

**UTILITY SPECIAL DISTRICT  
BOARD OF DIRECTORS MEETING  
AGENDA**

**MARINA EVENT CENTER, 190 E 13TH STREET  
600 West Blue Heron Boulevard  
Riviera Beach, FL 33404**

**WEDNESDAY, SEPTEMBER 20, 2017  
5:30 PM**

***NOTICE***

IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT, OF 1990, PERSONS IN NEED OF A SPECIAL ACCOMMODATION TO PARTICIPATE IN THE PROCEEDING SHALL, CONTACT THE EXECUTIVE ASSISTANT AIDE AT 561-845-4185 NO LATER THAN 96 HOURS PRIOR TO THE PROCEEDINGS. IF HEARING IMPAIRED, TELEPHONE THE FLORIDA RELAY SERVICES 1-800-955-8771 (TDD) OR 1-800-955-8770 (VOICE) FOR ASSISTANCE.

**DISTRICT BOARD OF DIRECTORS**

**KaSHAMBA MILLER-ANDERSON, BOARD  
CHAIRPERSON  
TONYA DAVIS JOHNSON, CHAIR PRO-TEM  
(DISTRICT 2)  
LYNNE L. HUBBARD, BOARD MEMBER  
(DISTRICT 1)  
DAWN S. PARDO, BOARD MEMBER  
(DISTRICT 4)  
  
TERENCE. D. DAVIS, BOARD MEMBER  
(DISTRICT 5)  
MAYOR THOMAS A MASTERS  
(Ex-Officio Board Member)**

**ADMINISTRATION**

**Jonathan E. Evans, City Manager**

**Troy F. Perry, Acting Executive Director of Utility Special District**  
**Assistant Executive Director of Utility Special District**  
**Claudene L. Anthony, CMC, District Clerk**  
**Andrew DeGraffenreidt, District Attorney**  
**Randy Sherman, District Finance Director**

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PLEASE TAKE NOTICE AND BE ADVISED that if any interested person desires to appeal any decision made by the Utility Special District Board of Directors with respect to any matter considered at this meeting, such interested person, at own expense, will need a record of the proceedings, and for such purpose 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, pursuant to F.S. 286.0105.

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LOBBYING - ORDINANCE 4001 ADOPTED SEPTEMBER 2011

Lobbyist registration and reporting forms are available for you online and in Print. Forms can be obtained in the Office of the City Clerk and in the Council Chambers. Registration and reporting forms shall be submitted to the Office of the City Clerk.

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ANY PERSON WHO WOULD LIKE TO SPEAK ON AN AGENDA ITEM, PLEASE FILL OUT A SALMON PUBLIC COMMENT CARD LOCATED IN THE BACK OF THE COUNCIL CHAMBERS AND GIVE IT TO THE STAFF PRIOR TO THE ITEM BEING TAKEN UP BY BOARD OF DIRECTORS FOR DISCUSSION. MEMBERS OF THE PUBLIC SHALL BE GIVEN A TOTAL OF THREE (3) MINUTES TO SPEAK ON ALL ITEMS LISTED ON THE CONSENT AGENDA. MEMBERS OF THE PUBLIC WILL BE GIVEN THREE (3) MINUTES TO SPEAK ON EACH REGULAR AGENDA ITEM. IN NO EVENT WILL ANYONE BE ALLOWED TO SUBMIT A COMMENT CARD AND SPEAK ON AN AGENDA ITEM AFTER THE RESOLUTION IS READ OR ITEM CONSIDERED.

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**CALL TO ORDER**

**Roll Call**

**Invocation**

**Pledge of Allegiance**

**AGENDA Approval**

**Additions, Deletions, Substitutions**

**Disclosures by Board of Directors**

**Adoption of Agenda**

**Comments From the Public on Consent Agenda (Three Minute Limitation Total)**

**CONSENT AGENDA**

ALL MATTERS LISTED UNDER THIS ITEM ARE CONSIDERED TO BE ROUTINE AND ACTION WILL BE TAKEN BY ONE MOTION. THERE WILL BE NO SEPARATE DISCUSSION OF THESE ITEMS UNLESS A BOARD MEMBER SO REQUESTS, IN WHICH EVENT, THE ITEM WILL BE REMOVED FROM THE GENERAL ORDER OF BUSINESS AND CONSIDERED IN ITS NORMAL SEQUENCE ON THE AGENDA.

## **MINUTES**

## **RESOLUTIONS**

### **END OF CONSENT AGENDA**

## **AWARDS AND PRESENTATIONS**

## **PUBLIC HEARINGS**

## **REGULAR AGENDA**

1. RESOLUTION NO. \_\_\_\_\_ A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT, PALM BEACH COUNTY, FLORIDA, ADOPTING THE FISCAL YEAR 2017-2018 BUDGET FOR THE UTILITY SPECIAL DISTRICT; AND PROVIDING AN EFFECTIVE DATE

### **END OF REGULAR AGENDA**

**COMMENTS FROM THE PUBLIC - Non Agenda Item Speakers (Three Minute Limitation)** Public Comment should be restricted to issues, matters, or topics pertinent to the City of Riviera Beach. Please be reminded that the City Council has adopted Rules of Decorum Governing Public Conduct During Official Meetings, which has been posted at the entrance of the Council Chambers. In an effort to preserve order, if any of the rules are not adhered to, the District Board Chairperson may have any disruptive speaker or attendee removed from the podium from the meeting and/or the building, if necessary. Please govern yourselves accordingly.

## **DISCUSSION AND DELIBERATION**

2. DISCUSSION AS IT RELATES TO THE EXECUTIVE DIRECTOR OF THE UTILITY SPECIAL DISTRICT.

## **DISCUSSION BY THE EXECUTIVE DIRECTOR OF THE UTILITY SPECIAL DISTRICT OR THE CITY MANAGER**

## **STATEMENTS BY THE DISTRICT BOARD**

## **ADJOURNMENT**

**CITY OF RIVIERA BEACH CITY COUNCIL**  
**AGENDA ITEM SUMMARY**

**Meeting Date:** 9/20/2017

**Agenda Category:**

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**Subject:** Adoption of the Fiscal Year 2017-2018 Annual Budget for the Utility Special District

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**Recommendation/Motion:** Staff recommends approval of the Resolution adopting the Fiscal Year 2017-2018 Annual Budget for the Utility Special District.

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<b>Originating Dept</b>	UTILITY SPECIAL DISTRICT	<b>Costs</b>	The FY2017/2018 Operating Budget will be \$26,673,179.
<b>User Dept.</b>	UTILITY SPECIAL DISTRICT	<b>Funding Source</b>	WATER UTILITY REVENUE, WATER METER CONNECTION FEE, HYDRANT RENTAL, SEWER UTILITY REVENUE, SEWER CONNECTION, INVESTMENT EARNINGS, MISC. REVENUES
<b>Advertised</b>	No	<b>Budget Account Number</b>	Various
<b>Date</b>			
<b>Paper</b>			
<b>Affected Parties</b>	Not Required		

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**Background/Summary:**

The Utility District Charter requires the adoption of an annual budget for Fiscal Year 2017-2018. This Resolution is adopted pursuant to the provisions of the District's Charter, Chapter 189, Florida Statutes, Chapter 166, Florida Statutes, and other applicable provisions of law. This Resolution adopts this Fiscal Year 2017-2018 Budget. The FY2017/2018 Operating Budget will be \$26,673,179. Under this budget, the employee compliment increases by three positions, a Property Maintenance Manager and two (2) Water Plant Operators.

**Fiscal Years**

**Capital Expenditures**

**Operating Costs**

**External Revenues**

**Program Income (city)**

**In-kind Match (city)**

**Net Fiscal Impact**  
**NO. Additional FTE Positions**  
**(cumulative)**

### **III. Review Comments**

A. Finance Department Comments:

B. Purchasing/Intergovernmental Relations/Grants Comments:

C. Department Director Review:

Contract Start Date

Contract End Date

Renewal Start Date

Renewal End Date

Number of 12 month terms this renewal

Dollar Amount

Contractor Company Name

Contractor Contact

Contractor Address

Contractor Phone Number

Contractor Email

Type of Contract

Describe

#### **ATTACHMENTS:**

<b>File Name</b>	<b>Description</b>	<b>Upload Date</b>	<b>Type</b>
Fiscal_Year_2017-2018.pdf	Fiscal Year 2017-2018 Budget Resolution	8/30/2017	Resolution
FY_2017_2018_USD_ANNUAL_BUDGET_- _UPDATED_SEP_13_2017.pdf	2017-2018 Annual Budget	9/13/2017	Backup Material

#### **REVIEWERS:**

<b>Department</b>	<b>Reviewer</b>	<b>Action</b>	<b>Date</b>
Utility	Perry, Troy	Approved	9/13/2017 - 12:39 PM
Purchasing	Little, Rickey	Approved	9/13/2017 - 4:19 PM
Finance	sherman, randy	Approved	9/14/2017 - 8:17 AM
Attorney	Degraffenreidt, Andrew	Approved	9/14/2017 - 9:27 AM
City Clerk	Robinson, Claudene	Approved	9/14/2017 - 4:28 PM
Finance	sherman, randy	Approved	9/14/2017 - 4:43 PM

City Manager

Evans, Jonathan

Approved

9/14/2017 - 7:53 PM

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE CITY OF RIVIERA BEACH UTILITY  
SPECIAL DISTRICT, PALM BEACH COUNTY,  
FLORIDA, ADOPTING THE FISCAL YEAR 2017-  
2018 BUDGET FOR THE UTILITY SPECIAL  
DISTRICT; AND PROVIDING AN EFFECTIVE  
DATE.**

**WHEREAS**, the City of Riviera Beach Utility District Board requires the adoption of its Fiscal Year 2017-2018 Annual Utility Budget; and

**WHEREAS**, staff recommends that the Utility Special District Board adopt the budget, as attached; and

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF  
DIRECTORS OF THE CITY OF RIVIERA BEACH UTILITY SPECIAL DISTRICT,  
PALM BEACH COUNTY, FLORIDA, AS FOLLOWS:**

**SECTION 1: AUTHORITY FOR RESOLUTION.** This Resolution is adopted pursuant to the provisions of the Utility Special District's Charter, Chapter 189, Florida Statutes, Chapter 166, Florida Statutes, and other applicable provisions of law. To the extent that any provision of this Resolution conflicts with the above applicable laws, the applicable laws, the applicable laws shall take percent.

**SECTION 2: ADOPTION OF UTILITY SPECIAL DISTRICT BUDGET.** The Utility Special District Board adopts its Fiscal Year 2017-2018 Annual Budget, as set forth on the attached budget and made a part of this Resolution. This budget includes the Operating Fund, Renewal and Replacement Fund, Capital Impact Fees, and Debt Service Fund.

**SECTION 3: EFFECTIVE DATE.** This Resolution shall become effective October 1, 2017.

**PASSED AND APPROVED this \_\_\_\_\_ of \_\_\_\_\_, 2017**

RESOLUTION NO. \_\_\_\_\_  
PAGE 2

APPROVED:

\_\_\_\_\_  
**KASHAMBA MILLER-ANDERSON**  
CHAIRPERSON

ATTEST:

\_\_\_\_\_  
**CLAUDENE L. ANTHONY**  
CERTIFIED MUNICIPAL CLERK  
DISTRICT CLERK

\_\_\_\_\_  
**TONYA DAVIS JOHNSON**  
CHAIR PRO-TEM

\_\_\_\_\_  
**LYNNE L. HUBBARD**  
BOARD MEMBER

\_\_\_\_\_  
**DAWN S. PARDO**  
BOARD MEMBER

\_\_\_\_\_  
**TERENCE D. DAVIS**  
BOARD MEMBER

MOTIONED BY:

SECONDED BY:

**K. MILLER-ANDERSON**

**T. DAVIS JOHNSON**

**L. HUBBARD**

**D. PARDO**

**T. DAVIS**

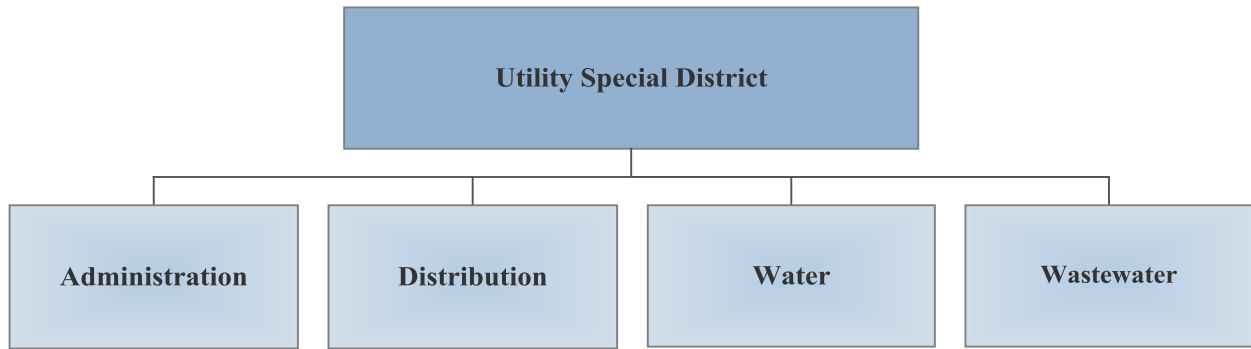
REVIEWED AS TO LEGAL SUFFICIENCY

ANDREW DEGRAFFENREIDT,  
BOARD ATTORNEY

DATE: \_\_\_\_\_







### Department Overview

The Utility Special District (USD) is responsible for producing and distributing safe drinking water and wastewater collection throughout its service area. USD owns, operates, and maintains water and wastewater facilities that serve the corporate limits of the City of Riviera Beach, the Town of Palm Beach Shores, a portion of the City of West Palm Beach, and unincorporated Palm Beach County comprising a service area of approximately eleven square miles.

USD's water facilities include raw water supply wells, a water treatment plant (WTP), distribution system, and storage and re-pumping facilities. The water system consists of an eastern wellfield comprising seventeen wells and a western wellfield comprising eleven wells, each of which is drilled into a surficial aquifer to provide raw water for the water system. The water system also comprises raw water distribution mains, water treatment facilities, treated water distribution mains, water storage facilities, and booster pumping facilities. USD supplies drinking water to a population of approximately 42,000. The water system consists of three treatment units with permitted capacity of 17.5 million gallons per day.

USD owns, operates and maintains wastewater facilities in generally the same service area as the water distribution system. The wastewater facilities include a gravity wastewater collection system, manholes, wastewater pumping stations, and wastewater transmission piping. USD's wastewater collection and transmission system comprises approximately the same service area as the water system, as a small percentage of customers currently do not have service from both the water and wastewater systems. Such customers, however, are expected to be serviced by both systems in the future. USD's wastewater and wastewater received from the Town of Mangonia Park are conveyed to the East Central Regional Water Reclamation Facility (ECRWRF) for treatment. The ECRWRF is operated by the City of West Palm Beach, Florida but owned by the City of West Palm Beach, the City of Lake Worth, the City of Riviera Beach, the Town of Palm Beach, and Palm Beach County. The City owns 8.0 MGD of wastewater treatment and disposal capacity in the ECRWRF. The District is currently uses approximately 5.0 MGD of wastewater treatment and disposal capacity, which is more than adequate to meet USD's needs.

### Mission

To provide residents and businesses in the City and service areas with reliable water and wastewater utility services in an efficient manner for the well-being of the community.

### Vision

To effectively meet the evolving regulatory requirements and ensure the highest quality water and wastewater needs are met for all customers of the Riviera Beach Utility Special District.

## Department Financial Overview

Category	FY 2016 Actual	FY 2017 Budget	FY 2018 Budget
Personnel	\$3,523,980	\$4,071,277	\$4,371,255
Operating	15,332,740	14,878,897	15,925,423
Capital	275,000	478,225	485,500
Transfers out	2,767,499	5,659,130	5,891,001
<b>Total Expenses</b>	<b>\$21,899,219</b>	<b>\$25,087,529</b>	<b>\$26,673,179</b>
<b>Full-Time Budgeted Employees</b>	52	56	59

## FY 2018 Objectives

- Schedule, implement, and perform ongoing repair and maintenance programs that improve the quality of the drinking water and ensure systems meet or exceed regulatory standards.
  - Develop a comprehensive water sampling plan for the collection and transportation of water samples to the lab to ensure proper sampling techniques.
  - Develop standard operating guidelines and schedules that identifies the actions performed during the service, maintenance and rehabilitation.
  - Construct a water treatment disinfection plant that improves the water disinfection process and increase water quality.
  - Develop and implement a quarterly preventive maintenance flushing program that cleans the waterlines and contributes to the improved quality and appearance of the drinking water.
  - Design and implement a preventive maintenance program that ensures the overall support and upkeep of the wastewater collection system.
  - Rehabilitate and overhaul of Lift Station #47 located at Haverhill Road that includes pump replacement, generators and other infrastructure improvements.
- Ensure that USD's employees are well trained and foster an environment for a diverse workforce to adequately manage and maintain the systems that provide quality drinking water and efficient and functioning wastewater systems.
  - Participation of operational staff in mandatory training to enhance their skills and allow for increased job knowledge and decision making in the performance of their duties, in their respective divisions and job classifications.
  - Ensure that Operators have a clear understanding and training on proper operation of lab testing equipment, chemical feed systems, and Supervisory Control and Data Acquisition (SCADA) control system.
  - Develop and implement an Operations and Maintenance plan for pumps and motors at the Water Treatment Plant for the Mechanics to adhere to.
  - Develop an electrical maintenance plan for electrical components including breakers, generators, lighting and electrical wiring systems for the Electricians to adhere to.

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# **CAPITAL IMPROVEMENT PLAN**

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## **USD PROJECTS**

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## USD PROJECTS BY FUNDING SOURCE

Fund No.	Source of Funding	Description	FY 2018 Amount
412	USD Renewal and Replacement	On an annual basis, USD's operating fund transfers 5% of its gross revenues for the preceding fiscal year to the Renewal and Replacement fund to pay for the costs of the repair, renewal or replacement of capital assets of the water and wastewater system. The amount transferred from the Operating fund to the Renewal and Replacement fund may change from time to time.	2,976,200
413	USD Impact Fees	USD charges impact fees for new development for the purpose of providing new or expanded water and wastewater system to serve that new development.	4,169,900
415	USD Revenue Bond Proceeds	In 2016, USD issued Water and Sewer Revenue Bonds, Series 2016 to finance the costs of acquiring, constructing, and equipping improvements and upgrades to the combined water supply, treatment and distribution system and wastewater collection system.	17,802,728
<b>Total Funding Sources</b>			<b>\$24,948,828</b>

## USD PROJECTS

Project Title	Asset Category	Priority	FY 2018	5-Year Total
<b>Utility Special District</b>				
Aerial Crossing Rehabilitation	Equipment	1	1,000,000	1,048,605
Lift Station #10 & 50 Rehabilitation	Water & Wastewater System	1	1,626,900	1,857,662
Lift Station #47 Rehabilitation	Water & Wastewater System	1	400,000	4,717,000
Lime System Replacement	Water & Wastewater System	1	2,240,926	3,894,876
Parallel Intracoastal Water Main	Water & Wastewater System	1	-	3,193,000
Raw Water Wells Rehabilitation	Water & Wastewater System	1	175,000	608,617
SCADA Replacement	Technology	1	40,000	40,000
Water and Wastewater Improvements	Water & Wastewater System	1	8,000,000	8,000,000
Underground Contractor On-Call	Water & Wastewater System	1	200,000	781,000
Water Meters	Water & Wastewater System	1	625,000	3,750,000
Water Storage Tank Inspection	Water & Wastewater System	1	-	81,750
Water Treatment Plant Disinfection	Water & Wastewater System	1	2,043,657	4,566,284
Aqueous Ammonia System	Water & Wastewater System	2	50,000	513,500
Avenue U Pump Disinfection	Water & Wastewater System	2	200,000	200,000
Haverhill Road Improvement	Water & Wastewater System	2	50,000	550,000
Lift Station Rehabilitation - Phase 1	Water & Wastewater System	2	500,000	2,015,000
Media and Underdrain Replacement	Water & Wastewater System	2	618,000	2,472,000
Raw Water Wells A & B	Water & Wastewater System	2	-	2,260,000
Sanitary Sewer System Relining	Water & Wastewater System	2	100,000	713,000
Silver Beach Road Improvement	Water & Wastewater System	2	200,000	200,000
Utility Infrastructure in NSA	Water & Wastewater System	2	135,700	678,500
Water Treatment Plant Generators	Equipment	2	100,000	2,121,000
Fire Hydrant Replacement	Water & Wastewater System	3	-	260,500
Garden Road Improvement	Water & Wastewater System	3	138,985	138,985
Ground Water Sanitary Survey	Water & Wastewater System	3	100,500	100,500
Lift Station #48 Culvert	Water & Wastewater System	3	50,000	50,000
Lift Station Pump Replacement	Water & Wastewater System	3	365,000	365,000
Lift Station Rehabilitation - Phase 2	Water & Wastewater System	3	500,000	2,180,000
North Tower Building Replacement	City Facility	3	1,000,000	1,000,000
Parallel Intracoastal Force Main	Water & Wastewater System	3	-	7,130,000
Perimeter Wall - WTP	City Facility	3	505,000	1,505,000
Softening Units Replacement	Water & Wastewater System	3	3,253,000	3,253,000
Utility Field Operations Building	City Facility	3	100,000	1,133,000
Water Mains - Palm Beach Shores	Water & Wastewater System	3	131,160	1,103,290
Facility Enhancement	City Facility	3	500,000	500,000
<b>Total USD</b>			<b>\$24,948,828</b>	<b>\$62,981,069</b>





# **USD PROJECTS**

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## **PROJECT PROFILES**

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Aerial Crossing Rehabilitation																																											
<div>Type: Infrastructure</div> <div>Project #: 41087</div> <div>A/C #: 412-1417-536-0-6301</div> <div>Location: City-wide</div> <div>Goal(s) Achieved:</div> <div></div> <div>Department: Utility Special District</div> <div>Project Status: Under Design</div> <div>Project Rank: Severe</div> <div>Project Year: FY2018</div>	<div>Project Description</div> <p>A comprehensive technical document prepared by the USD consulting engineer which evaluated and assessed the aerial pipe crossing throughout USD service area. Aerial pipe crossings are part of the water distribution and wastewater collection systems. Aerial crossings will be inspected, refurbished and painted as part of the rehabilitation.</p> <div></div> <div>Project Funding</div> <table><tr><th>Fiscal Year</th><th>Renewal &amp; Replacement</th><th>Total</th></tr><tr><td>In Progress</td><td>48,605</td><td>48,605</td></tr><tr><td>2018</td><td>1,000,000</td><td>1,000,000</td></tr><tr><td>2019</td><td></td><td></td></tr><tr><td>2020</td><td></td><td></td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$1,048,605</td><td>\$1,048,605</td></tr></table> <div>Operating Budget Impact</div> <table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table>	Fiscal Year	Renewal & Replacement	Total	In Progress	48,605	48,605	2018	1,000,000	1,000,000	2019			2020			2021			2022			Total	\$1,048,605	\$1,048,605	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Operating																																											
Other																																											
Total																																											

## Lift Station # 10 and 50 Rehabilitation

**Type:**  
Infrastructure

**Project #:** 41096

**A/C #:**  
413-1438-535-0-6301

**Location:**  
Lift Station 10 and 50

**Goal(s) Achieved:**



**Department:**  
Utility Special District

**Project Status:**  
In Progress

**Project Rank:** 1  
**Severe**

**Project Year:**  
FY2018

### Project Description

Rehabilitation and replacement of Lift Stations # 10 and 50.



### Project Funding

Fiscal Year	Impact Fees	Total
In Progress	230,762	230,762
2018	1,626,900	1,626,900
2019		
2020		
2021		
2022		
<b>Total</b>	<b>\$1,857,662</b>	<b>\$1,857,662</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			

## Lift Station #47 Rehabilitation

**Type:**  
Infrastructure

**Project #:** 41212

**A/C #:**  
415-1438-535-0-6307

**Location:**  
Haverhill Road

**Goal(s) Achieved:**



**Department:**  
Utility Special District

**Project Status:**  
Design Pending

**Project Rank:** 1  
**Severe**

**Project Year:**  
FY2018

### Project Description

USD's main Lift Station #47 is in need of a major overhaul, which includes equipment, design and construction work to complete the overhaul.



### Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	400,000	400,000
2019	4,317,000	4,317,000
2020		
2021		
2022		
<b>Total</b>	<b>\$4,717,000</b>	<b>\$4,717,000</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			

## Lime System Replacement

**Type:**  
Infrastructure

**Project #:** 41213

**A/C #:**  
415-1437-533-0-6302

**Location:**  
Water Treatment Plant

**Goal(s) Achieved:**



**Department:**  
Utility Special District

**Project Status:**  
Design Pending

**Project Rank:** 1  
**Severe**

**Project Year:**  
FY2018

### Project Description

The Water and underground Master Plan has identified the need of replacing the lime slakers, lime silo components and the lime slurry system of the water treatment process.



### Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	2,240,926	2,240,926
2019	1,653,950	1,653,950
2020		
2021		
2022		
<b>Total</b>	<b>\$3,894,876</b>	<b>\$3,894,876</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			



## Parallel Intracoastal Water Main

**Type:**  
Infrastructure

**Project #:** 41230

**A/C #:**  
415-1417-536-0-6309

**Location:**

**Goal(s) Achieved:**



**Department:**  
Utility Special District

**Project Status:**  
Pending design work

**Project Rank:** 1  
Severe

**Project Year:**  
FY2018

### Project Description

The Water and Wastewater Master Plan has identified the need of a parallel subaqueous water main between Singer Island and the mainland.





### Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018		
2019	300,000	300,000
2020	2,893,000	2,893,000
2021		
2022		
<b>Total</b>	<b>\$3,193,000</b>	<b>\$3,193,000</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			

Raw Water Wells Rehabilitation																																											
<div>Type: Infrastructure</div> <div>Project #: 41099</div> <div>A/C #: 413-1437-533-0-6304</div> <div>Location: City-wide</div> <div>Goal(s) Achieved:</div> <div></div> <div>Department: Utility Special District</div> <div>Project Status: On-going</div> <div>Project Rank: 1 High</div> <div>Project Year: FY2018</div>	<div>Project Description</div> <div>Rehabilitation of USD’s raw water wells is required in order to maintain and improve increased water production and efficiency. These repairs are substantial due to the potential loss of the western well fields (SFWMD wetland impact pumping restrictions). This project is recurring, multi-year rehabilitation of the 27 raw water wells.</div> <div></div> <div>Project Funding</div> <table><tr><th>Fiscal Year</th><th>Impact Fees</th><th>Total</th></tr><tr><td>In Progress</td><td>\$33,617</td><td>\$33,617</td></tr><tr><td>2018</td><td>175,000</td><td>175,000</td></tr><tr><td>2019</td><td>100,000</td><td>100,000</td></tr><tr><td>2020</td><td>100,000</td><td>100,000</td></tr><tr><td>2021</td><td>100,000</td><td>100,000</td></tr><tr><td>2022</td><td>100,000</td><td>100,000</td></tr><tr><td>Total</td><td>\$608,617</td><td>\$608,617</td></tr></table> <div>Operating Budget Impact</div> <table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table>	Fiscal Year	Impact Fees	Total	In Progress	\$33,617	\$33,617	2018	175,000	175,000	2019	100,000	100,000	2020	100,000	100,000	2021	100,000	100,000	2022	100,000	100,000	Total	\$608,617	\$608,617	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
	Fiscal Year	Impact Fees	Total																																								
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Operating																																											
Other																																											
Total																																											



## Supervisory Control and Data Acquisition (SCADA) Replacement

**Type:**  
Technology

**Project #:** 41229

**A/C #:**  
415-1417-536-0-6308

**Location:**  
West Blue Heron Blvd.

**Goal(s) Achieved:**



**Department:**  
Utility Special District

**Project Status:**  
IT Staff review

**Project Rank:** 1  
**Severe**

**Project Year:**  
FY2018

### Project Description

USD's two SCADA systems are approximately 15 years old and function on old technology resulting in unavailability of parts. The City's IT Department, in conjunction with USD, will seek to conduct an assessment of the systems and facilities to determine needs of USD and ensure compatibility with the City's Master Plan.



### Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	40,000	40,000
2019		
2020		
2021		
2022		
<b>Total</b>	<b>\$40,000</b>	<b>\$40,000</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			

## Water and Wastewater Improvements

**Type:**  
Infrastructure

**Project #:** 41211

**A/C #:**  
415-1417-536-0-6306

**Location:**  
City-wide

**Goal(s) Achieved:**



**Department:**  
Utility Special District

**Project Status:**  
In design

**Project Rank:** 1  
**Severe**

**Project Year:**  
FY2018

### Project Description

In conjunction with the City's Street and Sidewalk infrastructure improvements, USD will replace the antiquated water and wastewater infrastructure



### Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	8,000,000	\$8,000,000
2019		
2020		
2021		
2022		
<b>Total</b>	<b>\$8,000,000</b>	<b>\$8,000,000</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			

## Underground Contractor On-Call

**Type:**  
Infrastructure

**Project #:** 41090

**A/C #:**  
412-1417-536-0-3101

**Location:**  
City-wide

**Goal(s) Achieved:**



**Department:**  
Utility Special District

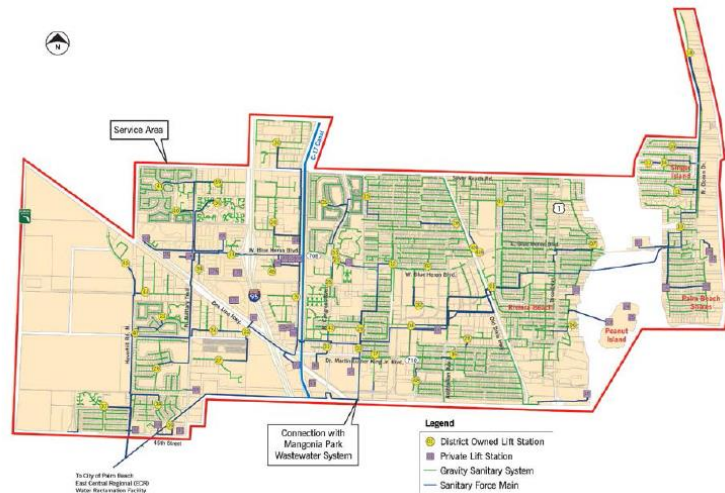
**Project Status:**  
On-going

**Project Rank:** 1  
**Severe**

**Project Year:**  
FY2018

### Project Description

USD has a contract with an on-call underground contractor to assist in emergency repairs and large scale repair projects.





### Project Funding

Fiscal Year	Renewal & Replacement	Total
In Progress		
2018	200,000	200,000
2019	100,000	100,000
2020	281,000	281,000
2021	100,000	100,000
2022	100,000	100,000
<b>Total</b>	<b>\$781,000</b>	<b>\$781,000</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			

Water Meters		Project Description	
<p><b>Type:</b> Infrastructure</p> <p><b>Project #:</b> 41091</p> <p><b>A/C #:</b> 412-1430-533-0-6401</p> <p><b>Location:</b> City-wide</p> <p><b>Goal(s) Achieved:</b></p> <div></div> <p><b>Department:</b> Utility Special District</p> <p><b>Project Status:</b> On-going as needed</p> <p><b>Project Rank:</b> 1 Severe</p> <p><b>Project Year:</b> FY2018</p>		<p>Advanced metering infrastructure is comprised of state of the art electronic/digital hardware and software which combine interval data measurement with continuously available remote communications which will enable measurement of detailed, time-based information and frequent collection and transmittal of information to various parties.</p> <div></div>	
Project Funding			
Fiscal Year	Replacement & Renewal	Total	
In Progress	625,000	625,000	
2018	625,000	625,000	
2019	625,000	625,000	
2020	625,000	625,000	
2021	625,000	625,000	
2022	625,000	625,000	
Total	\$3,750,000	\$3,750,000	
Operating Budget Impact			
Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

## Water Storage Tank Inspection

**Type:** Infrastructure

**Project #:** 41094

**A/C #:**  
412-1437-533-0-3102

**Location:**  
City-wide

**Goal(s) Achieved:**



**Department:**  
Utility Special District

**Project Status:**  
Inspections required

**Project Rank:** 1  
**Severe**

**Project Year:**  
FY2018

### Project Description

The Water and Wastewater Master Plan identified various water treatment improvements. Water storage tank inspections are required every five years.



### Project Funding

Fiscal Year	Renewal & Replacement	Total
In Progress		
2018		
2019	50,000	50,000
2020	31,750	31,750
2021		
2022		
<b>Total</b>	<b>\$81,750</b>	<b>\$81,750</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			



## Water Treatment Plant Disinfection

**Type:**  
Infrastructure

**Project #:** 41206

**A/C #:**  
412-1437-533-0-6301  
415-1437-533-0-6301  
416-1437-533-0-6301

**Location:**  
Water Treatment Plant

**Goal(s) Achieved:**



**Department:**  
Utility Special District

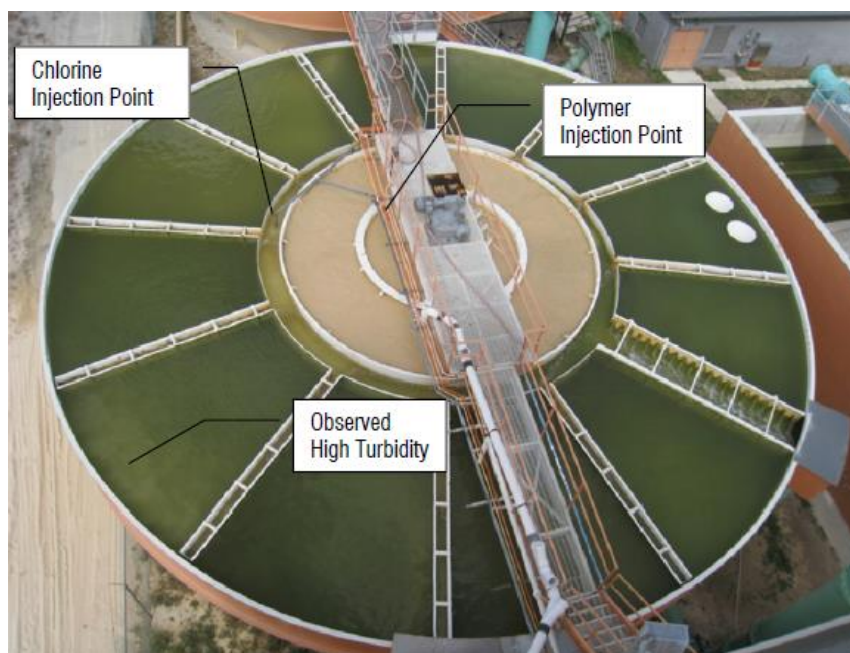
**Project Status:**  
Design work completed /  
Bid selection

**Project Rank:** 1  
**Severe**

**Project Year:**  
FY2018

### Project Description

The Water Treatment Plant (WTP) currently uses chlorine gas as a disinfectant. USD's Board decided that sodium hypochlorite (bleach) is the preferred disinfectant for the WTP operation. This project will include the construction of a new disinfectant storage facility. Phase 2 will include full scale testing of USD's water system. Phase 3 include the selection of a vendor to supply disinfectant.



### Project Funding

Fiscal Year	Renewal & Replacement	Capital Bonds	DEP Grant	Total
In Progress		366,284		366,284
2018		2,043,657		2,043,657
2019		862,438	500,000	1,362,438
2020	793,905			793,905
2021				
2022				
Total	\$793,905	\$3,272,379	\$500,000	\$4,566,284

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			

## Aqueous Ammonia System

**Type:**  
Infrastructure

**Project #:** 41216

**A/C #:**  
415-1437-533-0-6310

**Location:**  
City-wide

**Goal(s) Achieved:**



**Department:**  
Utility Special District

**Project Status:**  
On-going process

**Project Rank:** 2  
**High**

**Project Year:**  
FY2018

### Project Description

The Water and Wastewater Master Plan, completed in February 2013, identified various water treatment improvements. These rehabilitations/improvements have been prioritized and will be implemented in multi-year capital projects.



### Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	50,000	50,000
2019	463,500	463,500
2020		
2021		
2022		
<b>Total</b>	<b>\$513,500</b>	<b>\$513,500</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			

## Avenue U Pump Disinfection

**Type:**  
Infrastructure

**Project #:** 41098

**A/C #:**  
413-1437-533-0-6302

**Location:**  
Avenue U

**Goal(s) Achieved:**



**Department:**  
Utility Special District

**Project Status:**  
Design & permits approved  
Work scheduled

**Project Rank:** 2  
**High**

**Project Year:**  
FY2018

### Project Description

USD is providing secondary disinfection at the Avenue U pump station, in order to maintain required total chlorine residual in service area and to comply with drinking water regulations.



### Project Funding

Fiscal Year	Impact Fees	Total
In Progress		
2018	200,000	200,000
2019		
2020		
2021		
2022		
<b>Total</b>	<b>\$200,000</b>	<b>\$200,000</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			



## Haverhill Road Improvement

**Type:**  
Infrastructure

**Project #:** 41088

**A/C #:**  
412-1417-536-0-6302

**Location:**  
Haverhill Road

**Goal(s) Achieved:**



**Department:**  
Utility Special District

**Project Status:**  
Palm Beach County project

**Project Rank:** 2  
**High**

**Project Year:**  
FY2018

### Project Description

Palm Beach County is improving and widening Haverhill Road from north of Caribbean Blvd to the Beeline Hwy. The proposed improvements include a large widening portion that may impact the location of existing water and sewer infrastructure. USD is required to accommodate the road improvements and relocate conflicting infrastructure.





### Project Funding

Fiscal Year	Renewal & Replacement	Total
In Progress		
2018	50,000	50,000
2019		
2020		
2021	500,000	500,000
2022		
<b>Total</b>	<b>\$550,000</b>	<b>\$550,000</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			


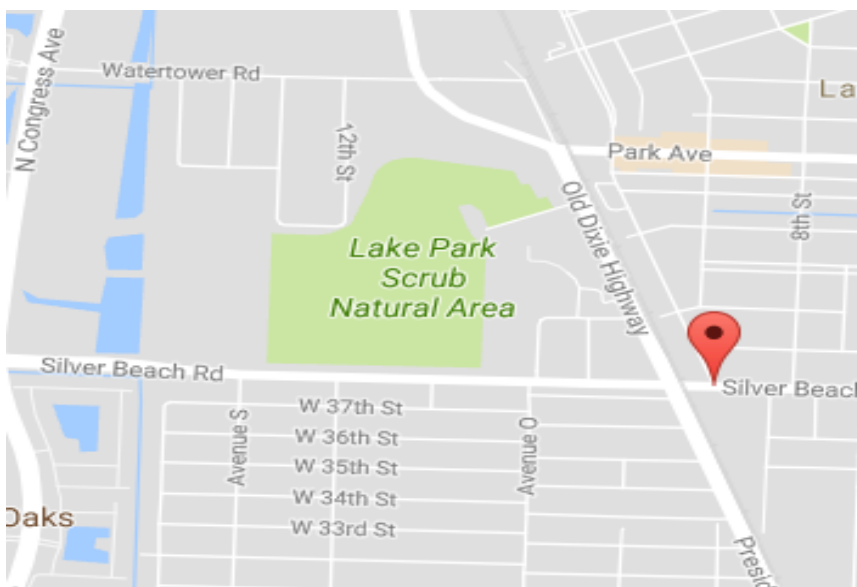
Lift Station Rehabilitation – Phase 1																																											
<div><div>Type: Infrastructure</div><div>Project #: 41215</div><div>A/C #: 415-1438-535-0-6309</div><div>Location:</div><div>Goal(s) Achieved:</div><div></div><div>Department: Utility Special District</div><div>Project Status: On-going process</div><div>Project Rank: High</div><div>Project Year: FY2018</div></div>	<div><div>Project Description</div><div>The Water and Wastewater Master Plan, has identified various lift station rehabilitations and improvements.</div><div></div><div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Capital Bonds</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>500,000</td><td>500,000</td></tr><tr><td>2019</td><td>500,000</td><td>500,000</td></tr><tr><td>2020</td><td>500,000</td><td>500,000</td></tr><tr><td>2021</td><td>515,000</td><td>515,000</td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$2,015,000</td><td>\$2,015,000</td></tr></table></div><div><div>Operating Budget Impact</div><table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div></div>	Fiscal Year	Capital Bonds	Total	In Progress			2018	500,000	500,000	2019	500,000	500,000	2020	500,000	500,000	2021	515,000	515,000	2022			Total	\$2,015,000	\$2,015,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
	Fiscal Year	Capital Bonds	Total																																								
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Operating																																											
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Total																																											



Media and Underdrain Replacement			
<div>Type: Infrastructure</div> <div>Project #: 41205</div> <div>A/C #: 413-1437-533-0-6401</div> <div>Location:</div> <div>Goal(s) Achieved:</div> <div></div> <div>Department: Utility Special District</div> <div>Project Status: On-going process</div> <div>Project Rank: High</div> <div>Project Year: FY2018</div>	Project Description		
	Replacement of media and underdrain filters 1 – 8.		
			
	Project Funding		
	Fiscal Year	Impact Fees	Total
	In Progress		
	2018	618,000	618,000
	2019	618,000	618,000
	2020	618,000	618,000
	2021	618,000	618,000
2022			
Total	\$2,472,000	\$2,472,000	
Operating Budget Impact			
Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
Total			


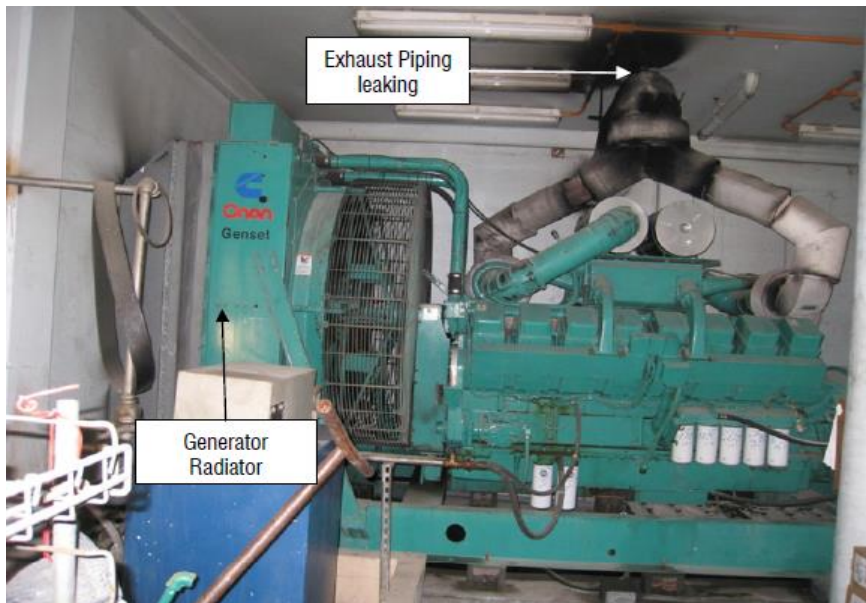
Raw Water Wells A and B				
<div><div>Type: Infrastructure</div><div>Project #: 41227</div><div>A/C #: 415-1437-533-0-6307</div><div>Location: City-wide</div><div>Goal(s) Achieved:</div><div></div><div>Department: Utility Special District</div><div>Project Status: Pending design work</div><div>Project Rank: 2 High</div><div>Project Year: FY2018</div></div>	Project Description			
	<p>Pursuant to the issuance of the Consumption Use Permit by the South Florida Water Management District (SFWMD) in February 2012, USD is required to design and construct two raw water wells.</p>			
				
	Project Funding			
	Fiscal Year		Capital Bonds	Total
In Progress				
2018				
2019		260,000	260,000	
2020		2,000,000	2,000,000	
2021				
2022				
Total		\$2,260,000	\$2,260,000	
Operating Budget Impact				
Type	Description	Amount	Impact Year	
Personnel	Personnel hours and materials required.			
Operating				
Other				
Total				

Sanitary Sewer System Relining																																																														
<div>Type: Infrastructure</div> <div>Project #: 41209</div> <div>A/C #: 415-1438-535-0-6304 413-1438-535-0-6304</div> <div>Location: City-wide</div> <div>Goal(s) Achieved:</div> <div></div> <div>Department: Utility Special District</div> <div>Project Status: On-going process</div> <div>Project Rank: 2 High</div> <div>Project Year: FY2018</div>	<div>Project Description</div> <div>Inflow and infiltration into the sanitary sewer system can cause dips in the roadways and additional flow charges to the ECR. Repair of the sanitary sewer gravity mains is required prior to the repair of street surfaces.</div> <div><div>Before</div><div>After</div></div> <div><table><tr><th colspan="4">Project Funding</th></tr><tr><th>Fiscal Year</th><th>Capital Bonds</th><th>Impact Fees</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td><td></td></tr><tr><td>2018</td><td>100,000</td><td></td><td>100,000</td></tr><tr><td>2019</td><td>122,000</td><td></td><td>122,000</td></tr><tr><td>2020</td><td></td><td>491,000</td><td>491,000</td></tr><tr><td>2021</td><td></td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td><td></td></tr><tr><td>Total</td><td>\$222,000</td><td>\$491,000</td><td>\$713,000</td></tr></table><div><table><tr><th colspan="4">Operating Budget Impact</th></tr><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div></div>				Project Funding				Fiscal Year	Capital Bonds	Impact Fees	Total	In Progress				2018	100,000		100,000	2019	122,000		122,000	2020		491,000	491,000	2021				2022				Total	\$222,000	\$491,000	\$713,000	Operating Budget Impact				Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Total																																																														







Silver Beach Road Improvement																																														
<div>Type: Infrastructure</div> <div>Project #: 41208</div> <div>A/C #: 415-1417-536-0-6303</div> <div>Location: Silver Beach Road</div> <div>Goals(s) Achieved:</div> <div></div> <div>Department: Utility Special District</div> <div>Project Status: Palm Beach County project</div> <div>Project Rank: 2 High</div> <div>Project Year: FY2018</div>	<div>Project Description</div> <p>Palm Beach County is improving and widening Silver Beach Road from Old Dixie Highway to Congress Avenue which will include widening a portion that will have an impact on the location of existing water mains. USD is required to accommodate the road improvements and relocate existing water mains.</p> <div></div> <div>Project Funding</div> <table><tr><th>Fiscal Year</th><th>Capital Bonds</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>200,000</td><td>200,000</td></tr><tr><td>2019</td><td></td><td></td></tr><tr><td>2020</td><td></td><td></td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$200,000</td><td>\$200,000</td></tr></table> <div>Operating Budget Impact</div> <table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table>				Fiscal Year	Capital Bonds	Total	In Progress			2018	200,000	200,000	2019			2020			2021			2022			Total	\$200,000	\$200,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Personnel	Personnel hours and materials required.																																													
Operating																																														
Other																																														
Total																																														

Utility Infrastructure in NW Strategy Area (NSA)																																											
<div>Type: Infrastructure</div> <div>Project #: 41089</div> <div>A/C #: 412-1437-533-0-6303</div> <div>Location: Northwest Neighborhood</div> <div>Goal(s) Achieved:</div> <div></div> <div>Department: Utility Special District</div> <div>Project Status: Designed</div> <div>Project Rank: 2 High</div> <div>Project Year: FY 2018</div>	<div>Project Description</div> <div>The replacement of utility infrastructure is needed as outlined in the Northwest Strategy Area (NSA) Master Plan.</div> <div></div> <div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Renewal &amp; Replacement</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>135,700</td><td>135,700</td></tr><tr><td>2019</td><td>135,700</td><td>135,700</td></tr><tr><td>2020</td><td>135,700</td><td>135,700</td></tr><tr><td>2021</td><td>135,700</td><td>135,700</td></tr><tr><td>2022</td><td>135,700</td><td>135,700</td></tr><tr><td>Total</td><td>\$678,500</td><td>\$678,500</td></tr></table></div> <div><div>Operating Budget Impact</div><table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div>	Fiscal Year	Renewal & Replacement	Total	In Progress			2018	135,700	135,700	2019	135,700	135,700	2020	135,700	135,700	2021	135,700	135,700	2022	135,700	135,700	Total	\$678,500	\$678,500	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
	Fiscal Year	Renewal & Replacement	Total																																								
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	2020	135,700	135,700																																								
	2021	135,700	135,700																																								
	2022	135,700	135,700																																								
	Total	\$678,500	\$678,500																																								
	Type	Description	Amount	Impact Year																																							
Personnel	Personnel hours and materials required.																																										
Operating																																											
Other																																											
Total																																											

Water Treatment Plant Generators																																																			
<div>Type: Equipment</div> <div>Project #: 41224</div> <div>A/C #: 415-1437-533-0-6305 413-1434-533-0-6305</div> <div>Location: Water Treatment Plant</div> <div>Goal(s) Achieved:</div> <div></div> <div>Department: Utility Special District</div> <div>Project Status: Working with engineers</div> <div>Project Rank: High</div> <div>Project Year: FY2018</div>	<div>Project Description</div> <p>The Water Treatment Plant currently has two large generators over 20 years old. Generators provide an alternate power source to keep the plant operational during severe weather conditions and power outages, therefore, it is critical to replace the generators and are approaching the end of usefulness life.</p> <div></div> <div>Project Funding</div> <table><tr><th>Fiscal Year</th><th>Capital Bonds</th><th>Impact Fees</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td><td></td></tr><tr><td>2018</td><td>100,000</td><td></td><td>100,000</td></tr><tr><td>2019</td><td>1,021,000</td><td></td><td>1,021,000</td></tr><tr><td>2020</td><td></td><td>1,000,000</td><td>1,000,000</td></tr><tr><td>2021</td><td></td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td><td></td></tr><tr><td>Total</td><td>\$1,121,000</td><td>\$1,000,000</td><td>\$2,121,000</td></tr></table> <div>Operating Budget Impact</div> <table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table>	Fiscal Year	Capital Bonds	Impact Fees	Total	In Progress				2018	100,000		100,000	2019	1,021,000		1,021,000	2020		1,000,000	1,000,000	2021				2022				Total	\$1,121,000	\$1,000,000	\$2,121,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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2020		1,000,000	1,000,000																																																
2021																																																			
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Total	\$1,121,000	\$1,000,000	\$2,121,000																																																
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Personnel	Personnel hours and materials required.																																																		
Operating																																																			
Other																																																			
Total																																																			



Fire Hydrant Replacement																											
<div><div>Type: Infrastructure</div><div>Project #: 41092</div><div>A/C #: 412-1430-533-0-6402</div><div>Location: City-wide</div><div>Goal(s) Achieved:</div><div></div><div>Department: Utility Special District</div><div>Project Status: On-going process</div><div>Project Rank: 3</div><div>Low</div><div>Project Year: FY2018</div></div>	<div><div>Project Description</div><div>There are approximately 1,100 fire hydrants in the USD water distribution system. USD employees will be used for the replacement of the hydrants.</div><div></div></div>																										
	<div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Renewal &amp; Replacement</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td></td><td></td></tr><tr><td>2019</td><td>260,500</td><td>260,500</td></tr><tr><td>2020</td><td></td><td></td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$260,500</td><td>\$260,500</td></tr></table></div>			Fiscal Year	Renewal & Replacement	Total	In Progress			2018			2019	260,500	260,500	2020			2021			2022			Total	\$260,500	\$260,500
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Type	Description	Amount	Impact Year																								
Personnel	Personnel hours and materials required.																										
Operating																											
Other																											
Total																											

Garden Road Improvement																																													
<div>Type: Infrastructure</div> <div>Project #: 41207</div> <div>A/C #: 415-1417-536-0-6302</div> <div>Location: Garden Road</div> <div>Goal(s) Achieved:</div> <div></div> <div>Department: Utility Special District</div> <div>Project Status: In progress</div> <div>Project Rank: 3 Low</div> <div>Project Year: FY2018</div>	<div>Project Description</div> <p>Palm Beach County is improving and widening Garden Road south of W. Blue Heron Blvd. The proposed improvements include the widening of a bridge that will impact the existing water main and sanitary sewer force mains. USD is required to accommodate the road improvements and will have to relocate existing water main and sanitary sewer force mains. USD's portion of the project is currently under design.</p> <div></div> <div>Project Funding</div> <table><tr><th>Fiscal Year</th><th>Capital Bonds</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>138,982</td><td>138,985</td></tr><tr><td>2019</td><td></td><td></td></tr><tr><td>2020</td><td></td><td></td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$138,985</td><td>\$138,985</td></tr></table> <div>Operating Budget Impact</div> <table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table>			Fiscal Year	Capital Bonds	Total	In Progress			2018	138,982	138,985	2019			2020			2021			2022			Total	\$138,985	\$138,985	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Personnel	Personnel hours and materials required.																																												
Operating																																													
Other																																													
Total																																													

## Ground Water Rule (GWR) Sanitary Survey

**Type:**  
Infrastructure

**Project #:** 41095

**A/C #:**  
412-1437-533-0-3103

**Location:**  
City-wide

**Goal(s) Achieved:**



**Department:**  
Utility Special District

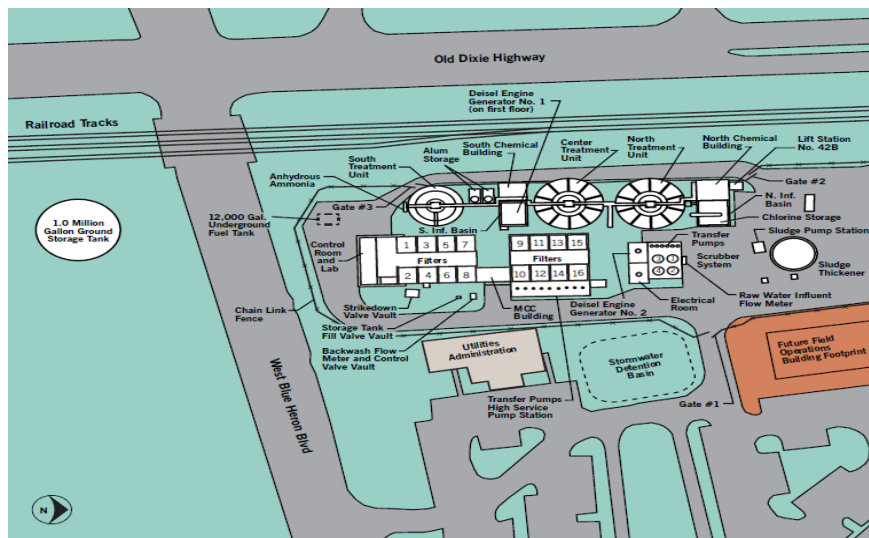
**Project Status:**  
In progress

**Project Rank:** 3  
**Low**

**Project Year:**  
FY2018

### Project Description

The Water and Wastewater Plan identified various water treatment rehabilitations and improvements.








### Project Funding

Fiscal Year	Renewal & Replacement	Total
In Progress		
2018	100,500	100,500
2019		
2020		
2021		
2022		
<b>Total</b>	<b>\$100,500</b>	<b>\$100,500</b>




### Operating Budget Impact




Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			


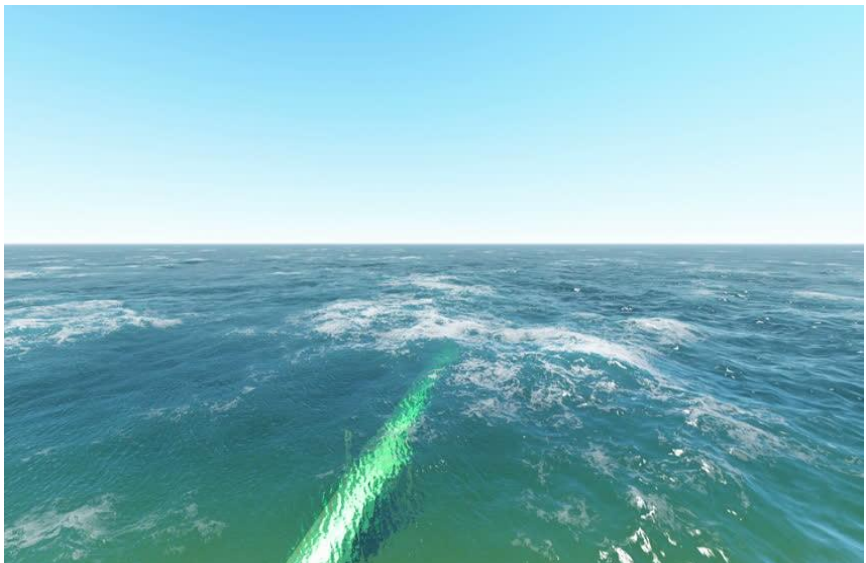
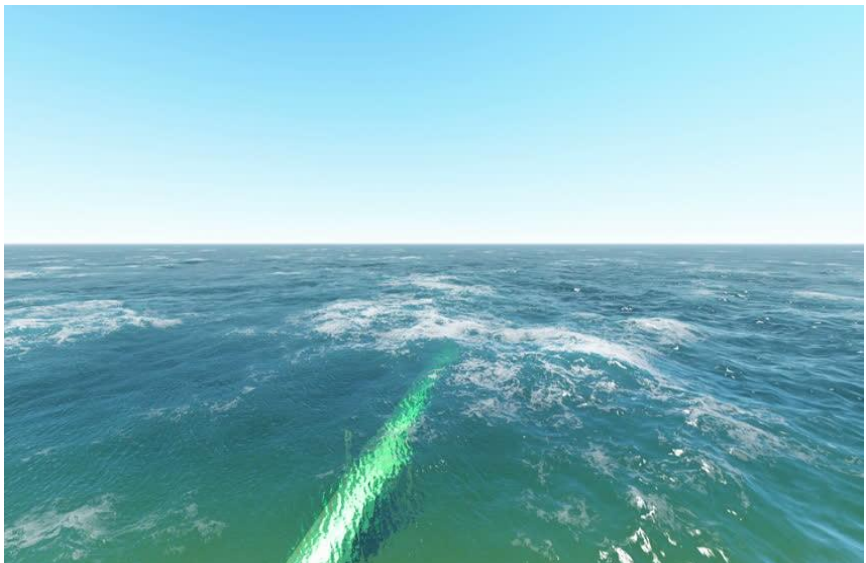
Lift Station #48 Culvert																																											
<div>Type: Infrastructure</div> <div>Project #: 41200</div> <div>A/C #: 413-1438-535-0-6301</div> <div>Location: West 6<sup>th</sup> Street/Avenue P</div> <div>Goal(s) Achieved:</div> <div></div> <div>Department: Utility Special District</div> <div>Project Status: Pending</div> <div>Project Rank: 3 Low</div> <div>Project Year: FY2018</div>	<div>Project Description</div> <p>Access to USD Lift Station #48 is through a north/south canal easement at the west end of 6<sup>th</sup> St. behind Glenwood Cemetery. The easement is narrow and difficult to maneuver large vacuum trucks in event of emergency. New access to culvert will vastly improve access to Lift Station #48.</p> <div></div> <div>Project Funding</div> <table><tr><th>Fiscal Year</th><th>Impact Fees</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>50,000</td><td>50,000</td></tr><tr><td>2019</td><td></td><td></td></tr><tr><td>2020</td><td></td><td></td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$50,000</td><td>\$50,000</td></tr></table> <div>Operating Budget Impact</div> <table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table>	Fiscal Year	Impact Fees	Total	In Progress			2018	50,000	50,000	2019			2020			2021			2022			Total	\$50,000	\$50,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Personnel	Personnel hours and materials required.																																										
Operating																																											
Other																																											
Total																																											

Lift Station Pump Replacement																																													
<div><div><div>Type:</div><div>Infrastructure</div></div><div><div>Project #:</div><div>41093</div></div><div><div>A/C #:</div><div>412-1438-533-0-6304</div></div><div><div>Location:</div><div>City-wide</div></div><div><div>Goal(s) Achieved:</div><div></div></div><div><div></div></div><div><div>Department:</div><div>Utility Special District</div></div><div><div>Project Status:</div><div>On-going process</div></div><div><div>Project Rank:</div><div>3</div></div><div><div>Low</div></div><div><div>Project Year:</div><div>FY2018</div></div></div> <td><div><div>Project Description</div><div>USD has 50 sewage lift stations within its wastewater collection system. The lift station pump endures very harsh conditions and need to be serviced regularly and are replaced as needed.</div><div></div></div></td> <td><div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Renewal &amp; Replacement</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>365,000</td><td>365,000</td></tr><tr><td>2019</td><td></td><td></td></tr><tr><td>2020</td><td></td><td></td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$365,000</td><td>\$365,000</td></tr></table></div></td> <td><div><div>Operating Budget Impact</div><table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div></td>	<div><div>Project Description</div><div>USD has 50 sewage lift stations within its wastewater collection system. The lift station pump endures very harsh conditions and need to be serviced regularly and are replaced as needed.</div><div></div></div>	<div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Renewal &amp; Replacement</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>365,000</td><td>365,000</td></tr><tr><td>2019</td><td></td><td></td></tr><tr><td>2020</td><td></td><td></td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$365,000</td><td>\$365,000</td></tr></table></div>	Fiscal Year	Renewal & Replacement	Total	In Progress			2018	365,000	365,000	2019			2020			2021			2022			Total	\$365,000	\$365,000	<div><div>Operating Budget Impact</div><table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div>	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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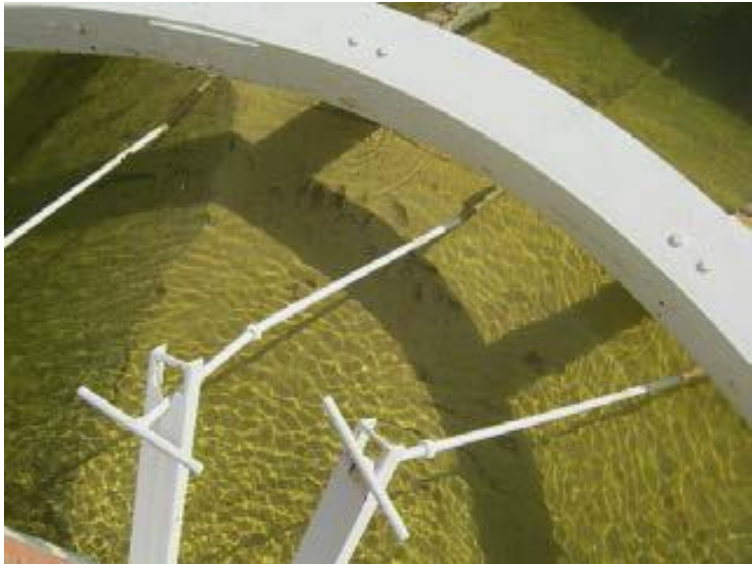
Lift Station Rehabilitation – Phase 2																																													
<div><div>Type: Infrastructure</div><div>Project #: 41231</div><div>A/C #: 412-1438-535-0-6305</div><div>Location:</div><div>Goal(s) Achieved:</div><div></div><div>Department: Utility Special District</div><div>Project Status: Pending</div><div>Project Rank: 3 Low</div><div>Project Year: FY2018</div></div> <td colspan="3"><div><div>Project Description</div><div>The Water and Wastewater Master Plan has identified various lift station rehabilitations and improvements.</div></div><div></div><div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Renewal &amp; Replacement</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>500,000</td><td>500,000</td></tr><tr><td>2019</td><td>500,000</td><td>500,000</td></tr><tr><td>2020</td><td>1,180,000</td><td>1,180,000</td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$2,180,000</td><td>\$2,180,000</td></tr></table></div><div><div>Operating Budget Impact</div><table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div></td>	<div><div>Project Description</div><div>The Water and Wastewater Master Plan has identified various lift station rehabilitations and improvements.</div></div> <div></div> <div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Renewal &amp; Replacement</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>500,000</td><td>500,000</td></tr><tr><td>2019</td><td>500,000</td><td>500,000</td></tr><tr><td>2020</td><td>1,180,000</td><td>1,180,000</td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$2,180,000</td><td>\$2,180,000</td></tr></table></div> <div><div>Operating Budget Impact</div><table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div>			Fiscal Year	Renewal & Replacement	Total	In Progress			2018	500,000	500,000	2019	500,000	500,000	2020	1,180,000	1,180,000	2021			2022			Total	\$2,180,000	\$2,180,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Operating																																													
Other																																													
Total																																													

North Tower Building Replacement																																													
<div><div>Type: City Facility</div><div>Project #: 41204</div><div>A/C #: 413-1417-536-0-6202</div><div>Location: Water Treatment Plant</div><div>Goal(s) Achieved:</div><div></div><div>Department: Utility Special District</div><div>Project Status: Design work in process</div><div>Project Rank: 3 Low</div><div>Project Year: FY2018</div></div> <td colspan="3"><div><div>Project Description</div><div>Replacement of the north tower building.</div><div></div><div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Impact Fees</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>1,000,000</td><td>1,000,000</td></tr><tr><td>2019</td><td></td><td></td></tr><tr><td>2020</td><td></td><td></td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$1,000,000</td><td>\$1,000,000</td></tr></table></div><div><div>Operating Budget Impact</div><table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div></div></td>	<div><div>Project Description</div><div>Replacement of the north tower building.</div><div></div><div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Impact Fees</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>1,000,000</td><td>1,000,000</td></tr><tr><td>2019</td><td></td><td></td></tr><tr><td>2020</td><td></td><td></td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$1,000,000</td><td>\$1,000,000</td></tr></table></div><div><div>Operating Budget Impact</div><table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div></div>			Fiscal Year	Impact Fees	Total	In Progress			2018	1,000,000	1,000,000	2019			2020			2021			2022			Total	\$1,000,000	\$1,000,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Type	Description	Amount	Impact Year																																										
Personnel	Personnel hours and materials required.																																												
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Total																																													

Parallel Intracoastal Force Main																																													
<div><div>Type: Infrastructure</div><div>Project #: 41228</div><div>A/C #: 415-1417-536-0-6307</div><div>Location: Singer Island</div><div>Goal(s) Achieved:</div><div></div><div>Department: Utility Special District</div><div>Project Status: Pending design work</div><div>Project Rank: 3 Low</div><div>Project Year: FY2018</div></div> <td colspan="3"><div><div>Project Description</div><div>The Water and Wastewater Master Plan has identified the need of a parallel subaqueous force main between Singer Island and the mainland.</div><div></div><div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Capital Bonds</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td></td><td></td></tr><tr><td>2019</td><td>1,000,000</td><td>1,000,000</td></tr><tr><td>2020</td><td>6,130,000</td><td>6,130,000</td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$7,130,000</td><td>\$7,130,000</td></tr></table></div><div><div>Operating Budget Impact</div><table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div></div></td>	<div><div>Project Description</div><div>The Water and Wastewater Master Plan has identified the need of a parallel subaqueous force main between Singer Island and the mainland.</div><div></div><div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Capital Bonds</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td></td><td></td></tr><tr><td>2019</td><td>1,000,000</td><td>1,000,000</td></tr><tr><td>2020</td><td>6,130,000</td><td>6,130,000</td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$7,130,000</td><td>\$7,130,000</td></tr></table></div><div><div>Operating Budget Impact</div><table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div></div>			Fiscal Year	Capital Bonds	Total	In Progress			2018			2019	1,000,000	1,000,000	2020	6,130,000	6,130,000	2021			2022			Total	\$7,130,000	\$7,130,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Perimeter Wall – Water Treatment Plant																																														
<div><div>Type:</div><div>City Facility</div></div> <div><div>Project #:</div><div>41225</div></div> <div><div>A/C #:</div><div>415-1437-533-0-6306</div></div> <div><div>Location:</div><div>Water Treatment Plant</div></div> <div><div>Goal(s) Achieved:</div><div></div></div> <div><div></div></div> <div><div>Department:</div><div>Utility Special District</div></div> <div><div>Project Status:</div><div>Pending design work</div></div> <div><div>Project Rank:</div><div>3</div></div> <div><div>Low</div></div> <div><div>Project Year:</div><div>FY2018</div></div>	<div><div>Project Description</div><div>The Water and Wastewater Master Plan and the vulnerability assessment for the Water Treatment Plant have identified a large perimeter concrete wall requirement to safeguard the facilities. Phase I will include construction of a 12’ wall to replace current chain link. Phase II will include the construction of the remaining perimeter as a turn-key project (design-build).</div><div><div></div><div></div></div></div> <div><div>Project Funding</div><table><tr><th>Fiscal Year</th><th>Capital Bonds</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>505,000</td><td>505,000</td></tr><tr><td>2019</td><td>1,000,000</td><td>1,000,000</td></tr><tr><td>2020</td><td></td><td></td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$1,505,000</td><td>\$1,505,000</td></tr></table></div> <div><div>Operating Budget Impact</div><table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table></div>				Fiscal Year	Capital Bonds	Total	In Progress			2018	505,000	505,000	2019	1,000,000	1,000,000	2020			2021			2022			Total	\$1,505,000	\$1,505,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Softening Units Replacement																											
<div><div>Type: Infrastructure</div><div>Project #: 41214</div><div>A/C #: 415-1437-533-0-6401</div><div>Location: West Blue Heron Blvd.</div><div>Goal(s) Achieved:</div><div></div><div>Department: Utility Special District</div><div>Project Status: Work in progress</div><div>Project Rank: 3 Low</div><div>Project Year: FY2018</div></div>	<div><div>Project Description</div><div>The Water and Wastewater Master Plan has identified the need to rehabilitate or replace the water treatment plant softening units.</div><div></div></div>																										
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Utility Field Operations Building																																													
<div>Type: City Facility</div> <div>Project #: 41226</div> <div>A/C #: 415-1417-536-0-6301</div> <div>Location: Water Treatment Plant</div> <div>Goal(s) Achieved:</div> <div></div> <div>Department: Utility Special District</div> <div>Project Status: Pending design work</div> <div>Project Rank: 3 Low</div> <div>Project Year: FY2018</div>	<div>Project Description</div> <p>The Water and Wastewater Master Plan has identified the need for a new building, approximately 5,000 square feet, for the field operations personnel, which will replace the current building which was designed as a maintenance and storage building and does not provide adequate facilities for USD’s employees.</p> <div></div> <div>Project Funding</div> <table><tr><th>Fiscal Year</th><th>Capital Bonds</th><th>Total</th></tr><tr><td>In Progress</td><td></td><td></td></tr><tr><td>2018</td><td>100,000</td><td>100,000</td></tr><tr><td>2019</td><td>1,033,000</td><td>1,033,000</td></tr><tr><td>2020</td><td></td><td></td></tr><tr><td>2021</td><td></td><td></td></tr><tr><td>2022</td><td></td><td></td></tr><tr><td>Total</td><td>\$1,133,000</td><td>\$1,133,000</td></tr></table> <div>Operating Budget Impact</div> <table><tr><th>Type</th><th>Description</th><th>Amount</th><th>Impact Year</th></tr><tr><td>Personnel</td><td rowspan="3">Personnel hours and materials required.</td><td></td><td></td></tr><tr><td>Operating</td><td></td><td></td></tr><tr><td>Other</td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td></tr></table>			Fiscal Year	Capital Bonds	Total	In Progress			2018	100,000	100,000	2019	1,033,000	1,033,000	2020			2021			2022			Total	\$1,133,000	\$1,133,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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## Water Mains - Palm Beach Shores

**Type:**  
Infrastructure

**Project #:** 41210

**A/C #:**  
415-1430-533-0-6301  
412-1430-533-0-6301

**Location:**  
Palm Beach Shores

**Goal(s) Achieved:**



**Department:**  
Utility Special District

**Project Status:**  
Pending design work

**Project Rank:** 3  
Low

**Project Year:**  
FY2018

### Project Description

The Water and Wastewater Master Plan has identified the need for replacement of water mains in Palm Beach Shores due to age and capacity.





### Project Funding

Fiscal Year	Renewal & Replacement	Capital Bonds	Total
In Progress			
2018	131,160		131,160
2019	404,659	567,471	972,130
2020			
2021			
2022			
<b>Total</b>	<b>\$535,819</b>	<b>\$567,471</b>	<b>\$1,103,290</b>

### Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
Operating			
Other			
<b>Total</b>			



Facility Enhancement		Project Description	
<b>Type:</b> City Facility		Enhancement of office.	
<b>Project #:</b> 41203			
<b>A/C #:</b> 413-1417-536-0-6201			
<b>Location:</b> W. Blue Heron Boulevard			
<b>Goal(s) Achieved:</b>			
			
<b>Department:</b> Utility Special District		<b>Project Funding</b>	
<b>Project Status:</b> On-going process			
<b>Project Rank:</b> 3			
Low			
<b>Project Year:</b> FY2018		<b>Operating Budget Impact</b>	

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# **UTILITY SPECIAL DISTRICT**

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## **REVENUES AND EXPENSES**





**City of Riviera Beach**  
**Utility Special District Revenues**

<b>Account Title</b>	<b>FY 2015 Actual</b>	<b>FY 2016 Actual</b>	<b>FY 2017 Adopted</b>	<b>FY 2018 Proposed</b>
<b>USD - OPERATING</b>				
WATER UTILITY REVENUE	16,083,830	15,290,000	15,572,821	<b>16,040,006</b>
WATER METER CONNECTION FEES	10,000	8,500	11,553	<b>11,553</b>
HYDRANT RENTAL/FIRE LINES	170,000	175,000	169,703	<b>169,703</b>
SEWER UTILITY REVENUE	7,240,950	8,530,000	8,905,703	<b>9,946,780</b>
SEWER CONNECTION FEES	510	200	206	<b>206</b>
PENALTIES & INTEREST	350,000	300,000	306,697	<b>327,124</b>
INVESTMENT EARNINGS	17,650	20,000	45,359	50,000
MISCELLANEOUS REVENUES	70,000	75,487	75,487	127,807
	<b>23,942,940</b>	<b>24,399,187</b>	<b>25,087,529</b>	<b>26,673,179</b>
<b>USD - RENEWAL &amp; REPLACEMENT</b>				
INVESTMENT EARNINGS	15,000	15,000	15,000	<b>15,000</b>
TRANSFER FROM FUND 411 - OPERATIONS	870,000	887,400	1,100,796	<b>1,222,107</b>
RESERVES	1,389,550	1,597,600	1,597,600	<b>2,589,093</b>
	<b>2,274,550</b>	<b>2,500,000</b>	<b>2,713,396</b>	<b>3,826,200</b>
<b>USD - IMPACT FEES</b>				
INVESTMENT EARNINGS	3,000	25,000	25,000	25,000
WATER IMPROVEMENT IMPACT FEES	2,000	3,000	3,000	300
SEWER IMPROVEMENT IMPACT FEES	25,000	2,000	2,000	200
RESERVES	8,595,000	8,184,000	8,184,000	7,104,400
	<b>8,625,000</b>	<b>8,214,000</b>	<b>8,214,000</b>	<b>7,129,900</b>
<b>USD - DEBT SERVICE</b>				
INVESTMENT EARNINGS	1,000	-	-	-
TRANSFER FROM FUND 411 - OPERATIONS	1,986,019	1,770,925	4,558,334	4,261,525
	<b>1,987,019</b>	<b>1,770,925</b>	<b>4,558,334</b>	<b>4,261,525</b>
<b>USD - CAPITAL BOND PROJECTS</b>				
INVESTMENT EARNINGS-PTA FLCLASS	-	-	-	200,000
INVESTMENT EARNINGS-PTA USBANK	-	-	-	150,000
RESERVES	-	-	-	14,492,728
	<b>-</b>	<b>-</b>	<b>-</b>	<b>14,842,728</b>

**City of Riviera Beach**  
**Utility Special District Expenses by Division**

<b>Account Title</b>	<b>FY 2015 Actual</b>	<b>FY 2016 Actual</b>	<b>FY 2017 Budget</b>	<b>FY 2018 Proposed</b>
<b>ADMINISTRATION</b>	<b>9,408,391</b>	<b>10,077,875</b>	<b>13,598,606</b>	<b>13,773,044</b>
REGULAR SALARIES & WAGES	482,973	610,173	836,386	885,082
OVERTIME	2,481	13,231	3,540	4,000
FICA TAXES	46,207	44,562	64,254	68,015
RETIREMENT CONTRIBUTIONS	364,007	100,848	67,950	91,451
RETIREMENT CONTRIBUTIONS - FRS GENERAL	2,356	6,987	30,270	32,919
RETIREMENT CONTRIBUTIONS - FRS ELECTED OFFICIALS	-	-	-	32,760
HEALTH & DENTAL INSURANCE	128,303	107,420	99,775	111,261
LIFE INSURANCE	1,410	1,526	2,496	2,622
OPEB LIABILITY EXPENSE	75,004	8,329	91,956	91,956
PROFESSIONAL SERVICES - MEDICAL & DENTAL	-	-	310	310
PROFESSIONAL SERVICES - ENGINEERING	112,760	17,065	29,721	30,000
PROFESSIONAL SERVICES - FINANCIAL	-	13,713	10,200	10,000
PROFESSIONAL SERVICES	3,897,430	4,769,109	5,322,376	5,428,824
ACCOUNTING AND AUDITING	20,434	-	5,100	6,000
CONTRACT SERVICES - JANITORIAL	9,130	9,723	15,300	16,000
CONTRACT SERVICES - PEST CONTROL	680	659	510	1,000
CREDIT CARD MERCHANT FEES	83,390	72,301	42,372	100,000
CONTRACT SERVICES	82,435	107,247	51,000	55,000
TRAVEL	9	522	3,060	4,000
COMMUNICATION SERVICES	44,265	71,989	36,296	37,000
POSTAGE & FREIGHT	139	143	179	200
CGL INSURANCE	84,459	86,148	68,676	70,050
REPAIRS & MAINTENANCE	1,530	1,042	2,040	2,100
REPAIRS & MAINTENANCE - BUILDINGS	1,718	1,638	2,092	2,100
REPAIRS & MAINTENANCE - VEHICLES	4,226	26,663	4,807	-
FLEET SERVICES				5,000
INFORMATION TECHNOLOGY SERVICES				-
PRINTING & BINDING	995	1,178	1,202	1,300
PRINTING & BINDING - COPIER	995	966	985	1,000
PROMOTIONAL ACTIVITIES	1,214	1,451	20,400	21,000
OTHER CHARGES - SURVEILLANCE	14,078	38,037	15,300	16,000
OFFICE SUPPLIES - STATIONARY	1,203	296	3,060	4,000
OPERATING SUPPLIES	12,994	13,503	15,953	16,000
SOFTWARE	36,593	10,913	35,700	36,000
OPERATING SUPPLIES - JANITORIAL	-	-	998	2,000
OPERATING SUPPLIES - CLOTHING	129	959	1,020	2,000
OPERATING SUPPLIES	5,477	1,145	6,120	6,250
SMALL TOOLS & EQUIPMENT	683	2,913	1,673	1,700
UNRECONCILED CREDIT CARD CHARGES	-	-	-	-
BOOKS & PERIODICALS	93	194	851	1,000
SUBSCRIPTIONS & MEMBERSHIPS	1,619	11,055	5,100	5,500
EMPLOYEE DEVELOPMENT	2,805	345	6,120	6,250
TUITION REIMBURSEMENT	2,459	1,862	10,200	11,000
CONTINGENCY	1,797,372	1,625,000	1,550,000	1,580,000
CAPITAL - OFFICE EQUIPMENT & FURNITURE	4,680	-	5,405	5,500
CAPITAL - VEHICLES	5,741	275,000	294,320	300,000
TRANSFER TO FUND 412 - RENEWAL & REPLACEMENT	298,191	248,493	275,199	407,369
TRANSFER TO FUND 414 - DEBT SERVICE	1,775,725	1,773,527	4,558,334	4,261,525

**City of Riviera Beach**  
**Utility Special District Expenses by Division**

Account Title	FY 2015 Actual	FY 2016 Actual	FY 2017 Budget	FY 2018 Proposed
<b>WATER DISTRIBUTION</b>	<b>3,434,182</b>	<b>1,944,520</b>	<b>1,724,856</b>	<b>1,912,620</b>
REGULAR SALARIES & WAGES	526,294	493,377	600,800	613,362
OVERTIME	21,920	15,199	32,422	33,000
FICA TAXES	39,406	36,154	48,441	49,447
RETIREMENT CONTRIBUTIONS	211,141	85,211	63,429	85,421
RETIREMENT CONTRIBUTIONS - FRS GENERAL	-	6,905	10,979	11,459
HEALTH & DENTAL INSURANCE	113,287	126,086	128,129	141,222
LIFE INSURANCE	912	799	3,177	3,336
PROFESSIONAL SERVICES - MEDICAL & DENTAL	-	-	993	1,000
CONTRACT SERVICES - JANITORIAL	-	-	1,020	1,100
CONTRACT SERVICES	12,704	10,669	39,592	40,000
TRAVEL	2,380	1,665	2,040	2,250
UTILITIES - OTHER	1,184	370	1,773	2,000
CGL INSURANCE	292,512	298,362	132,504	135,154
REPAIRS & MAINTENANCE - BUILDINGS	543	-	1,020	1,100
REPAIRS & MAINTENANCE - GROUNDS	758	30	1,020	1,100
REPAIRS & MAINTENANCE - EQUIPMENT	29,555	22,057	30,600	31,000
REPAIRS & MAINTENANCE - VEHICLES	17,547	16,134	16,786	-
REPAIRS & MAINTENANCE - LINES	24,826	10,131	25,877	26,000
REPAIRS & MAINTENANCE	19,792	28,800	25,087	25,300
FLEET SERVICES				19,000
INFORMATION TECHNOLOGY SERVICES				-
REPAIRS & MAINTENANCE - EASEMENTS	5,392	3,244	5,100	5,100
PRINTING & BINDING - PHOTOGRAPHS	440	408	462	500
OTHER CHARGES	731	756	1,020	1,100
OTHER CHARGES - SURVEILLANCE	842	882	1,020	1,100
OFFICE SUPPLIES - STATIONARY	490	72	170	-
OPERATING SUPPLIES	(7,825)	20,812	3,743	4,000
FUEL & LUBRICANTS	2,120	75	1,713	-
OPERATING SUPPLIES - CHEMICALS	201	-	539	600
OPERATING SUPPLIES - JANITORIAL	-	2,133	1,020	1,100
OPERATING SUPPLIES - CLOTHING	1,077	4,997	5,100	5,100
OPERATING SUPPLIES	10,013	8,125	10,388	10,500
OPERATING SUPPLIES - WATER	2,473	1,207	2,312	2,400
UNRECONCILED CREDIT CARD CHARGES	-	-	-	-
BOOKS & PERIODICALS	166	50	85	100
SUBSCRIPTIONS & MEMBERSHIPS	422	-	276	300
EMPLOYEE DEVELOPMENT	1,000	1,317	1,020	1,100
CONTINGENCY	1,803,688	500,000	250,000	250,000
TRANSFER TO FUND 412 - RENEWAL & REPLACEMENT	298,191	248,493	275,199	407,369

**City of Riviera Beach**  
**Utility Special District Expenses by Division**

<b>Account Title</b>	<b>FY 2015 Actual</b>	<b>FY 2016 Actual</b>	<b>FY 2017 Budget</b>	<b>FY 2018 Proposed</b>
<b>WATER TREATMENT</b>	<b>5,013,014</b>	<b>4,688,901</b>	<b>3,835,526</b>	<b>4,445,606</b>
REGULAR SALARIES & WAGES	760,492	807,899	885,143	910,046
OVERTIME	50,682	54,979	35,066	35,000
FICA TAXES	59,729	63,322	70,396	72,296
RETIREMENT CONTRIBUTIONS	358,529	127,027	81,525	109,722
RETIREMENT CONTRIBUTIONS - FRS GENERAL	1,061	4,337	20,402	22,002
HEALTH & DENTAL INSURANCE	159,834	143,758	164,737	181,572
LIFE INSURANCE	1,427	1,408	4,085	4,290
PROFESSIONAL SERVICES - MEDICAL & DENTAL	-	-	68	-
PROFESSIONAL SERVICES - ENGINEERING	14,110	-	6,327	6,400
CONTRACT SERVICES - JANITORIAL	-	-	340	400
CONTRACT SERVICES	36,714	42,895	46,086	46,100
TRAVEL	602	72	2,040	2,000
UTILITIES - ELECTRICITY	427,886	401,001	480,000	489,600
UTILITIES - OTHER	10,661	2,330	5,536	5,647
RENT & LEASES - LAND	56	2,094	6,611	6,743
CGL INSURANCE	272,811	278,267	178,033	181,594
REPAIRS & MAINTENANCE - BUILDINGS	2,924	8,327	10,200	10,500
REPAIRS & MAINTENANCE - GROUNDS	877	4,816	5,100	5,250
REPAIRS & MAINTENANCE - EQUIPMENT	106,706	84,895	119,339	120,000
REPAIRS & MAINTENANCE - VEHICLES	15,982	19,546	20,400	-
REPAIRS & MAINTENANCE - LINES	7,630	10,253	10,200	10,500
REPAIRS & MAINTENANCE	109,564	99,377	107,557	108,000
FLEET SERVICES				84,500
INFORMATION TECHNOLOGY SERVICES				-
PRINTING & BINDING - PHOTOGRAPHS	678	4,165	5,643	5,600
OTHER CHARGES	4,819	5,142	5,101	5,100
OTHER CHARGES - SURVEILLANCE	1,955	2,043	1,984	2,000
OFFICE SUPPLIES - STATIONARY	-	-	170	-
OPERATING SUPPLIES	(71,561)	105,666	7,123	7,125
FUEL & LUBRICANTS	27,116	29,366	63,871	-
OPERATING SUPPLIES - CHEMICALS	479,800	503,775	535,500	535,500
LIME SLUDGE REMOVAL	-	-	-	-
OPERATING SUPPLIES - CLOTHING	13,153	9,765	14,748	14,800
OPERATING SUPPLIES	7,591	10,821	6,936	7,000
OPERATING SUPPLIES - WATER	8,919	7,001	10,200	10,250
LIME SLUDGE REMOVAL	85,420	5,881	106,218	106,300
UNRECONCILED CREDIT CARD CHARGES	-	-	-	-
BOOKS & PERIODICALS	163	-	85	100
SUBSCRIPTIONS & MEMBERSHIPS	389	180	196	200
EMPLOYEE DEVELOPMENT	2,062	-	2,040	2,100
CONTINGENCY	1,666,389	1,600,000	413,821	800,000
CAPITAL - MACHINERY & EQUIPMENT	89,652	-	127,500	130,000
TRANSFER TO FUND 412 - RENEWAL & REPLACEMENT	298,191	248,493	275,199	407,369

**City of Riviera Beach**  
**Utility Special District Expenses by Division**

<b>Account Title</b>	<b>FY 2015 Actual</b>	<b>FY 2016 Actual</b>	<b>FY 2017 Budget</b>	<b>FY 2018 Proposed</b>
<b>WASTEWATER COLLECTION</b>	<b>5,042,803</b>	<b>5,187,923</b>	<b>5,887,644</b>	<b>6,541,909</b>
REGULAR SALARIES & WAGES	365,482	411,419	474,526	488,732
OVERTIME	33,020	41,196	29,625	30,000
FICA TAXES	28,839	32,298	38,568	39,683
RETIREMENT CONTRIBUTIONS	169,793	64,902	77,399	104,162
RETIREMENT CONTRIBUTIONS - FRS GENERAL	-	-	2,632	2,855
HEALTH & DENTAL INSURANCE	84,676	113,430	100,673	110,960
LIFE INSURANCE	1,093	1,198	2,496	2,622
PROFESSIONAL SERVICES - MEDICAL & DENTAL	1,991	-	600	600
PROFESSIONAL SERVICES	3,657	765	6,000	6,000
ACCOUNTING AND AUDITING	-	-	5,100	5,200
CONTRACT SERVICES - SEWER	1,915,284	1,990,122	4,080,000	4,161,600
TRAVEL	2,139	1,469	2,040	2,100
COMMUNICATIONS - RADIOS	-	-	510	500
POSTAGE & FREIGHT	75	-	102	100
UTILITIES - ELECTRICITY	176,549	161,882	201,000	201,000
UTILITIES - WATER	914	1,232	2,193	2,200
CGL INSURANCE	131,306	133,932	117,163	119,506
REPAIRS & MAINTENANCE - BUILDINGS	14,129	5,720	11,220	11,250
REPAIRS & MAINTENANCE - EQUIPMENT	51,365	5,039	51,000	52,020
REPAIRS & MAINTENANCE - VEHICLES	12,360	13,081	15,300	-
REPAIRS & MAINTENANCE - LINES	26,532	28,259	32,640	33,000
FLEET SERVICES				50,500
INFORMATION TECHNOLOGY SERVICES				-
PRINTING & BINDING - PHOTOGRAPHS	466	575	612	750
OPERATING SUPPLIES	217	11,608	10,200	10,500
FUEL & LUBRICANTS	46,438	47,903	35,000	-
OPERATING SUPPLIES - CHEMICALS	9,614	5,232	10,200	10,000
OPERATING SUPPLIES - JANITORIAL	158	390	650	650
OPERATING SUPPLIES - CLOTHING	6,658	8,469	12,750	12,750
OPERATING SUPPLIES	19,923	56,434	21,000	21,000
SMALL TOOLS & EQUIPMENT	-	1,825	1,530	1,500
BOOKS & PERIODICALS	274	30	255	250
SUBSCRIPTIONS & MEMBERSHIPS	-	1,020	400	400
EMPLOYEE DEVELOPMENT	1,934	-	2,140	2,150
CONTINGENCY	1,592,494	1,800,000	215,921	600,000
CAPITAL - MACHINERY & EQUIPMENT	47,231	-	51,000	50,000
TRANSFER TO FUND 412 - RENEWAL & REPLACEMENT	298,191	248,493	275,199	407,369
<b>TOTAL USD OPERATING FUND</b>	<b>22,898,390</b>	<b>21,899,219</b>	<b>25,046,631</b>	<b>26,673,179</b>

**City of Riviera Beach**  
**Utility Special District Expenses by Division**

Account Title	FY 2015 Actual	FY 2016 Actual	FY 2017 Budget	FY 2018 Proposed
<b>USD - RENEWAL &amp; REPLACEMENT</b>				
OPERATING	850,000	850,000	850,000	850,000
CAPITAL OUTLAY	1,424,550	1,650,000	1,863,396	2,976,200
	<b>2,274,550</b>	<b>2,500,000</b>	<b>2,713,396</b>	<b>3,826,200</b>
<b>USD - IMPACT FEES</b>				
CAPITAL OUTLAY	8,625,000	8,214,000	8,214,000	7,129,900
	<b>8,625,000</b>	<b>8,214,000</b>	<b>8,214,000</b>	<b>7,129,900</b>
<b>USD - DEBT SERVICE</b>				
PRINCIPAL-W&S REV REFUNDING BONDS, 2014	760,000	750,000	750,000	770,000
INTEREST-W&S REV REFUNDING BONDS, 2014	1,227,019	1,020,925	1,009,675	983,025
PRINCIPAL-W&S REV BONDS, 2016	-	-	995,000	870,000
INTEREST-W&S REV BONDS, 2016	-	-	1,803,659	1,638,500
	<b>1,987,019</b>	<b>1,770,925</b>	<b>4,558,334</b>	<b>4,261,525</b>
<b>USD - CAPITAL BOND PROJECTS</b>				
CAPITAL OUTLAY	-	-	-	14,842,728
	<b>-</b>	<b>-</b>	<b>-</b>	<b>14,842,728</b>

**CITY OF RIVIERA BEACH CITY COUNCIL  
AGENDA ITEM SUMMARY**

**Meeting Date:** 9/20/2017

**Agenda Category:**

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**Subject:** DISCUSSION AS IT RELATES TO THE EXECUTIVE DIRECTOR OF THE  
UTILITY SPECIAL DISTRICT.

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**Recommendation/Motion:**

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<b>Originating Dept</b>	UTILITY DISTRICT	<b>Costs</b>
<b>User Dept.</b>	Utility District	<b>Funding Source</b>
<b>Advertised</b>	No	<b>Budget Account Number</b>
<b>Date</b>		
<b>Paper</b>		
<b>Affected Parties</b>	Not Required	

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**Background/Summary:**

**Fiscal Years**  
**Capital Expenditures**  
**Operating Costs**  
**External Revenues**  
**Program Income (city)**  
**In-kind Match (city)**  
**Net Fiscal Impact**  
**NO. Additional FTE Positions**  
**(cumulative)**

**III. Review Comments**

A. Finance Department Comments:

B. Purchasing/Intergovernmental Relations/Grants Comments:

C. Department Director Review:



Contract Start Date

Contract End Date

Renewal Start Date

Renewal End Date

Number of 12 month terms this renewal

Dollar Amount

Contractor Company Name

Contractor Contact

Contractor Address

Contractor Phone Number

Contractor Email

Type of Contract

Describe

**REVIEWERS:**

<b>Department</b>	<b>Reviewer</b>	<b>Action</b>	<b>Date</b>
Utility	Monroe, Luecinda	Approved	9/16/2017 - 12:19 AM