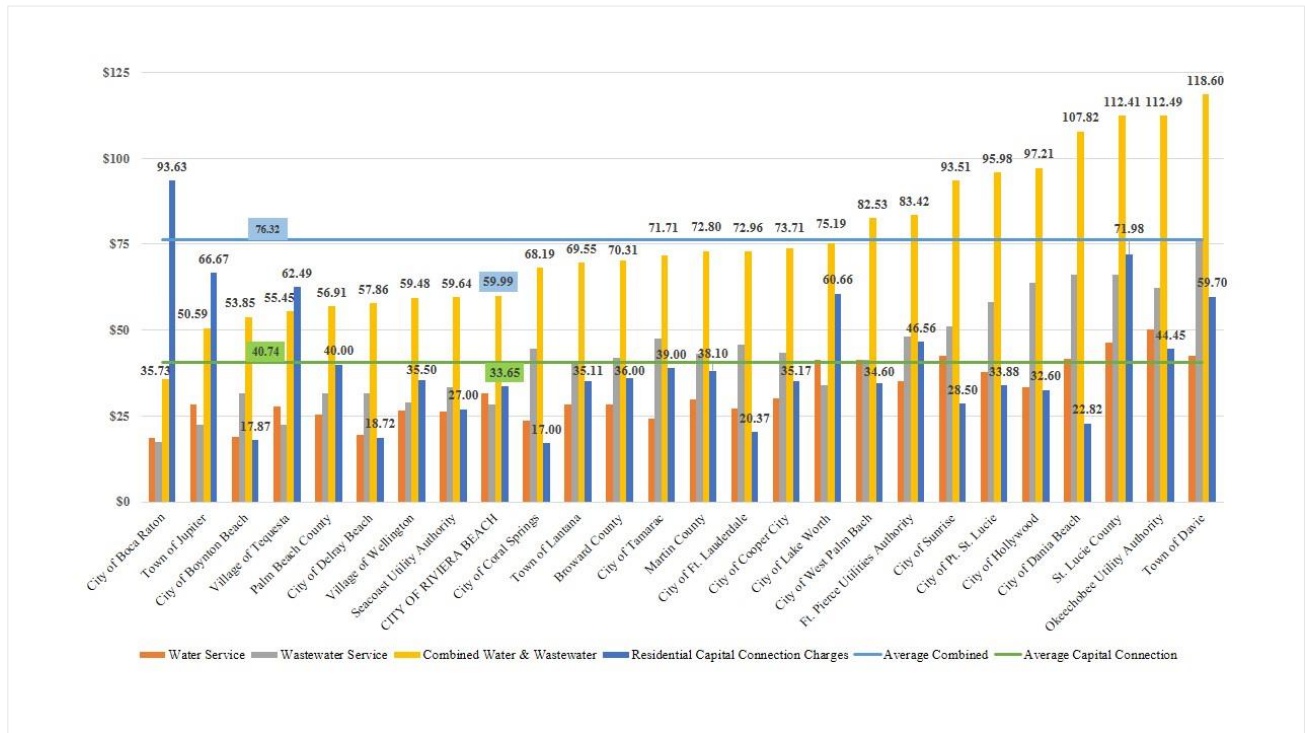


UTILITY SPECIAL DISTRICT

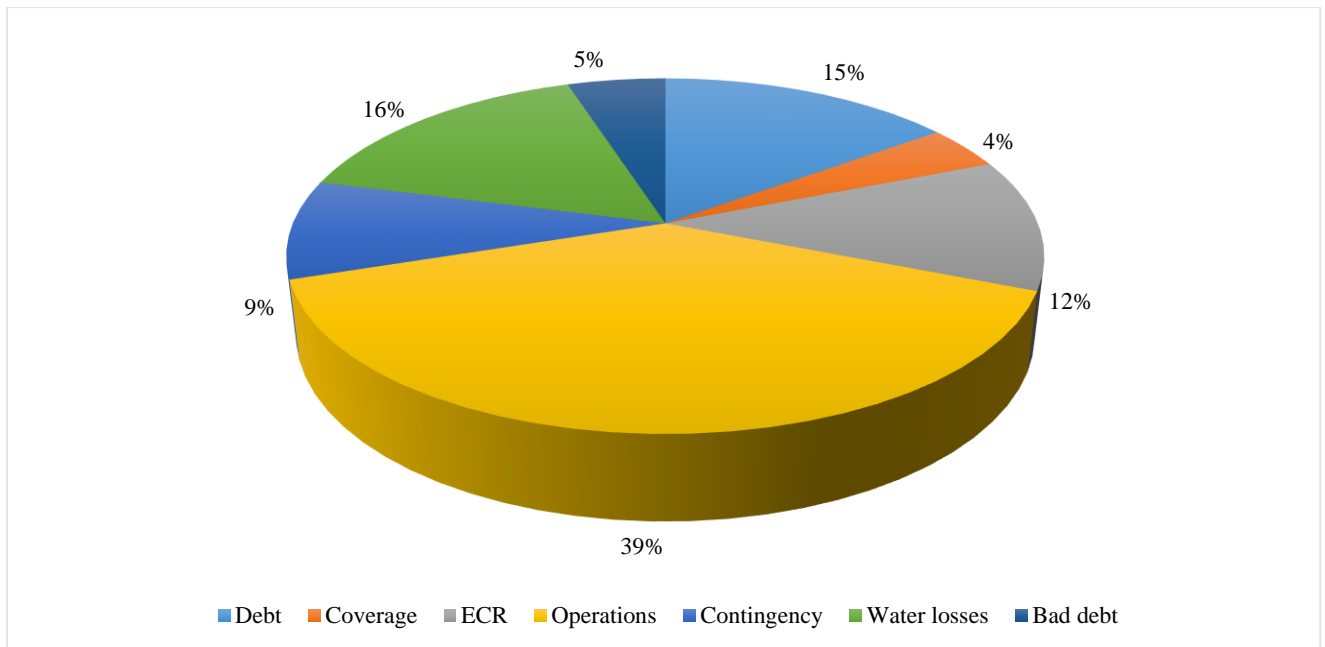
Utility Rates – Comparison Residential Water and Wastewater Bills at 6,000 gallons

Connection fees shown at 1/100th of Rate



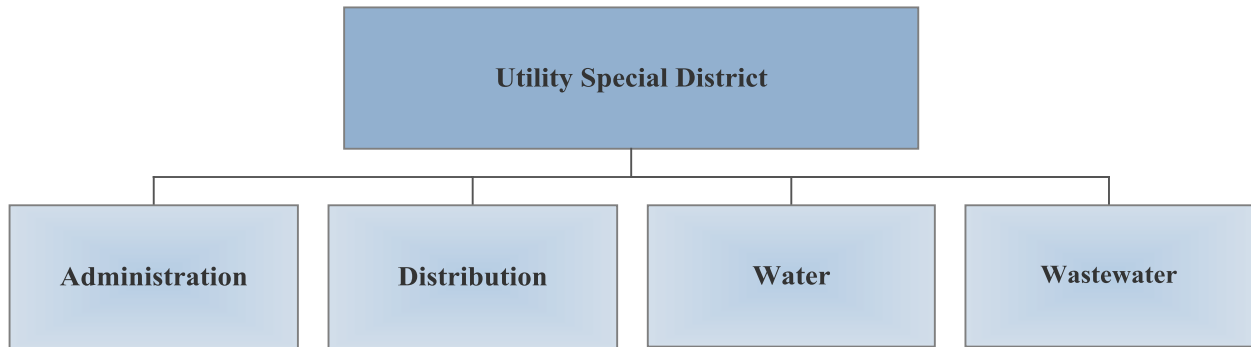
Source: City's Finance and Administrative Services Department

Utility Bill Composition



Source: City's Finance and Administrative Services Department

UTILITY SPECIAL DISTRICT



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 (ECRWF) for treatment. The ECRWF 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 ECRWF. 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
Total Expenses	\$21,899,219	\$25,087,529	\$26,673,179
Full-Time Budgeted Employees	52	56	59

FY 2018 Objectives

1. 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.

2. 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

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
Total Funding Sources			\$24,948,828



USD PROJECTS

Project Title	Asset Category	Priority	FY 2018	5-Year Total
Utility Special District				
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
Total USD			\$24,948,828	\$62,981,069

USD PROJECTS

PROJECT PROFILES

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Aerial Crossing Rehabilitation																									
<p>Type: Infrastructure</p> <p>Project #: 41087</p> <p>A/C #: 412-1417-536-0-6301</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Under Design</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <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 style="text-align: center;">  </div>																								
Project Funding																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Fiscal Year</th> <th style="width: 40%;">Renewal & Replacement</th> <th style="width: 30%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td style="text-align: right;">48,605</td> <td style="text-align: right;">48,605</td> </tr> <tr> <td>2018</td> <td style="text-align: right;">1,000,000</td> <td style="text-align: right;">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 style="text-align: right;">\$1,048,605</td> <td style="text-align: right;">\$1,048,605</td> </tr> </tbody> </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
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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		
Total	\$1,857,662	\$1,857,662

Operating Budget Impact

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

Lift Station #47 Rehabilitation																																											
<p>Type: Infrastructure</p> <p>Project #: 41212</p> <p>A/C #: 415-1438-535-0-6307</p> <p>Location: Haverhill Road</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Design Pending</p> <p>Project Rank: 1 Severe</p> <p>Project Year: FY2018</p>	<div style="background-color: #e1f5fe; padding: 5px;">Project Description</div> <p>USD’s main Lift Station #47 is in need of a major overhaul, which includes equipment, design and construction work to complete the overhaul.</p> <div style="text-align: center;">  </div> <div style="background-color: #e1f5fe; padding: 5px;">Project Funding</div> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Bonds</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td style="text-align: right;">400,000</td> <td style="text-align: right;">400,000</td> </tr> <tr> <td>2019</td> <td style="text-align: right;">4,317,000</td> <td style="text-align: right;">4,317,000</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 style="text-align: right;">\$4,717,000</td> <td style="text-align: right;">\$4,717,000</td> </tr> </tbody> </table> <div style="background-color: #e1f5fe; padding: 5px;">Operating Budget Impact</div> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <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> </tbody> </table>	Fiscal Year	Capital Bonds	Total	In Progress			2018	400,000	400,000	2019	4,317,000	4,317,000	2020			2021			2022			Total	\$4,717,000	\$4,717,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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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		
Total	\$3,894,876	\$3,894,876

Operating Budget Impact

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

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		
Total	\$3,193,000	\$3,193,000

Operating Budget Impact

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

Raw Water Wells Rehabilitation


Type:
Infrastructure

Project #: 41099

A/C #:
413-1437-533-0-6304

Location:
City-wide

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
On-going

Project Rank: 1
High

Project Year:
FY2018

Project Description

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.



Project Funding

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

Operating Budget Impact

Type	Description	Amount	Impact Year
Personnel	Personnel hours and materials required.		
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		
Total	\$40,000	\$40,000

Operating Budget Impact

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

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		
Total	\$8,000,000	\$8,000,000

Operating Budget Impact

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

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

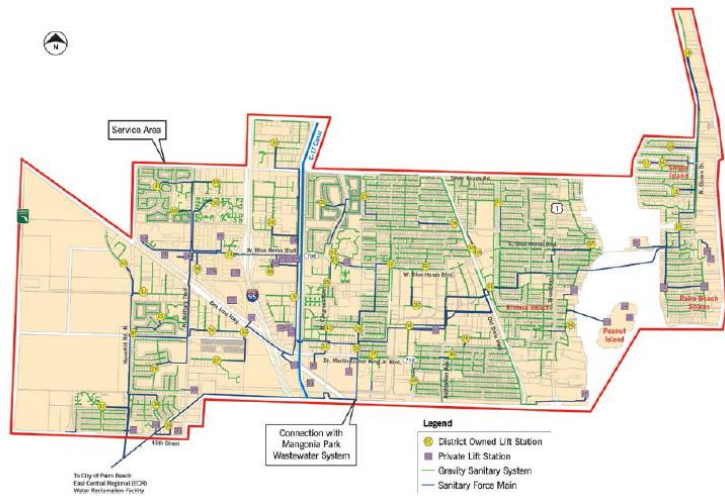
Project Status:
On-going

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
Total	\$781,000	\$781,000

Operating Budget Impact

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

Water Meters		Project Description			
<p>Type: Infrastructure</p> <p>Project #: 41091</p> <p>A/C #: 412-1430-533-0-6401</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p>  <p>Department: Utility Special District</p> <p>Project Status: On-going as needed</p> <p>Project Rank: 1 Severe</p> <p>Project Year: 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> 			
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		
Total	\$81,750	\$81,750

Operating Budget Impact

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

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

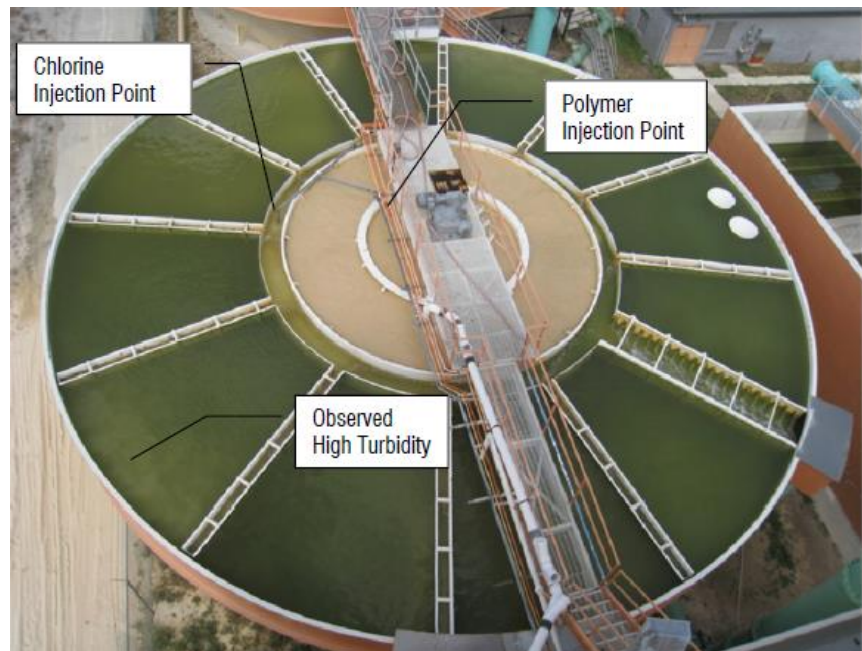
Project Rank: 1

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		
Total	\$513,500	\$513,500

Operating Budget Impact

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

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		
Total	\$200,000	\$200,000

Operating Budget Impact



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

Haverhill Road Improvement																																										
<p>Type: Infrastructure</p> <p>Project #: 41088</p> <p>A/C #: 412-1417-536-0-6302</p> <p>Location: Haverhill Road</p> <p>Goal(s) Achieved:</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Palm Beach County project</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<div style="background-color: #e1f5fe; padding: 5px; border: 1px solid black;">Project Description</div> <p>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.</p> <div style="text-align: center; margin: 10px 0;">  </div> <div style="background-color: #e1f5fe; padding: 5px; border: 1px solid black;">Project Funding</div> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%;">Fiscal Year</th> <th style="width: 50%;">Renewal & Replacement</th> <th style="width: 25%;">Total</th> </tr> </thead> <tbody> <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>500,000</td> <td>500,000</td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$550,000</td> <td>\$550,000</td> </tr> </tbody> </table> <div style="background-color: #e1f5fe; padding: 5px; border: 1px solid black;">Operating Budget Impact</div> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%;">Type</th> <th style="width: 50%;">Description</th> <th style="width: 12.5%;">Amount</th> <th style="width: 12.5%;">Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="4">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> </tr> </tbody> </table>	Fiscal Year	Renewal & Replacement	Total	In Progress			2018	50,000	50,000	2019			2020			2021	500,000	500,000	2022			Total	\$550,000	\$550,000	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total		
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Operating																																										
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Total																																										

Lift Station Rehabilitation – Phase 1																																											
<p>Type: Infrastructure</p> <p>Project #: 41215</p> <p>A/C #: 415-1438-535-0-6309</p> <p>Location:</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>The Water and Wastewater Master Plan, has identified various lift station rehabilitations and improvements.</p> <div style="text-align: center;">  </div> <p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Bonds</th> <th>Total</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>Operating Budget Impact</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <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> </tbody> </table>	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			
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Media and Underdrain Replacement																																											
<p>Type: Infrastructure</p> <p>Project #: 41205</p> <p>A/C #: 413-1437-533-0-6401</p> <p>Location:</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<div style="background-color: #d9e1f2; padding: 5px;">Project Description</div> <p>Replacement of media and underdrain filters 1 – 8.</p> <div style="text-align: center;">  </div> <div style="background-color: #d9e1f2; padding: 5px;">Project Funding</div> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Impact Fees</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td>618,000</td> <td>618,000</td> </tr> <tr> <td>2019</td> <td>618,000</td> <td>618,000</td> </tr> <tr> <td>2020</td> <td>618,000</td> <td>618,000</td> </tr> <tr> <td>2021</td> <td>618,000</td> <td>618,000</td> </tr> <tr> <td>2022</td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$2,472,000</td> <td>\$2,472,000</td> </tr> </tbody> </table> <div style="background-color: #d9e1f2; padding: 5px;">Operating Budget Impact</div> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <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> </tbody> </table>	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	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Raw Water Wells A and B																											
<p>Type: Infrastructure</p> <p>Project #: 41227</p> <p>A/C #: 415-1437-533-0-6307</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p>  <p>Department: Utility Special District</p> <p>Project Status: Pending design work</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <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> 																										
	<p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Bonds</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td></td> <td></td> </tr> <tr> <td>2019</td> <td>260,000</td> <td>260,000</td> </tr> <tr> <td>2020</td> <td>2,000,000</td> <td>2,000,000</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>\$2,260,000</td> <td>\$2,260,000</td> </tr> </tbody> </table>			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
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Sanitary Sewer System Relining																																																		
<p>Type: Infrastructure</p> <p>Project #: 41209</p> <p>A/C #: 415-1438-535-0-6304 413-1438-535-0-6304</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 2 High</p> <p>Project Year: FY2018</p>	<div style="background-color: #e1eef6; padding: 5px;">Project Description</div> <p>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.</p> <div style="display: flex; justify-content: space-around; text-align: center;"> <div> <p style="color: red; font-size: 1.2em;">Before</p>  </div> <div> <p style="color: red; font-size: 1.2em;">After</p>  </div> </div> <div style="background-color: #e1eef6; padding: 5px; margin-top: 10px;">Project Funding</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Fiscal Year</th> <th style="width: 25%;">Capital Bonds</th> <th style="width: 25%;">Impact Fees</th> <th style="width: 35%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td style="text-align: right;">100,000</td> <td></td> <td style="text-align: right;">100,000</td> </tr> <tr> <td>2019</td> <td style="text-align: right;">122,000</td> <td></td> <td style="text-align: right;">122,000</td> </tr> <tr> <td>2020</td> <td></td> <td style="text-align: right;">491,000</td> <td style="text-align: right;">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 style="text-align: right;">\$222,000</td> <td style="text-align: right;">\$491,000</td> <td style="text-align: right;">\$713,000</td> </tr> </tbody> </table> <div style="background-color: #e1eef6; padding: 5px; margin-top: 10px;">Operating Budget Impact</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Type</th> <th style="width: 55%;">Description</th> <th style="width: 15%;">Amount</th> <th style="width: 15%;">Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="4">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> </tr> </tbody> </table>	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	Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total		
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Silver Beach Road Improvement

Type:
Infrastructure

Project #: 41208

A/C #:
415-1417-536-0-6303

Location:
Silver Beach Road

Goals(s) Achieved:



Department:
Utility Special District

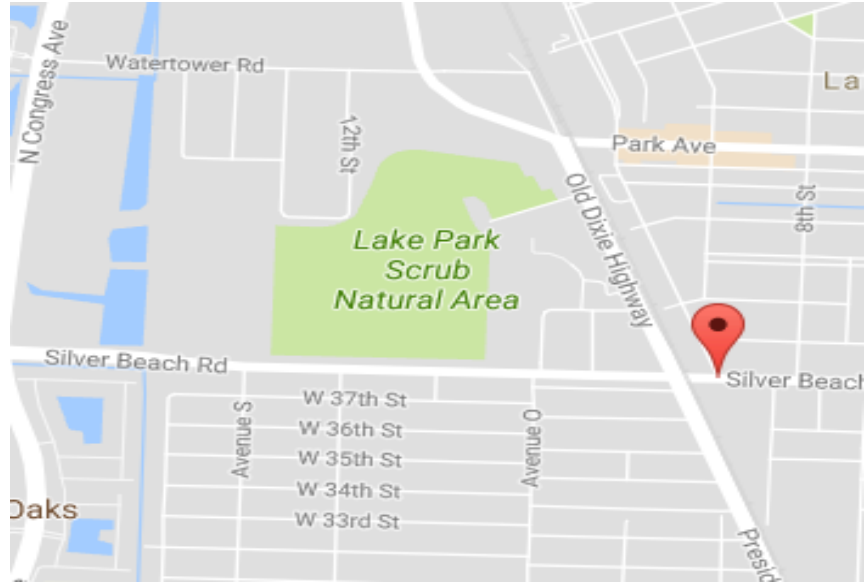
Project Status:
Palm Beach County project

Project Rank: 2
High

Project Year:
FY2018

Project Description

Palm Beach County is improving and widening 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.



Project Funding

Fiscal Year	Capital Bonds	Total
In Progress		
2018	200,000	200,000
2019		
2020		
2021		
2022		
Total	\$200,000	\$200,000

Operating Budget Impact

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

Utility Infrastructure in NW Strategy Area (NSA)


Type:
Infrastructure

Project #: 41089

A/C #:
412-1437-533-0-6303

Location:
Northwest Neighborhood

Goal(s) Achieved:



Department:
Utility Special District

Project Status:
Designed

Project Rank: 2
High

Project Year:
FY 2018

Project Description

The replacement of utility infrastructure is needed as outlined in the Northwest Strategy Area (NSA) Master Plan.



Project Funding

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

Operating Budget Impact

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

Water Treatment Plant Generators

Type:
Equipment

Project #: 41224

A/C #:
415-1437-533-0-6305
413-1434-533-0-6305

Location:
Water Treatment Plant

Goal(s) Achieved:



Department:
Utility Special District

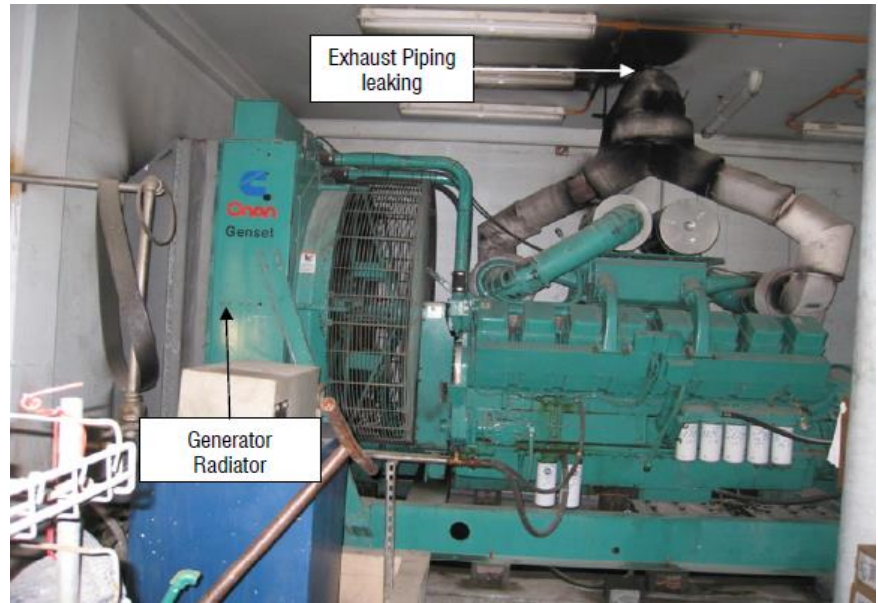
Project Status:
Working with engineers

Project Rank: 2
High

Project Year:
FY2018

Project Description

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.





Project Funding

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

Operating Budget Impact

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

Fire Hydrant Replacement																											
<p>Type: Infrastructure</p> <p>Project #: 41092</p> <p>A/C #: 412-1430-533-0-6402</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p>  <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>There are approximately 1,100 fire hydrants in the USD water distribution system. USD employees will be used for the replacement of the hydrants.</p> 																										
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Other																											
Total																											

Garden Road Improvement																									
<p>Type: Infrastructure</p>	<p>Project Description</p> <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>																								
<p>Project #: 41207</p>																									
<p>A/C #: 415-1417-536-0-6302</p>																									
<p>Location: Garden Road</p>																									
<p>Goal(s) Achieved:</p>																									
	<p>Department: Utility Special District</p>																								
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<p>Project Year: FY2018</p>																									

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

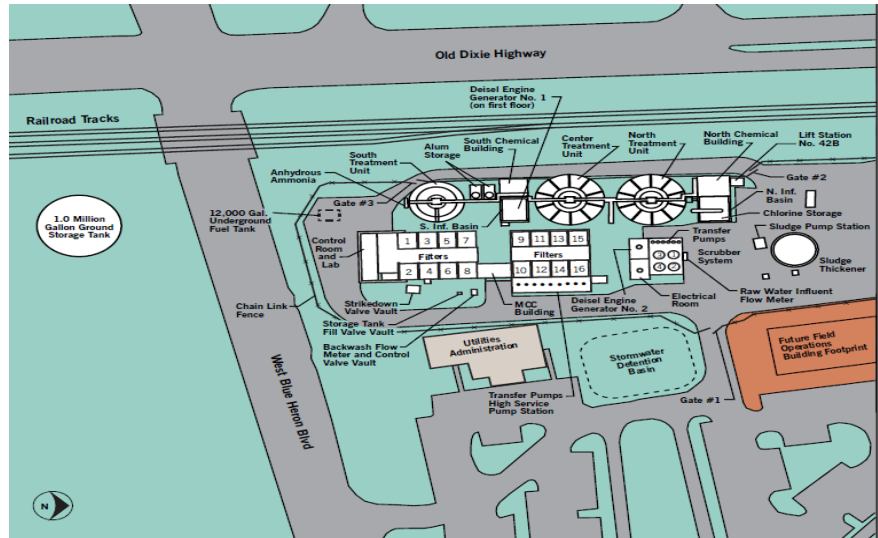
Project Status:
In progress

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		
Total	\$100,500	\$100,500



Operating Budget Impact



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



Lift Station #48 Culvert																																											
<p>Type: Infrastructure</p> <p>Project #: 41200</p> <p>A/C #: 413-1438-535-0-6301</p> <p>Location: West 6th Street/Avenue P</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Pending</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>Access to USD Lift Station #48 is through a north/south canal easement at the west end of 6th 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 style="text-align: center;">  </div> <p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Impact Fees</th> <th>Total</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>Operating Budget Impact</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <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> </tbody> </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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Lift Station Pump Replacement																									
<p>Type: Infrastructure</p> <p>Project #: 41093</p> <p>A/C #: 412-1438-533-0-6304</p> <p>Location: City-wide</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>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.</p> <div style="text-align: center;">  </div>																								
	<p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Renewal & Replacement</th> <th>Total</th> </tr> </thead> <tbody> <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> </tbody> </table>	Fiscal Year	Renewal & Replacement	Total	In Progress			2018	365,000	365,000	2019			2020			2021			2022			Total	\$365,000	\$365,000
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Lift Station Rehabilitation – Phase 2																																										
<p>Type: Infrastructure</p> <p>Project #: 41231</p> <p>A/C #: 412-1438-535-0-6305</p> <p>Location:</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Pending</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<div style="background-color: #e1eef6; padding: 5px;">Project Description</div> <p>The Water and Wastewater Master Plan has identified various lift station rehabilitations and improvements.</p> <div style="text-align: center;">  </div> <div style="background-color: #e1eef6; padding: 5px;">Project Funding</div> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Renewal & Replacement</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td style="text-align: right;">500,000</td> <td style="text-align: right;">500,000</td> </tr> <tr> <td>2019</td> <td style="text-align: right;">500,000</td> <td style="text-align: right;">500,000</td> </tr> <tr> <td>2020</td> <td style="text-align: right;">1,180,000</td> <td style="text-align: right;">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 style="text-align: right;">\$2,180,000</td> <td style="text-align: right;">\$2,180,000</td> </tr> </tbody> </table> <div style="background-color: #e1eef6; padding: 5px;">Operating Budget Impact</div> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="4">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> </tr> </tbody> </table>	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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Parallel Intra-coastal Force Main																										
<p>Type: Infrastructure</p> <p>Project #: 41228</p> <p>A/C #: 415-1417-536-0-6307</p> <p>Location: Singer Island</p> <p>Goal(s) Achieved:</p>  <p>Department: Utility Special District</p> <p>Project Status: Pending design work</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>The Water and Wastewater Master Plan has identified the need of a parallel subaqueous force main between Singer Island and the mainland.</p> 																									
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Perimeter Wall – Water Treatment Plant																											
<p>Type: City Facility</p>		<p>Project Description</p> <p>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).</p>																									
<p>Project #: 41225</p>																											
<p>A/C #: 415-1437-533-0-6306</p>																											
<p>Location: Water Treatment Plant</p>																											
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<p>Project Rank: 3</p> <p>Low</p>																											
<p>Project Year: FY2018</p>																											

Softening Units Replacement																																																		
<p>Type: Infrastructure</p> <p>Project #: 41214</p> <p>A/C #: 415-1437-533-0-6401</p> <p>Location: West Blue Heron Blvd.</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Work in progress</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <p>The Water and Wastewater Master Plan has identified the need to rehabilitate or replace the water treatment plant softening units.</p> <div style="text-align: center;">  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="background-color: #d9e1f2;">Project Funding</th> </tr> <tr> <th style="width: 25%;">Fiscal Year</th> <th style="width: 50%;">Capital Bonds</th> <th style="width: 25%;">Total</th> </tr> </thead> <tbody> <tr> <td>In Progress</td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td style="text-align: right;">3,253,000</td> <td style="text-align: right;">3,253,000</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 style="text-align: right;">\$3,253,000</td> <td style="text-align: right;">\$3,253,000</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="background-color: #d9e1f2;">Operating Budget Impact</th> </tr> <tr> <th style="width: 15%;">Type</th> <th style="width: 55%;">Description</th> <th style="width: 15%;">Amount</th> <th style="width: 15%;">Impact Year</th> </tr> </thead> <tbody> <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> </tbody> </table>	Project Funding			Fiscal Year	Capital Bonds	Total	In Progress			2018	3,253,000	3,253,000	2019			2020			2021			2022			Total	\$3,253,000	\$3,253,000	Operating Budget Impact				Type	Description	Amount	Impact Year	Personnel	Personnel hours and materials required.			Operating			Other			Total			
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Total																																																		

Utility Field Operations Building																																										
<p>Type: City Facility</p> <p>Project #: 41226</p> <p>A/C #: 415-1417-536-0-6301</p> <p>Location: Water Treatment Plant</p> <p>Goal(s) Achieved:</p> <div style="text-align: center;">  </div> <p>Department: Utility Special District</p> <p>Project Status: Pending design work</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>	<p>Project Description</p> <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 style="text-align: center;">  </div> <p>Project Funding</p> <table border="1"> <thead> <tr> <th>Fiscal Year</th> <th>Capital Bonds</th> <th>Total</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>Operating Budget Impact</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Description</th> <th>Amount</th> <th>Impact Year</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td rowspan="4">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> </tr> </tbody> </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			
Total	\$535,819	\$567,471	\$1,103,290

Operating Budget Impact

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

Facility Enhancement		Project Description			
<p>Type: City Facility</p> <p>Project #: 41203</p> <p>A/C #: 413-1417-536-0-6201</p> <p>Location: W. Blue Heron Boulevard</p> <p>Goal(s) Achieved:</p>  <p>Department: Utility Special District</p> <p>Project Status: On-going process</p> <p>Project Rank: 3 Low</p> <p>Project Year: FY2018</p>		<p>Enhancement of office.</p> 			
Project Funding					
Fiscal Year	Impact Fees			Total	
In Progress					
2018	500,000			500,000	
2019					
2020					
2021					
2022					
Total	\$500,000			\$500,000	
Operating Budget Impact					
Type	Description	Amount	Impact Year		
Personnel	Personnel hours and materials required.				
Operating					
Other					
Total					

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UTILITY SPECIAL DISTRICT

REVENUES AND EXPENSES

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

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

City of Riviera Beach
Utility Special District Expenses by Division

Account Title	FY 2015 Actual	FY 2016 Actual	FY 2017 Budget	FY 2018 Proposed
ADMINISTRATION	9,408,391	10,077,875	13,598,606	13,773,044
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 REIMBRUSEMENT	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
WATER DISTRIBUTION	3,434,182	1,944,520	1,724,856	1,912,620
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

Account Title	FY 2015 Actual	FY 2016 Actual	FY 2017 Budget	FY 2018 Proposed
WATER TREATMENT	5,013,014	4,688,901	3,835,526	4,445,606
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

Account Title	FY 2015 Actual	FY 2016 Actual	FY 2017 Budget	FY 2018 Proposed
WASTEWATER COLLECTION	5,042,803	5,187,923	5,887,644	6,541,909
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
TOTAL USD OPERATING FUND	22,898,390	21,899,219	25,046,631	26,673,179

City of Riviera Beach
Utility Special District Expenses by Division

Account Title	FY 2015 Actual	FY 2016 Actual	FY 2017 Budget	FY 2018 Proposed
USD - RENEWAL & REPLACEMENT				
OPERATING	850,000	850,000	850,000	850,000
CAPITAL OUTLAY	1,424,550	1,650,000	1,863,396	2,976,200
	2,274,550	2,500,000	2,713,396	3,826,200
USD - IMPACT FEES				
CAPITAL OUTLAY	8,625,000	8,214,000	8,214,000	7,129,900
	8,625,000	8,214,000	8,214,000	7,129,900
USD - DEBT SERVICE				
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
	1,987,019	1,770,925	4,558,334	4,261,525
USD - CAPITAL BOND PROJECTS				
CAPITAL OUTLAY	-	-	-	14,842,728
	-	-	-	14,842,728