

Public
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Project: 75939		Project Title: Neighborhood Water and Sewer Projects					
	To-Date	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	Total
Project Cost	\$ 11,971,883	2,000,000	4,250,000	4,750,000	5,250,000	5,750,000	33,971,883
<u>Funding</u>							
FY 2002 GO Bonds	7,925,083	-	-	-	-	-	7,925,083
Sale of Property	1,800	-	-	-	-	-	1,800
FY 2004 PU Bonds	4,045,000	-	-	-	-	-	4,045,000
FY 2005 PU Bonds	-	2,000,000	-	-	-	-	2,000,000
FY 2006 PU Bonds	-	-	4,250,000	-	-	-	4,250,000
FY 2007 PU Bonds	-	-	-	4,750,000	-	-	4,750,000
FY 2008 PU Bonds	-	-	-	-	5,250,000	-	5,250,000
FY 209 PU Bonds	-	-	-	-	-	5,750,000	5,750,000
Total Funding	\$ 11,971,883	2,000,000	4,250,000	4,750,000	5,250,000	5,750,000	33,971,883

Project Description: For replacing or rehabilitating the water and sewer infrastructure throughout the city, one neighborhood at a time, the Department of Public Utilities has developed an aggressive program. This work is based upon neighborhood water and sewer infrastructure age and condition. Work will continue in the Brighton/South Portsmouth and Simmondsdale neighborhoods, and planning and construction will commence in Prentice Park and Ebony Heights.

Project: 75943		Project Title: Water Plant Residuals Management and Disposal					
	To-Date	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	Total
Project Cost	\$ 3,033,500	750,000	750,000	-	-	600,000	5,133,500
<u>Funding</u>							
FY 2002 GO Bonds	1,798,430	-	-	-	-	-	1,798,430
FY 2003 PU Bonds	328,570	-	-	-	-	-	328,570
FY 2004 PU Bonds	906,500	-	-	-	-	-	906,500
FY 2005 PU Bonds	-	750,000	-	-	-	-	750,000
FY 2006 PU Bonds	-	-	750,000	-	-	-	750,000
FY 2009 PU Bonds	-	-	-	-	-	600,000	600,000
Total Funding	\$ 3,033,500	750,000	750,000	-	-	600,000	5,133,500

Project Description: The Department of Public Utilities operates the lake Kilby Water Treatment Plant. The treatment process removes naturally suspended organic and inorganic water particles. These particles are known as residuals. Currently the residuals removed in the treatment process are placed in a lagoon. Over its 24-year life, the lagoon has accumulated considerable residuals. Over a period of time, it needs to be cleaned out. By dewatering and disposal in approved landfills, this multi-year project provides for the lagoon's restoration capacity.

Project: 75944		Project Title: Water Plant Replacement and Equipment					
	To-Date	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	Total
Project Cost	\$ 2,418,213	549,000	1,114,000	1,147,000	1,182,000	1,220,000	7,630,213



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Project: 75944		Project Title: Water Plant Replacement and Equipment					
	To-Date	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	Total
<u>Funding</u>							
FY 2002 GO Bonds	477,293	-	-	-	-	-	477,293
FY 2003 PU Bonds	480,207	-	-	-	-	-	480,207
FY 2004 PU Bonds	1,460,713	-	-	-	-	-	1,460,713
FY 2005 PU Bonds	-	549,000	-	-	-	-	549,000
FY 2006 PU Bonds	-	-	1,114,000	-	-	-	1,114,000
FY 2007 PU Bonds	-	-	-	1,147,000	-	-	1,147,000
FY 2008 PU Bonds	-	-	-	-	1,182,000	-	1,182,000
FY 2009 PU Bonds	-	-	-	-	-	1,220,000	1,220,000
Total Funding	\$ 2,418,213	549,000	1,114,000	1,147,000	1,182,000	1,220,000	7,630,213

Project Description: The Department of Public Utilities is responsible for the operation and maintenance of 32 million per day capacity water treatment plants and associated raw water pumping stations. This project provides for the addition, replacement, rehabilitation or life-extension overhaul of pumps, electrical and control systems, valves, HVAC systems, roofs, emergency generators, chemical storage and feed systems, security systems and other major equipment items.

Project: 75945		Project Description: High Service Water Pumps					
	To-Date	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	Total
Project Cost	\$ 25,000	-	-	-	-	-	25,000
<u>Funding</u>							
FY 2002 GO Bonds	\$ 25,000	-	-	-	-	-	25,000

Project Description: From the Lake Kilby Water Treatment Facility to its service areas, the Department of Public Utilities operates 10 large vertical turbine (high service) pumps conveying treated water. This project provides for major water component replacement on one of these pumps (shafting, impellers, wear rings and bearings).

Project: 75946		Project Title: Meter Replacement Program					
	To-Date	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	Total
Project Cost	\$ 208,000	100,000	450,000	464,000	478,000	491,000	2,191,000
<u>Funding</u>							
FY 2002 GO Bonds	108,000	-	-	-	-	-	108,000
FY 2004 PU Bonds	100,000	-	-	-	-	-	100,000
FY 2005 PU Bonds	-	100,000	-	-	-	-	100,000
FY 2006 PU Bonds	-	-	450,000	-	-	-	450,000
FY 2007 PU Bonds	-	-	-	464,000	-	-	464,000
FY 2008 PU Bonds	-	-	-	-	478,000	-	478,000
FY 2009 PU Bonds	-	-	-	-	-	491,000	491,000
Total Funding	\$ 208,000	100,000	450,000	464,000	478,000	491,000	2,191,000

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Project Description: The Department of Public Utilities is responsible for the reading, operating and maintenance of over 31,000 water meters. Using economically justified age and accuracy criteria, this project provides for systematic water meter replacement.

Project: 75947		Project Title: Establish Wetlands Mitigation Bank					
	To-Date	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	Total
Project Cost	\$ 10,000	-	-	-	-	-	10,000
Funding							
FY 2002 GO Bonds	\$ 10,000	-	-	-	-	-	10,000

Project Description: Federal Environmental law requires jurisdictional wetland property disturbance mitigation by the creation or preservation of other wetland property. This project provided preliminary feasibility assessment funding for a Public Utility watershed land holding conversion into constructed wetlands. As "credit" against wetland acreage disturbed by other projects, the department would use the wetlands established.

Project: 75953		Project Title: Miscellaneous Water Work					
	To-Date	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	Total
Project Cost	\$2,021,563	120,000	123,000	127,000	130,000	134,000	2,655,563
Funding							
FY 1992 GO Bonds	157,303	-	-	-	-	-	157,303
FY 1993 GO Bonds	179,005	-	-	-	-	-	179,005
FY 1997 GO Bonds	116,078	-	-	-	-	-	116,078
FY 2002 GO Bonds	440,177	-	-	-	-	-	440,177
Sale of Property	900,000	-	-	-	-	-	900,000
FY 2003 PU Bonds	113,000	-	-	-	-	-	113,000
FY 2004 PU Bonds	116,000	-	-	-	-	-	116,000
FY 2005 PU Bonds	-	120,000	-	-	-	-	120,000
FY 2006 PU Bonds	-	-	123,000	-	-	-	123,000
FY 2007 PU Bonds	-	-	-	127,000	-	-	127,000
FY 2008 PU Bonds	-	-	-	-	130,000	-	130,000
FY 2009 PU Bonds	-	-	-	-	-	134,000	134,000
Total Funding	\$2,021,563	120,000	123,000	127,000	130,000	134,000	2,655,563

Project Description: The Department of Public Utilities is responsible for the operation and maintenance of approximately 546 water main miles, over 2,500 fire hydrants, 12,000 valves, four elevated tanks, two water booster-pumping stations, and other components compromising the water system. Not included in the Neighborhood Replacement Program, this project provides for routine water system component replacement and/or rehabilitation Not included in the Neighborhood Replacement Program. The work will be performed with in-house and contractor forces.