

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

WATER SUMMARY

The County owns, maintains and constructs central water systems located throughout the County. New systems are built to accommodate growth, and often, developer contributions for part of the system are dedicated to the County. Infrastructure as a result of new growth is financed by a capital charge, referred to as a "connection fee," and collected from the home builder. Other capital costs for renovations, rehabilitations, and improvements to service existing customers are recovered through user fee revenues and/or special assessment assessed per household.

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year			
						Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	\$1,053	\$992	\$690	\$706	\$389	\$3,830	\$3,521	\$437	\$7,787
Land & ROW	0	0	0	0	0	0	182	0	182
Construction	3,059	2,125	2,016	1,477	1,624	10,299	3,180	12,646	26,124
Equipment	155	54	56	58	61	383	711	0	1,093
Administration	137	115	88	51	57	447	226	653	1,326
Inspection	237	196	192	238	250	1,112	217	1,559	2,888
Miscellaneous	5	10	11	0	0	26	68	0	94
Contingency	3	35	36	3	4	81	178	4	263
Total Outlay	\$4,648	\$3,526	\$3,087	\$2,533	\$2,384	\$16,177	\$8,281	\$15,299	\$39,757

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year			
						Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds	\$4,381	\$3,028	\$2,656	\$2,494	\$2,342	\$14,900	\$7,729	\$15,265	\$37,894
Fund Balance Appropriation	0	0	0	0	0	0	3	0	3
Operating Transfer	190	219	227	39	42	717	399	34	1,150
Total County Funding	4,571	3,247	2,883	2,533	2,384	15,617	8,131	15,299	39,047
Federal	0	0	0	0	0	0	0	0	0
State	77	279	204	0	0	560	150	0	710
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$4,648	\$3,526	\$3,087	\$2,533	\$2,384	\$16,177	\$8,281	\$15,299	\$39,757

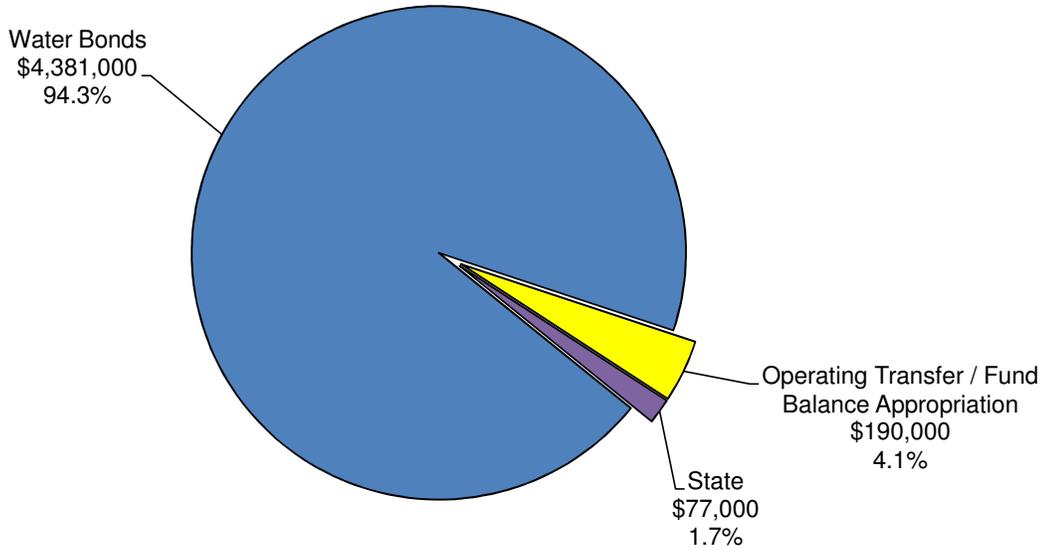
Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year	
						Approp. thru FY13	Beyond FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	782.5	1,165.3	1,452.9	1,728.3	1,997.1	782.4	3,119.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$782.4	\$1,165.4	\$1,452.9	\$1,832.5	\$1,353.6	\$782.4	\$3,119.5

Increase to Water User Fee:	30.5¢	45.5¢	55.9¢	62.1¢	72.3¢	33.4¢	104.3¢
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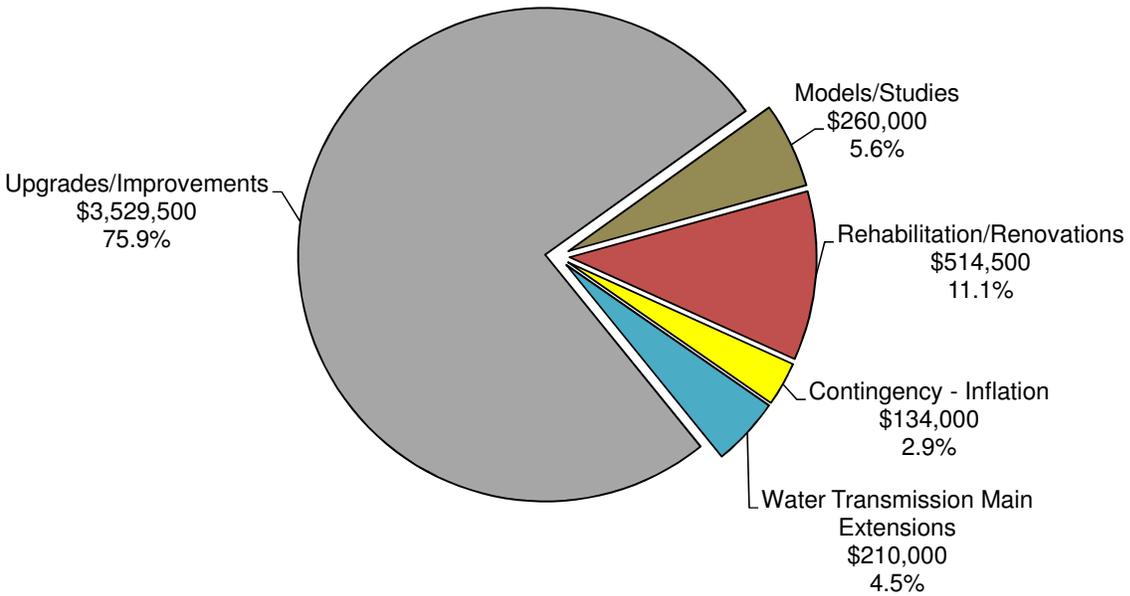
VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$2,866	\$1,902	\$1,592	\$1,450	\$7,810
Increase/(Decrease)	\$1,782	\$1,624	\$1,495	\$1,083	\$5,983
% change	62.2%	85.4%	93.9%	74.7%	76.6%

FY14 Water Financing Sources
Total \$4,648,000

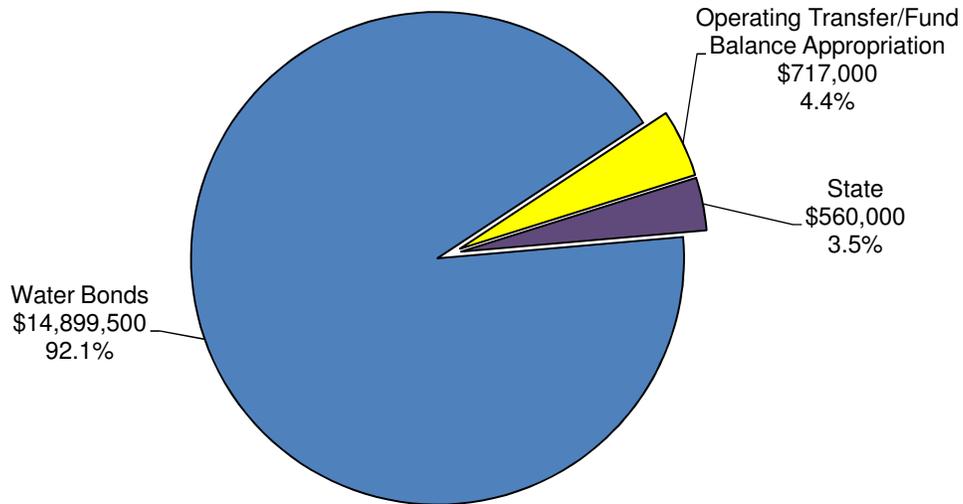


FY14 Water Projects by Type
Total \$4,648,000



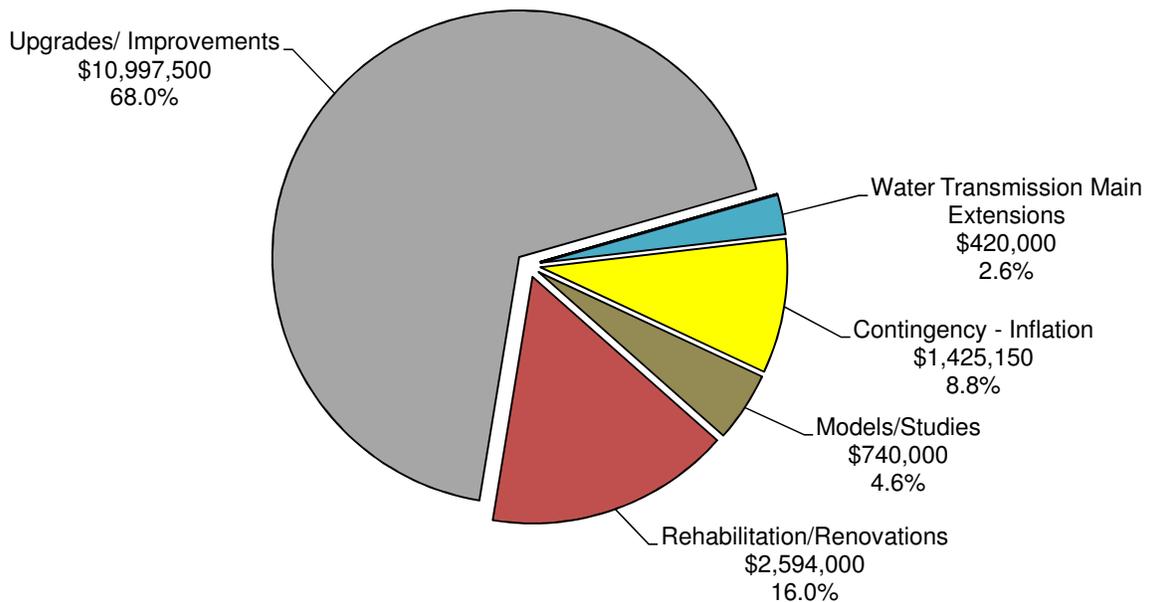
Included in upgrades/improvements are improvements to the Clifton & Benedict Water Systems, Well Site Automations, Satellite Facilities Upgrades, White Plains South Water Line Improvements and the creation of a Automation and Technology Master Plan.

FY14-FY18 Water Financing Sources Total \$16,176,500



Financing the debt service associated with bonds for water projects is recovered primarily from water customer connection and user fees.

FY14-FY18 Water Projects by Type Total \$16,176,650



Included in upgrades/improvements are improvements to the Clifton & Benedict Water Systems, Well Site Automations, Satellite Facilities Upgrades, White Plains South Water Line Improvements and the creation of a Automation and Technology Master Plan.

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Well Site Automation	Water User Water Connection	100% 0%	Requested By: DPW Project #: 6097
<p>Work includes installation of control equipment to automate various well sites to include, but are not limited to the following: White Oak, John Hansen, St. Charles, Smallwood West, Mattawoman-Beantown, Towne Plaza, Billingsley 1 & 2, Westwood Drive 1 & 2, Cleveland Park 1 & 2, Piney Church, Pinefield, and Bensville 1 & 2 wells. Work also includes installation of equipment to monitor aquifer levels at the well sites listed above including St. Anne's, Clifton #2, Swan Point (2 wells), Bel Alton (2 wells), Mt. Carmel Woods (2 wells), Mariellen (2 wells), Ellenwood (2 wells), Jude House (2 wells), Benedict (2 wells), Strawberry Hills, Hunter's Brooke (2 wells), Beantown Woodley, Oakwood, Spring Valley, Brookwood, and Newtown Village.</p>			

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	\$15	\$10	\$0	\$0	\$0	\$25	\$0	\$0	\$25
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	150	100	0	0	0	250	0	0	250
Equipment	0	0	0	0	0	0	0	0	0
Administration	7	6	0	0	0	13	0	0	13
Inspection	15	10	0	0	0	25	0	0	25
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$187	\$126	\$0	\$0	\$0	\$313	\$0	\$0	\$313

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds (15 Year)	\$187	\$126	\$0	\$0	\$0	\$313	\$0	\$0	\$313
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$187	\$126	\$0	\$0	\$0	\$313	\$0	\$0	\$313
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$187	\$126	\$0	\$0	\$0	\$313	\$0	\$0	\$313

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Beyond FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	15.1	25.7	25.7	25.7	25.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$15.1	\$25.7	\$25.7	\$25.7	\$25.7
Increase to Water User Fee:	0.0¢	0.7¢	1.1¢	1.1¢	1.1¢	1.1¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$198	\$133	\$0	\$0	\$331
Increase/(Decrease)	(\$11)	(\$7)	\$0	\$0	(\$18)
% change	-5.6%	-5.3%	n/a	n/a	-5.4%

LOCATION:

See sites listed in description

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Cliffton Water System Improvements	Water User Water Connection	50% 50%	Requested By: DPW Project #: 6069
<p>The water system at Cliffton requires improvements to solve pressure and capacity issues for not only the existing connections, but to also further support the building of the remaining 200 lots of record within the development. Additional storage will be needed and the existing piping system will have to be evaluated for sufficiency and reliability. A 250,000 gal elevated storage tank will be installed along with the necessary tie-in piping and system interconnections.</p> <p>FISCAL NOTE: Project is needed regardless of new connections to address pressure and capacity issues.</p>			

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	95	0	0	0	0	\$95	\$416	\$0	\$511
Land & ROW	0	0	0	0	0	0	82	0	82
Construction	966	0	0	0	0	966	309	0	1,275
Equipment	0	0	0	0	0	0	0	0	0
Administration	38	0	0	0	0	38	48	0	86
Inspection	95	0	0	0	0	95	72	0	167
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	39	0	39
Total Outlay	\$1,194	\$0	\$0	\$0	\$0	\$1,194	\$966	\$0	\$2,160

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds (15 Year)	\$1,194	\$0	\$0	\$0	\$0	\$1,194	\$966	\$0	\$2,160
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$1,194	\$0	\$0	\$0	\$0	\$1,194	\$966	\$0	\$2,160
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$1,194	\$0	\$0	\$0	\$0	\$1,194	\$966	\$0	\$2,160

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Approp. thru FY13	Beyond FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	78.0	174.5	174.5	174.5	174.5	78.0	174.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$78.0	\$174.5	\$174.5	\$174.5	\$174.5	\$78.0	\$174.5
Increase to Water User Fee:	1.7¢	3.8¢	3.8¢	3.7¢	3.6¢	1.7¢	3.6¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$1,194	\$0	\$0	\$0	\$1,194
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	0.0%	n/a	n/a	n/a	0.0%

LOCATION:
Cliffton, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Underground Infrastructure Repairs	Water User Water Connection	100% 0%	Requested By: DPW Project #: 6098
Excavate and replace corroded bonnet bolts on underground valves in Lexington, Wexford, and other areas of the County. The bolts are only 11 years old but have already begun to fail because stainless steel was not used in the original construction. Also need to excavate and replace corroded steel service saddles in Pinefield which are approaching 40 years of service life. These have begun to fail and repairing them only as breaks occur results in unscheduled outages, unplanned emergency repair work involving larger excavations, and more extensive restoration, all of which are far more costly.			

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$315	\$315
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	500	500	500	500	500	2,500	0	3,150	5,650
Equipment	0	0	0	0	0	0	0	0	0
Administration	3	3	3	3	3	15	0	332	347
Inspection	0	0	0	0	0	0	0	315	315
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$503	\$503	\$503	\$503	\$503	\$2,515	\$0	\$4,112	\$6,627

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds (15 Year)	\$503	\$503	\$503	\$503	\$503	\$2,515	\$0	\$4,112	\$6,627
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$503	\$503	\$503	\$503	\$503	\$2,515	\$0	\$4,112	\$6,627
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$503	\$503	\$503	\$503	\$503	\$2,515	\$0	\$4,112	\$6,627

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Beyond FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	40.6	82.8	126.4	171.7	586.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$40.6	\$82.8	\$126.4	\$171.7	\$586.8
Increase to Water User Fee:	0.0¢	1.8¢	3.6¢	5.4¢	7.2¢	24.1¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$328	\$328	\$458	\$458	\$1,572
Increase/(Decrease)	\$175	\$175	\$45	\$45	\$440
% change	53.4%	53.4%	9.8%	9.8%	28.0%

LOCATION:
Development District

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Benedict Water System Improvements	Water User Water Connection	100% 0%	Requested By: DPW Project #: 6099
Project includes replacement of Benedict well due to arsenic levels and the purchase of a generator to ensure uninterrupted service in the case of a power outage. The deteriorated hydro-pneumatic and ground storage tanks will also be replaced at Benedict and St. Francis well sites.			

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	\$75	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$75
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	325	275	0	0	0	600	0	0	600
Equipment	100	0	0	0	0	100	0	0	100
Administration	15	10	0	0	0	25	0	0	25
Inspection	35	0	0	0	0	35	0	0	35
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$550	\$285	\$0	\$0	\$0	\$835	\$0	\$0	\$835

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds (15 Year)	\$550	\$285	\$0	\$0	\$0	\$835	\$0	\$0	\$835
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$550	\$285	\$0	\$0	\$0	\$835	\$0	\$0	\$835
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$550	\$285	\$0	\$0	\$0	\$835	\$0	\$0	\$835

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Beyond FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	44.4	68.3	68.3	68.3	68.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$44.4	\$68.3	\$68.3	\$68.3	\$68.3
Increase to Water User Fee:	0.0¢	1.9¢	2.9¢	2.9¢	2.9¢	2.8¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$0	\$286	\$0	\$0	\$286
Increase/(Decrease)	\$550	(\$1)	\$0	\$0	\$549
% change	new	-0.3%	n/a	n/a	192.0%

LOCATION:
Benedict, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Water Model Update	Water User Water Connection	55% 45%	Requested By: PGM Project #: 6090
To update the current County Water Model by including newly installed water utilities and verifying the system stability and deficiencies. The County anticipates having to make changes to our traditional operations of our water system, due to concerns with water supply in certain geographic areas.			

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	\$27	\$27	\$27	\$27	\$27	\$135	\$193	\$27	\$355
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	4	4	4	4	4	20	7	4	31
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	3	3	3	3	3	15	24	3	42
Total Outlay	\$34	\$34	\$34	\$34	\$34	\$170	\$223	\$34	\$427

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	34	34	34	34	34	170	223	34	427
Total County Funding	\$34	\$34	\$34	\$34	\$34	\$170	\$223	\$34	\$427
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$34	\$34	\$34	\$34	\$34	\$170	\$223	\$34	\$427

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Approp. thru FY13	Beyond FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.8¢	0.0¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$34	\$34	\$34	\$34	\$136
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	0.0%	0.0%	0.0%	0.0%	0.0%

LOCATION:
County-wide

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Patuxent Aquifer Study	Water User Water Connection	0% 100%	Requested By: PGM Project #: 6085
<p>Based on the findings of the Maryland Geological Survey studies from 2004 and 2005, the County is investigating the water production capability from the Patuxent Aquifer within various areas of the Development District. This project includes drilling four (4) new groundwater observation wells and associated infrastructure to investigate the usability of the Patuxent aquifer as a future water source, as well as determining the water quality for consumption. This project may include the acquisition of land for the subject well sites and/or infrastructure. The Maryland Geological Survey will provide the consulting services for project management, well installation, pump tests, water quality analysis, aquifer modeling, and production of a final report.</p>			

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	\$75	\$0	\$0	\$0	\$0	\$75	\$224	\$0	\$299
Land & ROW	0	0	0	0	0	0	100	0	100
Construction	0	0	0	0	0	0	1,060	0	1,060
Equipment	0	0	0	0	0	0	0	0	0
Administration	5	0	0	0	0	5	34	0	39
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	60	0	60
Contingency	0	0	0	0	0	0	115	0	115
Total Outlay	\$80	\$0	\$0	\$0	\$0	\$80	\$1,593	\$0	\$1,673

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$1,440	\$0	\$1,440
Fund Balance Appropriation	0	0	0	0	0	0	3	0	3
Operating Transfer	5	0	0	0	0	5	0	0	5
Total County Funding	\$5	\$0	\$0	\$0	\$0	\$5	\$1,443	\$0	\$1,448
Federal	0	0	0	0	0	0	0	0	0
State	75	0	0	0	0	75	150	0	225
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$80	\$0	\$0	\$0	\$0	\$80	\$1,593	\$0	\$1,673

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Approp. thru FY13	Beyond FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	116.3	116.3	116.3	116.3	116.3	116.3	116.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$116.3	\$116.3	\$116.3	\$116.3	\$116.3	\$116.3	\$116.3
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$78	\$0	\$0	\$0	\$78
Increase/(Decrease)	\$2	\$0	\$0	\$0	\$2
% change	2.6%	n/a	n/a	n/a	2.6%

LOCATION:
Development District

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Various County Water Studies	Water User Water Connection	0% 100%	Requested By: PGM Project #: 6091
<p>Surface Water Treatment Plant Study (New) - Consistent with the recommendations of the 2006 Water Resources Advisory Committee Report to the Charles County Commissioners, an evaluation of feasibility is needed to determine the infrastructure needs, potential natural environmental and socio-economic impacts, and cost implications of a surface water treatment facility in Charles County. The feasibility study will determine the cost versus benefit of a surface water treatment system and associated water distribution logistics over other currently used water sources. The Study will also take into account the potential for multiple users/multiple jurisdictions as a regional water supply.</p> <p>Aquifer Storage Recovery Feasibility Study (New)- Consistent with the recommendations of the 2006 Water Resources Advisory Committee Report to the Charles County Commissioners, an evaluation is needed to determine the feasibility of implementing an Aquifer Storage Recovery System (ASR). The Study will include an evaluation of the infrastructure needs, potential natural environmental and socio-economic impacts, and cost implications of the ASR System. The Study will also evaluate the necessary Federal, State and Local regulatory obstacles and associated changes to permit an ASR system in Charles County.</p>			

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	\$75	\$75	\$75	\$0	\$0	\$225	\$150	\$0	\$375
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	10	10	10	0	0	30	18	0	48
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	4	4	4	0	0	12	8	0	20
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$89	\$89	\$89	\$0	\$0	\$267	\$176	\$0	\$443

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	89	89	89	0	0	267	176	0	443
Total County Funding	\$89	\$89	\$89	\$0	\$0	\$267	\$176	\$0	\$443
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$89	\$89	\$89	\$0	\$0	\$267	\$176	\$0	\$443

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:					
	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$89	\$89	\$89	\$0	\$267
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	0.0%	0.0%	0.0%	n/a	0.0%

LOCATION: County-wide

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Waldorf/Chapel Pt. Water System Interconnection Feasibility Study	Water User 100% Water Connection 0%	Requested By: PGM Project #: 6100
Perform a study to analyze the feasibility of connecting the Waldorf water system to Chapel Point water system. The interconnection of the two water systems will provide a reliable water supply to the southern portion of the County.		

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	\$50	\$75	\$75	\$0	\$0	\$200	\$0	\$0	\$200
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	6	7	7	0	0	20	0	0	20
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	1	1	1	0	0	3	0	0	3
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$57	\$83	\$83	\$0	\$0	\$223	\$0	\$0	\$223

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds (15 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	57	83	83	0	0	223	0	0	223
Total County Funding	\$57	\$83	\$83	\$0	\$0	\$223	\$0	\$0	\$223
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$57	\$83	\$83	\$0	\$0	\$223	\$0	\$0	\$223

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Increase to Water User Fee:	2.5¢	3.6¢	3.6¢	0.0¢	0.0¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$57	\$83	\$83	\$0	\$223
% change	new	new	new	n/a	new

LOCATION:
 Waldorf & Chapel Point

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: White Plains South Water Line Improvements	Water User Water Connection	0% 100%	Requested By: PGM Project #:
Design and construction of a 12" water line along Marshall Corner Road from US 301 to Pickeral Street to begin a loop to the southern portion of the Waldorf System.			
NOTE: Project is contingent on Residents securing Grant funding.			

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	\$0	\$150	\$0	\$0	\$0	\$150	\$0	\$0	\$150
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	300	300	0	0	600	0	0	600
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	26	18	0	0	44	0	0	44
Inspection	0	18	18	0	0	36	0	0	36
Miscellaneous	0	5	5	0	0	10	0	0	10
Contingency	0	30	30	0	0	60	0	0	60
Total Outlay	\$0	\$529	\$371	\$0	\$0	\$900	\$0	\$0	\$900

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds (15 Year)	\$0	\$267	\$188	\$0	\$0	\$454	\$0	\$0	\$454
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$267	\$188	\$0	\$0	\$454	\$0	\$0	\$454
Federal	0	0	0	0	0	0	0	0	0
State	0	263	184	0	0	446	0	0	446
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$529	\$371	\$0	\$0	\$900	\$0	\$0	\$900

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Beyond FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	0.0	22.3	38.6	38.6	38.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$22.3	\$38.6	\$38.6	\$38.6
Increase to Water User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$0	\$529	\$371	\$0	\$900
% change	n/a	new	new	n/a	new

LOCATION:
Marshall Corner Road to Pickeral Street

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME:	Water User 50%	Requested By: DPW
South County Water Transmission Main	Water Connection 50%	Project #: 6101
Interconnection of the Waldorf Water System with satellite water systems in the southern region of the County to continue to provide a healthy, sustainable water supply. This project will also help control rising costs associated with operating and maintaining multiple small satellite community water systems once the interconnection is completed.		

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	\$200	\$200	\$0	\$0	\$0	\$400	\$0	\$0	\$400
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	6,750	6,750
Equipment	0	0	0	0	0	0	0	0	0
Administration	10	10	0	0	0	20	0	173	193
Inspection	0	0	0	0	0	0	0	900	900
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$210	\$210	\$0	\$0	\$0	\$420	\$0	\$7,823	\$8,243

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds (15 Year)	\$210	\$210	\$0	\$0	\$0	\$420	\$0	\$7,823	\$8,243
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$210	\$210	\$0	\$0	\$0	\$420	\$0	\$7,823	\$8,243
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$210	\$210	\$0	\$0	\$0	\$420	\$0	\$7,823	\$8,243

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Beyond FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	0.0	17.0	34.6	34.6	34.6	738.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$17.0	\$34.6	\$34.6	\$34.6	\$738.2
Increase to Water User Fee:	0.0¢	0.4¢	0.7¢	0.7¢	0.7¢	15.2¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$210	\$210	\$0	\$0	\$420
% change	new	new	n/a	n/a	new

LOCATION:
Southern portion of the County

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Satellite Water Facility Upgrades	Water User Water Connection	100% 0%	Requested By: DPW Project #: 6093
To provide necessary upgrades to various satellite water facilities that include, but are not limited to the following: Install generator with automatic transfer switch for power distribution system reliability at the following sites: Swan Point, Bel Alton, Newtown Village, Mariellen, Ellenwood, St. Anne's, electrical/mechanical equipment replacement at Swan Pt. Wells #1 & #2, Newtown Village, and coating replacement at Chapel Pt. Woods standpipe.			

EXPENSE BUDGET	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Architectural & Engineering	\$85	\$55	\$55	\$55	\$55	\$305	\$45	\$0	\$350
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	575	375	375	375	375	2,075	420	0	2,495
Equipment	0	0	0	0	0	0	0	0	0
Administration	18	13	13	13	13	70	27	0	97
Inspection	85	55	55	55	55	305	45	0	350
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$763	\$498	\$498	\$498	\$498	\$2,755	\$537	\$0	\$3,292

FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds (15 Year)	\$763	\$498	\$498	\$498	\$498	\$2,755	\$537	\$0	\$3,292
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$763	\$498	\$498	\$498	\$498	\$2,755	\$537	\$0	\$3,292
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$763	\$498	\$498	\$498	\$498	\$2,755	\$537	\$0	\$3,292

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Approp. thru FY13	Beyond FY 2018
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Debt Service: Bonds	43.4	105.0	146.7	190.0	234.7	43.4	279.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$43.4	\$105.0	\$146.7	\$190.0	\$234.7	\$43.4	\$279.5
Increase to Water User Fee:	1.9¢	4.6¢	6.3¢	8.1¢	9.8¢	1.9¢	11.5¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$763	\$498	\$498	\$498	\$2,257
% change	new	new	new	new	new

LOCATION:

Various locations, see description above