

ST. MARY'S COUNTY METROPOLITAN COMMISSION  
FINANCING CAPITAL IMPROVEMENTS

System Improvement Charges paid by all customers with an allocation on the water and/or sewer system:

- Residential Water Assessment: \$5.27/EDU/month
- Commercial Water Assessment: \$6.32/EDU/month
- Residential Sewer Assessment: \$8.75/EDU/month (no change)
- Commercial Sewer Assessment: \$10.50/EDU/month (no change)

Capital Contribution Charge due at time of connection – excluding connections to stand-alone systems:

- |                   |                |
|-------------------|----------------|
| Residential Water | \$774.91/edu   |
| Commercial Water  | \$929.89/edu   |
| Residential Sewer | \$1,744.78/edu |
| Commercial Sewer  | \$2,093.74/edu |

# St. Mary's County Metropolitan Commission

Capital Improvements Budget  
FY 2009-2013 Sewer

Project Name	Project ID	Prior Years					FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
<b>Replacement</b>													
Chancellors Run Rd Realignment	8-47-SW	\$ 2,563					\$ 50,000					\$ 52,563	
Evergreen Park	8-47-S	\$ 5,469	\$ 214,531									\$ 220,000	
Great Mills Rd Street Scape (Coral Dr to St Mary's Sq)	8-48-SW	\$ 2,600	\$ 38,961			\$ 1,289,439						\$ 1,331,000	
I & I Sewer Replacement & Upgrade (10yr)		\$ 8,448	\$ 100,000	\$ 100,000	\$ 100,000				\$ 100,000	\$ 100,000	\$ 100,000	\$ 608,448	
Navy Reverse Siphon replacement			\$ 50,000			\$ 210,000						\$ 260,000	
Pax Park Sewer Replace-Ph 1 (Countries 2A)	8-33-S	\$ 60,786	\$ 428,214			\$ 100,800						\$ 589,800	
Pax Park Sewer Replace Essex Drive	8081SR		\$ 230,019									\$ 230,019	
Pax Park Sewer PH 2						\$ 1,000,000						\$ 1,000,000	
Pax Park Sewer Replace-Ph 3						\$ 1,000,000						\$ 1,000,000	
Piney Point Sewer Rehab	5-9-S	\$ 4,649	\$ 95,351			\$ 95,000		\$ 805,000				\$ 1,000,000	
St. George's Island Line Repairs						\$ 200,000						\$ 200,000	
St. Georges Park Sewer Sys Improvements	5-9-S	\$ 5,738				\$ 18,262						\$ 24,000	
Manhole Rehabilitation						\$ 80,000	\$ 80,000	\$ 82,160	\$ 84,378	\$ 86,656	\$ 88,996	\$ 502,190	
Wildwood Manhole Rehabilitation						\$ 91,000						\$ 91,000	
Two Dry Pit Sub Pumps & Var Drive Con Forest Run WWLS						\$ 65,000						\$ 65,000	
Macerator for California Run WWLS						\$ 60,000						\$ 60,000	
Two Chopper Pumps for MT Digesters	Needs Proj #					\$ 75,000						\$ 75,000	
MTWRF Digester Repairs						\$ 100,000						\$ 100,000	
Contingencies						\$ 38,986	\$ 2,927,268	\$ 790,932	\$ 232,030	\$ 228,563	\$ 22,883	\$ 4,240,661	
<b>Subtotal</b>		<b>\$ 90,253</b>	<b>\$ 1,576,062</b>	<b>\$ 6,161,769</b>	<b>\$ 2,778,092</b>	<b>\$ 416,408</b>	<b>\$ 415,219</b>	<b>\$ 211,879</b>	<b>\$ 22,883</b>	<b>\$ 11,649,681</b>			
<b>Pump Stations</b>													
Great Mills P/S Upgrade	8081SS			\$ 120,000	\$ 285,000	\$ 570,000						\$ 975,000	
Jarboesville Run & P/S				\$ 100,000	\$ 2,745,000							\$ 2,845,000	
Piney Point P/S Expansion				\$ 150,000	\$ 350,000							\$ 500,000	
St. Georges Island Wetwell Emergency Rehabilitation				\$ 75,000								\$ 75,000	
Lex Park WWPS Replacement	8-30-S	\$ 140,269	\$ 928,515	\$ 378,500								\$ 1,447,284	
<b>Subtotal</b>		<b>\$ 140,269</b>	<b>\$ 928,515</b>	<b>\$ 823,500</b>	<b>\$ 3,380,000</b>	<b>\$ 570,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,842,284</b>			

# St. Mary's County Metropolitan Commission

Capital Improvements Budget  
FY 2009-2013 Sewer

Project Name	Project ID	Prior Years	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	Totals
<b>System Upgrades / Expansion</b>									
Andover Estates Sewer	5-7-S	\$ 45,819	\$ 624,312						\$ 670,131
Andover Rd/Rte 249 Sewer	5-6-S	\$ 331,406	\$ 215,169						\$ 546,575
Buck Hewitt/Rue Purchase Gravity Sewer Extension		\$ 317,000							\$ 317,000
5th & 8th Dist. Facilities Plan	8-45-W	\$ 50,725	\$ 201,585						\$ 252,310
Holly Gaf (Phase III)				\$ 200,000	\$ 800,000				\$ 1,000,000
Hollywood (Phase II)	8-35-S			\$ 320,000	\$ 1,280,000				\$ 1,600,000
MetCom Maint Facility		\$ 50,000			\$ 650,000				\$ 700,000
MTWRF ENR & Expansion & Trickling Filters	8-38-S			\$ 40,000,000					\$ 40,000,000
Navy Re-Use				\$ 100,000	\$ 2,800,000				\$ 2,900,000
Navy System Upgrade					\$ 2,818,300				\$ 2,818,300
New Market/Charlotte Hall Sewer Ext.						\$ 3,325,000			\$ 3,325,000
Oliver Drive		\$ 244,000							\$ 244,000
Hermanville Foremain		\$ 50,000		\$ 2,135,000					\$ 2,185,000
SCS Plant & System Expansion	2-11-S	\$ 13,400		\$ 166,000	\$ 1,620,000				\$ 1,799,400
Twin Pond/Broad Creek (Phase I)		\$ 31,034	\$ 15,644						\$ 46,678
SCADA System		\$ 75,000		\$ 75,000					\$ 150,000
Grinder Pumps			\$ 75,000		\$ 164,800				\$ 239,800
Engineering Specifications	808SWS		\$ 47,440				\$ 174,836	\$ 180,081	\$ 47,440
<b>Subtotal</b>		<b>\$ 472,384</b>	<b>\$ 1,840,150</b>	<b>\$ 43,156,000</b>	<b>\$ 7,389,800</b>	<b>\$ 2,988,044</b>	<b>\$ 3,499,836</b>	<b>\$ 180,081</b>	<b>\$ 59,526,295</b>
<b>Total</b>		<b>\$ 702,906</b>	<b>\$ 4,344,727</b>	<b>\$ 50,141,269</b>	<b>\$ 13,547,892</b>	<b>\$ 3,974,452</b>	<b>\$ 3,915,055</b>	<b>\$ 391,960</b>	<b>\$ 77,018,260</b>

Approved this 12th day of June 2008 by the  
St. Mary's County Metropolitan Commission

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Frank E. Taylor, Chairman

# St. Mary's County Metropolitan Commission

## Fund Source FY 2009-2013 Sewer

	FY2009	FY2010	FY2011	FY2012	FY2013
<b>Grant</b>	\$ 14,486,983	\$ -	\$ -	\$ -	\$ -
<b>Navy</b>	\$ 8,496,000	\$ -	\$ 2,983,035	\$ -	\$ -
<b>Loan Draws</b>	\$ 26,645,062	\$ 13,099,770	\$ 605,340	\$ 3,531,150	\$ (0)
<b>Direct Pay</b>	\$ 513,224	\$ 448,122	\$ 376,078	\$ 383,905	\$ 391,960
<b>Total</b>	\$ 50,141,269	\$ 13,547,892	\$ 3,974,452	\$ 3,915,055	\$ 391,960

<b>Sewer</b>	
<b>Use of Funds</b>	
Annual Debt Service	\$ 2,465,149
Direct Pay	592,874
Projected Shortfall/Overage	(297,591)
<b>Total Required</b>	<b>\$ 2,760,433</b>
	<b>\$ 3,918,434</b>
	<b>\$ 4,301,122</b>
	<b>\$ 4,454,481</b>
	<b>\$ 4,479,570</b>

<b>Source of Funds</b>	
Estimated Capital Contribution	\$ 471,092
Estimated System Improvement Charge	1,789,341
Reserves	500,000
<b>Total</b>	<b>\$ 2,760,433</b>
	<b>\$ 3,918,434</b>
	<b>\$ 4,301,122</b>
	<b>\$ 4,454,481</b>
	<b>\$ 4,479,570</b>

St. Mary's County Metropolitan Commission  
Capital Improvements Budget

FY 2009 - 2013 Water

Project Name	Prior Yrs	FY 2008 EST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TOTAL
Water Lines								
Chancellor's Run Rd Line P	\$ 3,356	\$ 853,601	\$ 2,209,002	\$ 1,325,401				\$ 4,421,360
Great Mills Rd Streetscape	\$ 2,383	\$ 38,744	\$ 1,181,873					\$ 1,223,000
Great Mills Rd Water Line - Meadowlake Ln	\$ 67,835	\$ 323,165						\$ 391,000
Hollywood System: Phase 1 Hodges to Hollywood system			\$ 104,100					\$ 104,100
Hollywood System: Phase 2 Hollywood to Broad Creek			\$ 258,000					\$ 258,000
Pax Park Water Main Rep	\$ 10,562	\$ 386,438	\$ 258,000					\$ 397,000
Pax Park Water Main Rep Phase 2			\$ 1,000,000					\$ 1,000,000
Pax Park Water Main Rep. Ph. 3				\$ 1,000,000				\$ 1,000,000
Piney Point Water Line Replacement					\$ 520,000			\$ 520,000
St. Clements Shores Water Line Replacement					\$ 845,000			\$ 845,000
Town Creek Upgrades			\$ 75,000	\$ 712,000				\$ 787,000
<b>Subtotal</b>	<b>\$ 84,136</b>	<b>\$ 1,631,948</b>	<b>\$ 5,085,975</b>	<b>\$ 3,037,401</b>	<b>\$ 1,365,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 11,204,460</b>

Project Name	Prior Yrs	FY 2008 EST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TOTAL
Wells								
Charlotte Hall Well (300-500 GPM)			\$ 650,000					\$ 650,000
Country Lakes			\$ 320,000					\$ 320,000
Fenwick Manor Well		\$ 30,000	\$ 529,000					\$ 559,000
Great Mills Well			\$ 357,500					\$ 357,500
Hickory Hills Well 600 GPM		\$ 600,000						\$ 600,000
Holland Forrest Well - arsenic remediation		\$ 20,000	\$ 266,000					\$ 286,000
Hollywood Well @ Broad Creek		\$ 50,000	\$ 210,000					\$ 260,000
Laurel Ridge		\$ 200,000						\$ 200,000
Piney Point - Back-up Well		\$ 50,000	\$ 200,000					\$ 250,000
St. Clement Shores - Back-up Wells		\$ 150,000						\$ 150,000
<b>Subtotal</b>	<b>\$ -</b>	<b>\$ 1,100,000</b>	<b>\$ 2,532,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,632,500</b>

St. Mary's County Metropolitan Commission  
Capital Improvements Budget

FY 2009 - 2013 Water

Project Name	Prior Yrs	FY 2008 EST	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TOTAL
<b>Water Storage Tanks (WST)</b>								
Bay Ridge WST	\$	850,000						\$ 850,000
Broad Creek			200,000					\$ 200,000
Charlotte Hall WST			975,000					\$ 975,000
Great Mills Tank Ext			455,000					\$ 455,000
Greenbrier			715,000					\$ 715,000
Hickory Hills Raising & Painting	\$	600,000						\$ 600,000
King & Kennedy Sys Imp			35,000	900,000				\$ 935,000
Willows Road			100,000	1,200,000				\$ 1,300,000
Piney Point			50,000	750,000				\$ 800,000
St Clements Shores				500,000				\$ 500,000
Victory Housing WST			350,000					\$ 350,000
Wildewood Tank			125,000	125,000	125,000			\$ 375,000
Tank Painting							125,000	\$ 125,000
<b>Subtotal</b>	<b>\$ -</b>	<b>\$ 1,450,000</b>	<b>\$ 3,005,000</b>	<b>\$ 3,475,000</b>	<b>\$ 925,000</b>	<b>\$ 125,000</b>	<b>\$ 125,000</b>	<b>\$ 9,105,000</b>

<b>Water Storage Tank Boosters</b>								
Great Mills WST Booster				195,000				\$ 195,000

Misc	8-45-W	8-46-W	8-40-W	Radio Read Water Meters PH 1	Radio Read Water Meters PH 2	MetCom Maint. Fac.	SCADA System	Standby Generator WPS	Engineering Specifications	806SWS	Navy System Upgrade	Contingencies
5th & 8th Dist. Facility Plan	\$ 50,725	\$ 201,585				\$ 50,000	\$ 75,000	\$ 50,100	\$ 47,440			
Arsenic Removal	\$ 681,189	\$ 160,811	\$ 13,505									
Co wide Water Meter Repld	\$ 132,472	\$ 13,505										
Radio Read Water Meters PH 1				\$ 2,500,000								
Radio Read Water Meters PH 2						\$ 650,000						
MetCom Maint. Fac.						\$ 75,000						
SCADA System						\$ 50,100						
Standby Generator WPS						\$ 50,100						
Engineering Specifications									\$ 750,000			
Navy System Upgrade									\$ 295,508			
Contingencies									\$ 13,133			
<b>Subtotal</b>	<b>\$ 864,386</b>	<b>\$ 756,970</b>	<b>\$ 931,243</b>	<b>\$ 4,023,788</b>	<b>\$ 1,945,608</b>	<b>\$ 63,233</b>	<b>\$ 63,233</b>	<b>\$ 63,233</b>	<b>\$ 188,233</b>	<b>\$ 188,233</b>	<b>\$ 188,233</b>	<b>\$ 32,785,421</b>

<b>Totals</b>	<b>\$ 948,522</b>	<b>\$ 4,938,918</b>	<b>\$ 11,554,718</b>	<b>\$ 10,731,189</b>	<b>\$ 4,235,608</b>	<b>\$ 188,233</b>	<b>\$ 188,233</b>	<b>\$ 188,233</b>	<b>\$ 32,785,421</b>
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Approved this 12th day of June 2008 by the  
St. Mary's County Metropolitan Commission

Frank E. Taylor, Chairman

# St. Mary's County Metropolitan Commission

Fund Source  
FY 2009-2013  
Water

	FY2009	FY2010	FY2011	FY2012	FY2013
Grant	\$ -	\$ -	\$ -	\$ -	\$ -
Navy	\$ -	\$ -	\$ 806,250	\$ -	\$ -
Loan Draws	\$ 11,420,235	\$ 10,596,706	\$ 3,375,500	\$ 134,375	\$ 134,375
Direct Pay	\$ 134,483	\$ 134,483	\$ 53,858	\$ 53,858	\$ 53,858
<b>Total</b>	<b>\$ 11,554,718</b>	<b>\$ 10,731,189</b>	<b>\$ 4,235,608</b>	<b>\$ 188,233</b>	<b>\$ 188,233</b>

## WATER

<b>Use of Funds</b>					
Annual Debt Service	\$ 1,483,278	\$ 2,103,789	\$ 2,528,940	\$ 2,655,513	\$ 2,667,285
Direct Pay	134,483	134,483	53,858	53,858	53,858
Projected Shortfall/Overage	265,353	-	-	-	-
<b>Total Required</b>	<b>\$ 1,883,114</b>	<b>\$ 2,238,271</b>	<b>\$ 2,582,797</b>	<b>\$ 2,709,371</b>	<b>\$ 2,721,142</b>

## Source of Funds

Capital Contribution	\$ 206,125	\$ 440,190	\$ 508,480	\$ 559,687	\$ 609,333
System Improvement Charge	1,351,988	1,648,081	1,924,317	2,049,684	2,061,809
Reserves Used for Loan Payments	325,000	150,000	150,000	100,000	50,000
<b>Total</b>	<b>\$ 1,883,114</b>	<b>\$ 2,238,271</b>	<b>\$ 2,582,797</b>	<b>\$ 2,709,371</b>	<b>\$ 2,721,142</b>

# St. Mary's County Metropolitan Commission

## System Improvement Costs Recovered Through Uniform EDU-Based Assessment on all Customers

Levelized assessments are based on five years of annual calculations

	FY08	FY09	FY10	FY11	FY12	FY13
<b>WATER</b>						
Amortized Cost of:						
Existing System Improvements (C1)	\$ 433,111	\$ 846,042	\$ 844,629	\$ 846,299	\$ 847,809	\$ 846,922
New System Improvements (C2)	60,882	237,961	668,970	1,024,160	1,148,017	1,161,030
Direct Pay (D) less grants & navy	274,665	134,483	134,483	53,858	53,858	53,858
Projected System Improvement Shortfall (Overage)		133,503				
System Improvement Costs	\$ 768,658	\$ 1,351,988	\$ 1,648,081	\$ 1,924,317	\$ 2,049,684	\$ 2,061,809
Other Metcom Funds						
Water Supply & Storage - Projected	\$ 2,575,347					
Interest income	77,260					
Applied to System Improvement Cost	274,665					
Net System Improvement Cost	\$ 493,993	\$ 1,351,988	\$ 1,648,081	\$ 1,924,317	\$ 2,049,684	\$ 2,061,809
Projected EDUs (incl. unserved)						
Water only	4,599	4,230	4,274	4,317	4,360	4,403
Water/Sewer	15,182	17,134	17,622	18,110	18,598	19,086
Total EDUs	19,781	21,364	21,895	22,427	22,958	23,489
Calculated amounts						
Assessment (\$/mo/EDU)	\$ 2.08	\$ 5.27	\$ 6.27	\$ 7.15	\$ 7.44	\$ 7.31
Levelized assessment (\$/mo/EDU)	\$ 2.80	\$ 6.64	\$ 7.01	\$ 7.14		
Proposed Rate		\$ 5.27				
Percentage Increase		88%				
<b>SEWER</b>						
Amortized Cost of:						
Existing System Improvements (C1)	\$ 1,527,305	\$ 1,592,803	\$ 1,595,346	\$ 1,591,000	\$ 1,588,680	\$ 1,481,248
New System Improvements (C2)	9,170	458,199	999,376	1,110,696	1,121,377	1,121,377
Direct Pay (D) less grants & navy	770,276	592,874	448,122	376,078	383,905	391,960
Projected System Improvement Shortfall (Overage)						
System Improvement Costs	\$ 2,306,751	\$ 2,643,877	\$ 3,042,843	\$ 3,077,774	\$ 3,093,962	\$ 2,994,585
Other Metcom Funds						
Sewer Reserves - Projected	\$ 2,421,093	\$ 3,528,677	\$ 3,144,840	\$ 2,639,186	\$ 2,118,361	\$ 1,581,912
Interest income	72,633	105,860	94,345	79,176	63,551	47,457
Applied to System Improvement Cost	770,276	489,697	600,000	600,000	600,000	400,000
Net System Improvement Cost	\$ 1,536,475	\$ 2,154,180	\$ 2,442,843	\$ 2,477,774	\$ 2,493,962	\$ 2,594,585
Projected EDUs (incl. unserved)						
Sewer only	3,121	3,383	3,434	3,485	3,537	3,588
Water/Sewer	15,182	17,134	17,622	18,110	18,598	19,086
Total EDUs	18,303	20,516	21,056	21,595	22,135	22,674
Calculated amounts						
Assessment (\$/mo/EDU)	\$ 7.00	\$ 8.75	\$ 9.67	\$ 9.56	\$ 9.39	\$ 9.54
Levelized assessment (\$/mo/EDU)	\$ 8.75	\$ 9.37	\$ 9.38	\$ 9.15		
Proposed Rate		\$ 8.75				
Percentage Increase		0%				
Commercial	155925	216216	224910	244542	0	0
	155925	216216	224910	244542	0	0

discount rate = 5.00%

Interest rate on fund balances = 2.50%

## Capital Contribution to Recover Cost of Capacity Expansion and Service Area Expansion

Included Costs: A1 loans for service area expansion issued after implementation of uniform debt service, A2 planned service area expansion, B1 capacity not already allocated as of implementation date, B2 planned capacity expansion

### Customers Connected in FY09

	FY08	FY09	FY10	FY11	FY12	FY13
<b>WATER</b>						
Debt Service for:						
Service Area Expansion (A1) After Issue 21		\$ 117,763	\$ 117,609	\$ 117,679	\$ 118,287	\$ 118,048
New Service Area Expansion (A2)	3,448	16,334	35,632	38,597	38,597	38,597
Existing non-allocated Capacity (B1)	31,825	155,800	155,656	155,721	156,319	156,205
New Capacity Expansion (B2)	1,790	109,378	281,292	346,483	346,483	346,483
Projected Capital Contribution Shortfall (Overage)		131,850				
Total Amortized Cost	\$ 37,063	\$ 531,125	\$ 590,190	\$ 658,480	\$ 659,687	\$ 659,333
Other MetCom Funds						
Water Supply & Storage Fees		\$ 1,690,344	\$ 1,407,603	\$ 1,292,793	\$ 1,175,113	\$ 1,104,491
Interest Income		42,259	35,190	32,320	29,378	27,612
Applied to Capital Contribution Charge		325,000	\$ 150,000	\$ 150,000	\$ 100,000	\$ 50,000
Net Capital Contribution Costs		\$ 206,125	\$ 440,190	\$ 508,480	\$ 559,687	\$ 609,333
Projected New EDUs (incl. unserved)						
Water only	71	22	43	43	43	43
Water/Sewer	284	244	488	488	488	488
Total Water EDUs	355	266	531	531	531	531
Calculated amounts						
Capital Contribution (\$/EDU)	\$ 104.40	\$ 774.91	\$ 828.57	\$ 957.11	\$ 1,053.49	\$ 1,146.94
Levelized Capital Contribution (\$/EDU)	\$ 702.61	\$ 942.77				
Proposed Rate		\$ 774.91				
Percentage Increase		10%				
<b>SEWER</b>						
Debt Service for:						
Service Area Expansion (A1) After Issue 21		\$ 70,288	\$ 68,686	\$ 68,702	\$ 68,865	\$ 68,803
New Service Area Expansion (A2)	709	133,819	452,900	665,623	727,927	790,231
Existing non-allocated Capacity (B1)	144,313	178,447	179,108	177,478	179,198	179,117
New Capacity Expansion (B2)	3,244	31,593	174,897	311,545	384,529	446,833
Projected Capital Contribution Shortfall (Overage)		56,945				
Total Amortized Cost	\$ 148,266	\$ 471,092	\$ 875,590	\$ 1,223,348	\$ 1,360,519	\$ 1,484,985
Projected New EDUs (incl. unserved)						
Sewer only	83	26	51	51	51	51
Water/Sewer	284	244	488	488	488	488
Total Sewer EDUs	367	270	539	539	539	539
Calculated amounts						
Capital Contribution (\$/EDU)	\$ 404.44	\$ 1,744.78	\$ 1,622.97	\$ 2,267.56	\$ 2,521.82	\$ 2,752.52
Levelized Capital Contribution (\$/EDU)	\$ 1,491.51	\$ 2,153.60				
Proposed Rate		\$ 1,744.78				
Percentage Increase		17%				

Note: In FY 09 it is estimated that 1/2 of the new customers will be exempt based on PWA's prior to 10/1/07.