

Water & Sewer

**SUMMARY
CIP Projects**

Date: 10/01/07

Priority No.	Project No.	Project Title	Page No.	Funding Source	Estimated Total Cost	SCHEDULE OF PLANNED CIP EXPENDITURES						
						2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	
1	470012	Wastewater Upgrades, Replacement and Expansion	164	SIF	5,000,000	-	-	5,000,000	-	-	-	-
				WRR	1,050,000	300,000	250,000	200,000	100,000	100,000	100,000	100,000
				WSB	15,650,000	1,200,000	7,600,000	4,850,000	-	-	-	2,000,000
2	470033	Security Enhancements/Expansion	165	WSOF	1,000,000	500,000	100,000	100,000	100,000	100,000	100,000	100,000
3	470308	Pump Station Modifications	166	WRR	7,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
4	470038	Sewer System Repairs	167	WRR	7,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
5	470228	Raw Water Well Equipment/Expansion	168	WIF	2,000,000	2,000,000	-	-	-	-	-	-
				WRR	2,800,000	850,000	750,000	300,000	300,000	300,000	300,000	300,000
6	470248	Water / Wastewater Replacements	169	WRR	7,233,700	2,233,700	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
7	470018	In-City Reclamation Irrigation System (IRIS)	170	SIF	1,000,000	1,000,000	-	-	-	-	-	-
				WSB	8,500,000	6,500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
				WSOF	3,500,000	-	1,000,000	1,000,000	500,000	500,000	500,000	500,000
8	470014	Building Alterations	171	WSOF	1,500,000	1,000,000	100,000	100,000	100,000	100,000	100,000	100,000
9	470015	Water Treatment Facility Improvements	172	WRR	17,350,000	1,850,000	2,500,000	4,500,000	5,500,000	1,500,000	1,500,000	1,500,000
				WSB	4,500,000	4,500,000	-	-	-	-	-	-
10	470025	Hidden Valley	173	SA-SW	359,000	359,000	-	-	-	-	-	-
				SU	125,000	125,000	-	-	-	-	-	-
				WIF	300,000	300,000	-	-	-	-	-	-
				WRR	1,620,000	1,620,000	-	-	-	-	-	-
				WSOF	1,721,000	1,721,000	-	-	-	-	-	-
11	470043	Membrane Replacements	174	WRR	5,000,000	-	2,500,000	2,500,000	-	-	-	-
12	470198	Boca Raton Hills Sanitary Sewers	175	SA-SW	108,800	10,800	55,000	43,000	-	-	-	-
				SU	100,000	-	100,000	-	-	-	-	-
				WIF	150,000	-	100,000	50,000	-	-	-	-
				WRR	500,000	-	300,000	200,000	-	-	-	-
				WSOF	1,851,200	199,200	945,000	707,000	-	-	-	-

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**SUMMARY
CIP Projects**

Date: 10/01/07

Priority No.	Project No.	Project Title	Page No.	Funding Source	Estimated Total Cost	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
13	470158	Esterly	176	SA-SW WIF	84,000 300,000	- -	- -	84,000 300,000	- -	- -	- -
				WRR WSOF	75,000 410,000	- -	35,000 50,000	40,000 360,000	- -	- -	- -
14	470023	Intracoastal Parallel Force Main	177	WSOF	660,000	-	660,000	-	-	-	-
15	470268	Lake Wyman	178	SA-SW WRR WSOF	58,000 430,000 232,000	- - -	- 40,000 30,000	58,000 390,000 202,000	- -	- -	- -
16	470258	Water Network System Improvement	179	WIF WRR	4,450,000 3,500,000	600,000 500,000	3,350,000 2,500,000	250,000 250,000	250,000 250,000	- -	- -
17	470013	Spanish Village, Phase II	180	WIF	584,000	584,000	-	-	-	-	-
18	470288	A1A	181	SA-SW WSOF	112,000 350,000	- -	- -	- -	- 50,000	112,000 300,000	- -
19	470298	Boca Raton Heights Drainage Improvements	182	SA-SW SU WSOF	108,200 1,091,000 1,931,800	108,200 1,091,000 1,931,800	- -	- -	- -	- -	- -
GRAND TOTALS:						33,483,700	27,365,000	25,884,000	10,550,000	6,412,000	8,000,000
Totals by Funding Source											
				SA-SW	830,000	478,000	55,000	185,000	-	112,000	-
				SIF	6,000,000	1,000,000	-	5,000,000	-	-	-
				SU	1,316,000	1,216,000	100,000	-	-	-	-
				WIF	7,784,000	3,484,000	3,450,000	600,000	250,000	-	-
				WRR	53,958,700	9,753,700	12,275,000	11,780,000	9,550,000	5,300,000	5,300,000
				WSB	28,650,000	12,200,000	8,600,000	5,850,000	-	-	2,000,000
				WSOF	13,156,000	5,352,000	2,885,000	2,469,000	750,000	1,000,000	700,000

CIP Project Request

Project Title Wastewater Upgrades, Replacement and Expansion **Date:** 10/01/07
Priority: 1
Project #: 470012

Location Wastewater Treatment Plant **Department** UTILITY SERVICES
Contact Person(s) N. T. Wellings

Project Description
 Replacement of Wastewater Treatment Facility equipment.

Project Justification
 A significant portion of the equipment at the wastewater treatment facility was installed during the original plant construction in 1988 and requires replacement. In addition to State and Federal Mandates the expansion requirements are associated with water quality and disposal methodologies.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
473-4279-536-6405	300,000	250,000	200,000	100,000	100,000	100,000
474-4273-536-6405	1,200,000	7,600,000	4,850,000	-	-	2,000,000
477-4299-536-6405	-	-	5,000,000	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	1,500,000	7,850,000	10,050,000	100,000	100,000	2,100,000	21,700,000
Total	1,500,000	7,850,000	10,050,000	100,000	100,000	2,100,000	21,700,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
SIF	-	-	5,000,000	-	-	-	5,000,000
WRR	300,000	250,000	200,000	100,000	100,000	100,000	1,050,000
WSB	1,200,000	7,600,000	4,850,000	-	-	2,000,000	15,650,000
Total	1,500,000	7,850,000	10,050,000	100,000	100,000	2,100,000	21,700,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Security Enhancements/Expansion **Date:** 10/01/07
Priority: 2
Project #: 470033

Location Various **Department** UTILITY SERVICES **Contact Person(s)** N. T. Wellings

Project Description
 Installation of security features to protect Utility Services' facilities.

Project Justification
 Additional security devices and measures need to be implemented to prevent, detect and respond to the intentional introduction of contaminants into the utility system.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
470-4299-536-6405	500,000	100,000	100,000	100,000	100,000	100,000
476-4299-536-6405	-	-	-	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Equipment Purchase	500,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Total	500,000	100,000	100,000	100,000	100,000	100,000	1,000,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
W/F	-	-	-	-	-	-	-
WSOF	500,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Total	500,000	100,000	100,000	100,000	100,000	100,000	1,000,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Pump Station Modifications **Date:** 10/01/07
Priority: 3
Project #: 470308

Location City-Wide **Department** UTILITY SERVICES **Contact Person(s)** C. R. Helfrich

Project Description
 Conversion of can-type wastewater stations to submersible lift stations.

Project Justification
 The older can-type stations are deteriorating and need replacement.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
473-4279-536-6537	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,200,000
Total	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,200,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
WRR	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,200,000
Total	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,200,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Sewer System Repairs **Date:** 10/01/07
Priority: 4
Project #: 470038

Location Various **Department** UTILITY SERVICES **Contact Person(s)** R. Mesiano

Project Description
 Rehabilitation of components of the wastewater collection system.

Project Justification
 Rehabilitation of the wastewater collection system minimizes the condition that can cause backups and overflows, can reduce the infiltration and inflow into the system, and extends the life of the wastewater collection system.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
473-4279-536-6330	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,200,000
Total	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,200,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
WRR	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,200,000
Total	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	7,200,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Raw Water Well Equipment/Expansion **Date:** 10/01/07
Priority: 5
Project #: 470228

Location Various areas **Department** UTILITY SERVICES **Contact Person(s)** N. T. Wellings

Project Description Construction and rehabilitation of wells.

Project Justification The 56 wells in the water system require periodic rehabilitation to maintain their capacity and water quality.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
473-4279-536-6533	850,000	750,000	300,000	300,000	300,000	300,000
476-4299-536-6533	2,000,000	-	-	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	2,850,000	750,000	300,000	300,000	300,000	300,000	4,800,000
Total	2,850,000	750,000	300,000	300,000	300,000	300,000	4,800,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
W/F	2,000,000	-	-	-	-	-	2,000,000
W/RR	850,000	750,000	300,000	300,000	300,000	300,000	2,800,000
Total	2,850,000	750,000	300,000	300,000	300,000	300,000	4,800,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Water / Wastewater Replacements **Date:** 10/01/07
Priority: 6
Project #: 470248

Location Various **Contact Person(s)**
C. R. Helfrich
Department UTILITY SERVICES

Project Description
 Repairs, replacements and relocations of water lines, wastewater lines, water plant equipment, wastewater plant equipment, and storage tanks.

Project Justification
 Major repairs and replacements are periodically necessary in the water and wastewater system infrastructure to maintain the proper operating level of the utility systems.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
473-4279-536-4915	2,233,700	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	2,233,700	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,233,700
Total	2,233,700	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,233,700

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
WRR	2,233,700	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,233,700
Total	2,233,700	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,233,700

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Other Capital	-	-	-	-	-	-	-
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title In-City Reclamation Irrigation System (IRIS) **Date:** 10/01/07
Priority: 7
Project #: 470018

Location Various **Department** UTILITY SERVICES **Contact Person(s)** Jim Pierce

Project Description
 Construction of reclaimed water system components.

Project Justification
 The reclaimed water system is an important part of the City's water conservation program and the wastewater disposal program.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
470-4274-535-6371	-	2,000,000	2,000,000	500,000	500,000	500,000
474-4273-535-6371	6,500,000	-	-	-	-	-
477-4299-536-6371	1,000,000	-	-	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	7,500,000	2,000,000	2,000,000	500,000	500,000	500,000	13,000,000
Total	7,500,000	2,000,000	2,000,000	500,000	500,000	500,000	13,000,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
SIF	1,000,000	-	-	-	-	-	1,000,000
WSB	6,500,000	1,000,000	1,000,000	-	-	-	8,500,000
WSOF	-	1,000,000	1,000,000	500,000	500,000	500,000	3,500,000
Total	7,500,000	2,000,000	2,000,000	500,000	500,000	500,000	13,000,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Building Alterations **Date:** 10/01/07
Priority: 8
Project #: 470014

Location Utility Services Complex **Department** UTILITY SERVICES **Contact Person(s)** C. Helfrich

Project Description
 Construction of buildings, repair and upgrades to buildings at the Glades Road Complex.

Project Justification
 Improvements, rehabilitation and repairs to keep buildings functional and within all codes.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
470-4299-536-6202	1,000,000	100,000	100,000	100,000	100,000	100,000
476-4299-536-6202	-	-	-	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	1,000,000	100,000	100,000	100,000	100,000	100,000	1,500,000
Total	1,000,000	100,000	100,000	100,000	100,000	100,000	1,500,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
W/F	-	-	-	-	-	-	-
WSOF	1,000,000	100,000	100,000	100,000	100,000	100,000	1,500,000
Total	1,000,000	100,000	100,000	100,000	100,000	100,000	1,500,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Water Treatment Facility Improvements	Date: 10/01/07
	Priority: 9
	Project #: 470015

Location Water Treatment Facility	Contact Person(s) Norman Wellings
Department UTILITY SERVICES	

Project Description
Rehabilitation of the lime softening water treatment facilities.

Project Justification
Components of the lime-softening portion at the water treatment facility have been in service since the plant was constructed. The completion of the membrane-softening portion of the water treatment facility will allow these units to be taken off line for rehabilitation.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
473-4279-536-6405	1,850,000	2,500,000	4,500,000	5,500,000	1,500,000	1,500,000
474-4273-536-6405	4,500,000	-	-	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	6,350,000	2,500,000	4,500,000	5,500,000	1,500,000	1,500,000	21,850,000
Total	6,350,000	2,500,000	4,500,000	5,500,000	1,500,000	1,500,000	21,850,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
WRR	1,850,000	2,500,000	4,500,000	5,500,000	1,500,000	1,500,000	17,350,000
WSB	4,500,000	-	-	-	-	-	4,500,000
Total	6,350,000	2,500,000	4,500,000	5,500,000	1,500,000	1,500,000	21,850,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Hidden Valley **Date:** 10/01/07
Project #: 470025 **Priority:** 10

Location Hidden Valley Area **Contact Person(s)**
Jim Pierce
Department UTILITY SERVICES

Project Description
 Installation of sanitary sewers in the Hidden Valley area.

Project Justification
 This project will permit the abandonment of the individual septic tanks used in this area, which are a potential source of groundwater pollution well field contamination.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
450-4419-539-6317	125,000	-	-	-	-	-
470-4274-535-6369	2,080,000	-	-	-	-	-
473-4279-536-6369	1,620,000	-	-	-	-	-
476-4299-533-6405	300,000	-	-	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	4,125,000	-	-	-	-	-	4,125,000
Total	4,125,000	-	-	-	-	-	4,125,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
SA-SW	359,000	-	-	-	-	-	359,000
SU	125,000	-	-	-	-	-	125,000
WIF	300,000	-	-	-	-	-	300,000
WRR	1,620,000	-	-	-	-	-	1,620,000
WSOF	1,721,000	-	-	-	-	-	1,721,000
Total	4,125,000	-	-	-	-	-	4,125,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Membrane Replacements **Date:** 10/01/07
Priority: 11
Project #: 470043

Location Water Treatment Plant **Contact Person(s)**
N. T. Wellings
Department UTILITY SERVICES

Project Description
 Replacement of the membranes at the membrane softening facility.

Project Justification
 Over time and use, the membranes used for water treatment foul require replacement.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
473-4279-536-6406	-	2,500,000	2,500,000	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Equipment Purchase	-	2,500,000	2,500,000	-	-	-	5,000,000
Total	-	2,500,000	2,500,000	-	-	-	5,000,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
W/RR	-	2,500,000	2,500,000	-	-	-	5,000,000
Total	-	2,500,000	2,500,000	-	-	-	5,000,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Boca Raton Hills Sanitary Sewers **Date:** 10/01/07
Priority: 12
Project #: 470198

Location Boca Raton Hills **Contact Person(s)**
J. C. Pierce
Department UTILITY SERVICES

Project Description
 Installation of a sanitary sewer system in an area of Boca Raton Hills.

Project Justification
 This project will permit the abandonment of the individual septic tanks used in this area, which are a potential source of groundwater pollution and wellfield contamination.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
450-4419-539-6317	-	100,000	-	-	-	-
470-4274-535-6569	200,000	1,000,000	750,000	-	-	-
473-4279-536-6369	-	300,000	200,000	-	-	-
476-4299-533-6369	-	100,000	50,000	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	200,000	1,500,000	1,000,000	-	-	-	2,700,000
Total	200,000	1,500,000	1,000,000	-	-	-	2,700,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
SA-SW	10,800	55,000	43,000	-	-	-	108,800
SU	-	100,000	-	-	-	-	100,000
W/F	-	100,000	50,000	-	-	-	150,000
W/R/R	-	300,000	200,000	-	-	-	500,000
W/SOF	199,200	945,000	707,000	-	-	-	1,851,200
Total	210,000	1,500,000	1,000,000	-	-	-	2,710,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Esterly **Date:** 10/01/07
Priority: 13
Project #: 470158

Location N.W. 13 - 20th Streets (Esterly) **Contact Person(s)**
J. C. Pierce / A. Puerta
Department UTILITY SERVICES

Project Description
 Construction of a new gravity sewer system to replace the old Army system and septic tanks between NW 13th Street and NW 20th Street between the El Rio Canal and the FEC Railroad. The Army sewers will be abandoned. A new drainage system will be constructed.

Project Justification
 This project will provide sewer service to customers in this area that are on septic tanks and allow for the removal of septic tanks that could contaminate the wells in the eastern wellfield. Commercial property owners would be relieved of the tenant restrictions imposed by Department of Environmental Resources Management (ERM). ERM regulates what types of businesses are allowed in the commercial area due to the proximity of the eastern wellfield.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
470-4274-535-6332	-	50,000	450,000	-	-	-
473-4279-536-6332	-	35,000	40,000	-	-	-
476-4299-533-6332	-	-	300,000	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Design	-	-	450,000	-	-	-	450,000
Construction	-	85,000	340,000	-	-	-	425,000
Total	-	85,000	790,000	-	-	-	875,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
SA-SW	-	-	84,000	-	-	-	84,000
WIF	-	-	300,000	-	-	-	300,000
WRR	-	35,000	40,000	-	-	-	75,000
WSOF	-	50,000	360,000	-	-	-	410,000
Total	-	85,000	784,000	-	-	-	869,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Intracoastal Parallel Force Main **Date:** 10/01/07
Priority: 14
Project #: 470023

Location Intracoastal Waterway **Contact Person(s)**
J. C. Pierce
Department UTILITY SERVICES

Project Description
 Construction of a wastewater force main under the Intracoastal Waterway.

Project Justification
 There are two force mains that transport wastewater from the barrier island to the mainland. Although they have been inspected and found to be in good shape, damage to either could result in substantial release of raw sewage to the Intracoastal Waterway.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
470-4274-535-6335	-	660,000	-	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Design	-	60,000	-	-	-	-	60,000
Construction	-	600,000	-	-	-	-	600,000
Total	-	660,000	-	-	-	-	660,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
WSOF	-	660,000	-	-	-	-	660,000
Total	-	660,000	-	-	-	-	660,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Lake Wyman **Date:** 10/01/07
Priority: 15
Project #: 470268

Location City-wide **Contact Person(s)**
Department UTILITY SERVICES

Project Description

To provide sanitary sewers, new water mains and service lines along NE 16th, 17th and 18th Street east of NE 5th Avenue.

Project Justification

To provide sanitary sewers, new water mains and service lines along NE 16th, 17th and 18th Street east of NE 5th Avenue.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
470-4274-535-6369	-	30,000	390,000	-	-	-
473-4279-536-6369	-	40,000	260,000	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Design	-	70,000	-	-	-	-	70,000
Construction	-	-	650,000	-	-	-	650,000
Total	-	70,000	650,000	-	-	-	720,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
SA-SW	-	-	58,000	-	-	-	58,000
WRR	-	40,000	390,000	-	-	-	430,000
WSOF	-	30,000	202,000	-	-	-	232,000
Total	-	70,000	650,000	-	-	-	720,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Water Network System Improvement **Date:** 10/01/07
Priority: 16
Project #: 470258

Location City-Wide **Department** UTILITY SERVICES **Contact Person(s)**

Project Description
 Replacement of old galvanized water services.

Project Justification
 Based on the past several years these deteriorated water services have caused damage to roads. This project will inventory these services in a timely fashion.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
473-4279-536-4915	500,000	-	250,000	250,000	-	-
474-4273-536-6405	-	2,500,000	-	-	-	-
476-4299-533-6405	600,000	3,350,000	250,000	250,000	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	1,100,000	5,850,000	500,000	500,000	-	-	7,950,000
Total	1,100,000	5,850,000	500,000	500,000	-	-	7,950,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
W/F	600,000	3,350,000	250,000	250,000	-	-	4,450,000
W/R/R	500,000	2,500,000	250,000	250,000	-	-	3,500,000
Total	1,100,000	5,850,000	500,000	500,000	-	-	7,950,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Spanish Village, Phase II **Date:** 10/01/07
Priority: 17
Project #: 470013

Location Spanish Village **Contact Person(s)**
J. C. Pierce / A. Puerta
Department UTILITY SERVICES

Project Description
 Construction of a sanitary sewer system to this area to remove the individual septic tanks used in the residential area between Palmetto Park Road and Glades Road and NW 4th Avenue and the FEC Railroad.

Project Justification
 This project will permit the abandonment of the individual septic tanks used in this area, which are a potential source of groundwater pollution and wellfield contamination.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
450-4419-539-6319	-	-	-	-	-	-
470-4274-535-6369	-	-	-	-	-	-
473-4279-536-6369	-	-	-	-	-	-
476-4299-533-6405	584,000	-	-	-	-	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Construction	584,000	-	-	-	-	-	584,000
Total	584,000	-	-	-	-	-	584,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
SU	-	-	-	-	-	-	-
WIF	584,000	-	-	-	-	-	584,000
WRR	-	-	-	-	-	-	-
WSOF	-	-	-	-	-	-	-
Total	584,000	-	-	-	-	-	584,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title A1A **Date:** 10/01/07
Priority: 18
Project #: 470288

Location A1A from Ocean Strand to Sweetwater Lane **Contact Person(s)**
J C Pierce
Department UTILITY SERVICES

Project Description
 To provide gravity sewer, lift station and force main system, west of A1A from Ocean Strand to Sweetwater Lane.

Project Justification
 City Council request and Environmental Stewards.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
470-4274-535-6369	-	-	-	50,000	412,000	-

Funding Request	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Design	-	-	-	50,000	-	-	50,000
Construction	-	-	-	-	412,000	-	412,000
Total	-	-	-	50,000	412,000	-	462,000

Funding Source	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
SA-SW	-	-	-	-	112,000	-	112,000
WSOF	-	-	-	50,000	300,000	-	350,000
Total	-	-	-	50,000	412,000	-	462,000

Operational Impact	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

CIP Project Request

Project Title Boca Raton Heights Drainage Improvements **Date:** 10/01/07
Location SW 3rd Avenue from SW 5th Street to Palmetto Park **Priority:** 19
Department UTILITY SERVICES **Contact Person(s)** Jim Pierce **Project #:** 470298

Project Description

The installation of a closed drainage system will alleviate flooding along SW 3rd Avenue in the Boca Raton Heights Subdivision. Project also includes the installation of a sanitary sewer to service properties currently on septic tank systems and the relocation of portable water lines from the rear lots areas to the street frontage.

Project Justification

The City's Comp. Policy 5.1.1 and the City's permit conditions of Part II Environmental Protection Agency's National Pollution Discharge Elimination System has established minimum levels of service for managing stormwater quantity and quality. Numerous isolated drainage problems exist that are a nuisance to the public and while the potential for property damage is low, they do reduce the life expectancy of roadway pavement, hinder the flow of traffic, a create a perceived health risk.

Account #	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
450-4419-539-6303	1,091,000	-	-	-	-	-
470-4274-535-6369	2,040,000	-	-	-	-	-

Funding Request

	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Design	498,000	-	-	-	-	-	498,000
Drainage Cost	750,000	-	-	-	-	-	750,000
Sanitary Sewer Const.	1,113,000	-	-	-	-	-	1,113,000
Water Main Reloc	500,000	-	-	-	-	-	500,000
Inspection	270,000	-	-	-	-	-	270,000
Total	3,131,000	-	-	-	-	-	3,131,000

Funding Source

	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
SA-SW	108,200	-	-	-	-	-	108,200
SU	1,091,000	-	-	-	-	-	1,091,000
WSOF	1,931,800	-	-	-	-	-	1,931,800
Total	3,131,000	-	-	-	-	-	3,131,000

Operational Impact

	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	Total
Personnel	-	-	-	-	-	-	-
Other Operating	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Capital Outlay	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-