

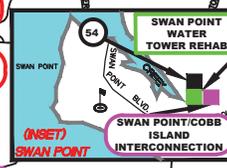
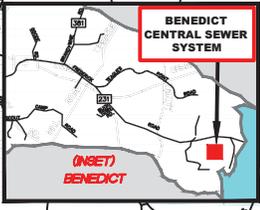
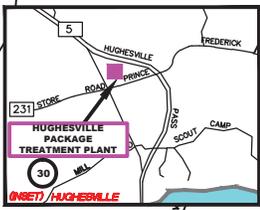
**CHARLES COUNTY GOVERNMENT  
WATER, SEWER, & SOLID WASTE  
PROJECTS FY13 - FY17  
2006 COMPREHENSIVE PLAN (CP) &  
CAPITAL IMPROVEMENT PROGRAM (CIP)**

**LEGEND**

- FUTURE PROJECT (COMP PLAN) —
- APPROVED PROJECT —
- DESIGN OR ROW STAGE —
- CONSTRUCTION STAGE —
- COMPLETED PROJECT —
- EXISTING ROAD —

- NOTES:**
1. ■■■■ &/or PROJECT NAME = Projects by others (not PGM).
  2. \* Represents projects with inactive status or no prior/present FY funding.
  3. Information current as of 7/10/12

- COMPLETED PROJECTS**
1. PATAPSCO MONITORING WELL
  2. RT 229 WATER INTERCONNECTION PHASE 1
  3. MATTAWOMAN INTERCEPTOR SEWER CAPACITY STUDY PHASE 1 & 2
  4. WALDORF TOWER #1 WATER TOWER
  5. WALDORF TOWER #15
  6. WALDORF TOWER #16
  7. WALDORF TOWER #17
  8. WALDORF TOWER #18
  9. WALDORF TOWER #19
  10. WALDORF TOWER #20
  11. WALDORF TOWER #21
  12. WALDORF TOWER #22
  13. WALDORF TOWER #23
  14. WALDORF TOWER #24
  15. WALDORF TOWER #25
  16. WALDORF TOWER #26
  17. WALDORF TOWER #27
  18. WALDORF TOWER #28
  19. WALDORF TOWER #29
  20. WALDORF TOWER #30
  21. WALDORF TOWER #31
  22. WALDORF TOWER #32
  23. WALDORF TOWER #33
  24. WALDORF TOWER #34
  25. WALDORF TOWER #35
  26. WALDORF TOWER #36
  27. WALDORF TOWER #37
  28. WALDORF TOWER #38
  29. WALDORF TOWER #39
  30. WALDORF TOWER #40
  31. WALDORF TOWER #41
  32. WALDORF TOWER #42
  33. WALDORF TOWER #43
  34. WALDORF TOWER #44
  35. WALDORF TOWER #45
  36. WALDORF TOWER #46
  37. WALDORF TOWER #47
  38. WALDORF TOWER #48
  39. WALDORF TOWER #49
  40. WALDORF TOWER #50
  41. WALDORF TOWER #51
  42. WALDORF TOWER #52
  43. WALDORF TOWER #53
  44. WALDORF TOWER #54
  45. WALDORF TOWER #55



POTOMAC RIVER  
SCALE IN MILES

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ 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 assessments per household.

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$625	\$588	\$420	\$446	\$375	\$2,454	\$730	\$495	\$3,679
Land & ROW	0	0	0	0	0	0	182	0	182
Construction	2,404	1,904	1,233	908	954	7,401	1,629	5,061	14,091
Equipment	90	94	99	104	0	386	0	0	386
Administration	188	129	104	83	74	577	70	503	1,149
Inspection	174	145	39	42	44	444	72	469	985
Miscellaneous	25	4	5	5	0	39	74	0	113
Contingency	65	3	3	4	4	79	164	4	247
<b>Total Outlay</b>	<b>\$3,570</b>	<b>\$2,866</b>	<b>\$1,902</b>	<b>\$1,591</b>	<b>\$1,450</b>	<b>\$11,379</b>	<b>\$2,921</b>	<b>\$6,532</b>	<b>\$20,832</b>

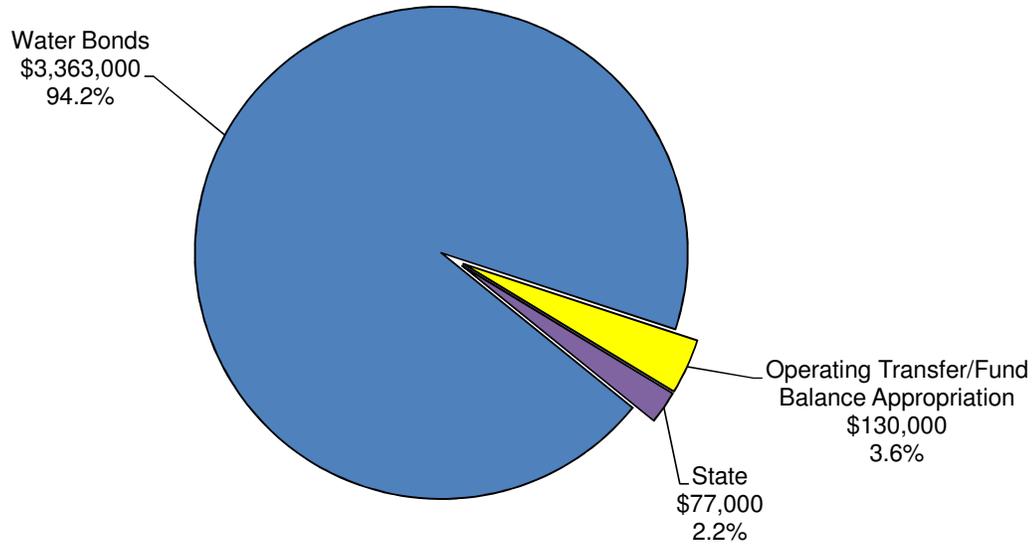
FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$3,363	\$2,652	\$1,763	\$1,444	\$1,407	\$10,629	\$2,846	\$6,499	\$19,974
Fund Balance Appropriation	3	3	0	0	0	6	0	0	6
Operating Transfer	127	131	139	147	43	587	0	33	620
Total County Funding	3,493	2,786	1,902	1,591	1,450	11,222	2,846	6,532	20,600
Federal	0	0	0	0	0	0	0	0	0
State	77	80	0	0	0	157	75	0	232
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$3,570</b>	<b>\$2,866</b>	<b>\$1,902</b>	<b>\$1,591</b>	<b>\$1,450</b>	<b>\$11,379</b>	<b>\$2,921</b>	<b>\$6,532</b>	<b>\$20,832</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	331.7	265.4	186.8	159.8	943.7	255.9	629.0	1,828.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$331.7</b>	<b>\$265.4</b>	<b>\$186.8</b>	<b>\$159.8</b>	<b>\$943.7</b>	<b>\$255.9</b>	<b>\$629.0</b>	<b>\$1,828.6</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>12.5¢</b>	<b>7.1¢</b>	<b>5.9¢</b>	<b>4.6¢</b>	<b>30.0¢</b>	<b>3.5¢</b>	<b>22.9¢</b>	<b>56.4¢</b>

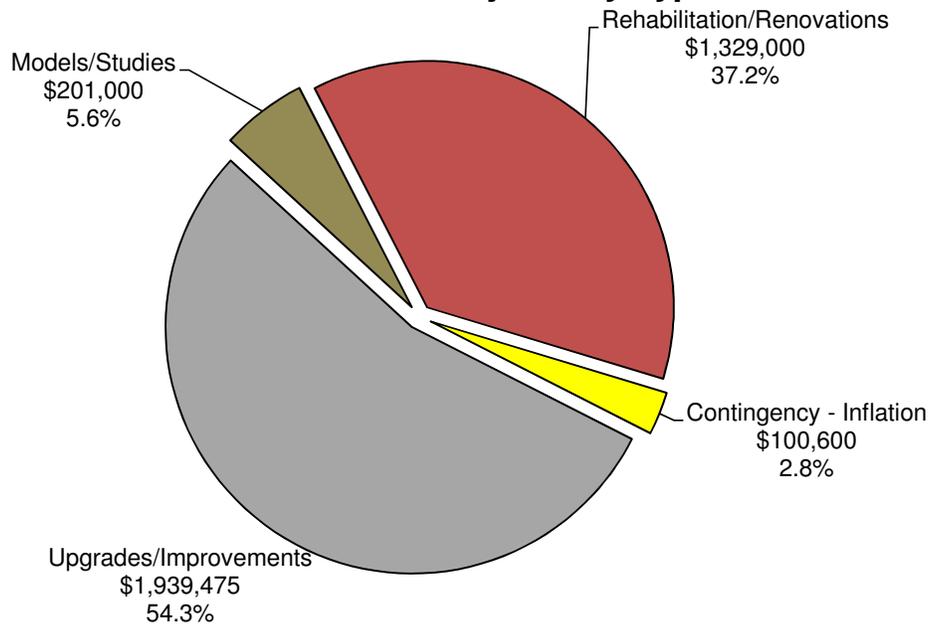
#### VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$4,029	\$3,754	\$2,266	\$7,207	\$17,256
Increase/(Decrease)	(\$459)	(\$888)	(\$364)	(\$5,616)	(\$7,327)
% change	-11.4%	-23.7%	-16.1%	-77.9%	-42.5%

## FY13 Water Financing

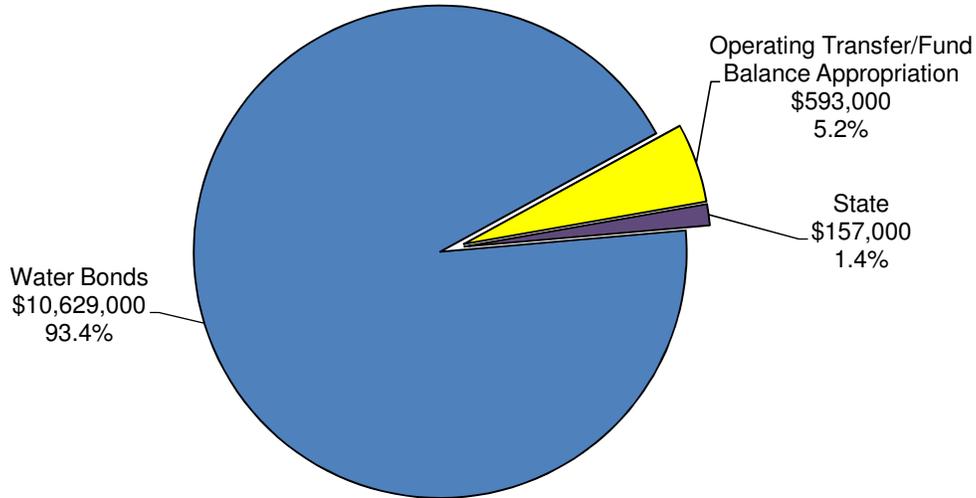


## FY13 Water Projects by Type



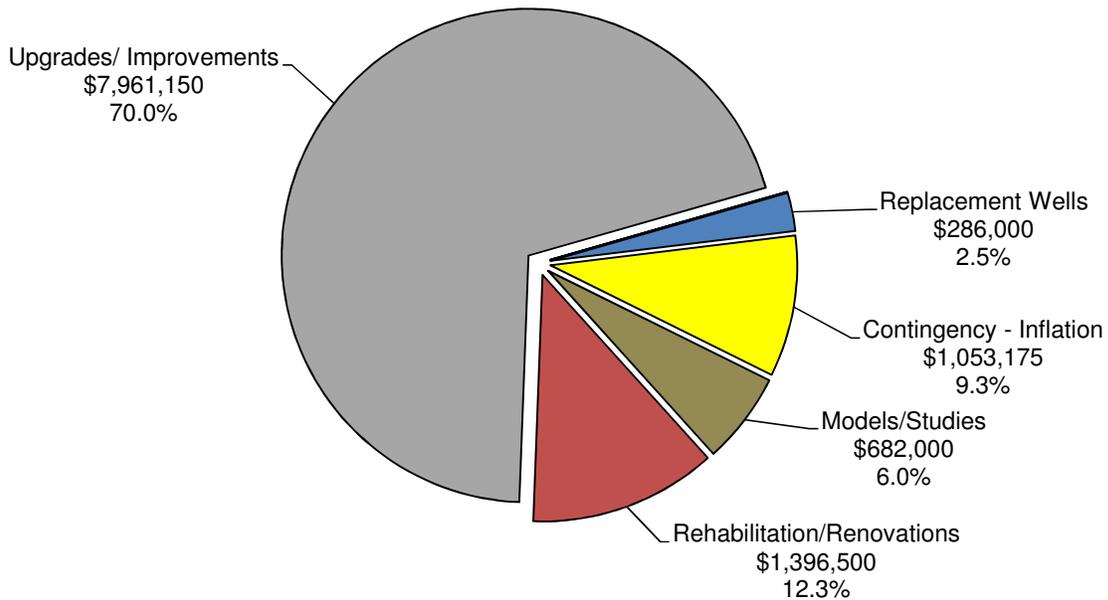
Included in upgrades/improvements are improvements to the Clifton Water System, Well Site Automations and the creation of a Automation and Technology Master Plan.

## FY13-FY17 Water Financing Sources



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

## FY13-FY17 Water Projects by Type



Included in upgrades/improvements are improvements to Clifton Water System, Underground Infrastructures, as well as the creation of a Automation and Technology Master Plan.

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Swan Point Water Tower Rehabilitation</b>	Water User Water Connection	100% 0%	Requested By: PGM Project #: 6083
To rehabilitate the Swan Point Water Tower due to the age and the condition.			

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$90	\$0	\$90
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	490	0	0	0	0	490	0	0	490
Equipment	0	0	0	0	0	0	0	0	0
Administration	26	0	0	0	0	26	6	0	32
Inspection	45	0	0	0	0	45	0	0	45
Miscellaneous	0	0	0	0	0	0	10	0	10
Contingency	0	0	0	0	0	0	10	0	10
<b>Total Outlay</b>	<b>\$561</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$561</b>	<b>\$116</b>	<b>\$0</b>	<b>\$677</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$561	\$0	\$0	\$0	\$0	\$561	\$116	\$0	\$677
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$561</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$561</b>	<b>\$116</b>	<b>\$0</b>	<b>\$677</b>
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
<b>Total Funding</b>	<b>\$561</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$561</b>	<b>\$116</b>	<b>\$0</b>	<b>\$677</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	50.5	0.0	0.0	0.0	50.5	10.4	0.0	60.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$50.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$50.5</b>	<b>\$10.4</b>	<b>\$0.0</b>	<b>\$60.9</b>

<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>2.2¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>2.2¢</b>	<b>0.5¢</b>	<b>0.0¢</b>	<b>2.7¢</b>
------------------------------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	<b>\$490</b>	<b>\$645</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,135</b>
Increase/(Decrease)	\$71	(\$645)	\$0	\$0	(\$574)
% change	14.5%	-100.0%	n/a	n/a	-50.6%

<b>LOCATION:</b> Swan Point Subdivision, Issue, MD.
--

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Well Site Automation</b>	Water User 100%	Requested By: DPW
	Water Connection 0%	Project #: 6092
<p>Work includes installation of control equipment to automate the following well sites: White Oak, John Hansen, St. Charles, Smallwood West, Mattawoman-Beantown, Towne Plaza, Billingsley 1 &amp; 2, Westwood Drive 1 &amp; 2, Cleveland Park 1 &amp; 2, Piney Church, Pinefield, and Bensville 1 &amp; 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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$15	\$15	\$10	\$0	\$0	\$40	\$0	\$0	\$40
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	150	150	100	0	0	400	0	0	400
Equipment	0	0	0	0	0	0	0	0	0
Administration	17	18	13	0	0	48	0	0	48
Inspection	15	15	10	0	0	40	0	0	40
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$197</b>	<b>\$198</b>	<b>\$133</b>	<b>\$0</b>	<b>\$0</b>	<b>\$528</b>	<b>\$0</b>	<b>\$0</b>	<b>\$528</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$197	\$198	\$133	\$0	\$0	\$528	\$0	\$0	\$528
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$197</b>	<b>\$198</b>	<b>\$133</b>	<b>\$0</b>	<b>\$0</b>	<b>\$528</b>	<b>\$0</b>	<b>\$0</b>	<b>\$528</b>
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
<b>Total Funding</b>	<b>\$197</b>	<b>\$198</b>	<b>\$133</b>	<b>\$0</b>	<b>\$0</b>	<b>\$528</b>	<b>\$0</b>	<b>\$0</b>	<b>\$528</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	17.7	17.8	12.0	0.0	47.5	0.0	0.0	47.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$17.7</b>	<b>\$17.8</b>	<b>\$12.0</b>	<b>\$0.0</b>	<b>\$47.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$47.5</b>

<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.8¢</b>	<b>0.8¢</b>	<b>0.5¢</b>	<b>0.0¢</b>	<b>2.1¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>2.1¢</b>
------------------------------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	<b>\$179</b>	<b>\$179</b>	<b>\$179</b>	<b>\$0</b>	<b>\$537</b>
Increase/(Decrease)	\$18	\$19	(\$46)	\$0	(\$9)
% change	10.1%	10.6%	-25.7%	n/a	-1.7%

**LOCATION:**  
See sites listed in description

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Cliffton Water System Improvements</b>	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>			

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	0	95	0	0	0	\$95	\$416	\$0	\$511
Land & ROW	0	0	0	0	0	0	82	0	82
Construction	0	966	0	0	0	966	309	0	1,275
Equipment	0	0	0	0	0	0	0	0	0
Administration	27	38	0	0	0	65	21	0	86
Inspection	0	95	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
<b>Total Outlay</b>	<b>\$27</b>	<b>\$1,194</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,221</b>	<b>\$939</b>	<b>\$0</b>	<b>\$2,160</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$27	\$1,194	\$0	\$0	\$0	\$1,221	\$939	\$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	\$27	\$1,194	\$0	\$0	\$0	\$1,221	\$939	\$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
<b>Total Funding</b>	<b>\$27</b>	<b>\$1,194</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,221</b>	<b>\$939</b>	<b>\$0</b>	<b>\$2,160</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	2.4	107.4	0.0	0.0	109.8	84.5	0.0	194.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$2.4</b>	<b>\$107.4</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$109.8</b>	<b>\$84.5</b>	<b>\$0.0</b>	<b>\$194.3</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.1¢</b>	<b>2.3¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>2.4¢</b>	<b>1.9¢</b>	<b>0.0¢</b>	<b>4.3¢</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$1,092	\$0	\$0	\$0	\$1,092
Increase/(Decrease)	(\$1,065)	\$1,194	\$0	\$0	\$129
% change	-97.5%	new	n/a	n/a	11.8%

**LOCATION:**  
Cliffton, MD

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Satellite Water Facility Upgrades</b>	Water User 100% Water Connection 0%	Requested By: DPW Project #: 6093
To provide necessary upgrades to various satellite water facilities. Install generator with automatic transfer switch for power distribution system reliability at the following sites: Swan Point, Bel Alton, Newtown Village, Mariellen, Ellenwood, and St. Anne's.		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$45	\$0	\$0	\$0	\$0	\$45	\$0	\$0	\$45
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	420	0	0	0	0	420	0	0	420
Equipment	0	0	0	0	0	0	0	0	0
Administration	27	0	0	0	0	27	0	0	27
Inspection	45	0	0	0	0	45	0	0	45
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$537</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$537</b>	<b>\$0</b>	<b>\$0</b>	<b>\$537</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$537	\$0	\$0	\$0	\$0	\$537	\$0	\$0	\$537
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	\$537	\$0	\$0	\$0	\$0	\$537	\$0	\$0	\$537
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
<b>Total Funding</b>	<b>\$537</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$537</b>	<b>\$0</b>	<b>\$0</b>	<b>\$537</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	48.3	0.0	0.0	0.0	48.3	0.0	0.0	48.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$48.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$48.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$48.3</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>2.1¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>2.1¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>2.1¢</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$537	\$0	\$0	\$0	\$537
% change	new	n/a	n/a	n/a	new

**LOCATION:**  
Various Sites

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Underground Infrastructure Repairs</b>	Water User Water Connection	100% 0%	Requested By: DPW Project #: 6089
Excavate and replace corroded steel service saddles in Pinefield area 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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$25	\$25	\$25	\$35	\$35	\$145	\$0	\$350	\$495
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	250	250	250	350	350	1,450	250	3,500	5,200
Equipment	0	0	0	0	0	0	0	0	0
Administration	28	28	28	38	38	160	3	370	533
Inspection	25	25	25	35	35	145	0	350	495
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$328</b>	<b>\$328</b>	<b>\$328</b>	<b>\$458</b>	<b>\$458</b>	<b>\$1,900</b>	<b>\$253</b>	<b>\$4,570</b>	<b>\$6,723</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$328	\$328	\$328	\$458	\$458	\$1,900	\$253	\$4,570	\$6,723
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	\$328	\$328	\$328	\$458	\$458	\$1,900	\$253	\$4,570	\$6,723
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
<b>Total Funding</b>	<b>\$328</b>	<b>\$328</b>	<b>\$328</b>	<b>\$458</b>	<b>\$458</b>	<b>\$1,900</b>	<b>\$253</b>	<b>\$4,570</b>	<b>\$6,723</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	29.5	29.5	29.5	41.2	129.7	22.8	452.2	604.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$29.5</b>	<b>\$29.5</b>	<b>\$29.5</b>	<b>\$41.2</b>	<b>\$129.7</b>	<b>\$22.8</b>	<b>\$452.2</b>	<b>\$604.7</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>1.3¢</b>	<b>1.3¢</b>	<b>1.2¢</b>	<b>1.7¢</b>	<b>5.5¢</b>	<b>1.0¢</b>	<b>18.4¢</b>	<b>24.9¢</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$253	\$0	\$0	\$0	\$253
Increase/(Decrease)	\$75	\$328	\$328	\$458	\$1,189
% change	29.6%	new	new	new	470.0%

**LOCATION:**  
Development District

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> Smallwood Drive East Water Tower Rehab.	Water User Water Connection	100% 0%	Requested By: PGM Project #: 6095
The last rehab performed on this water tower was during 1997-98. To ensure the useful life of the structure and to maintain the aesthetic quality of the water tower, 5-year rehab intervals are recommended. This project will involve cleaning and recoating the exterior of the water tower.			

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$8	\$0	\$0	\$0	\$0	\$8	\$0	\$0	\$8
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	600	0	0	0	0	600	0	0	600
Equipment	0	0	0	0	0	0	0	0	0
Administration	22	0	0	0	0	22	0	0	22
Inspection	40	0	0	0	0	40	0	0	40
Miscellaneous	20	0	0	0	0	20	0	0	20
Contingency	60	0	0	0	0	60	0	0	60
<b>Total Outlay</b>	<b>\$750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$750</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$750	\$0	\$0	\$0	\$0	\$750	\$0	\$0	\$750
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$750</b>
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
<b>Total Funding</b>	<b>\$750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$750</b>

Operating Budget Impact									
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	67.5	0.0	0.0	0.0	67.5	0.0	0.0	67.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$67.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$67.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$67.5</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>3.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>3.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>3.0¢</b>

VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:					
	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$748	\$0	\$0	\$0	\$748
Increase/(Decrease)	\$2	\$0	\$0	\$0	\$2
% change	0.3%	n/a	n/a	n/a	0.3%

**LOCATION:**  
Waldorf, Smallwood Drive

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Benedict Replacement Well</b>	Water User Water Connection	100% 0%	Requested By: DPW Project #:
Arsenic levels at Benedict well have prompted a request for the drilling of a new well.			

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	275	0	0	275	0	0	275
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	11	0	0	11	0	0	11
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
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$286</b>	<b>\$0</b>	<b>\$0</b>	<b>\$286</b>	<b>\$0</b>	<b>\$0</b>	<b>\$286</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$0	\$0	\$286	\$0	\$0	\$286	\$0	\$0	\$286
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$286</b>	<b>\$0</b>	<b>\$0</b>	<b>\$286</b>	<b>\$0</b>	<b>\$0</b>	<b>\$286</b>
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
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$286</b>	<b>\$0</b>	<b>\$0</b>	<b>\$286</b>	<b>\$0</b>	<b>\$0</b>	<b>\$286</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	25.7	0.0	25.7	0.0	0.0	25.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$25.7</b>	<b>\$0.0</b>	<b>\$25.7</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$25.7</b>

<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>1.1¢</b>	<b>0.0¢</b>	<b>1.1¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>1.1¢</b>
------------------------------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$0	\$277	\$0	\$277
Increase/(Decrease)	\$0	\$0	\$9	\$0	\$9
% change	n/a	n/a	3.2%	n/a	3.2%

<b>LOCATION:</b> Benedict, MD
----------------------------------

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Water Model Update</b>	Water User 55%	Requested By: PGM
	Water Connection 45%	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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$27	\$27	\$27	\$27	\$27	\$135	\$0	\$27	\$162
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	0	3	23
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	0	3	18
<b>Total Outlay</b>	<b>\$34</b>	<b>\$34</b>	<b>\$34</b>	<b>\$34</b>	<b>\$34</b>	<b>\$170</b>	<b>\$0</b>	<b>\$33</b>	<b>\$203</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$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	0	33	203
<b>Total County Funding</b>	<b>\$34</b>	<b>\$34</b>	<b>\$34</b>	<b>\$34</b>	<b>\$34</b>	<b>\$170</b>	<b>\$0</b>	<b>\$33</b>	<b>\$203</b>
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
<b>Total Funding</b>	<b>\$34</b>	<b>\$34</b>	<b>\$34</b>	<b>\$34</b>	<b>\$34</b>	<b>\$170</b>	<b>\$0</b>	<b>\$33</b>	<b>\$203</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	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	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$32	\$32	\$32	\$32	\$128
Increase/(Decrease)	\$2	\$2	\$2	\$2	\$8
% change	6.3%	6.3%	6.3%	6.3%	6.3%

<b>LOCATION:</b> County-wide
---------------------------------

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Patuxent Aquifer Study</b>	<b>Water User</b> Water Connection	0% 100%	<b>Requested By:</b> PGM <b>Project #:</b> 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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$75	\$75	\$0	\$0	\$0	\$150	\$149	\$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	3	3	0	0	0	6	31	0	37
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
<b>Total Outlay</b>	<b>\$78</b>	<b>\$78</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$156</b>	<b>\$1,515</b>	<b>\$0</b>	<b>\$1,671</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$1,440	\$0	\$1,440
Fund Balance Appropriation	3	3	0	0	0	6	0	0	6
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$3	\$3	\$0	\$0	\$0	\$6	\$1,440	\$0	\$1,446
Federal	0	0	0	0	0	0	0	0	0
State	75	75	0	0	0	150	75	0	225
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$78</b>	<b>\$78</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$156</b>	<b>\$1,515</b>	<b>\$0</b>	<b>\$1,671</b>

Operating Budget Impact									
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>						
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	129.5	0.0	129.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$129.5</b>	<b>\$0.0</b>	<b>\$129.5</b>

**Increase to Water User Fee:**      0.0¢      0.0¢      0.0¢      0.0¢      0.0¢      0.0¢      0.0¢      0.0¢      0.0¢

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$75	\$75	\$0	\$0	\$150
Increase/(Decrease)	\$3	\$3	\$0	\$0	\$6
% change	4.0%	4.0%	n/a	n/a	4.0%

**LOCATION:**  
Development District

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Various County Water Studies</b>	Water User Water Connection	0% 100%	Requested By: PGM Project #: 6091
<p><b>Surface Water Treatment Plant Study (New)</b> - 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><b>Aquifer Storage Recovery Feasibility Study (New)</b>- 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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$75	\$75	\$75	\$75	\$0	\$300	\$75	\$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	10	0	40	8	0	48
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	4	4	4	4	0	16	4	0	20
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$89</b>	<b>\$89</b>	<b>\$89</b>	<b>\$89</b>	<b>\$0</b>	<b>\$356</b>	<b>\$87</b>	<b>\$0</b>	<b>\$443</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$87	\$0	\$87
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	89	89	89	89	0	356	0	0	356
<b>Total County Funding</b>	<b>\$89</b>	<b>\$89</b>	<b>\$89</b>	<b>\$89</b>	<b>\$0</b>	<b>\$356</b>	<b>\$87</b>	<b>\$0</b>	<b>\$443</b>
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
<b>Total Funding</b>	<b>\$89</b>	<b>\$89</b>	<b>\$89</b>	<b>\$89</b>	<b>\$0</b>	<b>\$356</b>	<b>\$87</b>	<b>\$0</b>	<b>\$443</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	7.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$7.8</b>	<b>\$0.0</b>	<b>\$7.8</b>

<b>Increase to Water User Fee:</b>	<b>0.0¢</b>								
------------------------------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:					
	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$87	\$87	\$87	\$87	\$348
Increase/(Decrease)	\$2	\$2	\$2	\$2	\$8
% change	2.3%	2.3%	2.3%	2.3%	2.3%

<b>LOCATION:</b> County-wide
---------------------------------

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Automation &amp; Technology Master Plan</b>	<b>Water User</b> 27.5% <b>Water Connection</b> 22.5% <b>Sewer User</b> 27.5% <b>Sewer Connection</b> 22.5%	<b>Requested By:</b> DPW <b>Project #:</b> 6096
This project request is the result of an extensive study in FY08 and FY09 by Westin Engineering to determine the Information Technology needs of the Utilities Division in order to bring it into the 21st century. The project will include emphasis on Supervisor, Control, and Data Acquisition (SCADA), regulatory compliance, data management, work management, and performance management, among other issues. The ultimate goal of this project is for Utilities to accomplish its functions even in periods of growth without adding field staff and to make more efficient use of the resources currently available. Additional facility control, instrumentation, and communication improvements have been determined necessary through further evaluation and design of the SCADA system than originally scoped resulting in an overall project increase.		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$675	\$475	\$475	\$475	\$475	\$2,575	\$0	\$0	\$2,575
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	824	824	824	824	824	4,120	0	708	4,828
Equipment	175	175	175	175	0	700	0	0	700
Administration	27	32	32	32	32	155	0	5	160
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
<b>Total Outlay</b>	<b>\$1,701</b>	<b>\$1,506</b>	<b>\$1,506</b>	<b>\$1,506</b>	<b>\$1,331</b>	<b>\$7,550</b>	<b>\$0</b>	<b>\$713</b>	<b>\$8,263</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds (10 Year)	\$1,692	\$1,498	\$1,499	\$1,506	\$1,331	\$7,526	\$0	\$713	\$8,239
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	\$1,692	\$1,498	\$1,499	\$1,506	\$1,331	\$7,526	\$0	\$713	\$8,239
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 1.4%-1.9%	9	8	7	0	0	24	0	0	24
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$1,701</b>	<b>\$1,506</b>	<b>\$1,506</b>	<b>\$1,506</b>	<b>\$1,331</b>	<b>\$7,550</b>	<b>\$0</b>	<b>\$713</b>	<b>\$8,263</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	208.6	184.7	184.8	185.7	763.8	0.0	272.7	1,036.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$208.6</b>	<b>\$184.7</b>	<b>\$184.8</b>	<b>\$185.7</b>	<b>\$763.8</b>	<b>\$0.0</b>	<b>\$272.7</b>	<b>\$1,036.5</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>2.5¢</b>	<b>2.2¢</b>	<b>2.2¢</b>	<b>2.1¢</b>	<b>9.0¢</b>	<b>0.0¢</b>	<b>3.0¢</b>	<b>12.0¢</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>2.7¢</b>	<b>2.4¢</b>	<b>2.3¢</b>	<b>2.3¢</b>	<b>9.7¢</b>	<b>0.0¢</b>	<b>3.3¢</b>	<b>13.0¢</b>
<b>Combined Fee Increase:</b>	<b>0.0¢</b>	<b>5.3¢</b>	<b>4.6¢</b>	<b>4.5¢</b>	<b>4.4¢</b>	<b>18.7¢</b>	<b>0.0¢</b>	<b>6.3¢</b>	<b>25.0¢</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$1,499	\$1,504	\$1,504	\$1,504	\$6,011
Increase/(Decrease)	\$202	\$2	\$2	\$2	\$208
% change	13.5%	0.1%	0.1%	0.1%	3.5%

**LOCATION:**

County-wide

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Lab Renovation</b>	<b>Water User</b> 50.0% <b>Water Connection</b> 0.0% <b>Sewer User</b> 50.0% <b>Sewer Connection</b> 0.0%	<b>Requested By:</b> DPW <b>Project #:</b> 6087
Renovation of the lab to expand space to accommodate testing equipment and increase safety within the working environment.		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	30	0	120	0	0	150	20	0	170
Equipment	0	0	0	0	0	0	0	0	0
Administration	6	0	15	0	0	21	1	0	22
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
<b>Total Outlay</b>	<b>\$36</b>	<b>\$0</b>	<b>\$135</b>	<b>\$0</b>	<b>\$0</b>	<b>\$171</b>	<b>\$21</b>	<b>\$0</b>	<b>\$192</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$33	\$0	\$125	\$0	\$0	\$158	\$18	\$0	\$176
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$33</b>	<b>\$0</b>	<b>\$125</b>	<b>\$0</b>	<b>\$0</b>	<b>\$158</b>	<b>\$18</b>	<b>\$0</b>	<b>\$176</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	3	0	10	0	0	13	3	0	16
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$36</b>	<b>\$0</b>	<b>\$135</b>	<b>\$0</b>	<b>\$0</b>	<b>\$171</b>	<b>\$21</b>	<b>\$0</b>	<b>\$192</b>

Operating Budget Impact									
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	3.0	0.0	11.2	0.0	14.2	1.6	11.2	27.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$3.0</b>	<b>\$0.0</b>	<b>\$11.2</b>	<b>\$0.0</b>	<b>\$14.2</b>	<b>\$1.6</b>	<b>\$11.2</b>	<b>\$27.1</b>
<b>Increase to Water User Fee:</b>	<b>0.0¢</b>	<b>0.1¢</b>	<b>0.0¢</b>	<b>0.2¢</b>	<b>0.0¢</b>	<b>0.3¢</b>	<b>0.0¢</b>	<b>0.2¢</b>	<b>0.6¢</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.1¢</b>	<b>0.0¢</b>	<b>0.3¢</b>	<b>0.0¢</b>	<b>0.3¢</b>	<b>0.0¢</b>	<b>0.2¢</b>	<b>0.6¢</b>
<b>Combined Fee Increase:</b>	<b>0.0¢</b>	<b>0.1¢</b>	<b>0.0¢</b>	<b>0.5¢</b>	<b>0.0¢</b>	<b>0.6¢</b>	<b>0.1¢</b>	<b>0.5¢</b>	<b>1.2¢</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$32	\$0	\$121	\$0	\$153
Increase/(Decrease)	\$4	\$0	\$14	\$0	\$18
% change	12.5%	n/a	11.6%	n/a	11.8%

**LOCATION:**  
MWWTP

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ 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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$1,916	\$2,436	\$1,570	\$1,056	\$1,003	\$7,981	\$5,386	\$1,003	\$14,370
Land & ROW	43	0	13	0	0	56	940	0	996
Construction	4,314	12,426	13,845	4,363	5,615	40,561	13,970	5,948	60,479
Equipment	90	94	1,813	104	0	2,100	1,858	0	3,958
Administration	317	389	293	125	166	1,289	508	155	1,952
Inspection	292	937	1,101	337	410	3,077	1,204	360	4,641
Miscellaneous	22	223	0	0	22	267	533	34	834
Contingency	248	237	4	5	35	529	902	150	1,581
<b>Total Outlay</b>	<b>\$7,241</b>	<b>\$16,741</b>	<b>\$18,638</b>	<b>\$5,989</b>	<b>\$7,250</b>	<b>\$55,859</b>	<b>\$25,301</b>	<b>\$7,650</b>	<b>\$88,811</b>

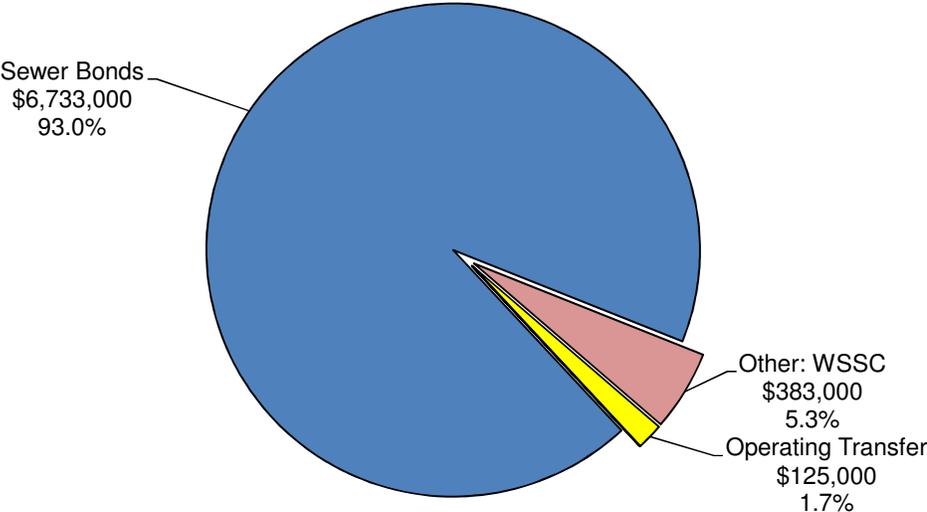
FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$6,733	\$14,011	\$16,242	\$4,624	\$5,818	\$47,428	\$19,586	\$6,046	\$73,061
Fund Balance Appropriation	0	238	0	0	0	238	0	0	238
Operating Transfer	125	166	44	47	49	431	105	0	536
<b>Total County Funding</b>	<b>\$6,858</b>	<b>\$14,415</b>	<b>\$16,286</b>	<b>\$4,671</b>	<b>\$5,867</b>	<b>\$48,097</b>	<b>\$19,691</b>	<b>\$6,046</b>	<b>\$73,834</b>
Federal	0	0	0	0	0	0	728	0	728
State	0	0	0	0	0	0	400	0	400
Other: WSSC	383	2,326	2,352	1,318	1,383	7,762	2,584	1,604	11,949
Other:	0	0	0	0	0	0	1,899	0	1,899
<b>Total Funding</b>	<b>\$7,241</b>	<b>\$16,741</b>	<b>\$18,638</b>	<b>\$5,989</b>	<b>\$7,250</b>	<b>\$55,859</b>	<b>\$25,301</b>	<b>\$7,650</b>	<b>\$88,811</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	27.0	36.3	18.2	18.7	100.2	0.0	36.4	136.6
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$27.0</b>	<b>\$36.3</b>	<b>\$18.2</b>	<b>\$18.7</b>	<b>\$100.2</b>	<b>\$0.0</b>	<b>\$36.4</b>	<b>\$136.6</b>
Debt Service: Bonds	0.0	634.2	1,286.5	1,488.6	445.8	3,855.2	1,761.7	1,750.9	7,367.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$661.2</b>	<b>\$1,322.8</b>	<b>\$1,506.8</b>	<b>\$464.5</b>	<b>\$3,955.4</b>	<b>\$1,761.7</b>	<b>\$1,787.3</b>	<b>\$7,504.4</b>
<b>Increase to Sewer User Fee:</b>	<b>4.1¢</b>	<b>25.4¢</b>	<b>25.7¢</b>	<b>32.6¢</b>	<b>14.9¢</b>	<b>\$1.03</b>	<b>42.6¢</b>	<b>37.8¢</b>	<b>\$1.83</b>

#### VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:

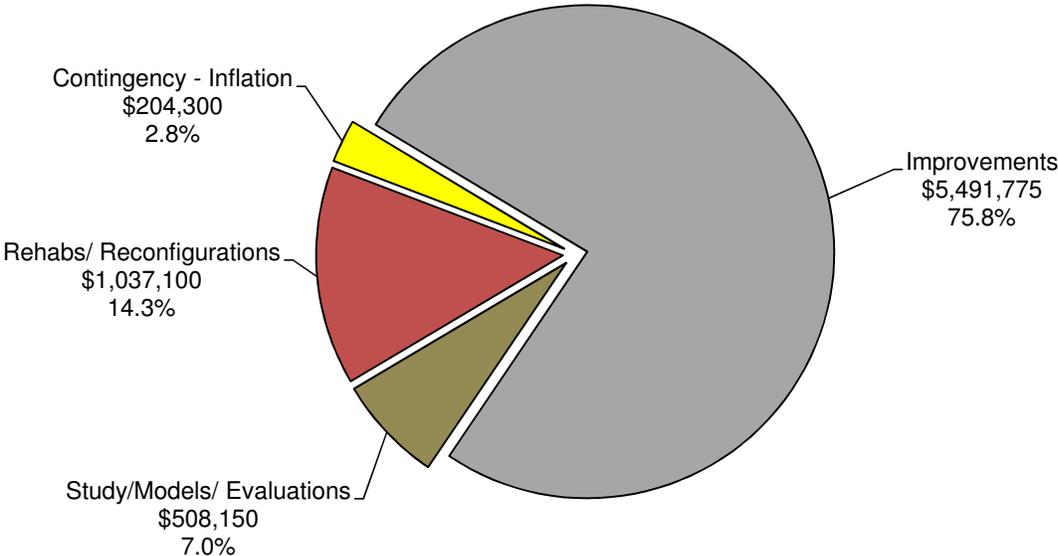
	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$12,242	\$12,019	\$12,207	\$5,273	\$41,741
Increase/(Decrease)	(\$5,001)	\$4,722	\$6,431	\$716	\$6,868
% change	-40.9%	39.3%	52.7%	13.6%	16.5%

### FY13 Sewer Financing Sources



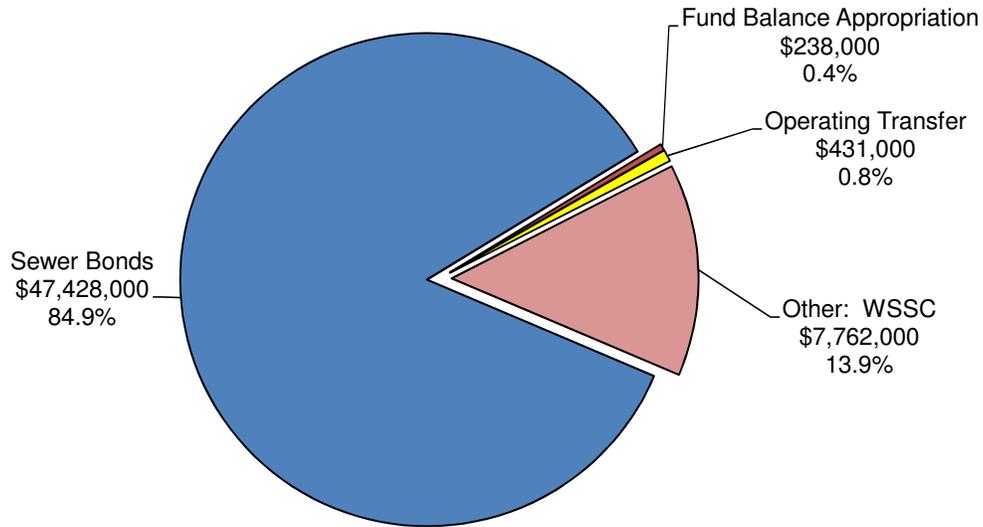
Financing the debt service associated with bonds for sewer projects is recovered primarily from sewer customer connection and user fees.

### FY13 Sewer by Project Type

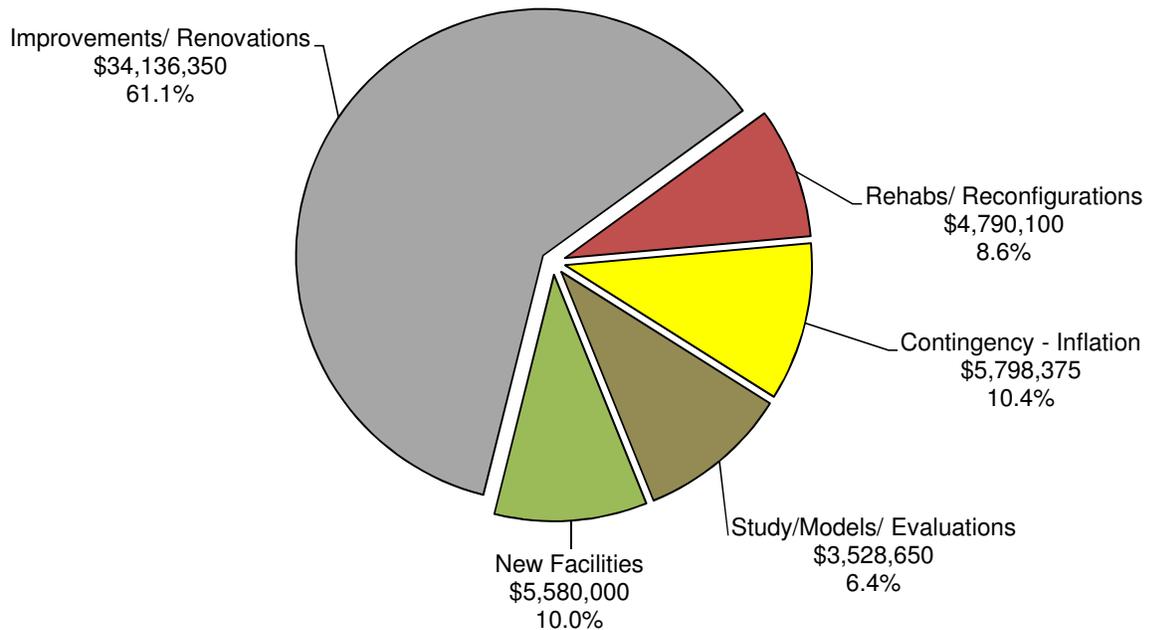


Improvements include funding for Influent and Effluent Pump Stations, Mt. Carmel Woods/College of Southern MD Pump Station and Force Mains, Mattawoman Automation, Mattawoman Infiltration and Inflow, Mattawoman Lab, Mattawoman Utility Water System, Mattawoman Berm, White Plains Sewer, and the creation of an Automation and Technology Master Plan.

## FY13-FY17 Sewer Financing Sources



## FY13-FY17 Sewer by Project Type



FY13 Improvements includes various improvements at the Mattawoman WWTP and various other locations.

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b>	Sewer User 100%	Requested By: PGM
<b>Mt. Carmel Woods / College of Southern Maryland Pump Station &amp; Force mains</b>	Sewer Connection 0%	Project #: 7058
<p>To meet the requirements of the revised Discharge Permit, this project will construct a pumping station at Mt. Carmel Woods to convey the current flows at the existing WWTP to a proposed pump station at CSM via a 4" force main. The CSM existing flows (240,000 gpd) along with the Mt. Carmel flow (121,000 gpd) will then be pumped to the Mattawoman Interceptor via a proposed 8" DIP force main. The existing WWTP at both locations will be abandoned due to the proposed pump stations.</p>		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$50	\$0	\$0	\$0	\$0	\$50	\$185	\$0	\$235
Land & ROW	0	0	0	0	0	0	21	0	21
Construction	2,065	0	0	0	0	2,065	3,150	0	5,215
Equipment	0	0	0	0	0	0	0	0	0
Administration	65	0	0	0	0	65	105	0	170
Inspection	105	0	0	0	0	105	286	0	391
Miscellaneous	21	0	0	0	0	21	39	0	60
Contingency	207	0	0	0	0	207	311	0	518
<b>Total Outlay</b>	<b>\$2,513</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,513</b>	<b>\$4,097</b>	<b>\$0</b>	<b>\$6,610</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$2,513	\$0	\$0	\$0	\$0	\$2,513	\$4,065	\$0	\$6,578
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	32	0	32
Total County Funding	\$2,513	\$0	\$0	\$0	\$0	\$2,513	\$4,097	\$0	\$6,610
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
<b>Total Funding</b>	<b>\$2,513</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,513</b>	<b>\$4,097</b>	<b>\$0</b>	<b>\$6,610</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	226.0	0.0	0.0	0.0	226.0	365.6	0.0	591.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$226.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$226.0</b>	<b>\$365.6</b>	<b>\$0.0</b>	<b>\$591.6</b>

<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>10.7¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>10.7¢</b>	<b>19.6¢</b>	<b>0.0¢</b>	<b>30.4¢</b>
------------------------------------	-------------	--------------	-------------	-------------	-------------	--------------	--------------	-------------	--------------

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$2,511	\$0	\$0	\$0	\$2,511
Increase/(Decrease)	\$2	\$0	\$0	\$0	\$2
% change	0.1%	n/a	n/a	n/a	0.1%

<b>LOCATION:</b>	Mt. Carmel Woods / College of Southern MD
------------------	---

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Influent/Effluent Pump Station</b>	Sewer User 55%	Requested By: PGM
	Sewer Connection 45%	Project #: 7063
<p>A thorough evaluation of Mattawoman WWTP Influent/Effluent pump stations, &amp; the Influent Wet Well is necessary to upgrade, overhaul &amp; replace outdated, inadequate, &amp;/or unsafe/inefficient processes. Problems with the main pumping station include hydraulic, control, capacity, &amp; safety. The pumps are aging and obtaining parts has become a serious problem, 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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$100	\$40	\$0	\$0	\$140	\$819	\$0	\$959
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	2,163	1,082	0	0	3,245	2,190	0	5,435
Equipment	0	0	0	0	0	0	644	0	644
Administration	33	39	24	0	0	96	43	0	139
Inspection	0	125	70	0	0	195	155	0	350
Miscellaneous	0	0	0	0	0	0	5	0	5
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$33</b>	<b>\$2,427</b>	<b>\$1,216</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,676</b>	<b>\$3,856</b>	<b>\$0</b>	<b>\$7,532</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$28	\$2,063	\$1,034	\$0	\$0	\$3,125	\$2,660	\$0	\$5,785
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	\$28	\$2,063	\$1,034	\$0	\$0	\$3,125	\$2,660	\$0	\$5,785
Federal	0	0	0	0	0	0	728	0	728
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	5	364	182	0	0	551	468	0	1,019
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$33</b>	<b>\$2,427</b>	<b>\$1,216</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,676</b>	<b>\$3,856</b>	<b>\$0</b>	<b>\$7,532</b>

Operating Budget Impact										
No. of Personnel	0.00	0.00	0.00	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	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	2.5	185.5	93.0	0.0	281.1	239.2	93.0	613.3	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$2.5</b>	<b>\$185.5</b>	<b>\$93.0</b>	<b>\$0.0</b>	<b>\$281.1</b>	<b>\$239.2</b>	<b>\$93.0</b>	<b>\$613.3</b>	<b>\$0.0</b>

<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.1¢</b>	<b>4.7¢</b>	<b>2.3¢</b>	<b>0.0¢</b>	<b>7.1¢</b>	<b>6.5¢</b>	<b>2.2¢</b>	<b>15.9¢</b>
------------------------------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--------------

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$3,607	\$0	\$0	\$0	\$3,607
Increase/(Decrease)	(\$3,574)	\$2,427	\$1,216	\$0	\$69
% change	-99.1%	new	new	n/a	1.9%

**LOCATION:**  
Mattawoman WWTP

**APPROVED CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEAR 2013**

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Electrical System Replacement</b>	<b>Sewer User</b> 55% <b>Sewer Connection</b> 45%	<b>Requested By:</b> DPW <b>Project #:</b> 7078
<p>To perform a study to determine the replacement needs of the existing electrical system and to implement the required upgrades to include but not limited to wiring, control panels, relays, 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.</p>		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year	Approp. thru FY12	Beyond FY 2017	Project Total
						Total '13-'17			
Architectural & Engineering	\$200	\$235	\$125	\$0	\$0	\$560	\$406	\$0	\$966
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	1,050	1,200	0	0	2,250	0	0	2,250
Equipment	0	0	1,525	0	0	1,525	0	0	1,525
Administration	18	25	29	0	0	72	11	0	83
Inspection	0	105	250	0	0	355	0	0	355
Miscellaneous	0	0	0	0	0	0	15	0	15
Contingency	0	0	0	0	0	0	17	0	17
<b>Total Outlay</b>	<b>\$218</b>	<b>\$1,415</b>	<b>\$3,129</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,762</b>	<b>\$449</b>	<b>\$0</b>	<b>\$5,211</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$185	\$1,203	\$2,660	\$0	\$0	\$4,048	\$382	\$0	\$4,430
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$185</b>	<b>\$1,203</b>	<b>\$2,660</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,048</b>	<b>\$382</b>	<b>\$0</b>	<b>\$4,430</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	33	212	469	0	0	714	67	0	781
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$218</b>	<b>\$1,415</b>	<b>\$3,129</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,762</b>	<b>\$449</b>	<b>\$0</b>	<b>\$5,211</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	16.6	108.2	239.2	0.0	364.1	34.4	239.2	637.7
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$16.6</b>	<b>\$108.2</b>	<b>\$239.2</b>	<b>\$0.0</b>	<b>\$364.1</b>	<b>\$34.4</b>	<b>\$239.2</b>	<b>\$637.7</b>

<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.4¢</b>	<b>2.8¢</b>	<b>6.0¢</b>	<b>0.0¢</b>	<b>9.2¢</b>	<b>0.9¢</b>	<b>5.7¢</b>	<b>15.9¢</b>
------------------------------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--------------

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$206	\$1,100	\$1,283	\$0	\$2,589
Increase/(Decrease)	\$12	\$315	\$1,846	\$0	\$2,173
% change	5.8%	28.6%	143.9%	n/a	83.9%

<b>LOCATION:</b> Mattawoman WWTP
-------------------------------------

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Flow Equalization</b>	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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$350	\$175	\$175	\$0	\$0	\$700	\$0	\$0	\$700
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	19	36	36	0	0	91	0	0	91
Inspection	0	175	175	0	0	350	0	0	350
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$369</b>	<b>\$2,136</b>	<b>\$2,136</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,641</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,641</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$314	\$1,816	\$1,816	\$0	\$0	\$3,946	\$0	\$0	\$3,946
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$314</b>	<b>\$1,816</b>	<b>\$1,816</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,946</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,946</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	55	320	320	0	0	695	0	0	695
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$369</b>	<b>\$2,136</b>	<b>\$2,136</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,641</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,641</b>

Operating Budget Impact									
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	28.2	163.3	163.3	0.0	354.9	0.0	163.3	518.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$28.2</b>	<b>\$163.3</b>	<b>\$163.3</b>	<b>\$0.0</b>	<b>\$354.9</b>	<b>\$0.0</b>	<b>\$163.3</b>	<b>\$518.2</b>

**Increase to Sewer User Fee:**      0.0¢      0.7¢      4.2¢      4.1¢      0.0¢      9.0¢      0.0¢      3.9¢      12.9¢

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$369	\$2,136	\$2,136	\$0	\$4,641
% change	new	new	new	n/a	new

**LOCATION:**  
Mattawoman WWTP

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Sewer User</b> 55%	<b>Requested By:</b> PGM
<b>Mattawoman Infiltration and Inflow</b>	<b>Sewer Connection</b> 45%	<b>Project #:</b> 7074
<p>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.</p>		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$400	\$400	\$400	\$400	\$1,600	\$2,704	\$600	\$4,904
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	2,100	1,800	2,300	2,300	8,500	2,675	2,400	13,575
Equipment	0	0	0	0	0	0	0	0	0
Administration	37	37	37	37	37	185	71	45	301
Inspection	0	200	200	200	200	800	225	200	1,225
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$37</b>	<b>\$2,737</b>	<b>\$2,437</b>	<b>\$2,937</b>	<b>\$2,937</b>	<b>\$11,085</b>	<b>\$5,675</b>	<b>\$3,245</b>	<b>\$20,005</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$23	\$1,707	\$1,519	\$1,831	\$1,831	\$6,911	\$4,133	\$2,023	\$13,067
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$23</b>	<b>\$1,707</b>	<b>\$1,519</b>	<b>\$1,831</b>	<b>\$1,831</b>	<b>\$6,911</b>	<b>\$4,133</b>	<b>\$2,023</b>	<b>\$13,067</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 37.65%	14	1,030	918	1,106	1,106	4,174	1,542	1,222	6,938
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$37</b>	<b>\$2,737</b>	<b>\$2,437</b>	<b>\$2,937</b>	<b>\$2,937</b>	<b>\$11,085</b>	<b>\$5,675</b>	<b>\$3,245</b>	<b>\$20,005</b>

Operating Budget Impact									
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	2.1	153.5	136.6	164.7	456.9	371.7	318.6	1,147.2
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$2.1</b>	<b>\$153.5</b>	<b>\$136.6</b>	<b>\$164.7</b>	<b>\$456.9</b>	<b>\$371.7</b>	<b>\$318.6</b>	<b>\$1,147.2</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.1¢</b>	<b>3.9¢</b>	<b>3.4¢</b>	<b>4.0¢</b>	<b>11.4¢</b>	<b>10.1¢</b>	<b>7.7¢</b>	<b>29.2¢</b>

VARIANCE TO APPROVED PER FY12-FY16 CAPITAL					
	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$3,085	\$3,085	\$3,085	\$3,085	\$12,340
Increase/(Decrease)	(\$3,048)	(\$348)	(\$648)	(\$148)	(\$4,192)
% change	-98.8%	-11.3%	-21.0%	-4.8%	-34.0%

**LOCATION:**  
Mattawoman Sewer Service Area

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Mattawoman WWTP Automation</b>	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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$525	\$225	\$225	\$0	\$0	\$975	\$0	\$0	\$975
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	275	750	750	0	0	1,775	450	0	2,225
Equipment	0	0	0	0	0	0	1,214	0	1,214
Administration	19	23	23	0	0	65	16	0	81
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	1	0	1
Contingency	0	0	0	0	0	0	46	0	46
<b>Total Outlay</b>	<b>\$819</b>	<b>\$998</b>	<b>\$998</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,815</b>	<b>\$1,727</b>	<b>\$0</b>	<b>\$4,542</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$696	\$848	\$848	\$0	\$0	\$2,392	\$1,468	\$0	\$3,860
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	\$696	\$848	\$848	\$0	\$0	\$2,392	\$1,468	\$0	\$3,860
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	123	150	150	0	0	423	259	0	682
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$819</b>	<b>\$998</b>	<b>\$998</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,815</b>	<b>\$1,727</b>	<b>\$0</b>	<b>\$4,542</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	62.6	76.3	76.3	0.0	215.1	132.0	76.3	423.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$62.6</b>	<b>\$76.3</b>	<b>\$76.3</b>	<b>\$0.0</b>	<b>\$215.1</b>	<b>\$132.0</b>	<b>\$76.3</b>	<b>\$423.4</b>

<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>1.6¢</b>	<b>2.0¢</b>	<b>1.9¢</b>	<b>0.0¢</b>	<b>5.5¢</b>	<b>3.6¢</b>	<b>1.8¢</b>	<b>10.9¢</b>
------------------------------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	--------------

### VARIANCE TO APPROVED PER FY12-FY16 CAPITAL

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$285	\$460	\$460	\$460	\$1,665
Increase/(Decrease)	\$534	\$538	\$538	(\$460)	\$1,150
% change	187.4%	117.0%	117.0%	-100.0%	69.1%

<b>LOCATION:</b> Mattawoman WWTP
-------------------------------------

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Grit System Reconfiguration at MWWTP</b>	Sewer User 55%	Requested By: DPW
	Sewer Connection 45%	Project #: 7061
<p>To meet current peak capacity at MWWTP and to improve system hydraulics, the existing grit removal system needs to be upgraded with an additional 20 MGD unit. Recent evaluation and design of the grit system improvements has identified an increase in the construction cost.</p>		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$40	\$0	\$0	\$0	\$0	\$40	\$70	\$0	\$110
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	1,205	0	1,205
Equipment	0	0	0	0	0	0	0	0	0
Administration	9	0	0	0	0	9	31	0	40
Inspection	0	0	0	0	0	0	121	0	121
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$49</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$49</b>	<b>\$1,427</b>	<b>\$0</b>	<b>\$1,476</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$42	\$0	\$0	\$0	\$0	\$42	\$1,213	\$0	\$1,255
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$42</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$42</b>	<b>\$1,213</b>	<b>\$0</b>	<b>\$1,255</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	7	0	0	0	0	7	214	0	221
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$49</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$49</b>	<b>\$1,427</b>	<b>\$0</b>	<b>\$1,476</b>

Operating Budget Impact									
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>						
Debt Service: Bonds	0.0	3.8	0.0	0.0	0.0	3.8	109.1	0.0	112.9
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$3.8</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$3.8</b>	<b>\$109.1</b>	<b>\$0.0</b>	<b>\$112.9</b>

**Increase to Sewer User Fee:**      0.0¢      0.1¢      0.0¢      0.0¢      0.0¢      0.1¢      3.0¢      0.0¢      3.1¢

#### VARIANCE TO APPROVED PER FY12-FY16 CAPITAL

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$49	\$0	\$0	\$0	\$49
% change	new	n/a	n/a	n/a	new

**LOCATION:**  
Mattawoman WWTP

**APPROVED CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEAR 2013**

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Underground Concrete Rehab</b>	<b>Sewer User</b> 55% <b>Sewer Connection</b> 45%	<b>Requested By:</b> DPW <b>Project #:</b> 7096
To complete structural and drainage improvements as outlined in 2011 GHD study.		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$15	\$0	\$0	\$0	\$0	\$15	\$0	\$0	\$15
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	275	0	0	0	0	275	0	0	275
Equipment	0	0	0	0	0	0	0	0	0
Administration	13	0	0	0	0	13	0	0	13
Inspection	15	0	0	0	0	15	0	0	15
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$318</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$318</b>	<b>\$0</b>	<b>\$0</b>	<b>\$318</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$270	\$0	\$0	\$0	\$0	\$270	\$0	\$0	\$270
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>	<b>\$0</b>	<b>\$0</b>	<b>\$270</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	48	0	0	0	0	48	0	0	48
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$318</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$318</b>	<b>\$0</b>	<b>\$0</b>	<b>\$318</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	24.3	0.0	0.0	0.0	24.3	0.0	0.0	24.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$24.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$24.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$24.3</b>

**Increase to Sewer User Fee:** 0.0¢ 0.6¢ 0.0¢ 0.0¢ 0.0¢ 0.6¢ 0.0¢ 0.0¢ 0.6¢

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$318	\$0	\$0	\$0	\$318
% change	new	n/a	n/a	n/a	new

**LOCATION:**  
Mattawoman WWTP

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b>	Sewer User 100%	Requested By: DPW
<b>Pump Station Rehabs and Replacements</b>	Sewer Connection 0%	Project #: 7097

The wet wells at St. Marks and Wakefield pump stations are "telescoped-down" which makes them difficult and expensive to maintain. Reconfiguration will provide the ability to communicate with staff when entrance into the wet well is necessary and improve the performance and capacity of the pumps, while reducing the amount of confined space entry and manual labor.

The St. Mark's wastewater pumping station Variable Frequency Drives (VFD's) and Bubbler System are aging and in need of evaluation for replacement. The VFD parts are no longer readily available, making them increasingly difficult and expensive to repair. The drives experience a lot of run time and are nearing their equipment life expectancy. Additionally, the bubbler system is not functioning properly and is difficult to troubleshoot and calibrate.

The Strawberry Hills pumping station was constructed in the early 1980s and is in need of equipment overhaul & replacement.

Theodore Green Blvd. P.S. Improvements rehab needed due to age of pump station in order to address efficient operation of facility. Checkers PS relocation and replacement is needed to address SHA ROW conflicts. Improvements at Thomas Stone Pumping Station, Indian Head Manor Pumping Station, and Ryon Woods Pumping Station are needed due to age of station and to address operation efficiency.

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$150	\$145	\$125	\$134	\$134	\$688	\$0	\$134	\$822
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	375	975	525	675	675	3,225	0	675	3,900
Equipment	0	0	0	0	0	0	0	0	0
Administration	25	36	27	29	29	146	0	28	174
Inspection	120	55	53	68	68	364	0	68	432
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$670</b>	<b>\$1,211</b>	<b>\$730</b>	<b>\$906</b>	<b>\$906</b>	<b>\$4,423</b>	<b>\$0</b>	<b>\$905</b>	<b>\$5,328</b>

FINANCING SOURCES									
Bonds	\$670	\$1,211	\$730	\$906	\$906	\$4,423	\$0	\$905	\$5,328
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$670</b>	<b>\$1,211</b>	<b>\$730</b>	<b>\$906</b>	<b>\$906</b>	<b>\$4,423</b>	<b>\$0</b>	<b>\$905</b>	<b>\$5,328</b>
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
<b>Total Funding</b>	<b>\$670</b>	<b>\$1,211</b>	<b>\$730</b>	<b>\$906</b>	<b>\$906</b>	<b>\$4,423</b>	<b>\$0</b>	<b>\$905</b>	<b>\$5,328</b>

Operating Budget Impact									
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	60.3	108.9	65.7	81.5	316.3	0.0	147.1	463.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$60.3</b>	<b>\$108.9</b>	<b>\$65.7</b>	<b>\$81.5</b>	<b>\$316.3</b>	<b>\$0.0</b>	<b>\$147.1</b>	<b>\$463.4</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>2.9¢</b>	<b>5.1¢</b>	<b>3.0¢</b>	<b>3.6¢</b>	<b>14.6¢</b>	<b>0.0¢</b>	<b>6.4¢</b>	<b>21.0¢</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$129	\$1,041	\$0	\$0	\$1,170
Increase/(Decrease)	\$541	\$170	\$730	\$906	\$2,347
% change	419.4%	16.3%	new	new	200.6%

**LOCATION:**  
Various pumping stations countywide

**APPROVED CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEAR 2013**

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Satellite Wastewater Facility Upgrades</b>	<b>Sewer User</b> 100% <b>Sewer Connection</b> 0%	<b>Requested By:</b> DPW <b>Project #:</b> 7098
<p>To provide necessary upgrades to various satellite pumping station and treatment plant facilities. 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 PS, 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.</p>		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$60	\$60	\$30	\$0	\$0	\$150	\$0	\$0	\$150
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	150	250	375	275	275	1,325	0	0	1,325
Equipment	0	0	0	0	0	0	0	0	0
Administration	8	8	8	8	8	40	0	0	40
Inspection	0	15	15	15	15	60	0	0	60
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$218</b>	<b>\$333</b>	<b>\$428</b>	<b>\$298</b>	<b>\$298</b>	<b>\$1,575</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,575</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
Bonds	\$218	\$333	\$428	\$298	\$298	\$1,575	\$0	\$0	\$1,575
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	\$218	\$333	\$428	\$298	\$298	\$1,575	\$0	\$0	\$1,575
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
<b>Total Funding</b>	<b>\$218</b>	<b>\$333</b>	<b>\$428</b>	<b>\$298</b>	<b>\$298</b>	<b>\$1,575</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,575</b>

Operating Budget Impact									
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	19.6	30.0	38.5	26.8	114.9	0.0	38.5	153.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$19.6</b>	<b>\$30.0</b>	<b>\$38.5</b>	<b>\$26.8</b>	<b>\$114.9</b>	<b>\$0.0</b>	<b>\$38.5</b>	<b>\$153.3</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.9¢</b>	<b>1.4¢</b>	<b>1.8¢</b>	<b>1.2¢</b>	<b>5.3¢</b>	<b>0.0¢</b>	<b>1.7¢</b>	<b>7.0¢</b>

VARIANCE TO APPROVED PER FY12-FY16 CAPITAL					
	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$218	\$333	\$428	\$298	\$1,277
% change	new	new	new	new	new

**LOCATION:**  
Various Sites-see description

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Clarifier and Thickener Repairs</b>	Sewer User 55%	Requested By: DPW
	Sewer Connection 45%	Project #: 7093
Gravity Thickeners #1 & #2 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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$15	\$15	\$0	\$0	\$0	\$30	\$0	\$0	\$30
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	300	300	0	0	0	600	150	0	750
Equipment	0	0	0	0	0	0	0	0	0
Administration	15	15	0	0	0	30	3	0	33
Inspection	15	15	0	0	0	30	0	0	30
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$345</b>	<b>\$345</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$690</b>	<b>\$153</b>	<b>\$0</b>	<b>\$843</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$293	\$293	\$0	\$0	\$0	\$586	\$130	\$0	\$716
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$293</b>	<b>\$293</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$586</b>	<b>\$130</b>	<b>\$0</b>	<b>\$716</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	52	52	0	0	0	104	23	0	127
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$345</b>	<b>\$345</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$690</b>	<b>\$153</b>	<b>\$0</b>	<b>\$843</b>

Operating Budget Impact									
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	26.4	26.4	0.0	0.0	52.7	11.7	0.0	64.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$26.4</b>	<b>\$26.4</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$52.7</b>	<b>\$11.7</b>	<b>\$0.0</b>	<b>\$64.4</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.7¢</b>	<b>0.7¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>1.4¢</b>	<b>0.3¢</b>	<b>0.0¢</b>	<b>1.7¢</b>

VARIANCE TO APPROVED PER FY12-FY16 CAPITAL					
	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$305	\$305	\$0	\$0	\$610
Increase/(Decrease)	\$40	\$40	\$0	\$0	\$80
% change	13.1%	13.1%	n/a	n/a	13.1%

**LOCATION:**  
Mattawoman WWTP

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Cobb Island/Swan Point Interconnection</b>	Sewer User 50%	Requested By: DPW
	Sewer Connection 50%	Project #:
<p>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.</p>		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$275	\$0	\$0	\$0	\$275	\$0	\$0	\$275
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	1,250	0	0	1,250	0	0	1,250
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	19	24	0	0	43	0	0	43
Inspection	0	0	110	0	0	110	0	0	110
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$294</b>	<b>\$1,384</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,678</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,678</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$0	\$294	\$1,384	\$0	\$0	\$1,678	\$0	\$0	\$1,678
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$294</b>	<b>\$1,384</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,678</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,678</b>
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
<b>Total Funding</b>	<b>\$0</b>	<b>\$294</b>	<b>\$1,384</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,678</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,678</b>

Operating Budget Impact									
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	26.4	124.5	0.0	150.9	0.0	124.5	275.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$26.4</b>	<b>\$124.5</b>	<b>\$0.0</b>	<b>\$150.9</b>	<b>\$0.0</b>	<b>\$124.5</b>	<b>\$275.4</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.6¢</b>	<b>2.8¢</b>	<b>0.0¢</b>	<b>3.5¢</b>	<b>0.0¢</b>	<b>2.7¢</b>	<b>6.2¢</b>

VARIANCE TO APPROVED PER FY12-FY16 CAPITAL					
	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$279	\$1,382	\$0	\$0	\$1,661
Increase/(Decrease)	(\$279)	(\$1,088)	\$1,384	\$0	\$17
% change	-100.0%	-78.7%	new	n/a	1.0%

<b>LOCATION:</b> Cobb Island, MD
-------------------------------------

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Utility Water System</b> <b>Evaluation &amp; Improvement</b>	Sewer User 55% Sewer Connection 45%	Requested By: DPW Project #: 7073
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.		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$55	\$10	\$0	\$0	\$65	\$30	\$0	\$95
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	160	0	0	160	0	0	160
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	7	13	0	0	20	5	0	25
Inspection	0	0	15	0	0	15	0	0	15
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	14	0	14
<b>Total Outlay</b>	<b>\$0</b>	<b>\$62</b>	<b>\$198</b>	<b>\$0</b>	<b>\$0</b>	<b>\$260</b>	<b>\$49</b>	<b>\$0</b>	<b>\$309</b>

FINANCING SOURCES		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
							Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds		\$0	\$53	\$168	\$0	\$0	\$221	\$42	\$0	\$263
Fund Balance Appropriation		0	0	0	0	0	0	0	0	0
Operating Transfer		0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>		<b>\$0</b>	<b>\$53</b>	<b>\$168</b>	<b>\$0</b>	<b>\$0</b>	<b>\$221</b>	<b>\$42</b>	<b>\$0</b>	<b>\$263</b>
Federal		0	0	0	0	0	0	0	0	0
State		0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%		0	9	30	0	0	39	7	0	46
Other:		0	0	0	0	0	0	0	0	0
<b>Total Funding</b>		<b>\$0</b>	<b>\$62</b>	<b>\$198</b>	<b>\$0</b>	<b>\$0</b>	<b>\$260</b>	<b>\$49</b>	<b>\$0</b>	<b>\$309</b>

Operating Budget Impact		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
							Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel		0.00	0.00	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	0.0	0.0
Operating		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds		0.0	0.0	4.8	15.1	0.0	19.9	3.8	15.1	38.8
Vehicle & Equipment Lease		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$4.8</b>	<b>\$15.1</b>	<b>\$0.0</b>	<b>\$19.9</b>	<b>\$3.8</b>	<b>\$15.1</b>	<b>\$38.8</b>
<b>Increase to Sewer User Fee:</b>		<b>0.0¢</b>	<b>0.0¢</b>	<b>0.1¢</b>	<b>0.4¢</b>	<b>0.0¢</b>	<b>0.5¢</b>	<b>0.1¢</b>	<b>0.4¢</b>	<b>1.0¢</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$0	\$163	\$0	\$163
Increase/(Decrease)	\$0	\$62	\$35	\$0	\$97
% change	n/a	new	21.5%	n/a	59.5%

**LOCATION:**  
Mattawoman WWTP

**APPROVED CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEAR 2013**

(\$ in thousands)

<b>PROJECT NAME:</b> <b>MWWTP Biosolids Feasibility Study</b>	Sewer User 100% Sewer Connection 0%	Requested By: DPW Project #: 7099
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.		

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$93	\$125	\$0	\$0	\$0	\$218	\$0	\$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	7	10	0	0	0	17	0	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
<b>Total Outlay</b>	<b>\$100</b>	<b>\$135</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$235</b>	<b>\$0</b>	<b>\$0</b>	<b>\$235</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	85	115	0	0	0	200	0	0	200
<b>Total County Funding</b>	<b>\$85</b>	<b>\$115</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other: WSSC @ 15%	15	20	0	0	0	35	0	0	35
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$100</b>	<b>\$135</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$235</b>	<b>\$0</b>	<b>\$0</b>	<b>\$235</b>

Operating Budget Impact									
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	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	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>Increase to Sewer User Fee:</b>	<b>4.1¢</b>	<b>1.4¢</b>	<b>-5.4¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.2¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.2¢</b>

VARIANCE TO APPROVED PER FY12-FY16 CAPITAL					
	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$100	\$135	\$0	\$0	\$235
% change	new	new	n/a	n/a	new

<b>LOCATION:</b> Mattawoman WWTP
-------------------------------------

**APPROVED CAPITAL IMPROVEMENT PROGRAM**

**FISCAL YEAR 2013**

(\$ in thousands)

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

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$30	\$30	\$30	\$30	\$30	\$150	\$60	\$30	\$240
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	5	4	34
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	8	4	32
<b>Total Outlay</b>	<b>\$39</b>	<b>\$39</b>	<b>\$39</b>	<b>\$39</b>	<b>\$39</b>	<b>\$195</b>	<b>\$73</b>	<b>\$38</b>	<b>\$306</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$38	\$38
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	39	39	39	39	39	195	73	0	268
Total County Funding	\$39	\$39	\$39	\$39	\$39	\$195	\$73	\$38	\$306
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
<b>Total Funding</b>	<b>\$39</b>	<b>\$39</b>	<b>\$39</b>	<b>\$39</b>	<b>\$39</b>	<b>\$195</b>	<b>\$73</b>	<b>\$38</b>	<b>\$306</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>								
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.4
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$3.4</b>	<b>\$3.4</b>						
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>2.0¢</b>	<b>0.0¢</b>	<b>2.0¢</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$37	\$37	\$37	\$37	\$148
Increase/(Decrease)	\$2	\$2	\$2	\$2	\$8
% change	5.4%	5.4%	5.4%	5.4%	5.4%

<b>LOCATION:</b> County-wide
---------------------------------

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Clifton Pump Station #4</b>	Sewer User 100% Sewer Connection 0%	Requested By: DPW Project #:
<p>Clifton 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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$85	\$0	\$85	\$0	\$0	\$85
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	515	515	0	0	515
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	7	17	24	0	0	24
Inspection	0	0	0	0	45	45	0	0	45
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$92</b>	<b>\$577</b>	<b>\$669</b>	<b>\$0</b>	<b>\$0</b>	<b>\$669</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$0	\$0	\$0	\$92	\$577	\$669	\$0	\$0	\$669
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$92</b>	<b>\$577</b>	<b>\$669</b>	<b>\$0</b>	<b>\$0</b>	<b>\$669</b>
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
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$92</b>	<b>\$577</b>	<b>\$669</b>	<b>\$0</b>	<b>\$0</b>	<b>\$669</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	8.3	8.3	0.0	0.0	8.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$8.3</b>	<b>\$8.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$8.3</b>

Increase to Sewer User Fee:	0.0¢	0.0¢	0.0¢	0.0¢	0.4¢	0.4¢	0.0¢	0.0¢	0.4¢
-----------------------------	------	------	------	------	------	------	------	------	------

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$88	\$572	\$0	\$660
Increase/(Decrease)	\$0	(\$88)	(\$572)	\$92	(\$568)
% change	n/a	-100.0%	-100.0%	new	-86.1%

<b>LOCATION:</b> Clifton Pump Station
--

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>White Plains Failing Septic Sewer Improvements</b>	Sewer User Sewer Connection	0% 100%	Requested By: <b>PGM</b> Project #: <b>7080</b>
<p>The residences along Gateway Blvd. and Park Ave., commonly known as the Waldorf Manor Subdivision, located off Billingsley Road are experiencing failing septic. This project will construct a public sewer collection system that will replace the existing failing private septic systems for the single-family homes along Park Avenue and Gateway Boulevard in Waldorf, Maryland. Preliminary design efforts has determined that improvements to the existing Southwinds pumping stations as well as upgrading the proposed Dorchester outfall is warranted due to the additional flows from the Waldorf Manor subdivision. This project will also require upgrading the existing 6" forcemain from the pumping station to an 8" forcemain that will dump into the existing gravity sewer along St. Patrick's Drive that separates and flow to the Dorchester Outfall and the Lancaster Outfall. Both of these sewers are currently undersized and experiencing periods of surcharging and will require upgrades as well.</p>			

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$0	\$150
Land & ROW	42	0	0	0	0	42	40	0	82
Construction	325	0	0	0	0	325	875	0	1,200
Equipment	0	0	0	0	0	0	0	0	0
Administration	13	0	0	0	0	13	40	0	53
Inspection	30	0	0	0	0	30	94	0	124
Miscellaneous	0	0	0	0	0	0	64	0	64
Contingency	30	0	0	0	0	30	113	0	143
<b>Total Outlay</b>	<b>\$440</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$440</b>	<b>\$1,376</b>	<b>\$0</b>	<b>\$1,816</b>

FINANCING SOURCES									
Bonds	\$440	\$0	\$0	\$0	\$0	\$440	\$1,376	\$0	\$1,816
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$440</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$440</b>	<b>\$1,376</b>	<b>\$0</b>	<b>\$1,816</b>
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
<b>Total Funding</b>	<b>\$440</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$440</b>	<b>\$1,376</b>	<b>\$0</b>	<b>\$1,816</b>

Operating Budget Impact									
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	39.6	0.0	0.0	0.0	39.6	123.8	0.0	163.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$39.6</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$39.6</b>	<b>\$123.8</b>	<b>\$0.0</b>	<b>\$163.3</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

VARIANCE TO APPROVED PER FY12-FY16 CAPITAL					
	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$438	\$0	\$0	\$0	\$438
Increase/(Decrease)	\$2	\$0	\$0	\$0	\$2
% change	0.5%	n/a	n/a	n/a	0.5%

**LOCATION:**  
Located along the Piney Branch stream, West of MD. Rte. 301 & South side of MD Rte. 228.

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Mattawoman WWTP Berm Relocation</b>	Sewer User Sewer Connection	0% 100%	Requested By: <b>PGM</b> Project #: <b>7094</b>
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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	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	0	313	313	31	1,100	1,444
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	18	18	12	36	66
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	17	17	0	34	51
Contingency	0	0	0	0	24	24	31	110	165
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$372</b>	<b>\$372</b>	<b>\$589</b>	<b>\$1,280</b>	<b>\$2,241</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$0	\$0	\$0	\$0	\$372	\$372	\$589	\$1,280	\$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	\$0	\$372	\$372	\$589	\$1,280	\$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
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$372</b>	<b>\$372</b>	<b>\$589</b>	<b>\$1,280</b>	<b>\$2,241</b>

Operating Budget Impact									
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	53.0	115.1	168.1
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$53.0</b>	<b>\$115.1</b>	<b>\$168.1</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>

#### VARIANCE TO APPROVED PER FY12-FY16 CAPITAL

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$0	\$0	\$0	\$0
Increase/(Decrease)	\$0	\$0	\$0	\$0	\$0
% change	n/a	n/a	n/a	n/a	new

<b>LOCATION:</b> Mattawoman WWTP
-------------------------------------

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b>	Sewer User	0%	Requested By: PGM
<b>Upper Port Tobacco River Watershed Sewer Connection Study</b>	Sewer Connection	100%	Project #:
<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. 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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$200	\$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	0	3	0	0	0	3	0	0	3
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	20	0	0	0	20	0	0	20
<b>Total Outlay</b>	<b>\$0</b>	<b>\$223</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$223</b>	<b>\$0</b>	<b>\$0</b>	<b>\$223</b>

FINANCING SOURCES									
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	223	0	0	0	223	0	0	223
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$223</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$223</b>	<b>\$0</b>	<b>\$0</b>	<b>\$223</b>
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
<b>Total Funding</b>	<b>\$0</b>	<b>\$223</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$223</b>	<b>\$0</b>	<b>\$0</b>	<b>\$223</b>

Operating Budget Impact									
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>								
Debt Service: Bonds	0.0	0.0	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	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>								
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>								

VARIANCE TO APPROVED PER FY12-FY16 CAPITAL					
	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$220	\$0	\$0	\$220
Increase/(Decrease)	\$0	\$3	\$0	\$0	\$3
% change	n/a	1.4%	n/a	n/a	1.4%

<b>LOCATION:</b>
Port Tobacco, MD

## APPROVED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Benedict Central Sewer System</b>	Sewer User Sewer Connection	0% 100%	Requested By: <b>PGM</b> Project #: <b>7043</b>
Provide a central sewer collection, treatment and disposal system to serve 243 lots. Lots to be served via a low pressure effluent collection system with 100,000 gpd lagoon & spray irrigation field treatment system. Includes: Low pressure force main & effluent pumps/holding tanks and 100,000 gpd treatment system.			

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$453	\$0	\$453
Land & ROW	0	0	12	0	0	12	223	0	235
Construction	0	1,210	2,956	0	0	4,166	3,234	0	7,400
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	50	3	0	0	53	151	0	204
Inspection	0	121	90	0	0	211	323	0	534
Miscellaneous	0	170	0	0	0	170	379	0	549
Contingency	0	133	0	0	0	133	362	0	495
<b>Total Outlay</b>	<b>\$0</b>	<b>\$1,684</b>	<b>\$3,061</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,745</b>	<b>\$5,125</b>	<b>\$0</b>	<b>\$9,870</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds / Revolving Loan	\$0	\$1,684	\$3,061	\$0	\$0	\$4,745	\$2,826	\$0	\$7,571
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$1,684</b>	<b>\$3,061</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,745</b>	<b>\$2,826</b>	<b>\$0</b>	<b>\$7,571</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	400	0	400
Other: WSSC @ 15%	0	0	0	0	0	0	0	0	0
Other: Water Quality Loan	0	0	0	0	0	0	1,899	0	1,899
<b>Total Funding</b>	<b>\$0</b>	<b>\$1,684</b>	<b>\$3,061</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,745</b>	<b>\$5,125</b>	<b>\$0</b>	<b>\$9,870</b>

Operating Budget Impact									
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	0.0	0.0	18.2	18.7	36.9	0.0	36.4	73.3
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$18.2</b>	<b>\$18.7</b>	<b>\$36.9</b>	<b>\$0.0</b>	<b>\$36.4</b>	<b>\$73.3</b>
Debt Service: Bonds	0.0	0.0	151.5	275.3	0.0	426.8	254.2	275.3	956.3
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$151.5</b>	<b>\$293.5</b>	<b>\$18.7</b>	<b>\$463.7</b>	<b>\$254.2</b>	<b>\$311.7</b>	<b>\$1,029.6</b>
<b>Increase to Sewer User Fee:</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.0¢</b>	<b>0.8¢</b>	<b>0.8¢</b>	<b>1.7¢</b>	<b>0.0¢</b>	<b>1.6¢</b>	<b>3.3¢</b>

VARIANCE TO APPROVED PER FY12-FY16 CAPITAL					
	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$1,682	\$3,058	\$0	\$4,740
Increase/(Decrease)	\$0	\$2	\$3	\$0	\$5
% change	n/a	0.1%	0.1%	n/a	0.1%

**LOCATION:**  
Benedict in eastern Charles County.

# APPROVED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Hughesville Package Treatment Plant</b>	Sewer User 0% Sewer Connection 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 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	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	0	650	0	0	0	650	0	0	650
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	22	0	0	0	22	15	0	37
Inspection	0	65	0	0	0	65	0	0	65
Miscellaneous	0	33	0	0	0	33	30	0	63
Contingency	0	65	0	0	0	65	0	0	65
<b>Total Outlay</b>	<b>\$0</b>	<b>\$835</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$835</b>	<b>\$695</b>	<b>\$0</b>	<b>\$1,530</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$0	\$835	\$0	\$0	\$0	\$835	\$695	\$0	\$1,530
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$835</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$835</b>	<b>\$695</b>	<b>\$0</b>	<b>\$1,530</b>
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
<b>Total Funding</b>	<b>\$0</b>	<b>\$835</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$835</b>	<b>\$695</b>	<b>\$0</b>	<b>\$1,530</b>

Operating Budget Impact									
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	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	0.0	0.0
Operating	0.0	27.0	36.3	0.0	0.0	63.3	0.0	0.0	63.3
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$27.0</b>	<b>\$36.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$63.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$63.3</b>
Debt Service: Bonds	0.0	0.0	75.1	0.0	0.0	75.1	62.5	0.0	137.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$27.0</b>	<b>\$111.4</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$138.4</b>	<b>\$62.5</b>	<b>\$0.0</b>	<b>\$200.9</b>

**Increase to Sewer User Fee:**      0.0¢      1.3¢      1.7¢      0.0¢      0.0¢      3.0¢      0.0¢      0.0¢      3.0¢

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$833	\$0	\$0	\$833
Increase/(Decrease)	\$0	\$2	\$0	\$0	\$2
% change	n/a	0.2%	n/a	n/a	0.2%

**LOCATION:**  
Hughesville, MD