

PROJECT TITLE: **LOW PRESSURE SEWER SYSTEM (LPSS) - MASTER PROJECT** PROJECT NO: **10768**
 CIE REQUIREMENT: **Y**
 LEVEL OF SERVICE IMPACT: **M** PROGRAM: **WATER SERVICES/WASTEWATER**

Project Description:
 Retrofit and install approximately 100 LPSS units in the South County area per year.

Neighborhood Community Area:
 Countywide



Operating Cost Impact:
 None

Project Completion Date: **N/A**

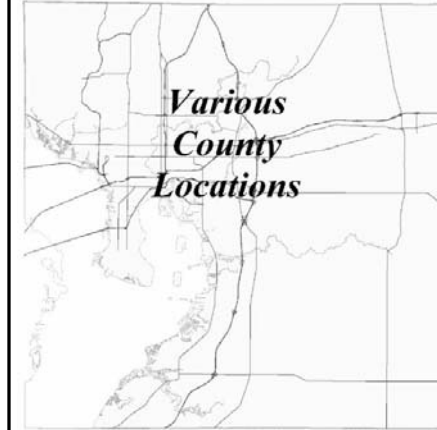
Expenditure Plan (in \$000's):									
	<u>Total Est Cost</u>	<u>Prior Yrs Funding</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>	<u>FY 13</u>	<u>Future</u>
Development	0	0	0	0	0	0	0	0	0
Design	0	0	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	13,981	5,581	1,400	1,400	1,400	1,400	1,400	1,400	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	1,019	419	100	100	100	100	100	100	0
Total	\$15,000	\$6,000	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$0

Funding Sources (in \$000's):									
	<u>Total Est Cost</u>	<u>Prior Yrs Funding</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>	<u>FY 13</u>	<u>Future</u>
Enterprise Fees	15,000	6,000	1,500	1,500	1,500	1,500	1,500	1,500	0
Total	\$15,000	\$6,000	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$0

PROJECT TITLE: **MANHOLE INSPECTION & REHABILITATION PROGRAM** PROJECT NO: **10744**
 CIE REQUIREMENT: **Y**
 LEVEL OF SERVICE IMPACT: **E** PROGRAM: **WATER SERVICES/WASTEWATER**

Project Description:
 Inspect and repair as necessary the existing 50,000 wastewater manholes over a 10 year period.

Neighborhood Community Area:
 Countywide



Operating Cost Impact:
 No significant change in operating cost.

Project Completion Date: **N/A**

Expenditure Plan (in \$000's):										
	<u>Total Est Cost</u>	<u>Prior Yrs Funding</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>	<u>FY 13</u>	<u>Future</u>	
Development	0	0	0	0	0	0	0	0	0	
Design	0	0	0	0	0	0	0	0	0	
Land/ROW	0	0	0	0	0	0	0	0	0	
Construction	11,446	7,146	700	700	700	700	700	800	0	
Equipment	0	0	0	0	0	0	0	0	0	
Administration	1,350	850	100	100	100	100	100	0	0	
Total	\$12,796	\$7,996	\$800	\$800	\$800	\$800	\$800	\$800	\$0	

Funding Sources (in \$000's):										
	<u>Total Est Cost</u>	<u>Prior Yrs Funding</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>FY 12</u>	<u>FY 13</u>	<u>Future</u>	
Enterprise Fees	12,796	7,996	800	800	800	800	800	800	0	
Total	\$12,796	\$7,996	\$800	\$800	\$800	\$800	\$800	\$800	\$0	

PROJECT TITLE:
MILLER ROAD WASTEWATER REPUMP STATION
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: F

PROJECT NO: 10155

PROGRAM: WATER SERVICES/WASTEWATER

Project Description:

Design and construct an approximately 10,680 gpm Master Pump Station in the vicinity of the intersection of Miller Road and Crosby Road. The pump station will require an emergency generator, VFDs and connection to the County's proposed SCADA system. The WRS is adopting a revised Wastewater Master Plan for the South/Central Service Area. The tremendous growth in the southern portion of the service area dictates that this plant be expanded to handle the growth.

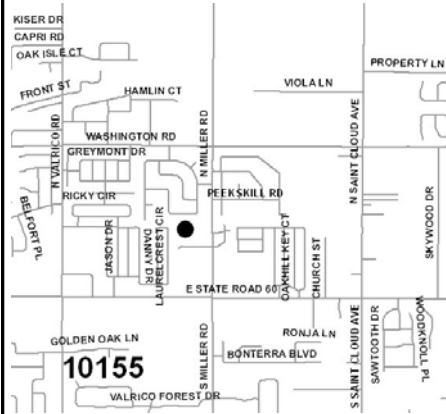
Operating Cost Impact:

Operating cost is estimated to be \$16,000 a year starting in FY 12.

Project Completion Date: Dec 2012

Neighborhood Community Area:

Seffner (East)



Expenditure Plan (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	150	0	150	0	0	0	0	0	0
Design	580	0	580	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	3,075	0	0	3,075	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	75	0	50	25	0	0	0	0	0
Total	\$3,880	\$0	\$780	\$3,100	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	805	0	780	25	0	0	0	0	0
Financing	3,075	0	0	3,075	0	0	0	0	0
Total	\$3,880	\$0	\$780	\$3,100	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE:
NATURE'S WAY WASTEWATER PUMP STATION UPGRADE
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: F

PROJECT NO: 10158

PROGRAM: WATER SERVICES/WASTEWATER

Project Description:

Up-grade the capacity of the existing Nature's Way Master Pump Station from 5,600 gpm to 9,200 gpm. This project will require upgrading the existing electrical supply and discharge piping. The contributing area for the Nature's Way Pump Station has increasing flows and will meet the capacity of the existing pump station. The capacity of the pump station needs to be expanded to meet these flow requirements.

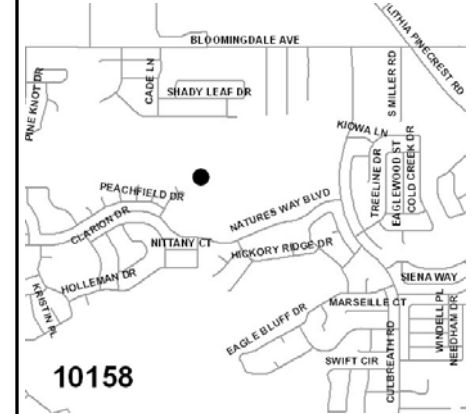
Operating Cost Impact:

Operating cost is estimated to be \$5,000 a year starting in FY 11.

Project Completion Date: Jul 2012

Neighborhood Community Area:

Bloomington (Central)



Expenditure Plan (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	50	0	50	0	0	0	0	0	0
Design	450	0	450	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	2,075	0	0	2,075	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	75	0	50	25	0	0	0	0	0
Total	\$2,650	\$0	\$550	\$2,100	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	128	0	79	49	0	0	0	0	0
Financing	2,522	0	471	2,051	0	0	0	0	0
Total	\$2,650	\$0	\$550	\$2,100	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: **NON-URGENT FACILITY R&R -FARE ACCOUNT** PROJECT NO: **10753**
 CIE REQUIREMENT: **Y**
 LEVEL OF SERVICE IMPACT: **E** PROGRAM: **WATER SERVICES/WASTEWATER**

Project Description:
 Provides funding for the estimated amount of Water department facility repairs and replacements due to the aging of the system. Individual projects and schedules will be identified for the 1st two years of each CIP.

Neighborhood Community Area:
 Countywide



Operating Cost Impact:
 Unknown

Project Completion Date: **N/A**

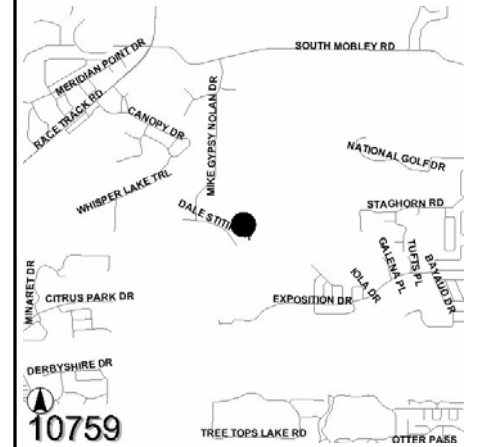
Expenditure Plan (in \$000's):									
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	122	0	0	21	45	56	0	0	0
Design	227	0	0	38	85	104	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	2,222	0	0	206	456	560	500	500	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	174	0	0	29	65	80	0	0	0
Total	\$2,745	\$0	\$0	\$294	\$651	\$800	\$500	\$500	\$0

Funding Sources (in \$000's):									
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	2,745	0	0	294	651	800	500	500	0
Total	\$2,745	\$0	\$0	\$294	\$651	\$800	\$500	\$500	\$0

PROJECT TITLE: **NORTHWEST CLASS A SLUDGE PROCESSING FACILITY** PROJECT NO: **10759**
 CIE REQUIREMENT: **Y**
 LEVEL OF SERVICE IMPACT: **E,M** PROGRAM: **WATER SERVICES/WASTEWATER**

Project Description:
 Design, permit and construct a class A sludge thermal processing facility including odor control systems at the Northwest Regional Advanced Wastewater Treatment Plant. Scope change includes the design and installation of centrifuges to replace the belt press equipment which has nearly reached the end of its useful life. It is anticipated that the fuel cost for the dryer will decrease the adding this equipment. A payback was calculated to be less than 10 years.

Neighborhood Community Area:
 Citrus Park (Northwest)



Operating Cost Impact:
 Operating cost impact is estimated to be \$2,719,118 in FY 08 and \$2,895,000 thereafter. Requires 8 new positions.

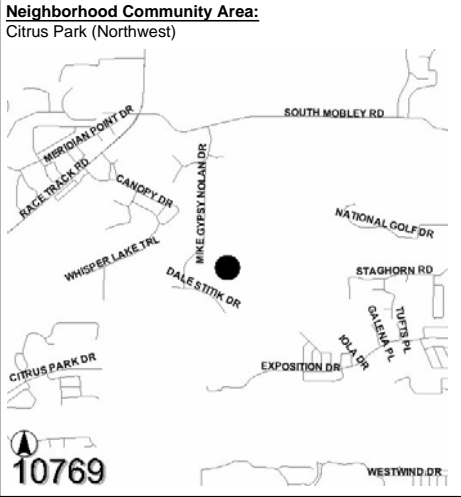
Project Completion Date: **Sep 2008**

Expenditure Plan (in \$000's):											
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future		
Development	0	0	0	0	0	0	0	0	0		
Design	4,469	4,469	0	0	0	0	0	0	0		
Land/ROW	0	0	0	0	0	0	0	0	0		
Construction	13,647	13,647	0	0	0	0	0	0	0		
Equipment	11,296	11,296	0	0	0	0	0	0	0		
Administration	437	437	0	0	0	0	0	0	0		
Total	\$29,849	\$29,849	\$0	\$0	\$0	\$0	\$0	\$0	\$0		

Funding Sources (in \$000's):										
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future	
Capacity Fees	16,170	16,170	0	0	0	0	0	0	0	
Enterprise Fees	13,679	13,679	0	0	0	0	0	0	0	
Financing	0	0	0	0	0	0	0	0	0	
Total	\$29,849	\$29,849	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

PROJECT TITLE: NORTHWEST TREATMENT PLANT EXPANSION FROM 5 TO 10 MGD
PROJECT NO: 10769
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: E
PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 Design and construction of a phased project to refurbish and replace aging equipment at the existing Northwest Regional Water Reclamation Facility (NWRWRF) and to construct a new parallel 5 million gallon per day (MGD) treatment train to increase the total treatment capacity of the plant from 5.0 to 10.0 MGD. The new treatment train will include a new headworks structure, new aeration tankage and equipment, new clarifiers and equipment, new filters, new disinfection facilities, pumps, piping, electrical, instrumentation and controls, reject pond expansion and new reclaimed water storage tank. The refurbishment / replacement work will consist of new barscreen, augmented aeration equipment, augmented methanol feed system, upgrade of the ammonia feed equipment, and replacement of the sulphur dioxide dechlorination system with a safer sodium bisulfite dechlorination system.



Operating Cost Impact:
 Operating cost impact of \$2,306,549 in FY 08 and \$2,244.376 thereafter. Requires 4 new positions.

Project Completion Date: Mar 2009

Expenditure Plan (in \$000's):

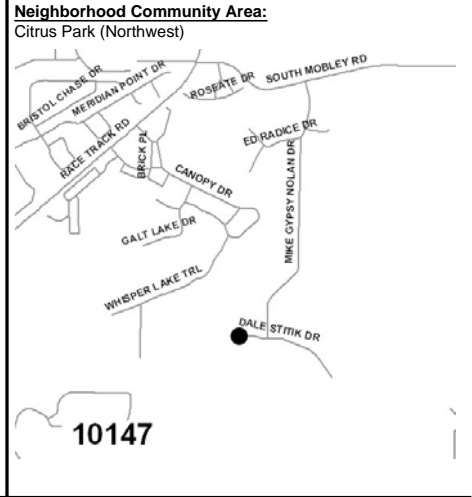
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	0	0	0	0	0	0	0	0	0
Design	13,591	13,591	0	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	50,520	50,520	0	0	0	0	0	0	0
Equipment	19	19	0	0	0	0	0	0	0
Administration	515	515	0	0	0	0	0	0	0
Total	\$64,645	\$64,645	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Capacity Fees	29,518	29,518	0	0	0	0	0	0	0
Enterprise Fees	35,127	35,127	0	0	0	0	0	0	0
Financing	0	0	0	0	0	0	0	0	0
Total	\$64,645	\$64,645	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: NW REGIONAL RESIDUALS RECOVERY BARSCREEN REPLACEMENT
PROJECT NO: 10147
CIE REQUIREMENT: Y
LEVEL OF SERVICE IMPACT: M
PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 Design and construction of a replacement of the barscreen at the Northwest Regional Residuals Recovery Facility (WRRMF), including a new barscreen, conveyor, piping, electrical, instrumentation and demolition of existing barscreen. Failure to install the bar screens will impact the operation of the new centrifuges to be installed under CIP 10759.



Operating Cost Impact:
 None

Project Completion Date: Sep 2012

Expenditure Plan (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	50	0	50	0	0	0	0	0	0
Design	275	0	275	0	0	0	0	0	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	2,125	0	0	2,125	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	75	0	25	50	0	0	0	0	0
Total	\$2,525	\$0	\$350	\$2,175	\$0	\$0	\$0	\$0	\$0

Funding Sources (in \$000's):

	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	2,525	0	350	2,175	0	0	0	0	0
Total	\$2,525	\$0	\$350	\$2,175	\$0	\$0	\$0	\$0	\$0

PROJECT TITLE: REGIONAL WASTEWATER TREATMENT PLANT R&R - MASTER PROJECT PROJECT NO: 10745
 CIE REQUIREMENT: Y
 LEVEL OF SERVICE IMPACT: M PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 Perform renewal and replacement projects of approximately \$100,000 each at the 7 Regional Wastewater Treatment Plants.

Neighborhood Community Area:
 Countywide



Operating Cost Impact:
 No significant change in annual operating costs is anticipated.

Project Completion Date: N/A

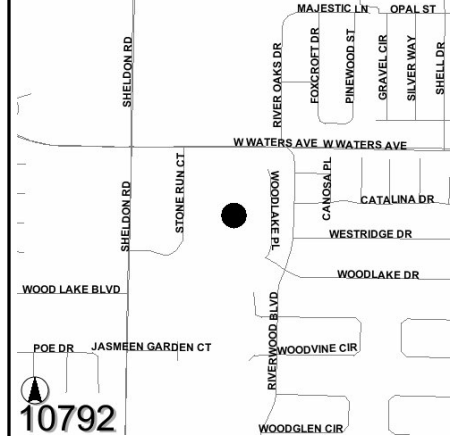
Expenditure Plan (in \$000's):									
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Development	600	200	0	0	100	100	100	100	0
Design	3,620	1,220	400	400	400	400	400	400	0
Land/ROW	0	0	0	0	0	0	0	0	0
Construction	12,067	5,967	0	1,300	1,200	1,200	1,200	1,200	0
Equipment	7,931	1,931	0	1,200	1,200	1,200	1,200	1,200	0
Administration	1,382	882	0	100	100	100	100	100	0
Total	\$25,600	\$10,200	\$400	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$0

Funding Sources (in \$000's):									
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future
Enterprise Fees	25,600	10,200	400	3,000	3,000	3,000	3,000	3,000	0
Total	\$25,600	\$10,200	\$400	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$0

PROJECT TITLE: RIVER OAKS AWTP POWER DISTRIBUTION RECONFIGURE PROJECT NO: 10792
 CIE REQUIREMENT: Y
 LEVEL OF SERVICE IMPACT: M PROGRAM: WATER SERVICES/WASTEWATER

Project Description:
 This project will allow for modifications to the secondary side of the power distribution system at the River Oaks Wastewater Treatment Plant that are necessary to accommodate the transfer of responsibility for the primary power distribution system to TECO.

Neighborhood Community Area:
 Town N' Country (Northwest)



Operating Cost Impact:
 None

Project Completion Date: Sep 2008

Expenditure Plan (in \$000's):										
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future	
Development	33	33	0	0	0	0	0	0	0	
Design	175	175	0	0	0	0	0	0	0	
Land/ROW	0	0	0	0	0	0	0	0	0	
Construction	767	767	0	0	0	0	0	0	0	
Equipment	0	0	0	0	0	0	0	0	0	
Administration	25	25	0	0	0	0	0	0	0	
Total	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

Funding Sources (in \$000's):										
	Total Est Cost	Prior Yrs Funding	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	Future	
Enterprise Fees	1,000	1,000	0	0	0	0	0	0	0	
Total	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	