

**UTILITIES**  
**CAPITAL IMPROVEMENTS PROGRAM**  
**FY 2019 - FY 2023**

(All figures in thousands of dollars)

**DRAFT --- DRAFT --- DRAFT**

**UPDATED 4/18/18 Mtg with Tom and Kristin**

PROJECT IDENTIFICATION	TOTAL PROJECT COST	Prior Years' Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
<b>UTILITY OPERATIONS TRANSFER FUNDING:</b>							
Water System Utility Relocation Misc. Projects	20 yrly	100	20	20	20	20	20
Watermain Renewal/Replacement Projects	200 yrly	1,000	200	200	200	200	200
Wastewater Gravity Sewer Replacement Projects	250 yrly	1,150	250	250	250	150	150
Wastewater Lift Station Renewal/Replacement Projects	100 yrly	700	100	100	100	200	200
Wastewater Inflow Abatement - Rehabilitation Structures	200 yrly	1,000	200	200	200	200	200
Wastewater Force Main Renewal/Replacement Projects	350 yrly	1,750	350	350	350	350	350
<b>UTILITY OPERATIONS TRANSFER FUNDING TOTAL</b>			<b>1,120</b>	<b>1,120</b>	<b>1120</b>	<b>1120</b>	<b>1120</b>
<b>OTHER SOURCES:</b>							
<b>Administrataion Projects</b>							
GIS Atlas (Mapping)	250	250					
Advanced Metering Infrastructure (AMI)	2,500	2,500					
<b>Wastewater Projects</b>							
Wastewater Treatment Plant Tank Coating	250				250		
Wastewater Treatment Plant Permit Renewal (FDEP)	75		75				
Wastewater Deep Injection Well Permit Renewal	75		75				
Wastewater Deep Injection Well Mechanical Integrity Test (MIT)	120			120			
Wastewater Treatment Plant DIW Pump Replacement	40		40				
Wastewater Treatment Plant Expansion	2,300		100	100	100	1000	1000
Wastewater - The Loop Forcemain Extension	3,300	1,800	1,500				
<b>Water Projects</b>							
Water Treatment Plant Phase 1 Ground Water (RO)	3,812	3,812					
Water Treatment Plant RO Well Field Construction	2,607	2,607					
Water Treatment Plant RO Deep Injection Well Construction	4,325	4,325					
Water Treatment Plant Construction (CMR)	29,634	29,634					
WTP - Bal Harbor Pressure Study	150			150			
WTP - Hendrickson Dam Inspection Program & Maintenance	25 bi-yrly	40	25		25		25
Water Hydro Biological Monitoring Plan (HBMP)	75			75			
WTP - Elevated Tank Coating	150		150				
WTP - SCU Tank Coating	200			200			
<b>OTHER SOURCES TOTAL</b>			<b>1,965</b>	<b>645</b>	<b>375</b>	<b>1,000</b>	<b>1,025</b>
<b>UTILITY FUND TOTAL</b>			<b>3,085</b>	<b>1,765</b>	<b>1,495</b>	<b>2,120</b>	<b>2,145</b>

## Capital Improvements Program

<b>Project Title:</b> UT Relocation Project To Be Determined																														
<b>Acct #:</b> 411-8423-533-63-09			<b>Project Code:</b> TBD																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service deliver and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft _____ Right of Way		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> FY 2019 -2023 Annual Project Relocate water and wastewater lines to accommodate non-programmed projects and/or work performed by FDOT, Charlotte County Public Works & Punta Gorda Public Works.																									
<b>3. Estimated Costs:</b> In Previous CIP    \$ _____ 0 In Present CIP    \$ _____ 0 Engineering        \$ _____ 20,000 Land                 \$ _____ Site                  \$ _____ Improvement       \$ _____ Construction       \$ _____ 80,000 Landscaping        \$ _____ Equipment          \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Relocation of existing lines. No additional operating cost.  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	UF _____	_____	_____	2 <sup>nd</sup> Yr.	UF _____	_____	_____	3 <sup>rd</sup> Yr.	UF _____	_____	_____	4 <sup>th</sup> Yr.	UF _____	_____	_____	5 <sup>th</sup> Yr.	UF _____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> FDOT programs roadway improvements in a 5 year CIP and also performs non-programmed projects. Charlotte County Public Works and City Public Works also perform non-programmed projects on an as needed basis. Once a non-programmed project is identified funds from TBD will be processed and a project code will be created to identify project and cost.	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	UF _____	_____	_____																											
2 <sup>nd</sup> Yr.	UF _____	_____	_____																											
3 <sup>rd</sup> Yr.	UF _____	_____	_____																											
4 <sup>th</sup> Yr.	UF _____	_____	_____																											
5 <sup>th</sup> Yr.	UF _____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> Water Main Renewal/Replacement Project To Be Determined																														
<b>Acct #:</b> 411-8423-533-63-21			<b>Project Code:</b> TBD																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.			<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service deliver and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																											
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft _____ RIGHT OF WAY		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed		<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																										
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift		<b>Project Description:</b> FY 2019 - 2023 TBD Funds provide renewal & replacement of existing water mains on an as needed basis. The end of life to water mains cannot be predicted with certainty. Replacement projects are based on water main breaks and Public Work projects. Annual projects are determined by operations staff to meet immediate needs. Funds unused are released at end of year. Major water main projects are programmed individually.																										
<b>3. Estimated Costs:</b> In Previous CIP    \$ _____ 0 In Present CIP    \$ _____ 0 Engineering        \$ _____ 200,000 Land                 \$ _____ Site                 \$ _____ Improvement       \$ _____ 0 Construction       \$ _____ 800,000 Landscaping       \$ _____ Equipment         \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs:  \$ _____ 0 Total					<b>Project Justification:</b> TBD projects may result from immediate need to maintain level of service to customers or to reduce costs responding to multiple repairs. Once a project is identified a project code will be created and funds will be transferred from TBD to the identified project.																							
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	UF _____	_____	_____	2 <sup>nd</sup> Yr.	UF _____	_____	_____	3 <sup>rd</sup> Yr.	UF _____	_____	_____	4 <sup>th</sup> Yr.	UF _____	_____	_____	5 <sup>th</sup> Yr.	UF _____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total				
	Local	State	Federal																											
1 <sup>st</sup> Yr.	UF _____	_____	_____																											
2 <sup>nd</sup> Yr.	UF _____	_____	_____																											
3 <sup>rd</sup> Yr.	UF _____	_____	_____																											
4 <sup>th</sup> Yr.	UF _____	_____	_____																											
5 <sup>th</sup> Yr.	UF _____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> Gravity Sewer Replacement Project To Be Determined																														
<b>Acct #:</b> 41-8536-535-6328			<b>Project Code:</b> TBD																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.			<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service deliver and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																											
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 250,000	\$ 250,000	\$ 250,000	\$ 150,000	\$ 150,000	\$ 1,050,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ _____ Sq Ft _____ RIGHT OF WAY		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed		<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																										
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift		<b>Project Description:</b> FY 2019 - 2023 Funds will renew & replace gravity sewer lines and restore asphalt pavement associated with sewer replacement. Old clay pipe gravity lines are candidate projects for replacement with PVC sewer pipe. Sewer relocation work is also coordinated with Public Works resurfacing and repaving projects. An increase in volume on Public Works paving projects has caused an increase to the amount programmed.																										
<b>3. Estimated Costs:</b> In Previous CIP    \$ _____ 0 In Present CIP    \$ _____ 0 Engineering        \$ _____ 210,000 Land                 \$ _____ Site                 \$ _____ Improvement       \$ _____ 0 Construction      \$ _____ 840,000 Landscaping       \$ _____ Equipment         \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs:  \$ _____ 0 Total		<b>Project Justification:</b> Renewal and replacement of gravity sewer is performed to maintain system capacity by reducing storm water infiltration. Clay pipe gravity sewer lines commonly contribute to storm water infiltration. Public Works projects are typically related to street reconstructions. Once a project is identified a project code will be created and funds from TBD will be transferred to cover cost.																										
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	Local	State	Federal																											
1 <sup>st</sup> Yr.	UF _____	_____	_____																											
2 <sup>nd</sup> Yr.	UF _____	_____	_____																											
3 <sup>rd</sup> Yr.	UF _____	_____	_____																											
4 <sup>th</sup> Yr.	UF _____	_____	_____																											
5 <sup>th</sup> Yr.	UF _____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> Lift Station Renewal/Replacement Project To Be Determined																														
<b>Acct #:</b> 411-8536-535-63-29			<b>Project Code:</b> TBD																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service deliver and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 100,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 200,000	\$ 700,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft _____ RIGHT OF WAY		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> FY 2019 - 2023 Annual Project Funds will design and Construct wastewater lift station rehabilitation or improvements on an as needed basis to maintain level of service.																									
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ _____ 140,000 Land \$ _____ Site \$ _____ Improvement \$ _____ 0 Construction \$ _____ 560,000 Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating costs.  \$ _____ 0 Total																												
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	Local	State	Federal																											
1 <sup>st</sup> Yr.	UF	_____	_____																											
2 <sup>nd</sup> Yr.	UF	_____	_____																											
3 <sup>rd</sup> Yr.	UF	_____	_____																											
4 <sup>th</sup> Yr.	UF	_____	_____																											
5 <sup>th</sup> Yr.	UF	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> Inflow Abatement Rehab Structures Project To Be Determined																														
<b>Acct #:</b> 411-8536-535-63-56			<b>Project Code:</b> TBD																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service deliver and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft _____ RIGHT OF WAY		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> FY 2019 - 2023 Annual Project for rehabilitation/ replacement includes interior coating of manholes and wet wells, installation of manhole inflow protectors, smoke testing, grouting and lining sewer lines of the City's wastewater collection system elements throughout the City's service area. Project implements strategies for reducing storm water infiltration.																									
<b>3. Estimated Costs:</b> In Previous CIP    \$ _____ 0 In Present CIP    \$ _____ 0 Engineering        \$ _____ 200,000 Land                \$ _____ Site                 \$ _____ Improvement      \$ _____ Construction      \$ _____ 800,000 Landscaping       \$ _____ Equipment         \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs:  \$ _____ 0 Total																												
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	Local	State	Federal																											
1 <sup>st</sup> Yr.	UF	_____	_____																											
2 <sup>nd</sup> Yr.	UF	_____	_____																											
3 <sup>rd</sup> Yr.	UF	_____	_____																											
4 <sup>th</sup> Yr.	UF	_____	_____																											
5 <sup>th</sup> Yr.	UF	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> Force Main Renewal/Replacement Project To Be Determined																														
<b>Acct #:</b> 411-8536-535-63-67			<b>Project Code:</b> TBD																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.			<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service deliver and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																											
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 1,750,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ _____ Sq Ft _____ _____ RIGHT OF WAY		<b>5. Status of Project:</b> _____ x Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed		<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																										
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired _____ x Publicly Owned _____ No Land Involved _____ Gift		<b>Project Description:</b> FY 2019 - 2023 Annual Projects may be determined by Operations staff to meet immediate needs. Projects will replace existing Ductile Iron Pip (DIP) with PVC pipe.																										
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ _____ 350,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ 1,400,000 Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating cost.																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">UF _____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	UF _____	_____	_____	2 <sup>nd</sup> Yr.	UF _____	_____	_____	3 <sup>rd</sup> Yr.	UF _____	_____	_____	4 <sup>th</sup> Yr.	UF _____	_____	_____	5 <sup>th</sup> Yr.	UF _____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  _____ X No Effect \$ _____ Total		<b>Project Justification:</b> Rehabilitation and improvements to existing facilities are needed as a result of end of service life and changes to the utilities system for growth or other capital projects. Force main breaks cannot be predicted with certainty. Once a project is identified a project code will be created and funds will be transferred.		
	Local	State	Federal																											
1 <sup>st</sup> Yr.	UF _____	_____	_____																											
2 <sup>nd</sup> Yr.	UF _____	_____	_____																											
3 <sup>rd</sup> Yr.	UF _____	_____	_____																											
4 <sup>th</sup> Yr.	UF _____	_____	_____																											
5 <sup>th</sup> Yr.	UF _____	_____	_____																											

**Capital Improvements Program  
Carryover from FY 2018**

<b>Project Title:</b> GIS Atlas (Utility Mapping)						
<b>Acct #:</b> 411-0000-536-31-00			<b>Project Code:</b> UTAT11			
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service deliver and quality aesthetic appeal. Maximize use of new technology in applicable areas.		
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>
\$ 250,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 250,000
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft N/A		<b>5. Status of Project:</b> _____ x Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration <b>Contact Person:</b> Tom Jackson	
<b>2. Building Construction Cost:</b> _____ Sq. Ft. _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired _____ Publicly Owned _____ x No Land Involved _____ Gift			<b>Project Description:</b> FY 2018-FY 2019 The project will develop a GIS based mapping system of water and wastewater facilities. The GIS system will provide a record of utility facilities to support the operations of the Utility System.  Prepare Design Report and begin GIS Mapping of utility facilities	
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ _____ 250,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ 83,000 Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: TBD  \$ _____ 0 Total Annually			FUTURE YEARS Complete GIS mapping, develop Utility Atlas, develop asset and financial management applications through with new position to support Utility GIS functions	
<b>4. Sources of Financing:</b> Local State Federal 1 <sup>st</sup> Yr. _____ 2 <sup>nd</sup> Yr. _____ 3 <sup>rd</sup> Yr. _____ 4 <sup>th</sup> Yr. _____ 5 <sup>th</sup> Yr. _____		<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues _____ X No Effect \$ _____ Total			<b>Project Justification:</b> A GIS data base will compile and maintain records of utility facilities and operational data. The GIS data base will support multiple missions, Utility mapping, operational records management, asset and financial management.	

**Capital Improvements Program  
Carryover from FY 2018**

<b>Project Title:</b> Advanced Metering Infrastructure (AMI)						
<b>Acct #:</b> 411-8423-533-6403			<b>Project Code:</b> AMIMTR			
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure sufficient and effective service delivery and quality aesthetic appeal. Maximize use of new technology in applicable areas.		
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>
\$ 2,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>1. Land Cost:</b> ____ Acres ____ Front Ft ____ Sq Ft		<b>5. Status of Project:</b> ____ Preliminary Estimate ____ Survey in Progress <input checked="" type="checkbox"/> Plans in Preparation ____ Completed			<b>Department:</b> Utilities Administration <b>Contact Person:</b> Tom Jackson	
<b>2. Building Construction Cost:</b> ____ Sq. Ft. ____ Equipment N/A		<b>6. Status of Land Acquisition:</b> ____ Not Yet Acquired ____ Partly Acquired ____ Publicly Owned ____ No Land Involved ____ Gift			<b>Project Description:</b> Replace existing water meters which require monthly on-site meter reading with new water meters with electronic data transfer capability to reduce on-site meter reading. FY 2017 - FY 2019 Select vendor, award contract, begin meter change out	
<b>3. Estimated Costs:</b> In Previous CIP \$ 2,500,000 In Present CIP \$ 0 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ 2,500,000		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Savings from reduced change outs may be used to reserve for future change out needs. \$ 0 Total			Future Review 10yr meter change out program. Reserve may be needed as all meters are new and may require change out at approx. same time.	
<b>4. Sources of Financing:</b> 1 <sup>st</sup> Yr. Local UF State Federal 2 <sup>nd</sup> Yr. _____ 3 <sup>rd</sup> Yr. _____ 4 <sup>th</sup> Yr. _____ 5 <sup>th</sup> Yr. _____		<b>8. Effect on income (+ or -):</b> ____ Loss of Taxes ____ Gain From Sale of Previous Facility ____ New Revenues <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> Update water meters with technology to collect daily or monthly water use data and remotely transmit data to a collector or to a central office computer. System will reduce labor of reading water meters with monthly on-site read cycles.	

\* FUNDING SOURCES (SEE PAGE 8.05)

## Capital Improvements Program

<b>Project Title:</b> Wastewater Treatment Plant Tank Coating																														
<b>Acct #:</b>			<b>Project Code:</b> WWTC21																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Apply best management practices and systems in infrastructure maintenance.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 0	\$ 0	\$ 250,000	\$ 0	\$ 0	\$ 250,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft N/A		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> FY 2019 - 2023 replace interior coating system in our wastewater equalization tank. There are two tanks at the MPF and two tanks at the BPF. Coating replacement is on a rotational schedule based on need every 2-5 years.																									
<b>3. Estimated Costs:</b> In Previous CIP   \$ _____ 0 In Present CIP    \$ _____ 0 Engineering        \$ _____ Land                 \$ _____ Site                 \$ _____ Improvement       \$ _____ 250,000 Construction       \$ _____ Landscaping        \$ _____ Equipment          \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating cost.  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	_____	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	UF	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> Interior tank coating system has a warranty of 2-5 years. Annual inspection will be performed. when a coating failure is detected outside of the warranty period, the coating system will be replaced. Coating system is needed to protect concrete surfaces from wastewater.	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	_____	_____	_____																											
2 <sup>nd</sup> Yr.	_____	_____	_____																											
3 <sup>rd</sup> Yr.	UF	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> Wastewater Treatment Plant Permit Renewal (FDEP)																														
<b>Acct #:</b> 411-8711-535-63-31			<b>Project Code:</b> WWPERM																											
<b>Project Priority:</b> Partnerships, Communication & Collaboration - Continue to promote partnership, communication and transparency with all stakeholders.				<b>Goal:</b> Emphasize transparency in City operations, reporting and activities.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 75,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft N/A		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b>  _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b>  _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> FY 2019 The WWTP is required to maintain an operating permit issued by the Florida Department of Environmental Protection. Permit compliance requires renewal at 5 year intervals. Funds are needed for engineering services to prepare permit application materials prior to September 2019.																									
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ _____ 75,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Permit renewal only. No additional operating cost.  \$ _____ 0 Total			<b>Project Justification:</b> Florida Department of Regulation will require renewal of the WWTP operating permit in 2019. Current permit is valid September 2014 - September 2019.																									
<b>4. Sources of Financing:</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	UF	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b>  _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total				
	Local	State	Federal																											
1 <sup>st</sup> Yr.	UF	_____	_____																											
2 <sup>nd</sup> Yr.	_____	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> WWTP Deep Injection Well Permit Renewal (FDEP)																														
<b>Acct #:</b> 411-8711-535-63-31			<b>Project Code:</b> DWPERM																											
<b>Project Priority:</b> Partnerships, Communication & Collaboration - Continue to promote partnerships, communication and transparency with all stakeholders.				<b>Goal:</b> Emphasize transparency in City operations, reporting and activities.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 75,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft N/A		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> FY 2019 The WWTP effluent disposal deep well is regulated by an Underground Injection Control (UIC) permit. Permit compliance requires renewal at 5 year intervals.																									
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ _____ 75,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Permit renewal only. No additional operating cost.  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	UF	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> Florida Department of Regulation will require renewal of the UIC permit by 2019.	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	UF	_____	_____																											
2 <sup>nd</sup> Yr.	_____	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> WWTP Deep Injection Well Mechanical Integrity Testing (MIT)																														
<b>Acct #:</b> 411-8711-535-63-31			<b>Project Code:</b> DWMIT																											
<b>Project Priority:</b> Partnerships, Communication & Collaboration - Continue to promote partnerships, communication and transparency with all stakeholders.				<b>Goal:</b> Emphasize transparency in City operations, reporting and activities.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 0	\$ 120,000	\$ 0	\$ 0	\$ 0	\$ 120,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft N/A		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> FY 2020 The WWTP effluent disposal well is regulated by an Underground Injection Control (UIC) permit. Permit compliance requires Mechanical Integrity Testing (MIT) at 5 year intervals. Project will perform MIT for the required period.																									
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ _____ 120,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: Required testing for permit renewal. No additional operating cost.  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	_____	_____	_____	2 <sup>nd</sup> Yr.	UF	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> MIT is required by UIC permit	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	_____	_____	_____																											
2 <sup>nd</sup> Yr.	UF	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> WWTP Deep Injection Well Pump Replacement																														
<b>Acct #:</b> 411-8711-535-63-31			<b>Project Code:</b> DWPUMP																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Maintain and enhance the City's Infrastructure to ensure efficient and effective service deliver and quality aesthetic appeal.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 40,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 80,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft N/A		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> FY 2019 Change out pump 3  FY 2017 and FY 2018 each had a change of pump. FY 2019 is the final pump as scheduled in previous CIP.																									
<b>3. Estimated Costs:</b> In Previous CIP    \$ _____ 0 In Present CIP    \$ _____ 0 Engineering        \$ _____ Land                 \$ _____ Site                  \$ _____ Improvement      \$ _____ Construction      \$ _____ Landscaping        \$ _____ Equipment         \$ _____ 40,000		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating cost.  \$ _____ 0 Total			<b>Project Justification:</b> The effluent pump station was constructed in 2001 with two duty pumps and one jockey pump. The City added high level disinfection to the effluent process in 2015. The pump materials are not designed to handle the chlorine added by high level disinfection. Three new pumps designed for chemical resistance are recommended.																									
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	UF	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total				
	Local	State	Federal																											
1 <sup>st</sup> Yr.	UF	_____	_____																											
2 <sup>nd</sup> Yr.	_____	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> WWTP EXPANSION																																		
<b>Acct #:</b> 411-8711-535-63-31			<b>Project Code:</b> WWPEXP																															
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.			<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Apply best management practices & systems in infrastructure maintenance.																															
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																												
\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	\$ 1,000,000	\$ 2,500,000																												
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft		<b>5. Status of Project:</b> _____ x Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration <b>Contact Person:</b> Tom Jackson																													
<b>2. Building Construction Cost:</b> _____ Sq. Ft. _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired _____ x Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> FY 2018-2019 The DEP Rule requires the City to monitor flow rates of WWTP treatment and if flow rates reach 75% of the plant design flow capacity, a WWTP Expansion design report is required. Flow rates indicate the 75 % condition is expected to occur within 5 years. Design report to identify future alternatives of WWTP expansion is currently under way. FY 2020-2023 funding is set aside to implement an alternative. Additional funding may still be needed.																													
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ _____ 500,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ 2,000,000 Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs:  \$ _____ 0 Total			<b>Project Justification:</b> A planed approach for WWTP capacity and expansion is required by DEP rule when the capacity of the WWTP reaches 75% of the permitted capacity.																													
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">Local</td> <td style="text-align: center;">State</td> <td style="text-align: center;">Federal</td> </tr> <tr> <td></td> <td style="text-align: center;">UF</td> <td></td> <td></td> </tr> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </table>			Local	State	Federal		UF			1 <sup>st</sup> Yr.	_____	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  _____ x No Effect \$ _____ Total				
	Local	State	Federal																															
	UF																																	
1 <sup>st</sup> Yr.	_____	_____	_____																															
2 <sup>nd</sup> Yr.	_____	_____	_____																															
3 <sup>rd</sup> Yr.	_____	_____	_____																															
4 <sup>th</sup> Yr.	_____	_____	_____																															
5 <sup>th</sup> Yr.	_____	_____	_____																															

## Capital Improvements Program

<b>Project Title:</b> The Loop Force Main Extension																														
<b>Acct #:</b> 411-8711-535-63-67			<b>Project Code:</b> LOOP21																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.			<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient and effective service delivery and quality aesthetic appeal. Maximize use of new technology in applicable areas.																											
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 1,800,000	\$ 1,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,300,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b>  _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b>  _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> FY 2019 The Project will construct a new 14" force main on Jones Loop Road between the Seminole Gulf RR and Piper Rd. This pipeline is identified in the 2006 Water and Wastewater Master Plan. The force main is needed to provide increased capacity for wastewater transmission originating in the south half of the service area. Currently all wastewater west of I-75 is dependent upon one 14" force main in Henry Street. Engineering evaluation completed for this project has indicated the need to replace Lift Station 60 with greater capacity wet well and pumps.																									
<b>3. Estimated Costs:</b> In Previous CIP    \$ _____ 0 In Present CIP    \$ _____ 0 Engineering        \$ _____ 300,000 Land                \$ _____ Site                 \$ _____ Improvement      \$ _____ Construction      \$ _____ 3,000,000 Landscaping       \$ _____ Equipment         \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs:  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local UIF</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local UIF	State	Federal	1 <sup>st</sup> Yr.	_____	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b>  _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> The project is needed to meet future wastewater transmission capacity requirements, and to provide improved reliability of the wastewater transmission system by providing a second pathway to the WWTP.	
	Local UIF	State	Federal																											
1 <sup>st</sup> Yr.	_____	_____	_____																											
2 <sup>nd</sup> Yr.	_____	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> Phase 1 Ground Water (RO)																														
<b>Acct #:</b> 411-8422-533-65-02			<b>Project Code:</b> PH1GW																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 3,812,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,812,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft _____ City Owned Property		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> This project will construct a 4 MGD RO WTP Improvement. The project cost estimate has been updated 40,378,000 based on 90% plans & CMAR cost estimate.  Phase 1 ground water consists: of all engineering for well fields, deep injection well and RO plant: and engineering inspections for construction of the RO plant.  FY 2015-FY 2018 RO plant - Engineering service to design and permit RO facility as final phase of project.																									
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ 3,812,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ 128,000 Other Costs: net operating cost increase for all 4 RO projects  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	_____	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> Plan, design, & construct WTP improvement projects to meet regulatory requirements & water use forecast as defined in the March 2009 Water Supply Master Plan. RO will need to be completed in phases through permitting and testing of Phase I & II - Permitting & well fields Phase III -Permitting & Injection well Phase IV - Permitting & RO facility	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	_____	_____	_____																											
2 <sup>nd</sup> Yr.	_____	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> RO - Well Field Construction																														
<b>Acct #:</b> 411-8422-533-65-02			<b>Project Code:</b> RO-WEL																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.			<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																											
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 2,607,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,607,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft _____ City Owned Property		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> This project will construct a 4 MGD RO WTP Improvement. The project cost estimate has been updated to \$40,378,000 based on 90% plans & CMAR cost estimate.  FY2015 - FY2018 Construct well field for 5 MGD raw water supply																									
<b>3. Estimated Costs:</b> In Previous CIP    \$ _____ 0 In Present CIP    \$ _____ 0 Engineering        \$ _____ Land                 \$ _____ Site                  \$ _____ Improvement       \$ _____ Construction       \$ 2,607,000 Landscaping        \$ _____ Equipment          \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ 128,000 Other Costs: net operating cost increase for all 4 RO projects  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	_____	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> Plan, design, & construct WTP improvement projects to meet regulatory requirements & water use forecast as defined in the March 2009 Water Supply Master Plan. RO will need to be completed in phases through permitting and testing of Phase I & II - Permitting & Well fields Phase III -Permitting & Injection Well Phase IV - Permitting & RO facility	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	_____	_____	_____																											
2 <sup>nd</sup> Yr.	_____	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> RO - Deep Injection Well																														
<b>Acct #:</b> 411-8422-533-65-02			<b>Project Code:</b> RO-DIW																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 4,325,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,325,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft _____ City Owned Property		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> This project will construct a 4 MGD RO WTP Improvement. The project cost estimate has been updated to \$40,378,000 based on 90% plans & CMAR cost estimate. This project is the concentrate disposal system of the Punta Gorda RO project described in the Tetra Tech Preliminary Design Report. FY 2015: Submit DEP Application for DIW FY 2016 - FY 2018: Bid & Construct Concentrate disposal system of RO project																									
<b>3. Estimated Costs:</b> In Previous CIP    \$ _____ 0 In Present CIP    \$ _____ 0 Engineering        \$ _____ Land                 \$ _____ Site                  \$ _____ Improvement       \$ _____ Construction       \$ 4,325,000 Landscaping        \$ _____ Equipment          \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ 128,000 Other Costs: net operating cost increase for all 4 RO projects  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	_____	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> Plan, design, & construct WTP improvement projects to meet regulatory requirements & water use forecast as defined in the March 2009 Water Supply Master Plan. RO will need to be completed in phases through permitting and testing of Phase I & II - Permitting & Well fields Phase III -Permitting & Injection Well Phase IV - Permitting & RO facility	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	_____	_____	_____																											
2 <sup>nd</sup> Yr.	_____	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> Phase 1 Ground Water (RO) Reverse Osmosis Plant - CONSTRUCTION																														
<b>Acct #:</b> 411-8422-533-65-04			<b>Project Code:</b> RO-CMR																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.			<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																											
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 29,634,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 29,634,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft _____ City Owned Property		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> This project will construct a 4 MGD RO WTP Improvement. The project cost estimate has been updated to \$40,378,000 based on 90% plans & CMAR cost estimate.																									
<b>3. Estimated Costs:</b> In Previous CIP    \$ _____ 0 In Present CIP    \$ _____ 0 Engineering        \$ _____ Land                 \$ _____ Site                  \$ _____ Improvement       \$ _____ Construction       \$ 29,634,000 Landscaping        \$ _____ Equipment          \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ 128,000 Other Costs: net operating cost increase for all 4 RO projects  \$ _____ 0 Total					FY 2016 - FY 2019 Value engineer, bid and construct R.O. Facility																							
<b>4. Sources of Financing:</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	_____	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> Plan, design, & construct WTP improvement projects to meet regulatory requirements & water use forecast as defined in the March 2009 Water Supply Master Plan. RO will need to be completed in phases through permitting and testing of Phase I & II - Permitting & Well fields Phase III -Permitting & Injection Well Phase IV - Permitting & RO facility	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	_____	_____	_____																											
2 <sup>nd</sup> Yr.	_____	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> WTP Bal Harbor Pressure Study																														
<b>Acct #:</b> 411-8422-533-65-02			<b>Project Code:</b> BHSTDY																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 0	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 150,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft N/A		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> Investigate water pressure conditions in the PGI areas West and South of Bal Harbor Blvd. Use data collection and hydraulic model to identify where and why pressure drop occurs. Identify methods to reduce pressure loss in water system.																									
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ _____ 150,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs:  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	UF	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> WTP staff has documented a 20 psi differential between monitoring stations Tropicana and La Costa. Staff is seeking to improve water pressure in the La Costa zone.	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	UF	_____	_____																											
2 <sup>nd</sup> Yr.	_____	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> WTP Hendrickson Dam Inspection Program and Management																														
<b>Acct #:</b> 411-8422-533-63-30			<b>Project Code:</b> DAMINS																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Apply best management practices and systems in infrastructure maintenance.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 25,000	\$ 0	\$ 25,000	\$ 0	\$ 25,000	\$ 75,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft N/A		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b>  FY 2019; FY 2021; FY 2023 Funds are programmed for dam inspection and report documenting the condition of the dam components and recommending maintenance and rehabilitation.																									
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ _____ 75,000 Land \$ _____ Site \$ _____ Improvement \$ _____ Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating cost.  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	UF	_____	_____	2 <sup>nd</sup> Yr.	_____	_____	_____	3 <sup>rd</sup> Yr.	UF	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	UF	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> Hendrickson Dam impounds water from shell creek to provide a water supply reservoir for the WTP. The dam was constructed in 1965 and a major rehabilitation of the spillway was completed in FY 2010. Operational protocol of the dam facilities provides for annual dam inspections to monitor and document conditions of the dam components. A maintenance program and capital project are developed to address deficiencies. A specialized engineering firm will be engaged to perform dam inspections and to develop recommendations for maintenance and rehabilitation projects. Funds are programmed for bi-annual inspections and reports.	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	UF	_____	_____																											
2 <sup>nd</sup> Yr.	_____	_____	_____																											
3 <sup>rd</sup> Yr.	UF	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	UF	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> WTP Hydro Biological Monitoring Plan																														
<b>Acct #:</b> 411-8422-533-31-14			<b>Project Code:</b> WPHBMP																											
<b>Project Priority:</b> Quality of Life - Enhance and promote Punta Gorda's attractive neighborhoods & working environment, heritage tourism, cultural opportunities, healthy eco-system and outdoor lifestyle and its vibrant, safe city status.				<b>Goal:</b> Improve the City's water quality.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 0	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 75,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft _____ N/A		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment _____ N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> FY 2020 SWFWMD water use permit requires a sampling and testing plan to document biological conditions of Shell Creek. Testing and sampling is required on a monthly basis each year and a summary report is required on a 5 year cycle. The cost of the summary report is budgeted for \$75,000 on a 5 year recurring cycle. The 2015 Summary report is currently in progress.																									
<b>3. Estimated Costs:</b> In Previous CIP    \$ _____ 0 In Present CIP    \$ _____ 0 Engineering        \$ _____ 75,000 Land                \$ _____ Site                 \$ _____ Improvement      \$ _____ Construction      \$ _____ Landscaping       \$ _____ Equipment         \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs: No additional operating cost.  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	_____	_____	_____	2 <sup>nd</sup> Yr.	UF	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> The City Water Treatment Plant (WTP) obtains source water from Shell Creek, authorized by a water use permit (WUP) issued by SWFWMD. The WUP requires the City to perform water quality testing, complete data and furnish a technical report to demonstrate permitted water use complies with regulatory standards. The composite activities consisting of water sampling, testing, data analysis, and preparation of a 5 year technical summary report are assigned the term Hydro Biological Monitoring Plan.	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	_____	_____	_____																											
2 <sup>nd</sup> Yr.	UF	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> WTP Elevated Tank Coating																														
<b>Acct #:</b> 411-8422-533-65-02			<b>Project Code:</b> WP-ETC																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 0	\$ 150,000	\$ 0	\$ 0	\$ 0	\$ 150,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b>  The WTP utilizes 4 on-site tanks and two off-site tanks to store treated water. The inside of the tanks require inspection on a 5 year schedule. The project will hire a tank engineering company to perform inspection of tank interiors on a 5 year return frequency.  FY 2020 The Elevated Storage Tank requires replacement of interior and exterior coating.																									
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ 150,000 Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs:  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	_____	_____	_____	2 <sup>nd</sup> Yr.	UF	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> Provide inspections and maintenance to water storage tanks to maintain reliable service.	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	_____	_____	_____																											
2 <sup>nd</sup> Yr.	UF	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
4 <sup>th</sup> Yr.	_____	_____	_____																											
5 <sup>th</sup> Yr.	_____	_____	_____																											

## Capital Improvements Program

<b>Project Title:</b> WTP Solid Contact Unit (SCU) Tank Coating																														
<b>Acct #:</b> 411-8422-533-65-02			<b>Project Code:</b> SCU-TC																											
<b>Project Priority:</b> Infrastructure Sustainability - Maintain and enhance the City's capital assets and quality municipal services.				<b>Goal:</b> Maintain and enhance the City's infrastructure to ensure efficient service delivery and quality aesthetic appeal. Apply best management practices and systems in infrastructure maintenance.																										
<b>Previous Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>Total Cost</b>																								
\$ 0	\$ 0	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 200,000																								
<b>1. Land Cost:</b> _____ Acres _____ Front Ft _____ Sq Ft		<b>5. Status of Project:</b> <input checked="" type="checkbox"/> Preliminary Estimate _____ Survey in Progress _____ Plans in Preparation _____ Completed			<b>Department:</b> Utilities Administration  <b>Contact Person:</b> Tom Jackson																									
<b>2. Building Construction Cost:</b> _____ Sq. Ft.  _____ Equipment N/A		<b>6. Status of Land Acquisition:</b> _____ Not Yet Acquired _____ Partly Acquired <input checked="" type="checkbox"/> Publicly Owned _____ No Land Involved _____ Gift			<b>Project Description:</b> The inside concrete surface of the South SCU treatment unit is showing age related pitting of the concrete surface. The project will clean and and apply tank coating system to restore the interior tank surface.																									
<b>3. Estimated Costs:</b> In Previous CIP \$ _____ 0 In Present CIP \$ _____ 0 Engineering \$ _____ Land \$ _____ Site \$ _____ Improvement \$ _____ 200,000 Construction \$ _____ Landscaping \$ _____ Equipment \$ _____		<b>7. Effect of Operating Cost (+ or -):</b> \$ _____ Personal Services \$ _____ Contractual for Services \$ _____ Equipment \$ _____ Other Costs:  \$ _____ 0 Total																												
<b>4. Sources of Financing:</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Local</th> <th style="text-align: center;">State</th> <th style="text-align: center;">Federal</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>2<sup>nd</sup> Yr.</td> <td style="text-align: center;">UF</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>3<sup>rd</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>4<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>5<sup>th</sup> Yr.</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>			Local	State	Federal	1 <sup>st</sup> Yr.	_____	_____	_____	2 <sup>nd</sup> Yr.	UF	_____	_____	3 <sup>rd</sup> Yr.	_____	_____	_____	4 <sup>th</sup> Yr.	_____	_____	_____	5 <sup>th</sup> Yr.	_____	_____	_____	<b>8. Effect on income (+ or -):</b> _____ Loss of Taxes _____ Gain From Sale of _____ Previous Facility _____ New Revenues  <input checked="" type="checkbox"/> No Effect \$ _____ Total			<b>Project Justification:</b> The project is normal maintenance for concrete water treatment basins. Re-coating is anticipated over a 15 year planning period.	
	Local	State	Federal																											
1 <sup>st</sup> Yr.	_____	_____	_____																											
2 <sup>nd</sup> Yr.	UF	_____	_____																											
3 <sup>rd</sup> Yr.	_____	_____	_____																											
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5 <sup>th</sup> Yr.	_____	_____	_____																											