

WATER QUALITY PROJECT SUMMARY

	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	Totals
Sources of Funding						
General Fund Taxes	1,884,000	4,559,500	4,157,000	6,944,000	2,832,000	20,376,500
Impact Fees	-	-	-	-	-	-
Grants	7,759,000	5,609,500	4,007,000	9,794,000	657,000	27,826,500
Loan	-	-	-	-	-	-
Other-Assessments	<u>2,125,000</u>	<u>975,000</u>	<u>225,000</u>	<u>225,000</u>	-	<u>3,550,000</u>
Total Funding	<u>11,768,000</u>	<u>11,144,000</u>	<u>8,389,000</u>	<u>16,963,000</u>	<u>3,489,000</u>	<u>51,753,000</u>
Capital Expenditures						
Planning/Design	2,868,400	2,980,365	2,539,000	2,213,000	1,364,000	11,964,765
Land	250,000	2,200,000	-	-	-	2,450,000
Construction	7,649,600	3,963,635	3,850,000	12,750,000	125,000	28,338,235
Equipment	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Other	<u>1,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>2,000,000</u>	<u>9,000,000</u>
Total Expenditures	<u>11,768,000</u>	<u>11,144,000</u>	<u>8,389,000</u>	<u>16,963,000</u>	<u>3,489,000</u>	<u>51,753,000</u>
Project Titles						
Homosassa Southfork - Phase V	1,275,000	1,275,000	1,275,000	1,275,000	-	5,100,000
General Water Quality	25,000	50,000	50,000	50,000	50,000	225,000
US 19 Sewer Expansion	475,000	475,000	475,000	475,000	-	1,900,000
Lake Enhancement Reserve	75,000	125,000	125,000	125,000	125,000	575,000
Homosassa Wastewater Facility - Phase 7	-	1,500,000	-	-	-	1,500,000
Davis Lake Restoration Planning/Permitting	-	-	-	5,000,000	-	5,000,000
Eastside Wastewater Collection - Phase 1	6,600,000	-	-	-	-	6,600,000
Homosassa Southfork - Phase VI	500,000	500,000	500,000	500,000	-	2,000,000
Tsala Apopka Littoral Shelf Restoration	-	-	-	5,000,000	-	5,000,000
Sheriff's Office Parking Lot Drain. Retrofit	-	500,000	-	-	-	500,000
Watershed Management Plan	1,581,000	2,519,000	1,964,000	1,938,000	1,314,000	9,316,000
Homosassa Southfork - Phase VII	-	2,200,000	2,000,000	600,000	-	4,800,000
Tsala Apopka Stormwater Treatment Systems	237,000	-	-	-	-	237,000
Water/Wastewater Infrastructure Grant Match	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000	9,000,000
Total Projects						51,753,000

Project Title: Homosassa Southfork - Phase V**Project Number:** W1998-03

Project Description and Justification:

The watershed master plan was completed in October 2002. The Plan recommended that two large wetland treatment areas be constructed to remove pollutants from stormwater prior to discharge into the Homosassa River. This project would construct the improvements in several phases; the first of which involves a 36 acre site that is in the process of being acquired. Once the purchase (Homosassa SouthFork Phase IV) is finalized, the design of the wetland stormwater treatment system will begin. The total projected construction cost for creation of the wetland treatment system is estimated to be \$5.6M in several phases of construction.

It was anticipated that the FDOT, as part of their US Hwy 19 road widening project, would fund the design and construction of the wetland treatment system. However, FDOT's current 5-year work program does not include funding for this project. The County has sent a resolution to FDOT to request that they include funding for this project in their current work program. If FDOT does not provide funding, then other funding sources will be pursued; such as legislative funding and SWFWMD cooperative funding. The project is recommended in the Homosassa Southfork - Phase 3 Watershed Master Plan.

Operational Impacts:

	2007	2008	2009	2010	2011	Totals
Sources of Funding						
Taxes	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-
Grants	1,275,000	1,275,000	1,275,000	1,275,000	-	5,100,000
Loan	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Funding	1,275,000	1,275,000	1,275,000	1,275,000	-	5,100,000
Expenditures						
Planning/Design	127,500	127,500	127,500	127,500	-	510,000
Land	-	-	-	-	-	-
Construction	1,147,500	1,147,500	1,147,500	1,147,500	-	4,590,000
Equipment	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Expenditures	1,275,000	1,275,000	1,275,000	1,275,000	-	5,100,000
Operational Impacts						
Personal Services	-	-	-	-	-	-
Operating	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Total Oper. Impacts	-	-	-	-	-	-

Project Title: US 19 Sewer Expansion**Project Number:** W2001-03

Project Description and Justification:

The purpose of this project is to provide sanitary sewer service to the areas on U.S. Highway 19 north of Grover Cleveland Blvd. and adjacent to the Homosassa Sewer Project - Phase I. This area is currently served by small package wastewater treatment plants or septic systems. Specific projects have not been identified at this time. Removal of small package treatment plants and septic systems will eliminate potential sources of human pathogens and nitrates from the County's water resources.

The impact of septic tanks on the surface waters and groundwater is believed to be responsible for high bacterial counts in the water which could have an adverse effect on water quality and public health.

Operational Impacts:

	2007	2008	2009	2010	2011	Totals
Sources of Funding						
Taxes	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-
Grants	250,000	250,000	250,000	250,000	-	1,000,000
Loan	-	-	-	-	-	-
Other	225,000	225,000	225,000	225,000	-	900,000
Total Funding	475,000	475,000	475,000	475,000	-	1,900,000
Expenditures						
Planning/Design	47,500	47,500	47,500	47,500	-	190,000
Land	-	-	-	-	-	-
Construction	427,500	427,500	427,500	427,500	-	1,710,000
Equipment	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Expenditures	475,000	475,000	475,000	475,000	-	1,900,000
Operational Impacts						
Personal Services	-	-	-	-	-	-
Operating	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Total Oper. Impacts	-	-	-	-	-	-

Project Title: Davis Lake Restoration Planning/Permitting **Project Number:** W2003-02

Project Description and Justification:

The majority of the water column in this lake is occupied by a reddish-gray, fine, organic ooze, which has been characterized as "gyttja" or "Copropel" which is 13 - 18 feet thick and currently supports a number of problematic aquatic and terrestrial plant species affecting all water uses for this lake. Phase one of this project was funded in FY 03 and consisted of the evaluation of the sediment type, as well as aging of material. Cooperative funding from SWFWMD has been utilized over the past several years for the evaluation of sedimentation.

This project received approval and funding by the United States Army Corps of Engineers in 2005 under the Continuing Authorities Program (CAP), Section 206. The initial study is funded 100% by the Corps who will make a determination that sufficient Federal interest is warranted on this project. If the project is approved, up to \$5M can be awarded under the CAP program with local sponsorship of 35%. Additionally, in 2007 Citrus County submitted "Legislative Requests" for this project. Proposed is a demonstration "pilot" restoration effort that would assist with future planning and restoration efforts of Davis Lake. The project will provide local water resource benefits and improve water movement, water quality, flood protection, through this system. The project will also benefit fish and wildlife habitats, improve public use and may assist in the management of aquatic plant species.

Operational Impacts:

	2007	2008	2009	2010	2011	Totals
Sources of Funding						
Taxes	-	-	-	1,750,000	-	1,750,000
Impact Fees	-	-	-	-	-	-
Grants	-	-	-	3,250,000	-	3,250,000
Loan	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Funding	-	-	-	5,000,000	-	5,000,000
Expenditures						
Planning/Design	-	-	-	-	-	-
Land	-	-	-	-	-	-
Construction	-	-	-	5,000,000	-	5,000,000
Equipment	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Expenditures	-	-	-	5,000,000	-	5,000,000
Operational Impacts						
Personal Services	-	-	-	-	-	-
Operating	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Total Oper. Impacts	-	-	-	-	-	-

Project Title: Eastside Wastewater Collection - Phase 1 **Project Number:** W2004-02

Project Description and Justification:

This project will construct neighborhood projects to connect existing residential and commercial development adjacent to the Lake Tsala Apopka Chain of Lakes to central wastewater facilities. The project is intended to be funded through acquisition of grants (a CBIR has been submitted) and through special assessment of the properties benefiting from the project.

Sanitary sewer service in the areas adjacent to Lake Tsala Apopka is currently provided by septic systems. The area is at a very low elevation and subject to flooding. Water quality in the lake is affected by these systems. Central sanitary sewer service will correct these problems.

Operational Impacts:

	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>Totals</i>
Sources of Funding						
Taxes	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-
Grants	4,950,000	-	-	-	-	4,950,000
Loan	-	-	-	-	-	-
Other	1,650,000	-	-	-	-	1,650,000
Total Funding	6,600,000	-	-	-	-	6,600,000
Expenditures						
Planning/Design	990,000	-	-	-	-	990,000
Land	250,000	-	-	-	-	250,000
Construction	5,360,000	-	-	-	-	5,360,000
Equipment	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Expenditures	6,600,000	-	-	-	-	6,600,000
Operational Impacts						
Personal Services	-	-	-	-	-	-
Operating	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Total Oper. Impacts	-	-	-	-	-	-

Project Title: Homosassa Southfork - Phase VI**Project Number:** W2004-03

Project Description and Justification:

Citrus County and the Southwest Florida Water Management District co-funded a watershed master plan of the Homosassa Southfork watershed. The Plan was completed in October 2002. This watershed is the main contributor for direct surface water runoff into the headwaters of the Homosassa River, an Outstanding Florida Waterway. One of the goals of the master plan was to determine the areas where serious flooding was likely to occur. The master plan identified 14 areas along the major evacuation routes for the Homosassa area. The cost of improving these areas is estimated to be \$2 M. This project would implement the necessary improvements through several phases of construction to be spread out over a five year period. Local funding for this project would be provided through assessments.

Since several of the 14 areas occur on Grover Cleveland Blvd. and CR490, addressing these areas will occur when these two transportation projects occur.

This project is recommended in the Homosassa Southfork- Phase III Watershed Masterplan.

Operational Impacts:

	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>Totals</i>
Sources of Funding						
Taxes	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-
Grants	250,000	500,000	500,000	500,000	-	1,750,000
Loan	-	-	-	-	-	-
Other	250,000	-	-	-	-	250,000
Total Funding	500,000	500,000	500,000	500,000	-	2,000,000
Expenditures						
Planning/Design	50,000	50,000	50,000	50,000	-	200,000
Land	-	-	-	-	-	-
Construction	450,000	450,000	450,000	450,000	-	1,800,000
Equipment	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Expenditures	500,000	500,000	500,000	500,000	-	2,000,000
Operational Impacts						
Personal Services	-	-	-	-	-	-
Operating	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Total Oper. Impacts	-	-	-	-	-	-

Project Title: Tsala Apopka Stormwater Treatment Systems **Project Number:** W2007-03

Project Description and Justification:

This project is a result of the ongoing Tsala Apopka Chain of Lakes Stormwater Runoff Project which is a cooperative funding project between the County and SWFWMD. The goal of the Tsala Apopka Chain of Lakes Stormwater Runoff Project is to identify areas that are contributing pollutant loading to the Tsala Apopka system via stormwater runoff. There are several areas that have been identified as high priority sites. These include the North Apopka Boat Ramp, the Olive Lane Boat Ramp, the Lockshire Park Boat Ramp, the Cove Camp Boat Ramp, Sandpiper Drive, and the Sheriff's Office Parking Lot. Appropriate forms of stormwater treatment will be developed and constructed for each of these areas. Improving these sites for stormwater treatment will reduce sediment and nutrient loading to the Tsala Apopka Chain of Lakes. Cooperative funding from SWFWMD has been requested for FY 2007.

Operational Impacts:

	2007	2008	2009	2010	2011	Totals
Sources of Funding						
Taxes	118,500	-	-	-	-	118,500
Impact Fees	-	-	-	-	-	-
Grants	118,500	-	-	-	-	118,500
Loan	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Funding	237,000	-	-	-	-	237,000
Expenditures						
Planning/Design	47,400	-	-	-	-	47,400
Land	-	-	-	-	-	-
Construction	189,600	-	-	-	-	189,600
Equipment	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Expenditures	237,000	-	-	-	-	237,000
Operational Impacts						
Personal Services	-	-	-	-	-	-
Operating	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-
Total Oper. Impacts	-	-	-	-	-	-
