70 | \$15,758.70 |
| Mathews | \$5,181.06 | \$5,181.06 |

Should you have any questions in regard to these items, please contact Kara Peterson concerning the attorney's invoice, and Clint Yerkes concerning the engineers' invoice.

L:/data/admin/board/consult.doc

Stephen B. Rockoff
Board Member

Dr. Matt H. Rostock
Board Member

Gordon M. Boggie
Chairman

Harvey M. Silverman
Board Member

James D. Snyder
Board Member



Future Business

Neighborhood Sewering:

- Turtle Creek Subsystem 3 Notice of Intent
- Hyland Terr. (all areas) – Preliminary Assessment

Other:

- Attorney/Client Session – December 15th
- Executive Director's review
- Lift Station Rehabs 2017 construction contract
- Lift Station 114 Rehabilitation construction contract
- US1 Tequesta Force Main relocation construction contract