

CONSTRUCT 300,000-GALLON WATER STORAGE TANK AND DEMOLISH EXISTING TANK

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 621,000

Project Description

Construction of a 300,000-gallon water storage tank on the site of the Barefoot Bay Water Treatment Plant and demolition of the existing ground storage tank. May be procured from state or other cooperative agreement.

Service Impact

The existing 300,000 gallon steel ground water storage tank was installed in 1970 and has corroded internally to the point of failure. Rehabilitation of the existing tank is not a reliable option due to the unknown strength of the tank sidewalls. Construction of a new tank is less expensive than trying to rehabilitate the existing tank.



Project Milestones

Barefoot Bay Water
Design complete September 2017
Construction complete September 2018

Start Date: 04/01/16 **End Date:** 09/30/18

Project Manager: Craig Helping

Funded Program: 6984314

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 621,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 621,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 621,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 621,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ 25,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000
Construction	\$ -	\$ -	\$ -	\$ 465,000	\$ -	\$ -	\$ -	\$ 465,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ 25,000	\$ 80,000	\$ 465,000	\$ -	\$ -	\$ -	\$ 570,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

MODIFY AIR PIPING AND RELOCATE BLOWERS

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 750,000

Project Description

Relocate blowers out of air conditioned space and replace air pipeline with above-ground stainless steel. May be procured from state or other cooperative agreement.



Project Milestones

Barefoot Bay Wastewater
Construction complete September 2018

Service Impact

Blowers generate a lot of heat and should not be enclosed within air conditioned spaces. The air piping is underground and the gaskets have deteriorated causing air leaks.

Start Date: 10/01/16 **End Date:** 09/30/18

Project Manager: Craig Helping

Funded Program: 6540311

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Construction	\$ -	\$ -	\$ -	\$ 650,000	\$ -	\$ -	\$ -	\$ 650,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ 100,000	\$ 650,000	\$ -	\$ -	\$ -	\$ 750,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REPLACE RECLAIMED WATER PIPE TO GOLF COURSE

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 400,000

Project Description

Replace existing RCJP reclaimed water pipe to the golf course with an appropriately sized PVC or HDPE pipeline. May be procured from state or other cooperative agreement.



Project Milestones

Barefoot Bay Wastewater
Construction complete September 2018

Service Impact

The existing reclaimed water pipe to the golf course is oversized and an unsuitable material for the purpose.

Start Date: 10/01/16 **End Date:** 09/30/18

Project Manager: Craig Helping

Funded Program: 6986301

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
Construction	\$ -	\$ -	\$ -	\$ 340,000	\$ -	\$ -	\$ -	\$ 340,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ 60,000	\$ 340,000	\$ -	\$ -	\$ -	\$ 400,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

WASTEWATER TREATMENT PLANT IMPROVEMENTS

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 95,255

Project Description

Improvements include replacement of the bar screen chute, upgrade of the internal recycle pumps, replace filter piping, install roof over sodium hypochlorite chemical tanks. May be procured from state or other cooperative agreement.

Service Impact

Replace or upgrade existing plant systems to improve operability, improve efficiency, and reduce operating and maintenance costs. Without these improvements plant operations will decline due to reduced efficiency and higher maintenance costs.



Project Milestones

Barefoot Bay Wastewater
Construction complete September 2018

Start Date: 10/01/16 **End Date:** 09/30/18

Project Manager: Craig Helping

Funded Program: 513908

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 95,255	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,255
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 95,255	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,255

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ 10,028	\$ -	\$ -	\$ -	\$ -	\$ 10,028
Construction	\$ -	\$ -	\$ -	\$ 85,227	\$ -	\$ -	\$ -	\$ 85,227
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ 10,028	\$ 85,227	\$ -	\$ -	\$ -	\$ 95,255

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

MIMS WTP VEHICLE STORAGE BUILDING

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 150,000

Project Description

Construct a Vehicle Storage Building for Mims Water Treatment Plant maintenance. May be procured from state or other cooperative agreement.



Project Milestones

Mims Water
Construction complete September 2018
Facilities

Service Impact

Provide covered storage to protect vehicles and other mobile equipment. Vehicle Storage Building will increase longevity of maintenance vehicles.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 6501107

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

DISINFECTION SYSTEM IMPROVEMENTS

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 170,000

Project Description

Replace disinfection system components. May be procured from state or other cooperative agreement.



Project Milestones

North Brevard Wastewater
Design complete September 2018
Construction complete September 2019

Service Impact

Replace disinfection system components that have been in service since 1986.

Start Date: 10/01/17 **End Date:** 09/30/19

Project Manager: Craig Helping

Funded Program: 6540109

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 170,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 170,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 170,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 170,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 20,000	\$ 150,000	\$ -	\$ -	\$ 170,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

EFFLUENT TRANSFER PUMPING SYSTEM IMPROVEMENTS

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 147,000

Project Description

Replace the effluent transfer pump system. May be procured from state or other cooperative agreement.



Project Milestones

North Brevard Wastewater
Construction complete September 2018

Service Impact

Ensure continuity of plant operations, improve efficiency, maintain Florida Department of Environmental Protection (FDEP) Permit compliance.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 6540113

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 147,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 147,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 147,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 147,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 147,000	\$ -	\$ -	\$ -	\$ 147,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 147,000	\$ -	\$ -	\$ -	\$ 147,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

NORTH BREVARD WWTP DRYING BED

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 100,000

Project Description

Construct a drying bed at North Brevard Wastewater Treatment Plant (NBWWTP) for dewatering of vacuum truck debris. May be procured from state or other cooperative agreement.

Service Impact

Drying bed at NBWWTP will save time and fuel by eliminating the need to drive 25 miles to use the bed at the Sykes Creek Wastewater Treatment Plant.



Project Milestones

North Brevard Wastewater
Construction complete September 2018

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Craig Helping

Funded Program: 6984108

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

RECLAIMED WATER PUMPING SYSTEM IMPROVEMENTS

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 131,000

Project Description

Add a second 100-horsepower reclaimed water pump and inverter duty motor for variable frequency drive. May be procured from state or other cooperative agreement.



Project Milestones

North Brevard Wastewater
Construction complete September 2018

Service Impact

A second reclaimed water pump is necessary as a redundant backup for the reclaimed water system.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Craig Helping

Funded Program: 6984107

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 131,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 131,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 131,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 131,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 131,000	\$ -	\$ -	\$ -	\$ 131,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 131,000	\$ -	\$ -	\$ -	\$ 131,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

GRAVITY J01 AND J02 EVALUATION

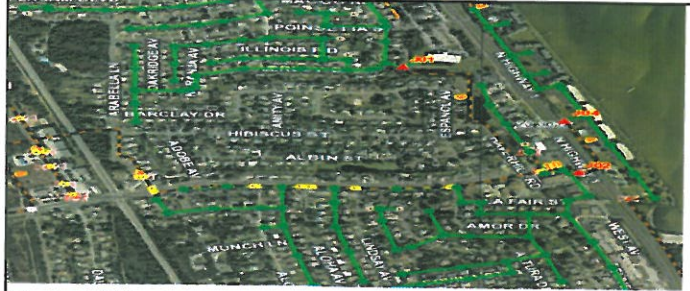
Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 50,000

Project Description

Evaluate gravity systems of J01 and J02. May be procured from state or other cooperative agreement.



Project Milestones

Port St John Wastewater
Design evaluation complete September 2018

Service Impact

These systems were constructed in the mid 1960s and have high rates of inflow and infiltration. This project would clean, televise, and smoke test all the lines and identify those needing rehabilitation.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 6981101

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

MANUAL BAR SCREEN REPLACEMENT

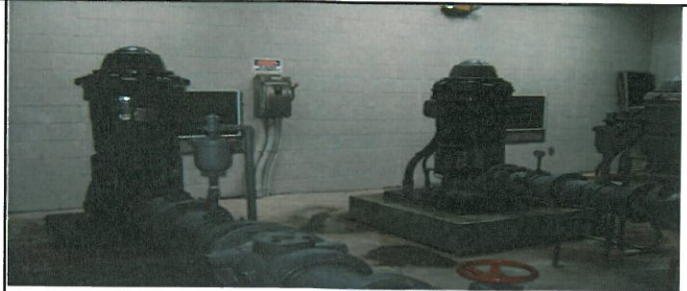
Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 50,000

Project Description

Replace manual bar screen. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
Construction complete September 2018

Service Impact

The manual bar screen is used to screen the influent when the mechanical bar screen is out-of-service for maintenance.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Craig Helping

Funded Program: 513875

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

ALUM TANK REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 150,000

Project Description

Replace existing Aluminum Sulfate (Alum) storage tank originally installed in 1998. The tank is Fiberglass Reinforced Plastic (FRP) and is nearing the end of its useful life. May be procured from state or other cooperative agreement.

Service Impact

New tank will provide continued service to facility in order to maintain uninterrupted service.



Project Milestones

South Central Wastewater
Construction complete September 2018

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 6540411

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

BAYTREE PRESSURE SUSTAINING VALVE REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 75,000

Project Description

Replace pressure sustaining valve. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater
Installation complete September 2018

Service Impact

The installation of this pressure sustaining valve will allow remote operation of the valve from the treatment plant. This will provide for more efficient distribution of reclaimed water.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 6538414

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 75,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T11 REHABILITATION

Department: Utility Services Department
Program: Water/Wastewater
Project Total: \$ 150,000
Project Description
 Reline wet well, upgrade panel, replace pumps, and add a generator. May be procured from state or other cooperative agreement.



Project Milestones
 South Central Wastewater
 Construction complete September 2018

Service Impact
 This station was constructed in 1984 and is in need of rehabilitation.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 6982436

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T17 REHABILITATION

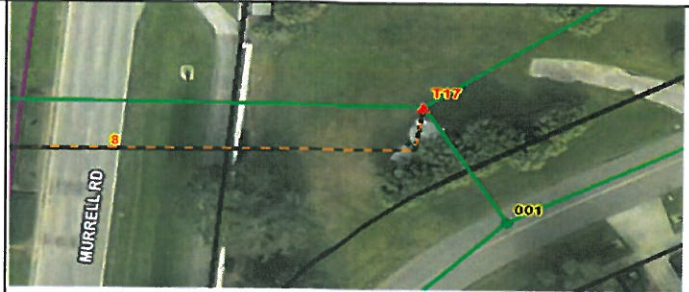
Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 150,000

Project Description

Repair valve box, upgrade pumps. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater

Initial rehabilitation work completed September 2018

Service Impact

This station was constructed in 1988 and some components are in need of rehabilitation.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 513905

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T23 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 209,000

Project Description

Upgrade control panel, replace pumps, no access drive. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater
Construction complete September 2018

Service Impact

This station was constructed in 1990 and is in need of rehabilitation.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 6982448

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 209,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 209,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 209,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 209,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 209,000	\$ -	\$ -	\$ -	\$ 209,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 209,000	\$ -	\$ -	\$ -	\$ 209,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T24 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 160,000

Project Description

Wet well is in poor condition, corrosion in control panel. No access from roadway (vegetation). May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater
Construction complete September 2018

Service Impact

This station was constructed in 1988 and is in need of rehabilitation.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 6982444

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 160,000	\$ -	\$ -	\$ -	\$ 160,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 160,000	\$ -	\$ -	\$ -	\$ 160,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T29 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 160,000

Project Description

Upgrade control panel, reline wet well, replace pumps. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater
Construction complete September 2018

Service Impact

This station was constructed in 1991 and is in need of rehabilitation.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 6982446

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 160,000	\$ -	\$ -	\$ -	\$ 160,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 160,000	\$ -	\$ -	\$ -	\$ 160,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T45 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 150,000

Project Description

Update control panel, repair wet well liner, replace pumps.
May be procured from state or other cooperative agreement.



Project Milestones

South Central
Construction complete September 2018

Service Impact

This station was constructed in 1994 and is in need of rehabilitation.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 513898

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FORCE MAIN C01 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 200,000

Project Description

Remove and replace approx. 1480 LF of 8" AC FM along Mustang Way. May be procured from state or other cooperative agreement.

Service Impact

The existing asbestos cement force main is brittle and has a history of breaking.



Project Milestones

Sykes Wastewater
 Design complete September 2018
 Construction complete September 2019

Start Date: 10/01/17 **End Date:** 09/30/19

Project Manager: Craig Helping

Funded Program: 6985210

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ 165,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 35,000	\$ 165,000	\$ -	\$ -	\$ 200,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FORCE MAIN M11 ON MERRITT AVENUE REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 135,000

Project Description

Remove and replace approx. 1000 linear feet of 8" asbestos cement force main along E. Merritt Ave. May be procured from state or other cooperative agreement.



Project Milestones

Sykes Wastewater
Construction Complete - September 2018

Service Impact

The existing asbestos cement force main is brittle and has a history of breaking.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Craig Helping

Funded Program: 6985208

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 135,000	\$ -	\$ -	\$ -	\$ 135,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 135,000	\$ -	\$ -	\$ -	\$ 135,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION F02 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 150,000

Project Description

Construct a new submersible lift station to replace the existing suction lift style lift station (including new wetwell, pumps, piping, valving, SCADA components, and fence. May be procured from state or other cooperative agreement.

Service Impact

This lift station was constructed in 1962, has exceeded its useful life and needs to be rehabilitated.



Project Milestones

Sykes Wastewater
Construction Complete - September 2018

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Craig Helping

Funded Program: 6982220

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION F11 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 47,500

Project Description

Rehabilitate lift station by replacing pumps and piping. May be procured from state or other cooperative agreement.



Project Milestones

Sykes Wastewater
Construction complete September 2018

Service Impact

This station was constructed in 1966 and is in need of rehabilitation.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 513895

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 47,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,500
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 47,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,500

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 47,500	\$ -	\$ -	\$ -	\$ 47,500
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 47,500	\$ -	\$ -	\$ -	\$ 47,500

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION R04 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 47,500

Project Description

Rehabilitate lift station by replacing pumps and piping. May be procured from state or other cooperative agreement.



Project Milestones

Sykes Wastewater
Construction complete September 2018

Service Impact

This station was constructed in 1986 and is in need of rehabilitation.

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Brian Sorensen

Funded Program: 513896

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 47,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,500
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 47,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,500

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 47,500	\$ -	\$ -	\$ -	\$ 47,500
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 47,500	\$ -	\$ -	\$ -	\$ 47,500

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

SYKES WWTP REUSE SYSTEM PUMPS REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 100,000

Project Description

Replace effluent reuse pumps at Sykes Creek Wastewater Treatment Plant (WWTP). Add variable frequency drive for motor control. May be procured from state or other cooperative agreement.

Service Impact

Replacing pumps will ensure continued service for our reuse customers. Variable frequency drives will ensure optimal energy efficiency.



Project Milestones

Sykes Wastewater
Construction complete September 2018

Start Date: 10/01/17 **End Date:** 09/30/18

Project Manager: Craig Helping

Funded Program: 6540208

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

BAREFOOT BAY WWTP SECONDARY CAPACITY GROUND STORAGE TANK

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 542,000

Project Description

Install a second water ground storage tank at the Barefoot Bay Water Treatment Plant. May be procured from state or other cooperative agreement.



Project Milestones

Barefoot Bay Water
Construction complete September 2019

Service Impact

Redundant system eliminates single point of failure and provides more flexibility of plant operations.

Start Date: 10/01/17 **End Date:** 09/30/19

Project Manager: Brian Sorensen

Funded Program: 6984315

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 542,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 542,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 542,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 542,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ 132,000	\$ -	\$ -	\$ -	\$ 132,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ 410,000	\$ -	\$ -	\$ 410,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ 132,000	\$ 410,000	\$ -	\$ -	\$ 542,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT-STATION J03 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 48,000

Project Description

Install new pumps and guiderails at lift station J03. May be procured from state or other cooperative agreement.



Project Milestones

Port St John Wastewater

Construction complete September 2019

Service Impact

In 2019 the pumps and components will be 17 years old and will need rehabilitation.

Start Date: 10/01/18 **End Date:** 09/30/19

Project Manager: Brian Sorensen

Funded Program: 513887

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ 48,000	\$ -	\$ -	\$ 48,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 48,000	\$ -	\$ -	\$ 48,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT-STATION J05 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 48,000

Project Description

Replace J05 pump station. May be procured from state or other cooperative agreement.



Project Milestones

Port St John Wastewater
 Design complete September 2018
 Construction complete September 2019

Service Impact

This station was installed in 1968 and has reached the end of its useful life. It is an older design and would be replaced with a modern lift station.

Start Date: 10/01/18 **End Date:** 09/30/19

Project Manager: Craig Helping

Funded Program: 513888

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ 48,000	\$ -	\$ -	\$ 48,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 48,000	\$ -	\$ -	\$ 48,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT-STATION J06 REPLACEMENT

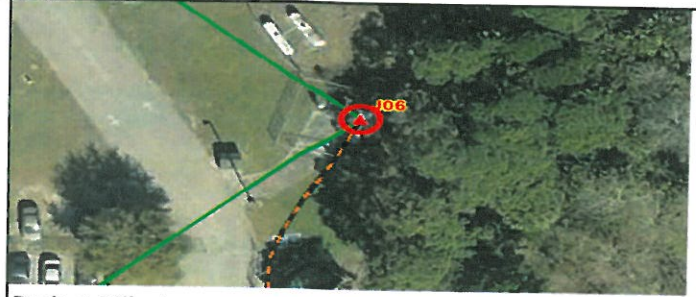
Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 48,000

Project Description

Replacement J06 pump station. May be procured from state or other cooperative agreement.



Project Milestones

Port St John Wastewater
 Design complete September 2018
 Construction complete September 2019

Service Impact

This station was installed in 1968 and has reached the end of its useful life. It is an older design and would be replaced with a modern lift station.

Start Date: 10/01/18 **End Date:** 09/30/19

Project Manager: Craig Helping

Funded Program: 513889

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 48,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ 48,000	\$ -	\$ -	\$ 48,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 48,000	\$ -	\$ -	\$ 48,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PAVE PLANT ROADWAYS

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 35,000

Project Description

Rehabilitate plant roadways and pave dirt roadways. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater
Construction complete September 2019

Service Impact

This project will pave the roadways within the treatment plant. There are dirt roads within the plant site which need to be paved and the existing paved roadways need to be rehabilitated.

Start Date: 10/01/18 **End Date:** 09/30/19

Project Manager: Craig Helping

Funded Program: 6570407

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ 35,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ 35,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FORCE MAIN C07 ON SKYLINE BLVD REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 116,000

Project Description

Remove and replace approx. 1665 LF of 6" AC FM along Skyline Blvd. May be procured from state or other cooperative agreement.



Project Milestones

Sykes Wastewater
 Design complete September 2019
 Construction complete September 2020

Service Impact

This force main has reached the end of its useful life and is in need of replacement. It is constructed of asbestos cement pipe which is an older material that is no longer used. This material becomes fragile, subject to leaks and is difficult and dangerous to repair.

Start Date: 10/01/18 **End Date:** 09/30/20

Project Manager: Craig Helping

Funded Program: 6985212

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 116,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 116,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 116,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 116,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ 39,000	\$ 77,000	\$ -	\$ 116,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 39,000	\$ 77,000	\$ -	\$ 116,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FORCE MAIN C09 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 43,000

Project Description

Remove and replace 4" AC FM from LS C-09 to C-10. May be procured from state or other cooperative agreement.



Project Milestones

Sykes Wastewater
 Design complete September 2019
 Construction complete September 2020

Service Impact

This force main was constructed in 1966, has reached the end of its useful life and is in need of replacement. It is constructed of asbestos cement pipe which is an older material that is no longer used. This material becomes fragile, subject to leaks and is difficult and dangerous to repair.

Start Date: 10/01/18 **End Date:** 09/30/20

Project Manager: Craig Helping

Funded Program: 6985211

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 43,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 43,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ 29,000	\$ 14,000	\$ -	\$ 43,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 29,000	\$ 14,000	\$ -	\$ 43,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

INSTALLATION OF SECOND CENTRIFUGE AND REHABILITATE STRUCTURE

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 1,131,000

Project Description

Add a second centrifuge and rehabilitate the dewatering structure. May be procured from state or other cooperative agreement.



Project Milestones

Sykes Wastewater
 Design complete September 2020
 Construction complete September 2022

Service Impact

There is currently one centrifuge on site and this would install another as backup so one can be taken out of serve for maintenance or repair. The building needs rehabilitation also.

Start Date: 10/01/18 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6520203

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 1,131,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,131,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 1,131,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,131,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ 282,750	\$ -	\$ -	\$ 282,750
Construction	\$ -	\$ -	\$ -	\$ -	\$ 110,250	\$ 369,000	\$ 369,000	\$ 848,250
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 393,000	\$ 369,000	\$ 369,000	\$ 1,131,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION V06 REPLACEMENT

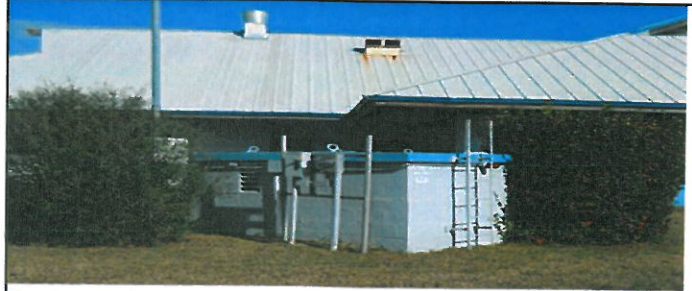
Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 250,000

Project Description

Replace lift station. May be procured from state or other cooperative agreement.



Project Milestones

Sykes Wastewater
 Design Complete - September 2018
 Construction Complete - September 2020

Service Impact

This station was constructed in 1965 and is in need of replacement.

Start Date: 10/01/18 **End Date:** 09/30/20

Project Manager: Craig Helping

Funded Program: 6987205

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 200,000	\$ -	\$ 250,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION V13 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 114,000

Project Description

Rehabilitate lift station. May be procured from state or other cooperative agreement.



Project Milestones

Sykes Wastewater

Design complete September 2019

Construction complete September 2020

Service Impact

This station was constructed in 1994 and some components need replacing.

Start Date: 10/01/18 **End Date:** 09/30/20

Project Manager: Brian Sorensen

Funded Program: 6982232

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 114,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 114,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 114,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 114,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 64,000	\$ -	\$ 114,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 64,000	\$ -	\$ 114,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REDUNDANT MOTOR CONTROL CENTER (MCC) FOR CLASS 1 RELIABILITY

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 675,000

Project Description

Install a second Motor Control Center (MCC) to feed half of the equipment at the Mims water plant for Class 1 reliability. May be procured from state or other cooperative agreement.



Project Milestones

Mims Water
Design complete September 2020
Construction complete September 2022

Service Impact

There is one main motor control center (MCC) controlling the entire Mims water treatment plant. If this MCC were to fail or be damaged the plant would be out of service. This second MCC will feed half of the plant equipment as a backup.

Start Date: 04/03/05 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6540104

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 675,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 675,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 675,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 675,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,500	\$ -	\$ 67,500
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 607,500	\$ 607,500
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,500	\$ 607,500	\$ 675,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

CHLORINE CONTACT CHAMBER

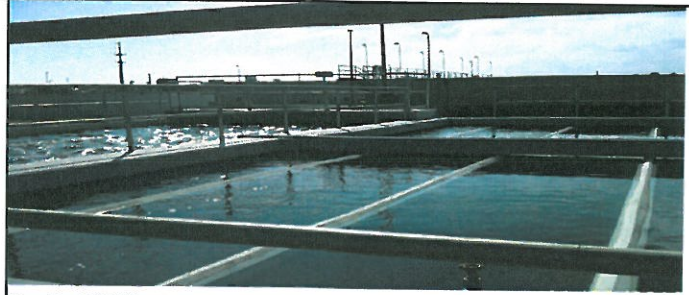
Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 1,000,000

Project Description

Build another chlorine contact chamber for disinfection for reclaimed water. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
Construction complete September 2020

Service Impact

To provide redundant disinfection chambers to maintain reclaimed production during high flow situations.

Start Date: 10/01/19 **End Date:** 09/30/20

Project Manager: Craig Helping

Funded Program: 6984312

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ 250,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ -	\$ 750,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

CLARIFIER REHABILITATION (6 MGD PROCESS TRAIN. 100 FT)

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 700,000

Project Description

Rehabilitation for clarifier no. 1, including replacing drive motor and gear, stilling well replacement, sandblast and coat submerged mechanism, and coat interior concrete. May be procured from state or other cooperative agreement.

Service Impact

Clarifier no. 1 is in need of refurbishment.



Project Milestones

South Beach Wastewater
Construction complete September 2020

Start Date: 10/01/19 **End Date:** 09/30/20

Project Manager: Brian Sorensen

Funded Program: 6984310

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ -	\$ 175,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 525,000	\$ -	\$ 525,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ 700,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION B15 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 480,000

Project Description

Lift station B15 will be replaced in a new location. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
Construction complete September 2020

Service Impact

Lift station B15 is adjacent to Paradise Boulevard and is a danger to employees and the motoring public.

Start Date: 10/01/18 **End Date:** 09/30/20

Project Manager: Craig Helping

Funded Program: 6982461

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 480,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 480,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 480,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 480,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ -	\$ 120,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ 360,000	\$ -	\$ -	\$ 360,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 360,000	\$ 120,000	\$ -	\$ 480,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

INSTALL FAN PRESS FOR SLUDGE DEWATERING

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 300,000

Project Description

Install a sludge fan press at the wastewater treatment plant.
May be procured from state or other cooperative agreement.



Project Milestones

Barefoot Bay Wastewater
Construction complete September 2019

Service Impact

A fan press is the most efficient method for dewatering sludge.

Start Date: 10/01/18 **End Date:** 09/30/19

Project Manager:

Funded Program: 6540310

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ -	\$ -	\$ 225,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ 300,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

STORAGE BUILDING

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 100,000

Project Description

New building at Barefoot Bay Wastewater Treatment Plant for storage of maintenance supplies and equipment. May be procured from state or other cooperative agreement.



Project Milestones

Barefoot Bay Wastewater
Construction complete September 2019

Service Impact

Provide covered storage of equipment currently stored outside. Covered storage will extend the life of equipment.

Start Date: 10/01/18 **End Date:** 09/30/19

Project Manager: Brian Sorensen

Funded Program: 6501309

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ -	\$ -	\$ 80,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION B17 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 225,000

Project Description

Evaluate relocation and replace lift station. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
Construction complete September 2020

Service Impact

Existing lift station is located in an area where it is routinely blocked by vehicles. Access to the station by service vehicles is limited. This station was constructed in 1987 and is in need of replacement.

Start Date: 10/01/19 **End Date:** 09/30/20

Project Manager: Craig Helping

Funded Program: 6982427

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ -	\$ 225,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ -	\$ 225,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION B18 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 180,000

Project Description

Project to include relining of wetwell and complete replacement of lift station components. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
Construction complete September 2020

Service Impact

This station was constructed in 1987 and is in need of rehabilitation.

Start Date: 10/01/19 **End Date:** 09/30/20

Project Manager: Brian Sorensen

Funded Program: 6982503

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ -	\$ 180,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ -	\$ 180,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION S28 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 270,000

Project Description

Project includes rehab lining, new pumps and piping. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
Construction complete September 2020

Service Impact

This station was rehabilitated in 2000 and is in need of rehabilitation.

Start Date: 10/01/19 **End Date:** 09/30/20

Project Manager: Brian Sorensen

Funded Program: 6982426

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000	\$ -	\$ 270,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000	\$ -	\$ 270,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

RECLAIMED WATER GROUND STORAGE TANK

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 1,000,000

Project Description

Construct a 2 million gallon (MG) ground storage tank for the reclaimed water (reuse) system. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
Construction complete September 2020

Service Impact

Additional storage capacity will increase reuse distribution reliability and capacity.

Start Date: 10/01/19 **End Date:** 09/30/20

Project Manager: Craig Helping

Funded Program: 6984311

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ 250,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ -	\$ 750,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OXIDATION DITCHES WALKWAY EXTENSION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 260,000

Project Description
 Extend oxidation ditch walkways and relocation of oxygen sensors. May be procured from state or other cooperative agreement.

Service Impact
 Relocate oxygen sensors in oxidation ditches and extend walkways to access oxygen sensors to provide more accurate data for improved operational control.



Project Milestones
 South Central Wastewater
 Design complete September 2020
 Construction complete September 2021

Start Date: 10/01/19 **End Date:** 09/30/21

Project Manager: Craig Helping

Funded Program: 6540408

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 260,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 260,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ 60,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 200,000	\$ 260,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REPLACE RAS AND WAS CONTROLS

Department: Utility Services Department

Program: Water/Wastewater

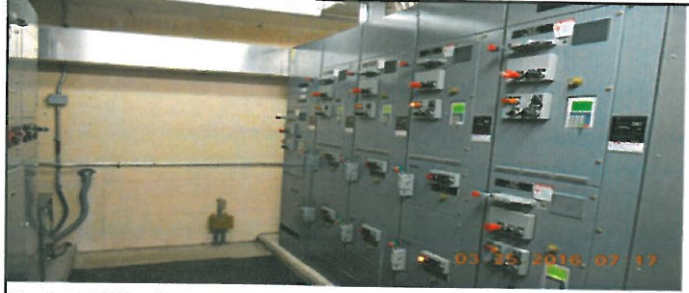
Project Total: \$ 350,000

Project Description

Replace current electrical Motor Control System (MCC) in order to modernize system. Includes replacement of Variable Frequency Drive (VFD). Existing VFD's are out of production and parts are difficult to find. May be procured from state or other cooperative agreement.

Service Impact

Modernize system to latest technology and ensure availability of replacement parts and components.



Project Milestones

South Central Wastewater
Construction complete September 2020

Start Date: 10/01/19 **End Date:** 09/30/20

Project Manager: Brian Sorensen

Funded Program: 6540414

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ -	\$ 350,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ -	\$ 350,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REHABILITATE CLARIFIERS 3 AND 4

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 280,000

Project Description

Rehabilitate two clarifiers. May be procured from state or other cooperative agreement.



Project Milestones

Sykes Wastewater
 Design complete September 2020
 Construction complete September 2021

Service Impact

These clarifiers have reached the end of their useful life and need to be rehabilitated.

Start Date: 10/01/19 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 6540206

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 280,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 280,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 280,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 280,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ -	\$ 70,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 120,000	\$ 210,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000	\$ 120,000	\$ 280,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FILTRATION SYSTEM EVALUATION, IMPROVEMENT, AND PROCESS CONTROL

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 291,000

Project Description

Replace existing filter control panel and control valves. May be procured from state or other cooperative agreement.



Project Milestones

North Brevard Wastewater
 Design complete September 2021
 Construction complete September 2022

Service Impact

The existing system was installed in 1986 and has reached the end of its useful life. Replacement parts are no longer available and newer filtration system would provide increased reliability and efficiency.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6540108

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 291,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 291,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 291,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 291,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,000	\$ 38,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 253,000	\$ 253,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 291,000	\$ 291,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

B01 - B06 12" FORCE MAIN REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 1,800,000

Project Description

Construct a 12" fused PVC or HDPE force man from lift station B01 to the B06 force main. Use the out-of-service 28" HDPE force main on Riverside Drive as a conduit to the extent possible. May be procured from state or other cooperative agreement.

Service Impact

The B06 lift station has difficulty pumping into the B19 force main especially during wet weather. Connecting the B01 lift station to the B06 force main should lower pressures on the B19 force main.



Project Milestones

South Beach Wastewater
Construction complete September 2021

Start Date: 10/01/20 **End Date:** 06/30/21

Project Manager: Craig Helping

Funded Program: 6985503

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,350,000	\$ 1,350,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000	\$ 1,800,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

DEEP WELL STRUCTURE REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 100,000

Project Description

Rehabilitate the deep well structure. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
Construction complete September 2022

Service Impact

The deep well building is in need of rehabilitation to retain its structural integrity.

Start Date: 10/01/21 **End Date:** 09/30/22

Project Manager: Brian Sorensen

Funded Program: 6520304

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

GRIT WASHER AND CONVEYOR REPLACEMENT

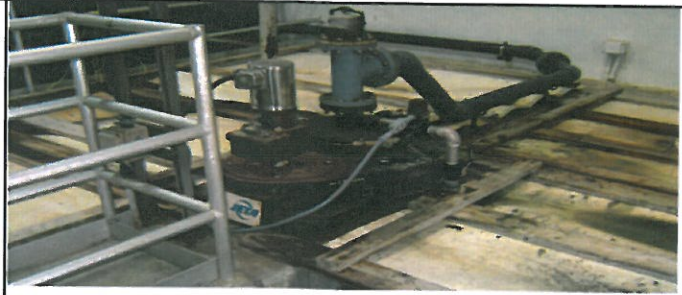
Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 100,000

Project Description

Replace grit washer. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater

Construction complete September 2022

Service Impact

The existing grit system is a old, pieced together system that is not efficient in removing grit. The replacement system would be much more efficient and effective.

Start Date: 10/01/21 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6540309

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION B01 REHABILITATION

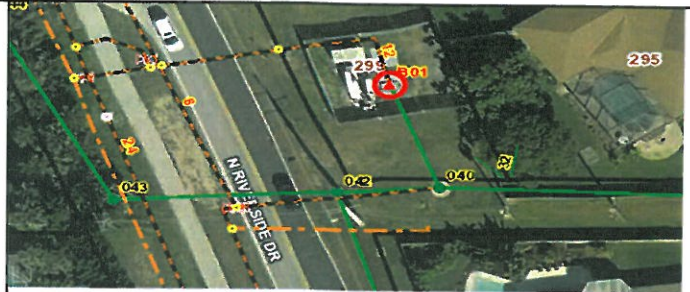
Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 405,000

Project Description

Project to include upgrade of pumps and rehab or replacement of pipes and controls. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
 Design complete September 2020
 Construction complete September 2022

Service Impact

This station was constructed in 1992 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6982504

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 405,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 405,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 405,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 405,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 360,000	\$ 360,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 405,000	\$ 405,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION B14 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 225,000

Project Description

Project to include rehab of wetwell, new piping and pumps.
May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
Design complete September 2021
Construction complete September 2022

Service Impact

This station was constructed in 1969 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Brian Sorensen

Funded Program: 6982421

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ 180,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 225,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION B16 REHABILITATION

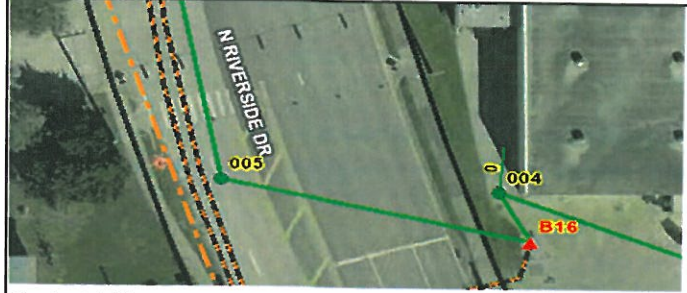
Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 525,000

Project Description

Project to include repair and relining of wetwell, new piping, new pumps and controls. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
 Design complete September 2021
 Construction complete September 2022

Service Impact

This station was constructed in 1986 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Brian Sorensen

Funded Program: 6982502

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 525,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 525,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 525,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 525,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 480,000	\$ 480,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 525,000	\$ 525,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION B20 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 800,000

Project Description

Master station. Project to include upgraded pumps and rehab/replacement of other various components. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater

Design complete September 2021

Construction complete September 2022

Service Impact

This station was rehabilitated in 2003 and some components are in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 10/01/22

Project Manager: Craig Helping

Funded Program: 6987408

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 800,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 800,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION S03 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 530,000

Project Description

Project to include complete replacement of lift station. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
 Design complete September 2021
 Construction complete September 2022

Service Impact

This station was constructed in 1957 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6987407

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 530,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 530,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 530,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 530,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 480,000	\$ 480,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 530,000	\$ 530,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION S14 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 345,000

Project Description

Project to include repair and relining of wetwell , complete replacement of lift station components. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
 Design complete September 2021
 Construction complete September 2022

Service Impact

This station was constructed in 1962 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Brian Sorensen

Funded Program: 6982420

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 345,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 345,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 345,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 345,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000	\$ 270,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 345,000	\$ 345,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION S22 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 270,000

Project Description

Project to include complete replacement of lift station components. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater

Design complete September 2021

Construction complete September 2022

Service Impact

This station was rehabilitated in 2005 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Brian Sorensen

Funded Program: 6982422

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 225,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000	\$ 270,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION S24 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 225,000

Project Description

Project to include relining of wetwell and complete replacement of lift station components. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
Construction complete September 2021

Service Impact

This station was constructed in 1985 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 6982428

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 225,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 225,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION S32 REHABILITATION

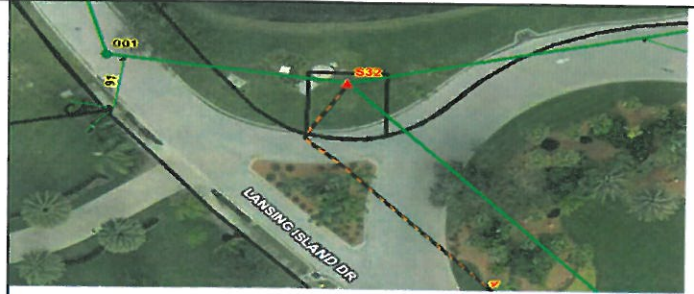
Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 225,000

Project Description

Project to include rehab wetwell, new piping, pumps and controls. May be procured from state or other cooperative agreement.



Project Milestones

South Beach Wastewater
Construction complete September 2021

Service Impact

This station was constructed in 1994 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 6982423

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 225,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 225,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

CHLORINE TANK AND PUMPS SYSTEM REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 200,000

Project Description
 Replace two (2) existing storage tanks originally installed in 2005/2006. Replace chlorine pump system installed in 2012. May be procured from state or other cooperative agreement.

Service Impact
 Ensure continuity of plant operation to avoid down time and to maintain Florida Department of Environmental Protection (FDEP) permit compliance.



Project Milestones
 South Central Wastewater
 Construction complete September 2021

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 6540410

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T08 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 245,000

Project Description

Relocation and complete replacement. Wet well is in poor condition, no access drive, station is in between two mobile homes. May be procured from state or other cooperative agreement.

Service Impact

This station was constructed in 1980 and is in need of rehabilitation.



Project Milestones

South Central Wastewater
 Design complete September 2021
 Construction complete September 2022

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Brian Sorensen

Funded Program: 6982441

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 245,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 245,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 245,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 245,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 245,000	\$ 245,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T10 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 294,000

Project Description

Install safety rail. Miscellaneous component updates based on age. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater
 Design complete September 2020
 Construction complete September 2022

Service Impact

This station was constructed in 1990 and some components are in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Brian Sorensen

Funded Program: 6982430

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 294,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 294,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 294,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 294,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 84,000	\$ 84,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 210,000	\$ 210,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 294,000	\$ 294,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T12 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 175,000

Project Description

Wet well in poor condition, no access road, upgrade panel, manual transfer switch is a electrical hazard, replace pumps. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater
Construction complete September 2021

Service Impact

This station was constructed in 1991 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 6982451

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T18 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 165,000

Project Description

Upgrade panel, rehabilitate equipment. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater

Construction complete September 2021

Service Impact

This station was constructed in 1988 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 6982454

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T27 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 260,000

Project Description

Repair wet well and liner. Backup power needed since lift station serves hurricane evacuation facility. May be procured from state or other cooperative agreement.

Service Impact

This station was constructed in 1990 and is in need of rehabilitation.



Project Milestones

South Central Wastewater
 Design complete September 2021
 Construction complete September 2022

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Brian Sorensen

Funded Program: 6982440

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 260,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 260,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 260,000	\$ 260,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T31 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

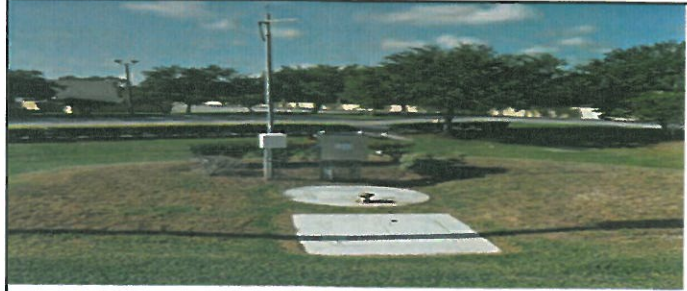
Project Total: \$ 165,000

Project Description

Rehabilitate lift station, wet well coating in poor condition, replace pumps. May be procured from state or other cooperative agreement.

Service Impact

This station was constructed in 1990 and is in need of rehabilitation.



Project Milestones

South Central Wastewater
Construction complete September 2021

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 6982452

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T32 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

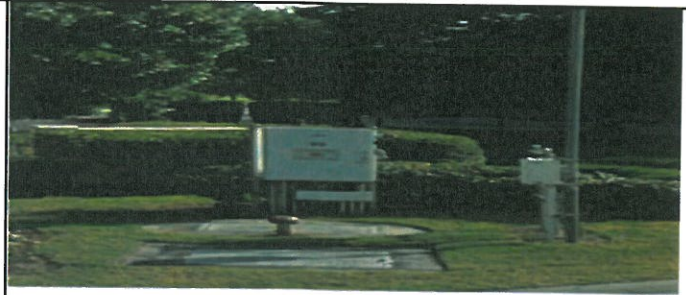
Project Total: \$ 460,000

Project Description

Replace ventilation, repair rail and pipe supports, and check valves, reline wet well, replace pumps, no access drive. May be procured from state or other cooperative agreement.

Service Impact

This station was constructed in 1992 and is in need of rehabilitation.



Project Milestones

South Central Wastewater

Design complete September 2021

Construction complete September 2022

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Brian Sorensen

Funded Program: 6982439

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 460,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 460,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 460,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 460,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 460,000	\$ 460,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T34 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 160,000

Project Description

Evaluate station relocation (Power lines overhead, no access), upgrade panel, replace pumps. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater
Construction complete September 2021

Service Impact

This station was constructed in 1990 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 6982455

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000	\$ 160,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000	\$ 160,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T39 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 295,000

Project Description

Repair valves, update control panel, replace pumps, reline wet well. May be procured from state or other cooperative agreement.

Service Impact

This station was constructed in 1993 and is in need of rehabilitation.



Project Milestones

South Central Wastewater
 Design complete September 2021
 Construction complete September 2022

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Brian Sorensen

Funded Program: 6982434

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 295,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 295,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 295,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 295,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ 55,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 240,000	\$ 240,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 295,000	\$ 295,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T46 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

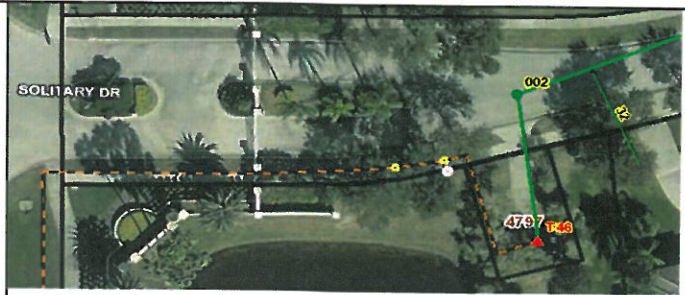
Project Total: \$ 165,000

Project Description

Upgrade panel, valve box has tree root issue and standing water, wet well and coating are in poor condition replace pumps. May be procured from state or other cooperative agreement.

Service Impact

This station was constructed in 1994 and is in need of rehabilitation.



Project Milestones

South Central Wastewater
Construction complete September 2021

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 6982453

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ 165,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T50 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 177,000

Project Description

Upgrade panel, repair wet well, replace pumps. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater
Construction complete September 2021

Service Impact

This station was constructed in 1994 and some components are in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 6982456

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 177,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 177,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 177,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 177,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 177,000	\$ 177,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 177,000	\$ 177,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T51 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 150,000

Project Description

Repair wet well lining, ventilation, replace pumps. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater
Construction complete September 2021

Service Impact

This station was constructed in 1995 and some components are in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 513899

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T59 REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 150,000

Project Description

Repair wet well, and liner replace control panel, replace pumps. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater
Construction complete September 2021

Service Impact

This station was constructed in 1995 and some components are in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 513904

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION T60 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 470,000

Project Description

Full lift station replacement. May be procured from state or other cooperative agreement.



Project Milestones

South Central Wastewater

Design complete September 2020

Construction complete September 2022

Service Impact

Station location in-between two homes, standing water present, corrosion in we well and valve box, we well is in poor condition. This station was constructed in 1991 and is in need of rehabilitation.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6982435

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 470,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 470,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 470,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 470,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 425,000	\$ 425,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 470,000	\$ 470,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REPLACE RAS AND WAS PUMPS

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 300,000

Project Description

Replace return activated sludge (RAS) pumps and waste activated sludge (WAS) pumps. May be procured from state or other cooperative agreement.

Service Impact

Existing RAS and WAS pumps will be reaching the end of their useful life.



Project Milestones

South Central Wastewater
Construction complete September 2021

Start Date: 10/01/20 **End Date:** 09/30/21

Project Manager: Brian Sorensen

Funded Program: 6572401

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REUSE SYSTEM OPTIMIZATION IMPROVEMENTS

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 500,000

Project Description

Model the reclaimed water system and identify locations for isolation valves for more effective distribution of reclaimed water. May be procured from state or other cooperative agreement.

Service Impact

There are an insufficient number of valves on the reclaimed water system to control the flow of reclaimed water to the customers. Uncontrolled usage diminishes the effectiveness of the entire system.



Project Milestones

South Central Wastewater
Construction complete September 2022

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6540409

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

SUNTREE BOOSTER STATION REHABILITATION

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 575,000

Project Description
 Rehabilitate the Suntree booster station. Replace vertical turbine pumps and controls and rehabilitate storage tank. May be procure from state or other cooperative agreement. May be procured from state or other cooperative agreement.



Project Milestones
 South Central Wastewater
 Design complete September 2021
 Construction complete September 2022

Service Impact
 This booster station has reached the end of its useful life and needs to be rehabilitated.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6540405

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 575,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 575,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 575,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 575,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 575,000	\$ 575,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

WASTEWATER TREATMENT PLANT BLOWER REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 475,000

Project Description
 Replace centrifugal blowers with high efficiency turbo blowers. May be procured from state or other cooperative agreement.

Service Impact
 Reduced maintenance requirements and lower electrical power costs.



Project Milestones
 South Central Wastewater
 Design complete September 2021
 Construction complete September 2022

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 514408

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 475,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 475,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475,000	\$ 475,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

FORCE MAIN C08 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 360,000

Project Description
Remove and replace approx. 3500 LF of 6" AC FM in the back yards along the west side of Sykes Creek Dr. May be procured from state or other cooperative agreement.

Service Impact
The existing asbestos cement force main is brittle and has a history of breaking.



Project Milestones

Sykes Wastewater
Design complete September 2021
Construction complete September 2022

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6985209

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 360,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 360,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 360,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 360,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 90,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 270,000	\$ 270,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 360,000	\$ 360,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION C03 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 510,000

Project Description

Replace the lift station by replacing piping, valves, and new wetwell. May be procured from state or other cooperative agreement.

Service Impact

This lift station was constructed in 1968, has exceeded its useful life and needs to be rehabilitated.



Project Milestones

Sykes Wastewater
 Design complete September 2021
 Construction complete September 2022

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6982230

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 510,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 510,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 510,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 510,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 510,000	\$ 510,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION C08 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 510,000

Project Description

Replace lift station. May be procured from state or other cooperative agreement.



Project Milestones

Sykes Wastewater

Design complete September 2021

Construction complete September 2022

Service Impact

This station was built in 1968, has exceeded its useful life and needs to be replaced. This is also a can type station which involves personnel climbing down a ladder to service the equipment. This activity presents a safety hazard to the personnel.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6982231

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 510,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 510,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 510,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 510,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ 60,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 510,000	\$ 510,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

LIFT STATION C10 REPLACEMENT

Department: Utility Services Department

Program: Water/Wastewater

Project Total: \$ 410,000

Project Description

Replace lift station. May be procured from state or other cooperative agreement.



Project Milestones

Sykes Wastewater
 Design complete September 2021
 Construction complete September 2022

Service Impact

This station needs to be relocated because it is in a road median and is difficult to access for maintenance due to traffic issues. It also needs to have higher pump capacity due to increased flow in that area.

Start Date: 10/01/20 **End Date:** 09/30/22

Project Manager: Craig Helping

Funded Program: 6982233

Projected Revenue	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Revenue
Charges for Services	\$ 410,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 410,000
Permit/Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bond/Referendum	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Loans	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 410,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 410,000

Projected Expenses	All Prior Fiscal Years	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Costs
Land	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 360,000	\$ 360,000
Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 410,000	\$ 410,000

Operating Expenditures (Savings)	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21 & Future	Total Impact
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Impact	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -