

CAPITAL IMPROVEMENT PROGRAM

Water Utilities Department

- *Potable Water Distribution
- *Waste Water Treatment
- *Research & Development

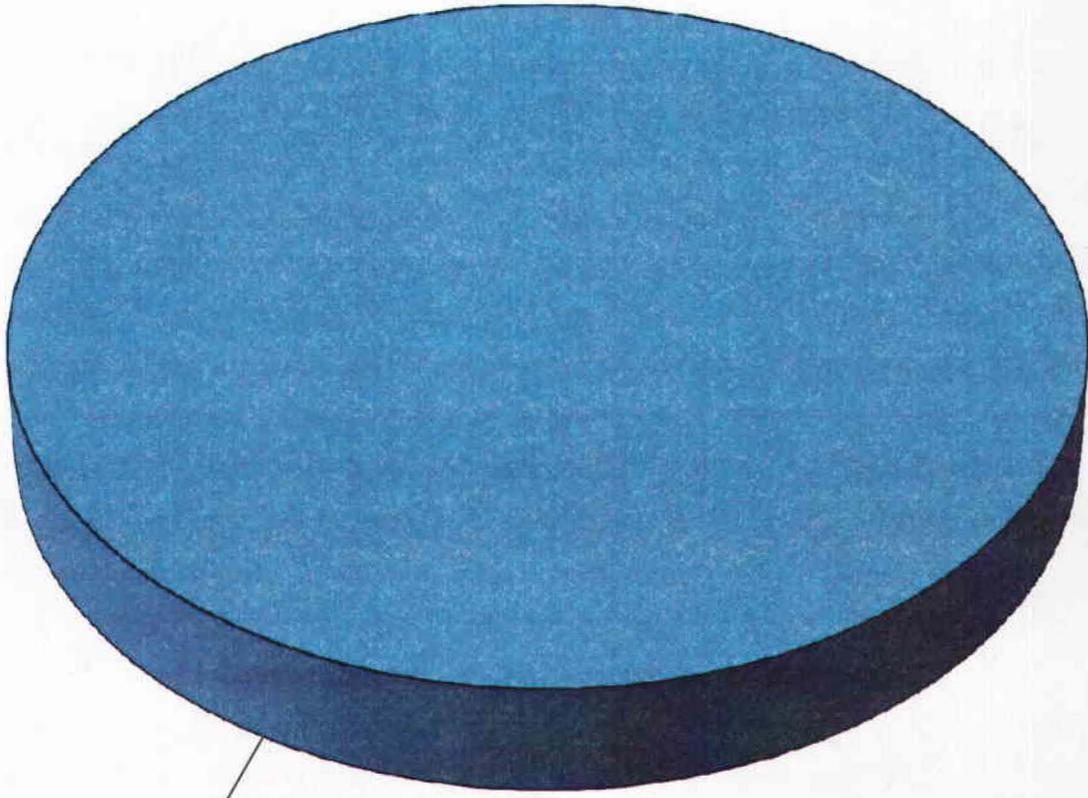


FISCAL YEARS 2008 – 2012

**WATER UTILITIES
FY 2008 APPROVED FUNDING**

	<u>Amount</u>
<u>Projects</u>	
Sludge Pelletization Facility	\$1,500,000
Southern Greenway Project	100,000
Southern Region Water Reclamation Facility Plant Improv.	10,860,000
Water Treatment Plant #2 - Vacuum Filter Project	550,000
Water Treatment Plant #3	550,000
Water Treatment Plant #8 - Imp.	360,000
Water Treatment Plant #9	450,000
<u>Countywide Projects</u>	
Asset Management	458,000
Hurricane Hardening	800,000
Special Assessment Program	500,000
System Wide Telemetry System Upgrades	1,200,000
System Wide Wastewater Lift Station Improv.	2,000,000
System Wide Wastewater Treatment Plant Improv.	900,000
Utility System Acquisition	3,000,000
Total	<u>\$23,228,000</u>

**WaterUtilities
Funding Sources
FY 2008**



User Fees
\$23,228,000
100%

PALM BEACH COUNTY

CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2008-2012
(\$ in 1,000)

DEPARTMENT: WATER UTILITIES

<u>FISCAL YEARS</u>	<u>Approved 2008</u>	<u>2009</u>	<u>Estimated</u>		<u>2012</u>	<u>Total 5 Years</u>
			<u>2010</u>	<u>2011</u>		
<u>FUNDING SOURCES</u>						
USER FEES	\$23,228	\$62,765	\$34,030	\$26,787	\$23,502	\$170,312
BUDGETED REVENUES	<u>\$23,228</u>	<u>\$62,765</u>	<u>\$34,030</u>	<u>\$26,787</u>	<u>\$23,502</u>	<u>\$170,312</u>
<u>EXPENDITURES</u>						
Asset Management Program	\$458	\$12,715	\$6,180	\$10,282	\$5,200	\$34,835
East Central Region Water Reclamation Facility		2,400	1,800	980	877	6,057
Hurricane Hardening	800					800
Sludge Pelletization Facility	1,500					1,500
Southern Greenways Project	100	1,000	900			2,000
Southern Region Water Reclamation Facility	10,860	3,400	3,000		3,000	20,260
Special Assessment Program	500	1,100	1,000	1,000	1,000	4,600
System Wide Deep Injection Wells		1,000			1,000	2,000
System Wide New Collection System Piping		6,700	5,150	2,200	2,000	16,050
System Wide Reclaimed Water System Piping		1,500	1,500	1,500	2,000	6,500
System Wide Security Upgrade		250	250	250	250	1,000
System Wide Telemetry System Upgrades	1,200	1,700	200	1,700	200	5,000
System Wide Wastewater Lift Stations Improv.	2,000	3,000	4,000			9,000
System Wide Wastewater Treatment Plant	900	750	750	750	750	3,900
System Wide Water Transmission Main Improv.		7,650	3,275	4,600	4,200	19,725
System Wide Water Treatment Plant Improv.		1,750	1,750	2,750	1,750	8,000
System Wide Wellfield Rehab and Expansion		2,250	775	775	775	4,575
Utility Acquisitions	3,000	1,000	500		500	5,000
Water Treatment Plant #2 - Sludge Dewatering	550	6,500	3,000			10,050
Water Treatment Plant #3 - Misc. Plant Improv.	550	100				650
Water Treatment Plant #8 - Plant Improv.	360	8,000				8,360
Water Treatment Plant #9 - Misc. Plant Improv.	450					450
TOTAL APPROPRIATIONS	<u>\$23,228</u>	<u>\$62,765</u>	<u>\$34,030</u>	<u>\$26,787</u>	<u>\$23,502</u>	<u>\$170,312</u>

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**Water Utilities
Summary of Capital Projects
By Funding Source
Fiscal Year 2008 Budget
(\$ in 1,000)**

Due to the anticipated continued growth in the northern portion of the Department's service area, Water Utilities has increased their capital requirements for expansion. The five year capital improvement program continues to include system wide improvement to enable the Department to comply with local, state and federal regulations. Projects also include the acquisition of current utility systems that will enable the Department to become a region service provider.

<u>Project #</u>	<u>Description</u>	<u>User Fees</u>	<u>Total Budget</u>
W031	Asset Management Program	\$458	\$458
W006	Hurricane Hardening	800	800
W030	Sludge Pelletization Facility	1,500	1,500
W006	Southern Greenway Project	100	100
W010	Southern Region Water Reclamation Facility	10,860	10,860
W021	Special Assessment Program	500	500
W006	System Wide Telemetry System Upgrades	1,200	1,200
W006	System Wide Wastewater Lift Stations	2,000	2,000
W006	System Wide Wastewater Treatment Plant	900	900
W006	Utility System Acquisition	3,000	3,000
W002	Water Treatment Plant #2 - Sludge Dewatering	550	550
W003	Water Treatment Plant #3 - Misc. Plant Improv.	550	550
W001	Water Treatment Plant #8 - Plant Improv.	360	360
W005	Water Treatment Plant #9 - Misc. Plant Improv.	450	450
Total Water Utilities		\$23,228	\$23,228
Total Appropriations		\$23,228	\$23,228
<u>Fund</u>	<u>Funding Recap</u>	<u>User Fees</u>	<u>Total Budget</u>
4011	CAPITAL IMPROVEMENT FUND	\$22,728	\$22,728
4013	SPECIAL ASSESSMENT PROGRAM FUND	500	500
Total		\$23,228	\$23,228

**Palm Beach County Capital Improvement Program
 FY 2008 - FY 2012 (\$ in 1,000)
 Capital Project Proposal**

Project Title: Asset Management Program

Unit #: W031

Description: An Asset Management Program provides a systematic method of minimizing the life cycle costs of utility assets while meeting desired service levels and controlling risk in the most efficient manner. The changes in work flow, personnel, technology and infrastructure required to successfully implement the program are being addressed with cross-function teams. The increase in the total project cost from the 2007 CIP is due to the addition of sewer collection system projects to the Asset Management Program. This program is expected to reduce future operating cost.

Cost Projections:

Element	Spending Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Design									0
Acquisition									0
Construction		4,750	458	12,715	6,180	10,282	5,200	9,700	49,285
Other									0
Total	0	4,750	458	12,715	6,180	10,282	5,200	9,700	49,285

Comprehensive Plan

Comp Plan Element	UE
Policy Number	1.1-C
Project Category	1
Project Location	N/A
Special Y/N	N
High Hazard Area Y/N	N

Funding Projections:

Category	Funding Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Ad Valorem									0
Impact Fees									0
Grants									0
Operating									0
Bonds									0
Other		4,750	458	12,715	6,180	10,282	5,200	9,700	49,285
Prop Share									0
Total	0	4,750	458	12,715	6,180	10,282	5,200	9,700	49,285

Operating Cost Projections

	1st Year	Annual Ongoing
F/Y		
Staff		
O & M		
Equipment		
Other		
Total	0	0
# of Positions		

**Palm Beach County Capital Improvement Program
 FY 2008 - FY 2012 (\$ in 1,000)
 Capital Project Proposal**

Project Title: East Central Region Water Reclamation Facility Plant Improvements

Unit #: W001

Description: The project represents the County's pro-rata share of various renewal and replacement projects at the East Central Region Water Reclamation Facility.

Cost Projections:

Element	Spending Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Design									0
Acquisition									0
Construction	2,500	1,250		2,400	1,800	980	877	703	10,510
Other									0
Total	2,500	1,250	0	2,400	1,800	980	877	703	10,510

Comprehensive Plan

Comp Plan Element	UE
Policy Number	1.1-c, 1.3-a
Project Category	2
Project Location	2
Special Y/N	N
High Hazard Area Y/N	N

Funding Projections:

Category	Funding Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Ad Valorem									0
Impact Fees									0
Grants									0
Operating									0
Bonds									0
Other	2,750	1,000		2,400	1,800	980	877	703	10,510
Prop Share									0
Total	2,750	1,000	0	2,400	1,800	980	877	703	10,510

Operating Cost Projections

F/Y	Annual	
	1st Year	Ongoing
Staff		
O & M		
Equipment		
Other		
Total	0	0
# of Positions		

**Palm Beach County Capital Improvement Program
 FY 2008 - FY 2012 (\$ in 1,000)
 Capital Project Proposal**

Project Title: Hurricane Hardening

Unit #: W006

Description: This project includes the hurricane hardening at various facilities

Cost Projections:

Element	Spending Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Design									0
Acquisition									0
Construction			800						800
Other									0
Total	0	0	800	0	0	0	0	0	800

Comprehensive Plan

Comp Plan Element	UE
Policy Number	1.1-c, 1.2-a, 1.2-d
Project Category	2
Project Location	2
Special Y/N	N
High Hazard Area Y/N	N

Funding Projections:

Category	Funding Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Ad Valorem									0
Impact Fees									0
Grants									0
Operating									0
Bonds									0
Other			800						800
Prop Share									0
Total	0	0	800	0	0	0	0	0	800

Operating Cost Projections

	1st Year	Annual Ongoing
F/Y		
Staff		
O & M		
Equipment		
Other		
Total	0	0
# of Positions		

**Palm Beach County Capital Improvement Program
 FY 2008 - FY 2012 (\$ in 1,000)
 Capital Project Proposal**

Project Title: Sludge Pelletization Facility

Unit #: W030

Description: The Department's pro-rata share of the construction costs of a sludge pelletization facility by the Solid Waste Authority. The facility will be operated as a joint venture.

Cost Projections:

Element	Spending Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Design									0
Acquisition									0
Construction			1,500						1,500
Other									0
Total	0	0	1,500	0	0	0	0	0	1,500

Comprehensive Plan

Comp Plan Element	UE
Policy Number	1.1-c,1.2-a,1.2-c,1.2-d
Project Category	2
Project Location	3
Special Y/N	N
High Hazard Area Y/N	N

Funding Projections:

Category	Funding Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Ad Valorem									0
Impact Fees									0
Grants									0
Operating									0
Bonds									0
Other			1,500						1,500
Prop Share									0
Total	0	0	1,500	0	0	0	0	0	1,500

Operating Cost Projections

	1st Year	Annual Ongoing
F/Y		
Staff		
O & M		
Equipment		
Other		
Total	0	0
# of Positions		

**Palm Beach County Capital Improvement Program
 FY 2008 - FY 2012 (\$ in 1,000)
 Capital Project Proposal**

Project Title: Southern Greenways Project

Unit #: W006

Description: This project includes the design and construction of a nature trail that will connect the Wakotahatchee and Green Cay Wetlands and extend west of Florida's Turnpike.

Cost Projections:

Element	Spending Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Design									0
Acquisition									0
Construction			100	1,000	900				2,000
Other									0
Total	0	0	100	1,000	900	0	0	0	2,000

Comprehensive Plan

Comp Plan Element	UE
Policy Number	1.1-C
Project Category	1
Project Location	2
Special Y/N	N
High Hazard Area Y/N	N

Funding Projections:

Category	Funding Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Ad Valorem									0
Impact Fees									0
Grants									0
Operating									0
Bonds									0
Other			100	1,000	900				2,000
Prop Share									0
Total	0	0	100	1,000	900	0	0	0	2,000

Operating Cost Projections

F/Y	Annual	
	1st Year	Ongoing
Staff		
O & M		
Equipment		
Other		
Total	0	0
# of Positions		

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**Palm Beach County Capital Improvement Program
 FY 2008 - FY 2012 (\$ in 1,000)
 Capital Project Proposal**

Project Title: Southern Region Water Reclamation Facility Plant Improvements

Unit #: W010

Description: This project includes the design and construction of various plant improvements to the Southern Region Water Reclamation Facility. Project includes digester gas equipment, high level disinfection, back up storage, odor control, high service transfer pumps and improvements. Additional improvements that will be needed to meet more stringent, regulatory requirements include two new chlorination units, expanded effluent filters, and an additional effluent storage tank.

Cost Projections:

Element	Spending Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Design									0
Acquisition									0
Construction	250	3,750	10,860	3,400	3,000		3,000	10,650	34,910
Other									0
Total	250	3,750	10,860	3,400	3,000	0	3,000	10,650	34,910

Comprehensive Plan

Comp Plan Element	UE
Policy Number	1.1-c
Project Category	1
Project Location	2
Special Y/N	N
High Hazard Area Y/N	N

Funding Projections:

Category	Funding Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Ad Valorem									0
Impact Fees									0
Grants									0
Operating									0
Bonds								10,650	10,650
Other	250	3,750	10,860	3,400	3,000		3,000		24,260
Prop Share									0
Total	250	3,750	10,860	3,400	3,000	0	3,000	10,650	34,910

Operating Cost Projections

	1st Year	Annual Ongoing
F/Y		
Staff		
O & M		
Equipment		
Other		
Total	0	0
# of Positions		

**Palm Beach County Capital Improvement Program
 FY 2008 - FY 2012 (\$ in 1,000)
 Capital Project Proposal**

Project Title: Utility System Acquisitions

Unit #: W006

Description: This project includes the acquisition of current utility systems and potential future service areas. These acquisitions will enable the Department to become a region water and wastewater service provider.

Cost Projections:

Element	Spending Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Design									0
Acquisition			3,000	1,000	500		500		5,000
Construction									0
Other									0
Total	0	0	3,000	1,000	500	0	500	0	5,000

Comprehensive Plan

Comp Plan Element	UE
Policy Number	1.1-c,1.2-a,1.2-d
Project Category	2
Project Location	N/A
Special Y/N	N
High Hazard Area Y/N	N

Funding Projections:

Category	Funding Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Ad Valorem									0
Impact Fees									0
Grants									0
Operating									0
Bonds									0
Other			3,000	1,000	500		500		5,000
Prop Share									0
Total	0	0	3,000	1,000	500	0	500	0	5,000

Operating Cost Projections

	1st Year	Annual Ongoing
F/Y		
Staff		
O & M		
Equipment		
Other		
Total	0	0
# of Positions		

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**Palm Beach County Capital Improvement Program
 FY 2008 - FY 2012 (\$ in 1,000)
 Capital Project Proposal**

Project Title: Water Treatment Plant #2 - Sludge Dewatering, Filter Replacement, & Backwash Piping

Unit #: W002

Description: This project involves the purchase and installation of sludge handling equipment and dewatering facilities at Water Treatment Plant #2, and is necessary to help meet increasing demand for potable water.

Cost Projections:

Element	Spending Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Design			200						200
Acquisition									0
Construction			350	6,500	3,000				9,850
Other									0
Total	0	0	550	6,500	3,000	0	0	0	10,050

Comprehensive Plan

Comp Plan Element	UE
Policy Number	1.1-c, 1.2-a, 1.2-d
Project Category	2
Project Location	2
Special Y/N	N
High Hazard Area Y/N	N

Funding Projections:

Category	Funding Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Ad Valorem									0
Impact Fees									0
Grants									0
Operating									0
Bonds									0
Other			550	6,500	3,000				10,050
Prop Share									0
Total	0	0	550	6,500	3,000	0	0	0	10,050

Operating Cost Projections

	1st Year	Annual Ongoing
F/Y		
Staff		
O & M		
Equipment		
Other		
Total	0	0
# of Positions		

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**Palm Beach County Capital Improvement Program
 FY 2008 - FY 2012 (\$ in 1,000)
 Capital Project Proposal**

Project Title: Water Treatment Plant #3 - Miscellaneous Plant Improvement Projects

Unit #: W003

Description: This project includes hurricane hardening, installation of an odor control scrubber, membrane pilot testing and membrane concentrate corrosion control projects at Water Treatment Plant #3.

Cost Projections:

Element	Spending Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Design									0
Acquisition									0
Construction		1,000	550	100					1,650
Other									0
Total	0	1,000	550	100	0	0	0	0	1,650

Comprehensive Plan

Comp Plan Element	UE
Policy Number	1.1-c, 1.2-a, 1.2-d
Project Category	2
Project Location	2
Special Y/N	N
High Hazard Area Y/N	N

Funding Projections:

Category	Funding Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Ad Valorem									0
Impact Fees									0
Grants									0
Operating									0
Bonds									0
Other	1,000		550	100					1,650
Prop Share									0
Total	1,000	0	550	100	0	0	0	0	1,650

Operating Cost Projections

F/Y	Annual	
	1st Year	Ongoing
Staff		
O & M		
Equipment		
Other		
Total	0	0
# of Positions		

**Palm Beach County Capital Improvement Program
 FY 2008 - FY 2012 (\$ in 1,000)
 Capital Project Proposal**

Project Title: Water Treatment Plant #8 - Plant Improvements

Unit #: W001

Description: This project includes replacing air filters and the construction of an aquifer storage recovery well at Water Treatment Plant #8. This project will enable the Department to meet anticipated increased regulatory requirements for potable water and increase the available raw water supply, which is identified in the Master Plan and included in the Comprehensive Plan.

Cost Projections:

Element	Spending Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Design									0
Acquisition									0
Construction		21,000	360	8,000					29,360
Other									0
Total	0	21,000	360	8,000	0	0	0	0	29,360

Comprehensive Plan

Comp Plan Element	UE
Policy Number	1.1-c,1.2-a,1.2-d
Project Category	2
Project Location	2
Special Y/N	N
High Hazard Area Y/N	N

Funding Projections:

Category	Funding Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Ad Valorem									0
Impact Fees									0
Grants									0
Operating									0
Bonds	21,000								21,000
Other			360	8,000					8,360
Prop Share									0
Total	21,000	0	360	8,000	0	0	0	0	29,360

Operating Cost Projections

F/Y	Annual	
	1st Year	Ongoing
Staff		
O & M		
Equipment		
Other		
Total	0	0
# of Positions		

**Palm Beach County Capital Improvement Program
 FY 2008 - FY 2012 (\$ in 1,000)
 Capital Project Proposal**

Project Title: Water Treatment Plant #9 - Miscellaneous Plant Improvement Projects

Unit #: W005

Description: This project includes hurricane hardening and installation of a sand trainer at Water Treatment Plant #9.

Cost Projections:

Element	Spending Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Design									0
Acquisition									0
Construction			450						450
Other									0
Total	0	0	450	0	0	0	0	0	450

Comprehensive Plan

Comp Plan Element	UE
Policy Number	1.1-c, 1.2-a, 1.2-d
Project Category	2
Project Location	2
Special Y/N	N
High Hazard Area Y/N	N

Funding Projections:

Category	Funding Prior FY's	FY 2007 Current	FY 2008 Request	FY 2009	FY 2010	FY 2011	FY 2012	Beyond FY 2012	Total
Ad Valorem									0
Impact Fees									0
Grants									0
Operating									0
Bonds									0
Other			450						450
Prop Share									0
Total	0	0	450	0	0	0	0	0	450

Operating Cost Projections

F/Y	Annual	
	1st Year	Ongoing
Staff		
O & M		
Equipment		
Other		
Total	0	0
# of Positions		

PALM BEACH COUNTY CIP & CAPITAL BUDGET
FY 2008 - FY 2012
SMALL PROJECT/ CAPITAL MAINTENANCE

Title: Special Assessment Program	Unit #: W021	Fiscal Year	Amount
Description: This on-going project enables the Department to provide potable water service and/or sanitary wastewater service to developed areas currently using wells and/or septic tanks.		2008	\$500,000
		2009	\$1,100,000
		2010	\$1,000,000
		2011	\$1,000,000
		2012	\$1,000,000
		Total	\$4,600,000

Title: System Wide Deep Injection Wells	Unit #: W010	Fiscal Year	Amount
Description: This on-going project includes the expansion and rehabilitation of deep injection wells used in the wastewater treatment disposal process. Older wells that have deteriorated with age will also be replaced under this program.		2008	
		2009	\$1,000,000
		2010	
		2011	
		2012	\$1,000,000
		Total	\$2,000,000

Title: System Wide New Collection System Piping	Unit #: W006	Fiscal Year	Amount
Description: This project will construct wastewater mains and facilities that are needed to serve the Department's increasing service area. As new areas are developed, these line will enable the Department to provide sanitary sewer service.		2008	
		2009	\$6,700,000
		2010	\$5,150,000
		2011	\$2,200,000
		2012	\$2,000,000
		Total	\$16,050,000

Title: System Wide Reclaimed Water System Piping	Unit #: W006	Fiscal Year	Amount
Description: Expansion of the Department's reclaimed water system to meet expected increase in demand.		2008	
		2009	\$1,500,000
		2010	\$1,500,000
		2011	\$1,500,000
		2012	\$2,000,000
		Total	\$6,500,000

Title: System Wide Security Upgrades	Unit #: W006	Fiscal Year	Amount
Description: On-going upgrade of security at the Department's various facilities.		2008	
		2009	\$250,000
		2010	\$250,000
		2011	\$250,000
		2012	\$250,000
		Total	\$1,000,000

Title: System Wide Telemetry System Upgrades	Unit #: W006	Fiscal Year	Amount
Description: This on-going project is for the design and installation of various remote telemetry network units for water, wastewater and support facilities. Telemetry enables the Department to operate and monitor facilities from remote locations, and increase efficiency.		2008	\$1,200,000
		2009	\$1,700,000
		2010	\$200,000
		2011	\$1,700,000
		2012	\$200,000
		Total	\$5,000,000

PALM BEACH COUNTY CIP & CAPITAL BUDGET

FY 2008 - FY 2012

SMALL PROJECT/ CAPITAL MAINTENANCE

Title:	System Wide Wastewater Lift Station Improvements	Unit #:	W006	Fiscal Year	Amount
Description: This project involves rehabilitation or replacement of various lift station components including pumps, piping and odor control. These stations have either reached the end of their useful lives or must be modified to meet the demands of continued growth and changes in flow characteristics. This replacement program and facility rehabilitation provides the additional benefits of minimizing down-time and controlling maintenance costs.				2008	\$2,000,000
				2009	\$3,000,000
				2010	\$4,000,000
				2011	
				2012	
				Total	\$9,000,000

Title:	System Wide Wastewater Treatment Plant Improvements	Unit #:	W006	Fiscal Year	Amount
Description: General improvements to the Department's existing wastewater treatment plants, including renewal & replacement, and additions of chemical feed, yard piping, and pumping, etc. These project funds are requested to enable the Department to continue to comply with local, state and federal regulations. This replacement program and facility rehabilitation provides the additional benefits of minimizing down-time and controlling maintenance costs.				2008	\$900,000
				2009	\$750,000
				2010	\$750,000
				2011	\$750,000
				2012	\$750,000
				Total	\$3,900,000

Title:	System Wide Water Transmission Main Improvements	Unit #:	W006	Fiscal Year	Amount
Description: This project will modify, relocate, and replace water mains and facilities that conflict with road construction, or are located in older developments. This project is being requested because roadway occupancy permits require relocation of conflicting infrastructure when roadways are widened. Older lines that are deteriorating with age will also be replaced under this program.				2008	
				2009	\$7,650,000
				2010	\$3,275,000
				2011	\$4,600,000
				2012	\$4,200,000
				Total	\$19,725,000

Title:	System Wide Water Treatment Plant Improvements	Unit #:	W006	Fiscal Year	Amount
Description: General improvements to the Department's existing water treatment plants, including renewal & replacement, and additions of chemical feed, yard piping, and pumping etc. These project funds are requested to enable the department to continue to provide a high level of water treatment and comply with local, state and federal regulations.				2008	
				2009	\$1,750,000
				2010	\$1,750,000
				2011	\$2,750,000
				2012	\$1,750,000
				Total	\$8,000,000

Title:	System Wide Wellfield Rehab and Expansion	Unit #:	W006	Fiscal Year	Amount
Description: This on-going project consists of 1) the testing, evaluating and rehabilitating the existing production wells serving the water treatment facilities, and 2) the construction of new wells. This project will ensure that existing wells meet the design production capacity as the overall water demand increases and the availability of new sites becomes more restricted. This project will be a benefit in continuing to provide flows to meet peak demand and maintain current service levels.				2008	
				2009	\$2,250,000
				2010	\$775,000
				2011	\$775,000
				2012	\$775,000
				Total	\$4,575,000

Title:		Unit #:		Fiscal Year	Amount
Description:				2008	
				2009	
				2010	
				2011	
				2012	
				Total	\$0