

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

SEWER SUMMARY

The County owns, operates, maintains, and constructs central sewer systems located throughout the county. These facilities consist of several small package treatment plants and a regional twenty million gallons per day plant. Similar to the water infrastructure, capital cost associated with additional capacity is recovered from developer connection fees, while other project costs are financed through user fees or special assessments. All projects are managed by County personnel. Projects conform to overall planning studies and concepts adopted by 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	\$3,101	\$1,891	\$1,679	\$1,695	\$1,608	\$9,974	\$8,094	\$976	\$19,044
Land & ROW	160	21	133	23	24	361	656	26	1,043
Construction	8,953	13,530	11,828	8,154	10,566	53,029	7,987	6,738	67,753
Equipment	52	667	1,109	58	61	1,946	2,785	0	4,730
Administration	536	585	561	411	503	2,595	459	383	3,437
Inspection	623	1,107	960	724	915	4,328	965	242	5,535
Miscellaneous	44	39	36	40	48	207	51	34	292
Contingency	334	300	263	224	273	1,394	120	286	1,800
Total Outlay	\$13,802	\$18,139	\$16,567	\$11,329	\$13,997	\$73,833	\$21,116	\$8,685	\$103,633

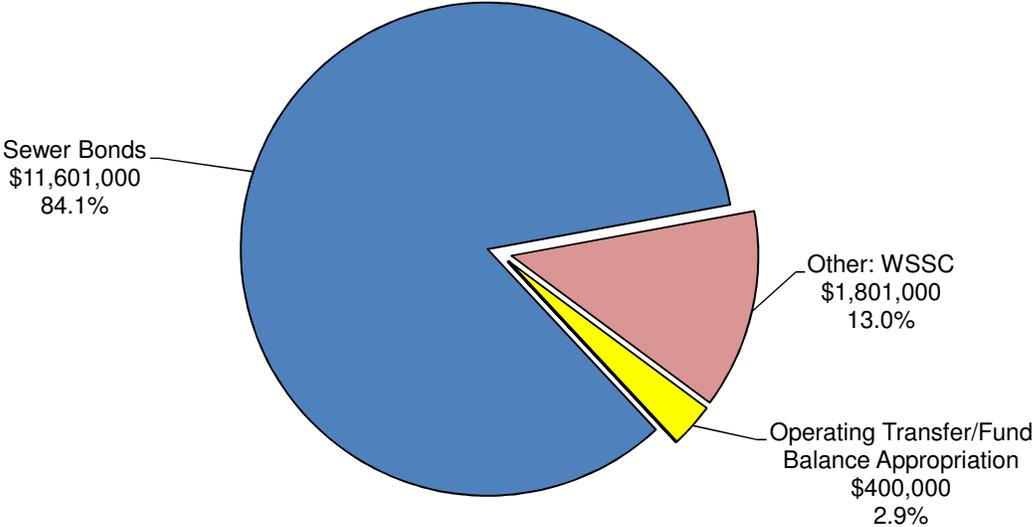
FINANCING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	5-Year Total '14-'18	Approp. thru FY13	Beyond FY 2018	Project Total
Bonds	\$11,601	\$15,770	\$14,378	\$10,015	\$12,460	\$64,223	\$17,289	\$7,098	\$88,609
Fund Balance Appropriation	242	0	0	0	0	242	0	0	242
Operating Transfer	158	216	43	46	47	510	197	39	746
Total County Funding	\$12,001	\$15,986	\$14,421	\$10,061	\$12,507	\$64,975	\$17,495	\$7,137	\$89,606
Federal	0	0	0	0	0	0	728	0	728
State	0	0	0	0	0	0	216	0	216
Other: WSSC	1,801	2,153	2,146	1,268	1,490	8,858	2,686	1,548	13,092
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$13,802	\$18,139	\$16,567	\$11,329	\$13,997	\$73,833	\$21,116	\$8,685	\$103,633

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	68.7
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$68.7
Debt Service: Bonds	1,280.2	2,056.3	3,182.8	4,289.2	5,114.2	1,280.2	5,780.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$1,280.2	\$2,056.2	\$3,183.0	\$4,289.5	\$5,114.2	\$1,280.2	\$5,848.9
Increase to Sewer User Fee:	51.0¢	75.7¢	1.0¢	1.4¢	1.6¢	45.3¢	1.9¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

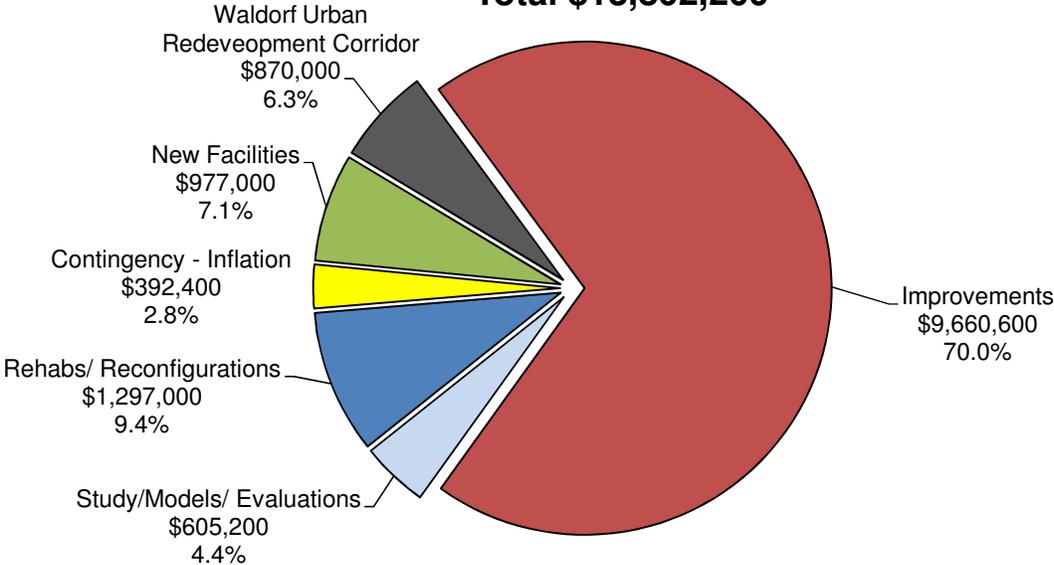
	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$16,741	\$18,638	\$5,989	\$7,250	\$48,618
Increase/(Decrease)	(\$2,939)	(\$500)	\$10,578	\$4,079	\$11,218
% change	-17.6%	-2.7%	176.6%	56.3%	23.1%

FY14 Sewer Financing Sources
Total \$13,802,000



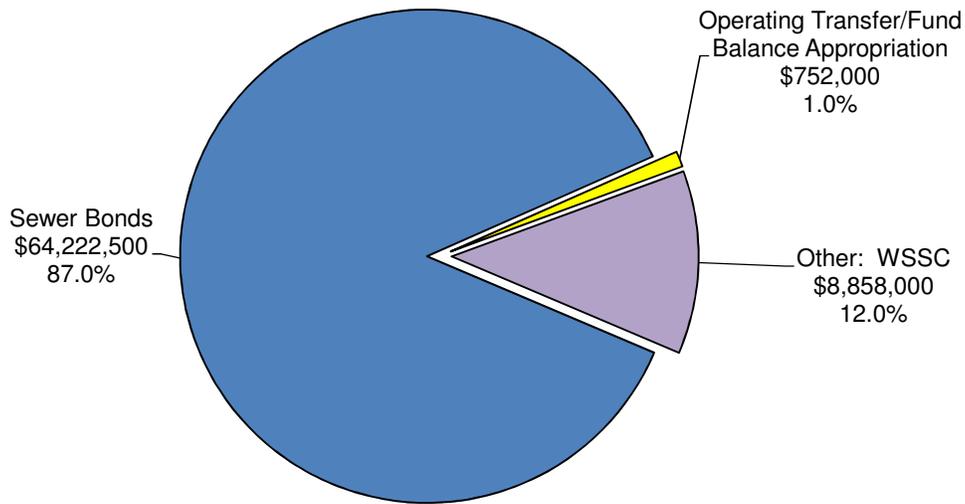
Financing the debt service associated with bonds for sewer projects is recovered primarily from sewer customer connection and user fees.

FY14 Sewer by Project Type
Total \$13,802,200

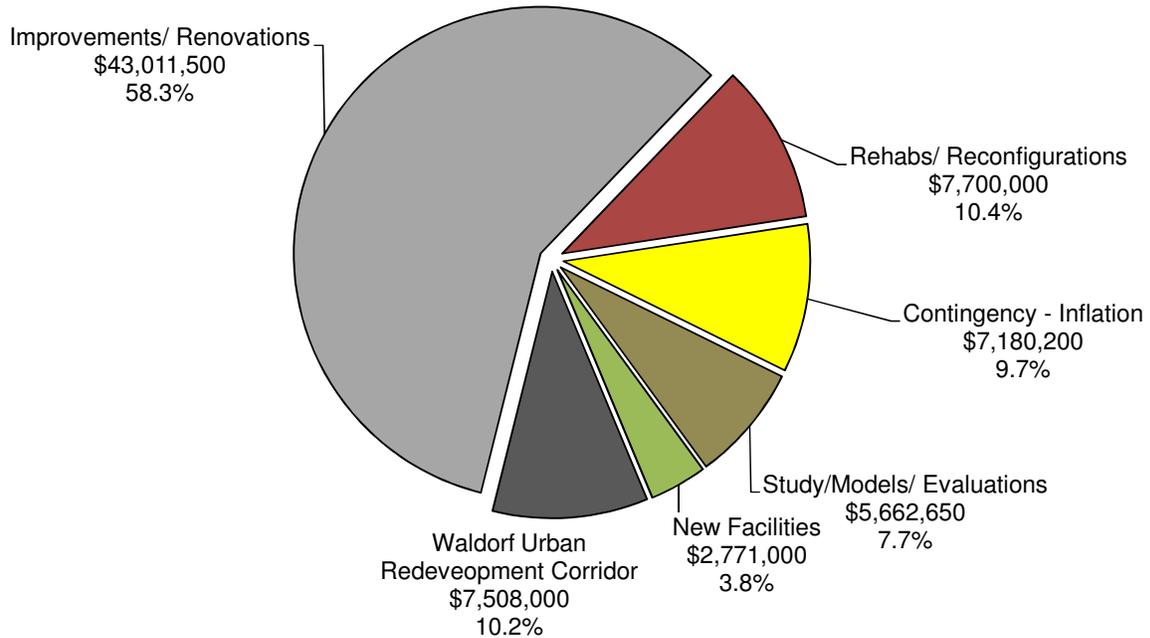


Improvements include funding for Influent and Effluent Pump Stations, Mattawoman Automation, Mattawoman Infiltration and Inflow, Mattawoman Lab, Mattawoman Electrical System, Satellite Wastewater Facilities, Mattawoman Clarifier and Thickener, Cobb Island/Swan Point Interconnection, Clifton Pump Station #4, Marshall Hall Road Gravity Sewer, Piney Branch Sewer (Upper Reaches) and the creation of an Automation and Technology Master Plan.

FY14-FY18 Sewer Financing Sources
Total \$73,832,500



FY14-FY18 Sewer Projects by Type
Total \$73,833,350



Improvements includes various improvements at the Mattawoman WWTP and various other locations.

APPROVED CAPITAL IMPROVEMENT PROGRAM

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PROJECT NAME: Influent/Effluent Pump Station	Sewer User 55%	Requested By: PGM
	Sewer Connection 45%	Project #: 7063
<p>A thorough evaluation of Mattawoman WWTP Influent/Effluent pump stations, & the Influent Wet Well is necessary to upgrade, overhaul & replace outdated, inadequate, &/or unsafe/inefficient processes. Problems with the main pumping station include hydraulic, control, capacity, & safety. The pumps are aging and obtaining parts has become a serious problem, so it is time to replace them, as well as the isolation and control valves. The location of the wet wells makes access for cleaning extremely difficult, time-consuming, and expensive. This study will present alternatives that will provide better access for cleaning/inspection, for providing code required ventilation, and possibly a self-cleaning configuration. Project will provide recommendations, prepare design documents, and implement the repairs or replacement. Project also includes replacement of barscreen #1. Existing funding is needed for immediate repairs/replacements of existing equipment.</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	\$100	\$40	\$0	\$0	\$0	\$140	\$819	\$0	\$959
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	2,163	1,082	0	0	0	3,245	2,190	0	5,435
Equipment	0	0	0	0	0	0	860	0	860
Administration	116	60	0	0	0	176	76	0	252
Inspection	65	32	0	0	0	97	155	0	252
Miscellaneous	22	11	0	0	0	33	5	0	38
Contingency	216	108	0	0	0	324	0	0	324
Total Outlay	\$2,682	\$1,333	\$0	\$0	\$0	\$4,015	\$4,105	\$0	\$8,120

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 (30 Year)	\$2,280	\$1,133	\$0	\$0	\$0	\$3,413	\$2,688	\$0	\$6,101
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	\$2,280	\$1,133	\$0	\$0	\$0	\$3,413	\$2,688	\$0	\$6,101
Federal	0	0	0	0	0	0	728	0	728
State	0	0	0	0	0	0	216	0	216
Other: WSSC @ 15%	402	200	0	0	0	602	473	0	1,075
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$2,682	\$1,333	\$0	\$0	\$0	\$4,015	\$4,105	\$0	\$8,120

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	146.1	270.1	335.6	335.6	335.6	146.1	335.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$146.1	\$270.1	\$335.6	\$335.6	\$335.6	\$146.1	\$335.6
Increase to Sewer User Fee:	3.8¢	7.0¢	8.6¢	8.4¢	8.3¢	3.8¢	8.2¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$2,427	\$1,216	\$0	\$0	\$3,643
Increase/(Decrease)	\$255	\$117	\$0	\$0	\$372
% change	10.5%	9.6%	n/a	n/a	10.2%

LOCATION: Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

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PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Electrical System Replacement	Sewer Connection 45%	Project #: 7078
Design and construct the replacement needs of the existing electrical system and implement the required upgrades to include but not limited to wiring, control panels, relays, backup power, and other affiliated equipment. The existing electrical system is beyond its life expectancy (over 30 years) and a phased plan needs to be developed to replace this equipment in a programmed manner.		

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	\$45	\$125	\$120	\$0	\$0	\$290	\$606	\$0	\$896
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	550	1,050	650	0	0	2,250	0	0	2,250
Equipment	0	575	950	0	0	1,525	0	0	1,525
Administration	16	43	39	0	0	98	29	0	127
Inspection	45	125	120	0	0	290	0	0	290
Miscellaneous	0	0	0	0	0	0	15	0	15
Contingency	0	0	0	0	0	0	17	0	17
Total Outlay	\$656	\$1,918	\$1,879	\$0	\$0	\$4,453	\$667	\$0	\$5,120

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)	\$558	\$1,630	\$1,597	\$0	\$0	\$3,785	\$567	\$0	\$4,352
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	\$558	\$1,630	\$1,597	\$0	\$0	\$3,785	\$567	\$0	\$4,352
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	98	288	282	0	0	668	100	0	768
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$656	\$1,918	\$1,879	\$0	\$0	\$4,453	\$667	\$0	\$5,120

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	45.8	90.9	227.4	366.1	366.1	45.8	366.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$45.8	\$90.9	\$227.4	\$366.1	\$366.1	\$45.8	\$366.1
Increase to Sewer User Fee:	1.2¢	2.4¢	5.8¢	9.2¢	9.0¢	1.2¢	8.9¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$1,415	\$3,129	\$0	\$0	\$4,544
Increase/(Decrease)	(\$759)	(\$1,211)	\$1,879	\$0	(\$91)
% change	-53.6%	-38.7%	new	n/a	-2.0%

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: MWWTP Flow Equalization	Sewer User 55%	Requested By: DPW
	Sewer Connection 45%	Project #: 7095
Feasibility, evaluation, and design of flow equalization/storage system at MWWTP to buffer peak flows and prevent sanitary sewer overflows and unauthorized discharges.		

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	\$125	\$175	\$175	\$0	\$0	\$475	\$0	\$0	\$475
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	1,750	1,750	0	0	3,500	0	0	3,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	10	45	45	0	0	100	19	0	119
Inspection	0	175	175	0	0	350	350	0	700
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$135	\$2,145	\$2,145	\$0	\$0	\$4,425	\$369	\$0	\$4,794

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 (30 Year)	\$115	\$1,823	\$1,823	\$0	\$0	\$3,761	\$314	\$0	\$4,075
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	\$115	\$1,823	\$1,823	\$0	\$0	\$3,761	\$314	\$0	\$4,075
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	20	322	322	0	0	664	55	0	719
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$135	\$2,145	\$2,145	\$0	\$0	\$4,425	\$369	\$0	\$4,794

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	15.0	20.5	113.5	212.6	212.6	15.0	212.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$15.0	\$20.5	\$113.5	\$212.6	\$212.6	\$15.0	\$212.6
Increase to Sewer User Fee:	0.4¢	0.5¢	2.9¢	5.3¢	5.3¢	0.4¢	5.2¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$2,136	\$2,136	\$0	\$0	\$4,272
Increase/(Decrease)	(\$2,001)	\$9	\$2,145	\$0	\$153
% change	-93.7%	0.4%	new	n/a	3.6%

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Mattawoman Infiltration and Inflow	Sewer User 55%	Requested By: PGM
	Sewer Connection 45%	Project #: 7074

Operating experience has shown that during wet weather, influent to the Mattawoman plant can exceed 3.5 times the average flow. This is an excessive ratio for a service area as large as the MSSA, and indicates that significant infiltration and inflow (I/I) exists in the sewer system. High I/I may have detrimental effects causing sanitary sewer overflows (SSOs) where system capacity is not sufficient. SSOs range from backups into basements to overflows from the sewer manholes. In addition to being a public health risk, it is also a regulatory issue. The current regulatory environment is such that all municipalities are being scrutinized and fined for SSOs. All SSOs must be reported and those organizations with high numbers of SSO are subject to regulatory scrutiny. This project will provide information on the condition of the Mattawoman sewer system, identify areas where I/I already exists or a high I/I potential exists, and design/construct repairs for I/I removal. Additional I/I repairs have been determined necessary through further evaluation and investigation of the existing sanitary sewer system than originally scoped resulting in an overall project increase. The repairs proposed will address the sewer basins with the highest I/I severity (Tier 1) resulting in the greatest amount of I/I removal for the lowest cost. This project is estimated to span eight years.

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	\$400	\$400	\$400	\$400	\$600	\$2,200	\$2,704	\$600	\$5,504
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	2,100	1,800	2,300	2,300	2,400	10,900	2,675	2,400	15,975
Equipment	0	0	0	0	0	0	0	0	0
Administration	128	113	138	138	153	670	108	153	931
Inspection	63	54	69	69	72	327	225	72	624
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$2,691	\$2,367	\$2,907	\$2,907	\$3,225	\$14,097	\$5,712	\$3,225	\$23,034

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 (30 Year)	\$1,678	\$1,476	\$1,813	\$1,813	\$2,011	\$8,791	\$4,156	\$2,011	\$14,958
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	\$1,678	\$1,476	\$1,813	\$1,813	\$2,011	\$8,791	\$4,156	\$2,011	\$14,958
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 37.65%	1,013	891	1,094	1,094	1,214	5,306	1,556	1,214	8,076
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$2,691	\$2,367	\$2,907	\$2,907	\$3,225	\$14,097	\$5,712	\$3,225	\$23,034

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	198.6	278.7	354.0	452.6	557.5	198.6	790.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$198.6	\$278.7	\$354.0	\$452.6	\$557.5	\$198.6	\$790.1
Increase to Sewer User Fee:	5.2¢	7.2¢	9.0¢	11.4¢	13.8¢	5.2¢	19.2¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$2,737	\$2,437	\$2,937	\$2,937	\$11,048
Increase/(Decrease)	(\$46)	(\$70)	(\$30)	(\$30)	(\$176)
% change	-1.7%	-2.9%	-1.0%	-1.0%	-1.6%

LOCATION:
Mattawoman Sewer Service Area

APPROVED CAPITAL IMPROVEMENT PROGRAM

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(\$ in thousands)

PROJECT NAME: Mattawoman WWTP Automation	Sewer User 55%	Requested By: DPW
	Sewer Connection 45%	Project #: 7083
Automation of the Mattawoman WWTP facility to improve the efficiency of operations and maintenance, thereby minimizing resources and resulting in cost avoidance. Design standards will be determined for the project and implemented on the remaining processes to monitor the system via plant SCADA system and ensure system stays in compliance.		

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	\$125	\$175	\$175	\$0	\$0	\$475	\$525	\$0	\$1,000
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	250	650	650	0	0	1,550	725	0	2,275
Equipment	0	0	0	0	0	0	1,214	0	1,214
Administration	15	25	25	0	0	65	35	0	100
Inspection	85	115	115	0	0	315	0	0	315
Miscellaneous	0	0	0	0	0	0	1	0	1
Contingency	0	0	0	0	0	0	46	0	46
Total Outlay	\$475	\$965	\$965	\$0	\$0	\$2,405	\$2,546	\$0	\$4,951

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)	\$404	\$820	\$820	\$0	\$0	\$2,044	\$2,164	\$0	\$4,208
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	\$404	\$820	\$820	\$0	\$0	\$2,044	\$2,164	\$0	\$4,208
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	71	145	145	0	0	361	382	0	743
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$475	\$965	\$965	\$0	\$0	\$2,405	\$2,546	\$0	\$4,951

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	174.8	207.4	276.1	347.3	347.3	174.8	347.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$174.8	\$207.4	\$276.1	\$347.3	\$347.3	\$174.8	\$347.3
Increase to Sewer User Fee:	4.6¢	5.4¢	7.0¢	8.7¢	8.6¢	4.6¢	8.4¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$998	\$998	\$0	\$0	\$1,996
Increase/(Decrease)	(\$523)	(\$33)	\$965	\$0	\$409
% change	-52.4%	-3.3%	new	n/a	20.5%

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME:	Sewer User 100%	Requested By: DPW
Pump Station Rehabs and Replacements	Sewer Connection 0%	Project #: 7097
Rehabilitation at various wastewater pumping facilities to update to current standards and replace aged equipment/infrastructure that include, but are not limited to the following: Strawberry Hills P.S., Theodore Green Blvd. P.S., Checkers P.S., Thomas Stone P.S., Indian Head Manor P.S., Ryon Woods P.S., Rt. 925B P.S., St. Charles P.S. #5A, and Pinefield P.S. Forcemain.		

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	\$145	\$125	\$134	\$275	\$325	\$1,004	\$150	\$134	\$1,288
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	975	525	675	1,625	1,875	5,675	375	675	6,725
Equipment	0	0	0	0	0	0	0	0	0
Administration	28	19	21	46	53	167	25	29	221
Inspection	149	79	101	245	280	854	120	68	1,042
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$1,297	\$748	\$931	\$2,191	\$2,533	\$7,700	\$670	\$906	\$9,276

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)	\$1,297	\$748	\$931	\$2,191	\$2,533	\$7,700	\$670	\$906	\$9,276
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	\$1,297	\$748	\$931	\$2,191	\$2,533	\$7,700	\$670	\$906	\$9,276
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$1,297	\$748	\$931	\$2,191	\$2,533	\$7,700	\$670	\$906	\$9,276

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	54.1	158.9	221.5	302.4	499.4	54.1	808.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$54.1	\$158.9	\$221.5	\$302.4	\$499.4	\$54.1	\$808.7
Increase to Sewer User Fee:	2.6¢	7.5¢	10.3¢	13.8¢	22.4¢	2.6¢	35.8¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$1,211	\$730	\$906	\$906	\$3,753
Increase/(Decrease)	\$86	\$18	\$25	\$1,285	\$1,414
% change	7.1%	2.5%	2.8%	141.8%	37.7%

LOCATION:
Various pumping stations countywide

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Satellite Wastewater Facility Upgrades	Sewer User Sewer Connection	100% 0%	Requested By: DPW Project #: 7098
<p>To provide necessary upgrades to various satellite pumping stations and treatment plant facilities that include, but are not limited to the following: Replacement of generator and automatic transfer switch at Cobb Island Pumping Station to maintain power distribution reliability. Install asphalt access drives that will replace failing gravel drives at Strawberry Hills P.S., Clifton Pumping Station #2, Clifton Pumping Station #4, and Mt. Carmel WWTP. Relocate chemical feed system at Swan Point Vacuum Pumping Station into building to be constructed. Construct regional storage facility at Swan Point WWTP. Construct building at Bel Alton WWTP that will aid in maintaining process temperatures for improved system performance. Rehabilitation of Wisteria P.S., Bachelors Hope P.S., Cuckolds Creek P.S., Bath House P.S., and Clifton WWTP.</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	\$55	\$55	\$55	\$55	\$315	\$60	\$0	\$375
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	635	375	375	375	375	2,135	150	0	2,285
Equipment	0	0	0	0	0	0	0	0	0
Administration	20	13	13	13	13	72	8	0	80
Inspection	95	55	55	55	55	315	0	0	315
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$845	\$498	\$498	\$498	\$498	\$2,837	\$218	\$0	\$3,055

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)	\$845	\$498	\$498	\$498	\$498	\$2,837	\$218	\$0	\$3,055
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	\$845	\$498	\$498	\$498	\$498	\$2,837	\$218	\$0	\$3,055
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$845	\$498	\$498	\$498	\$498	\$2,837	\$218	\$0	\$3,055

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	17.6	85.9	127.6	170.8	215.6	17.6	260.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$17.6	\$85.9	\$127.6	\$170.8	\$215.6	\$17.6	\$260.4
Increase to Sewer User Fee:	0.8¢	4.0¢	5.9¢	7.8¢	9.7¢	0.8¢	11.5¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$333	\$428	\$298	\$298	\$1,357
Increase/(Decrease)	\$512	\$70	\$200	\$200	\$982
% change	153.8%	16.4%	67.1%	67.1%	72.4%

LOCATION:
Various Sites-see description

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Clarifier and Thickener Repairs	Sewer Connection 45%	Project #: 7093
Gravity Thickeners #1 & #2, Secondary Clarifiers #5 & #6, and Final Clarifiers #1 through #4 are aged and in need of rehabilitation. Work includes replacement of mechanical equipment and re-grouting of floors.		

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	\$35	\$35	\$35	\$0	\$0	\$105	\$15	\$0	\$120
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	570	525	525	0	0	1,620	450	0	2,070
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	15	0	0	45	18	0	63
Inspection	35	35	35	0	0	105	15	0	120
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$655	\$610	\$610	\$0	\$0	\$1,875	\$498	\$0	\$2,373

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 (30 Year)	\$557	\$518	\$518	\$0	\$0	\$1,593	\$423	\$0	\$2,016
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	\$557	\$518	\$518	\$0	\$0	\$1,593	\$423	\$0	\$2,016
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	98	92	92	0	0	282	75	0	357
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$655	\$610	\$610	\$0	\$0	\$1,875	\$498	\$0	\$2,373

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	20.2	46.8	73.2	101.4	101.4	20.2	101.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$20.2	\$46.8	\$73.2	\$101.4	\$101.4	\$20.2	\$101.4
Increase to Sewer User Fee:	0.5¢	1.2¢	1.9¢	2.5¢	2.5¢	0.5¢	2.5¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$345	\$0	\$0	\$0	\$345
Increase/(Decrease)	\$310	\$610	\$610	\$0	\$1,530
% change	89.7%	new	new	n/a	443.3%

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME:	Sewer User 50%	Requested By: DPW
Cobb Island/Swan Point Interconnection	Sewer Connection 50%	Project #: 7100
To provide operational flexibility in diverting flows between the Cobb Island and Swan Point treatment systems. This project will also provide sewer system improvements that will address failing septic systems within the service area.		

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	\$275	\$75	\$0	\$0	\$0	\$350	\$0	\$0	\$350
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	145	1,250	0	0	0	1,395	0	0	1,395
Equipment	0	0	0	0	0	0	0	0	0
Administration	11	28	0	0	0	39	0	0	39
Inspection	22	110	0	0	0	132	0	0	132
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$453	\$1,463	\$0	\$0	\$0	\$1,916	\$0	\$0	\$1,916

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 (30 Year)	\$453	\$1,463	\$0	\$0	\$0	\$1,916	\$0	\$0	\$1,916
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	\$453	\$1,463	\$0	\$0	\$0	\$1,916	\$0	\$0	\$1,916
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$453	\$1,463	\$0	\$0	\$0	\$1,916	\$0	\$0	\$1,916

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	21.6	96.3	96.3	96.3	96.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$21.6	\$96.3	\$96.3	\$96.3	\$96.3
Increase to Sewer User Fee:	0.0¢	0.5¢	2.2¢	2.2¢	2.2¢	2.1¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$294	\$1,384	\$0	\$0	\$1,678
Increase/(Decrease)	\$159	\$79	\$0	\$0	\$238
% change	54.1%	5.7%	n/a	n/a	14.2%

LOCATION:
Cobb Island, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME:	Sewer User 55%	Requested By: DPW
MWWTP Utility Water System	Sewer Connection 45%	Project #: 7101
Evaluation & Improvement		
<p>The plant utility water system has not always been satisfactory in supporting all of the demands for Non-Potable Water (NPW) at the MWWTP. Sludge production and other needs for NPW have increased over the years. Low NPW pressures have been experienced throughout the plant and the sludge dewatering process has been negatively affected as a result. Evaluation of the plant utility water system is needed to determine what improvements are necessary in order to satisfy the plant NPW demands. The effect of the UV upgrade was to cut the system from a 4 pump system to a 2 pump system, and it has become a common occurrence to have to defer wash-downs in other areas of the plant in order to operate the belt filter presses or vice versa.</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	\$55	\$25	\$0	\$0	\$0	\$80	\$30	\$0	\$110
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	375	0	0	0	375	0	0	375
Equipment	0	0	0	0	0	0	0	0	0
Administration	6	12	0	0	0	18	5	0	23
Inspection	0	35	0	0	0	35	0	0	35
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	14	0	14
Total Outlay	\$61	\$447	\$0	\$0	\$0	\$508	\$49	\$0	\$557

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 (30 Year)	\$52	\$380	\$0	\$0	\$0	\$432	\$42	\$0	\$474
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	\$52	\$380	\$0	\$0	\$0	\$432	\$42	\$0	\$474
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	9	67	0	0	0	76	7	0	83
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$61	\$447	\$0	\$0	\$0	\$508	\$49	\$0	\$557

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	2.0	4.5	23.9	23.9	23.9	2.0	23.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$2.0	\$4.5	\$23.9	\$23.9	\$23.9	\$2.0	\$23.9
Increase to Sewer User Fee:	0.1¢	0.1¢	0.6¢	0.6¢	0.6¢	0.1¢	0.6¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$62	\$198	\$0	\$0	\$260
Increase/(Decrease)	(\$1)	\$249	\$0	\$0	\$248
% change	-1.6%	125.8%	n/a	n/a	95.4%

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: MWWTP Biosolids Feasibility Study	Sewer User 100%	Requested By: DPW
	Sewer Connection 0%	Project #: 7099
<p>To determine the feasibility of going to a Class 'A' biosolids processing facility. The feasibility study would also investigate the use of anaerobic digestion to reduce sludge volume and produce methane gas for beneficial use.</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	\$125	\$0	\$0	\$0	\$0	\$125	\$93	\$0	\$218
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	0	0	0	0	10	7	0	17
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$135	\$0	\$0	\$0	\$0	\$135	\$100	\$0	\$235

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	115	0	0	0	0	115	85	0	200
Total County Funding	\$115	\$0	\$0	\$0	\$0	\$115	\$85	\$0	\$200
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	20	0	0	0	0	20	15	0	35
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$135	\$0	\$0	\$0	\$0	\$135	\$100	\$0	\$235

Operating Budget Impact	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Approp. thru FY13
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	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	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
Increase to Sewer User Fee:	5.5¢	0.0¢	0.0¢	0.0¢	0.0¢	4.1¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$135	\$0	\$0	\$0	\$135
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	0.0%	n/a	n/a	n/a	0.0%

LOCATION:
Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Sewer Model Update	Sewer User 55%	Requested By: PGM
	Sewer Connection 45%	Project #: 7091
Update the current County Sewer Model by including newly installed sewer utilities and verifying system stability and identify deficiencies.		

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	\$30	\$30	\$30	\$30	\$30	\$150	\$90	\$30	\$270
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	5	5	5	5	5	25	10	5	40
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	4	4	4	4	4	20	12	4	36
Total Outlay	\$39	\$39	\$39	\$39	\$39	\$195	\$112	\$39	\$346

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 (30 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	39	39	39	39	39	195	112	39	346
Total County Funding	\$39	\$39	\$39	\$39	\$39	\$195	\$112	\$39	\$346
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$39	\$39	\$39	\$39	\$39	\$195	\$112	\$39	\$346

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 Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	1.0¢	0.0¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$39	\$39	\$39	\$39	\$156
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: Cliffton Pump Station #4	Sewer User Sewer Connection	100% 0%	Requested By: DPW Project #: 7102
<p>Cliffton PS #4 was constructed in the early 1970's and is in need of equipment overhaul and replacement. All pumps, associated pipes, valves, controls, and MCC's will be replaced, and electrical and ventilation issues addressed. Influent flow diversion will be required; a pump-around connection will be installed. The need for a generator will be evaluated. The wet well will be evaluated and may need repair/refurbishment. Submersible pumps will be installed in the wet well and a building constructed above ground for the valves and controls.</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	\$85	\$25	\$0	\$0	\$0	\$110	\$0	\$0	\$110
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	515	0	0	0	515	0	0	515
Equipment	0	0	0	0	0	0	0	0	0
Administration	6	15	0	0	0	21	0	0	21
Inspection	0	50	0	0	0	50	0	0	50
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$91	\$605	\$0	\$0	\$0	\$696	\$0	\$0	\$696

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)	\$91	\$605	\$0	\$0	\$0	\$696	\$0	\$0	\$696
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	\$91	\$605	\$0	\$0	\$0	\$696	\$0	\$0	\$696
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$91	\$605	\$0	\$0	\$0	\$696	\$0	\$0	\$696

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	7.3	58.0	58.0	58.0	0.0	58.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$7.3	\$58.0	\$58.0	\$58.0	\$0.0	\$58.0
Increase to Sewer User Fee:	0.0¢	0.3¢	2.7¢	2.6¢	2.6¢	0.0¢	2.6¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$0	\$0	\$92	\$577	\$669
Increase/(Decrease)	\$91	\$605	(\$92)	(\$577)	\$27
% change	new	new	-100.0%	-100.0%	4.0%

LOCATION: Cliffton Pump Station

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Mattawoman WWTP Berm Relocation	Sewer User Sewer Connection	0% 100%	Requested By: PGM Project #: 7094
Design and relocation of the existing WWTP perimeter berm to the edge of the property to facilitate future expansion. This will include MDE permitting and wetland mitigation.			

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	\$309	\$0	\$309
Land & ROW	0	0	0	0	0	0	206	0	206
Construction	0	0	0	313	550	863	31	550	1,444
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	18	18	36	12	18	66
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	17	17	34	0	17	51
Contingency	0	0	0	24	55	79	31	55	165
Total Outlay	\$0	\$0	\$0	\$372	\$640	\$1,012	\$589	\$640	\$2,241

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 (30 Year)	\$0	\$0	\$0	\$372	\$640	\$1,012	\$589	\$640	\$2,241
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	\$0	\$0	\$372	\$640	\$1,012	\$589	\$640	\$2,241
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$0	\$372	\$640	\$1,012	\$589	\$640	\$2,241

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	28.1	28.1	28.1	28.1	49.7	28.1	123.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$28.1	\$28.1	\$28.1	\$28.1	\$49.7	\$28.1	\$123.7
Increase to Sewer 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	\$0	\$0	\$0	\$372	\$372
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	n/a	n/a	n/a	0.0%	0.0%

LOCATION: Mattawoman WWTP

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME:	Sewer User	0%	Requested By:	PGM
Upper Port Tobacco River Watershed	Sewer Connection	100%	Project #:	7103
Sewer Connection Study				
<p>This study is part of a solution to address the Port Tobacco River Total Maximum Daily Load (TMDL) for nutrients as approved by EPA in 1999, and to implement the Port Tobacco River Watershed Restoration Action Strategy goal of reducing risk to human health and safety when coming in contact with streams in this portion of the Port Tobacco River Watershed, as adopted by the Charles County Commissioners to be effective July 31, 2007.</p> <p>The upper Port Tobacco River watershed encompasses several neighborhoods built prior to more stringent percolation test regulations instituted in 1990 by the Charles County Dept. of Health. Due to inadequate percolation tests done prior to 1990, these neighborhoods have failing septic on high water tables and poor soils. This study would investigate providing sewer service to these neighborhoods for public health reasons in conjunction with the current upgrade of sewer at CSM and Mt. Carmel Woods.</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	\$200	\$0	\$0	\$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	13	0	0	0	0	13	0	0	13
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	2	0	0	0	0	2	0	0	2
Contingency	20	0	0	0	0	20	0	0	20
Total Outlay	\$235	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$235

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 (30 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	235	0	0	0	0	235	0	0	235
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$235	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$235
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$235	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$235

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 Sewer 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	\$223	\$0	\$0	\$0	\$223
Increase/(Decrease)	\$12	\$0	\$0	\$0	\$12
% change	5.4%	n/a	n/a	n/a	5.4%

LOCATION:
Port Tobacco, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Hughesville Package Treatment Plant	Sewer User Sewer Connection	0% 100%	Requested By: PGM Project #: 7088
Design, construction, and land acquisition for a central sewer collection and treatment system to serve the village of Hughesville consistent with the Hughesville Village Revitalization Plan completed in 2008. The Hughesville Water and Sewer Feasibility Study was completed in December 2010.			

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	\$200	\$0	\$200
Land & ROW	0	0	0	0	0	0	450	0	450
Construction	750	750	0	0	0	1,500	0	0	1,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	38	38	0	0	0	76	15	0	91
Inspection	23	23	0	0	0	46	0	0	46
Miscellaneous	8	8	0	0	0	16	30	0	46
Contingency	75	75	0	0	0	150	0	0	150
Total Outlay	\$894	\$894	\$0	\$0	\$0	\$1,788	\$695	\$0	\$2,483

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 (30 Year)	\$894	\$894	\$0	\$0	\$0	\$1,788	\$695	\$0	\$2,483
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	\$894	\$894	\$0	\$0	\$0	\$1,788	\$695	\$0	\$2,483
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$894	\$894	\$0	\$0	\$0	\$1,788	\$695	\$0	\$2,483

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	68.7
Total Operating	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$68.7
Debt Service: Bonds	33.2	75.9	121.5	121.5	121.5	33.2	121.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$33.2	\$75.9	\$121.5	\$121.5	\$121.5	\$33.2	\$190.2
Increase to Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	0.0¢	3.0¢

VARIANCE TO APPROVED PER FY13-FY17 CAPITAL IMPROVEMENT PROGRAM:

	FY 2014	FY 2015	FY 2016	FY 2017	TOTAL
Approved FY13-FY17 CIP	\$835	\$0	\$0	\$0	\$835
Increase/(Decrease)	\$59	\$894	\$0	\$0	\$953
% change	7.1%	new	n/a	n/a	114.1%

LOCATION:
Hughesville, MD

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Marshall Hall Road Gravity Sewer	Sewer User 100% Sewer Connection 0%	Requested By: PGM Project #: 7105
Design and construct approximately 1,700 l.f. of ductile iron gravity sewer to replace an existing 15" asbestos cement gravity sewer along Marshall Hall Road from Cannon Park Rd. to 700' north of Mathews Road. The existing sewer has deteriorated due to hydrogen sulfide gases.		

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	\$100	\$0	\$0	\$0	\$0	\$100	\$0	\$0	\$100
Land & ROW	15	0	0	0	0	15	0	0	15
Construction	0	650	750	0	0	1,400	0	0	1,400
Equipment	0	0	0	0	0	0	0	0	0
Administration	9	36	41	0	0	86	0	0	86
Inspection	0	20	23	0	0	43	0	0	43
Miscellaneous	1	7	8	0	0	16	0	0	16
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$125	\$713	\$822	\$0	\$0	\$1,660	\$0	\$0	\$1,660

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)	\$125	\$713	\$822	\$0	\$0	\$1,660	\$0	\$0	\$1,660
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	\$125	\$713	\$822	\$0	\$0	\$1,660	\$0	\$0	\$1,660
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$125	\$713	\$822	\$0	\$0	\$1,660	\$0	\$0	\$1,660

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	10.1	69.8	141.2	141.2	141.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$10.1	\$69.8	\$141.2	\$141.2	\$141.2
Increase to Sewer User Fee:	0.0¢	0.5¢	3.2¢	6.4¢	6.3¢	6.2¢

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)	\$125	\$713	\$822	\$0	\$1,660
% change	<i>new</i>	<i>new</i>	<i>new</i>	<i>n/a</i>	<i>new</i>

LOCATION:
ADC MAP 8 (A1) to Map 2 (A12)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Piney Branch Sewer Replacement (Upper Reaches)	Sewer User Sewer Connection	100% 0%	Requested By: PGM Project #: 7104
Design and construction of new gravity sewer to replace approximately 2,500 l.f. of existing 36" gravity from outfall of the existing force main at JP Morgan Court to US301. The existing sewer is deteriorated due to hydrogen sulfide gases.			

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	\$0	\$0
Land & ROW	20	20	0	0	0	40	0	0	40
Construction	100	500	400	0	0	1,000	0	0	1,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	9	29	23	0	0	61	0	0	61
Inspection	0	16	12	0	0	28	0	0	28
Miscellaneous	2	5	4	0	0	11	0	0	11
Contingency	10	50	40	0	0	100	0	0	100
Total Outlay	\$141	\$620	\$479	\$0	\$0	\$1,240	\$0	\$0	\$1,240

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)	\$141	\$620	\$479	\$0	\$0	\$1,240	\$0	\$0	\$1,240
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	\$141	\$620	\$479	\$0	\$0	\$1,240	\$0	\$0	\$1,240
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$141	\$620	\$479	\$0	\$0	\$1,240	\$0	\$0	\$1,240

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	11.4	63.3	104.9	104.9	104.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$11.4	\$63.3	\$104.9	\$104.9	\$104.9
Increase to Sewer User Fee:	0.0¢	0.5¢	2.9¢	4.8¢	4.7¢	4.6¢

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)	\$141	\$620	\$479	\$0	\$1,240
% change	new	new	new	n/a	new

LOCATION:
ADC MAP 10(E4-D3)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Cobb Island Sewer Capacity & Feasibility Study	Sewer User 75% Sewer Connection 25%	Requested By: PGM Project #:
Perform a study to analyze the capacity of the existing system and determine the feasibility of incorporating additional areas currently being served by septic systems.		

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	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	12	0	0	0	12	0	0	12
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	2	0	0	0	2	0	0	2
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$0	\$164	\$0	\$0	\$0	\$164	\$0	\$0	\$164

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 (30 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	164	0	0	0	164	0	0	164
Total County Funding	\$0	\$164	\$0	\$0	\$0	\$164	\$0	\$0	\$164
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$164	\$0	\$0	\$0	\$164	\$0	\$0	\$164

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 Sewer User Fee:	0.0¢	5.8¢	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	\$164	\$0	\$0	\$164
% change	n/a	new	n/a	n/a	new

LOCATION:
Cobb Island: ADC MAP 38(E2-H10)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: MD. Route 5 Pump Station Forcemain	Sewer User 50% Sewer Connection 50%	Requested By: PGM Project #: 7106
Design and construct approximately 4,000 l.f. of 10" force main to convert flows from the MD Route 5 Pump Station to the St. Marks Pump Station. When completed, this forcemain will relieve capacity in the Zekiah Pump Station.		

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	0	450	300	0	0	750	0	0	750
Equipment	0	0	0	0	0	0	0	0	0
Administration	7	26	18	0	0	51	0	0	51
Inspection	0	14	9	0	0	23	0	0	23
Miscellaneous	1	5	3	0	0	9	0	0	9
Contingency	0	45	30	0	0	75	0	0	75
Total Outlay	\$83	\$540	\$360	\$0	\$0	\$983	\$0	\$0	\$983

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 (30 Year)	\$83	\$540	\$360	\$0	\$0	\$983	\$0	\$0	\$983
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	\$83	\$540	\$360	\$0	\$0	\$983	\$0	\$0	\$983
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$83	\$540	\$360	\$0	\$0	\$983	\$0	\$0	\$983

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	4.0	31.5	51.1	51.1	51.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$4.0	\$31.5	\$51.1	\$51.1	\$51.1
Increase to Sewer User Fee:	0.0¢	0.1¢	0.7¢	1.2¢	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	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$83	\$540	\$360	\$0	\$983
% change	new	new	new	n/a	new

LOCATION:
ADC MAP 10(K4-H5)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME:	Sewer User 23%	Requested By: PGM
WURC: Zekiah Pump Station Upgrade	Sewer Connection 77%	Project #: 7107
Design and construct to expand the capacity of the Zekiah Pumping Station from approximately 3.0 MGD to 10.5 MGD. The developer of Adams Crossing previously expanded the Zekiah Pump Station from 1 MGD to approximately 3.0 MGD. To accomplish this expansion, the existing pump station will be fully replaced. This project is part of the Waldorf Urban Redevelopment Corridor (WURC) initiative.		

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	\$0	\$0	\$0	\$0	\$200	\$0	\$0	\$200
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	500	500	500	1,500	0	500	2,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	13	0	28	28	28	97	0	28	125
Inspection	6	0	15	15	15	51	0	15	66
Miscellaneous	2	0	5	5	5	17	0	5	22
Contingency	0	0	50	50	50	150	0	50	200
Total Outlay	\$221	\$0	\$598	\$598	\$598	\$2,015	\$0	\$598	\$2,613

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 (30 Year)	\$221	\$0	\$598	\$598	\$598	\$2,015	\$0	\$598	\$2,613
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	\$221	\$0	\$598	\$598	\$598	\$2,015	\$0	\$598	\$2,613
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$221	\$0	\$598	\$598	\$598	\$2,015	\$0	\$598	\$2,613

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	10.6	10.6	43.1	77.7	146.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$10.6	\$10.6	\$43.1	\$77.7	\$146.8
Increase to Sewer User Fee:	0.0¢	0.1¢	0.1¢	0.5¢	0.8¢	1.5¢

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)	\$221	\$0	\$598	\$598	\$1,417
% change	new	n/a	new	new	new

LOCATION:
ADC MAP 10(H2)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME:	Sewer User 50%	Requested By: PGM
WURC: Zekiah Pump Station Forcemain	Sewer Connection 50%	Project #: 7108
<p>Design and construct approximately 7,000 l.f. of 18" force main from Zekiah Pump Station. This project is necessary to accommodate the increased flows generated when the Zekiah Pump Station is upgraded to 10.5 MGD. The new forcemain will run from the existing Zekiah Pump Station along Acton Lane to the intersection of Acton Lane and U.S. Route 301. This project is part of the Waldorf Urban Redevelopment Corridor (WURC) initiative.</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	\$110	\$0	\$0	\$0	\$0	\$110	\$0	\$0	\$110
Land & ROW	100	0	100	0	0	200	0	0	200
Construction	0	0	500	500	1,000	2,000	0	500	2,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	14	0	33	28	53	128	0	28	156
Inspection	6	0	18	15	30	69	0	13	82
Miscellaneous	2	0	5	5	10	22	0	5	27
Contingency	0	0	50	50	50	150	0	50	200
Total Outlay	\$232	\$0	\$706	\$598	\$1,143	\$2,679	\$0	\$596	\$3,275

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 (30 Year)	\$232	\$0	\$706	\$598	\$1,143	\$2,679	\$0	\$596	\$3,275
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	\$232	\$0	\$706	\$598	\$1,143	\$2,679	\$0	\$596	\$3,275
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$232	\$0	\$706	\$598	\$1,143	\$2,679	\$0	\$596	\$3,275

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	11.1	11.1	49.5	84.1	184.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$11.1	\$11.1	\$49.5	\$84.1	\$184.6
Increase to Sewer User Fee:	0.0¢	0.3¢	0.3¢	1.1¢	1.9¢	4.1¢

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)	\$232	\$0	\$706	\$598	\$1,536
% change	new	n/a	new	new	new

LOCATION:
ADC MAP 10(H2)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME:	Sewer User	50%	Requested By: PGM
WURC: Zekiah Interceptor Sewer Upgrades	Sewer Connection	50%	Project #: 7109
Design and construct approximately 6,500 l.f. of 36" Gravity sewer to provide additional capacity in the sewer system to serve the future development of the Zekiah service area as part of the Waldorf Urban Redevelopment Corridor (WURC) initiative.			

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	\$360	\$0	\$0	\$0	\$0	\$360	\$0	\$0	\$360
Land & ROW	20	0	20	20	20	80	0	20	100
Construction	0	0	650	650	650	1,950	0	650	2,600
Equipment	0	0	0	0	0	0	0	0	0
Administration	22	0	37	37	37	133	0	37	170
Inspection	11	0	20	20	20	71	0	20	91
Miscellaneous	4	0	7	7	7	25	0	7	32
Contingency	0	0	65	65	65	195	0	65	260
Total Outlay	\$417	\$0	\$799	\$799	\$799	\$2,814	\$0	\$799	\$3,613

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 (30 Year)	\$417	\$0	\$799	\$799	\$799	\$2,814	\$0	\$799	\$3,613
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	\$417	\$0	\$799	\$799	\$799	\$2,814	\$0	\$799	\$3,613
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$417	\$0	\$799	\$799	\$799	\$2,814	\$0	\$799	\$3,613

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	19.9	19.9	63.4	109.6	202.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$19.9	\$19.9	\$63.4	\$109.6	\$202.0
Increase to Sewer User Fee:	0.0¢	0.5¢	0.5¢	1.4¢	2.5¢	4.5¢

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)	\$417	\$0	\$799	\$799	\$2,015
% change	new	n/a	new	new	new

LOCATION:
ADC MAP 4(D10 to G12)

APPROVED CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2014

(\$ in thousands)

PROJECT NAME: Cliffton WWTP Improvements	Sewer User Sewer Connection	100% 0%	Requested By: DPW Project #:
Cliffton WWTP was constructed in the 1970's and is in need of equipment overhaul and replacement to improve treatment reliability and operability. Project includes complete evaluation of treatment plant and implementation of recommended improvements.			

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	\$175	\$75	\$250	\$0	\$0	\$250
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	375	875	1,250	0	0	1,250
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	15	25	40	0	0	40
Inspection	0	0	0	56	130	186	0	0	186
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
Total Outlay	\$0	\$0	\$0	\$621	\$1,105	\$1,726	\$0	\$0	\$1,726

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	\$621	\$1,105	\$1,726	\$0	\$0	\$1,726
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	\$0	\$0	\$621	\$1,105	\$1,726	\$0	\$0	\$1,726
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
Total Funding	\$0	\$0	\$0	\$621	\$1,105	\$1,726	\$0	\$0	\$1,726

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	0.0	0.0	55.9	155.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0
Total Impact	\$0.0	\$0.0	\$0.0	\$0.0	\$55.9	\$155.2
Increase to Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	2.5¢	6.9¢

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	\$0	\$0	\$621	\$621
% change	n/a	n/a	n/a	new	new

LOCATION:
Cliffton, MD