



Notice of Public Hearing

St. Mary's County Comprehensive Water and Sewerage Plan 2017 Update

NOTICE IS HEREBY GIVEN that the St. Mary's County Planning Commission will conduct a public hearing in the Commissioners' Hearing Room of the Chesapeake Building, located at 41770 Baldrige Street, Leonardtown, Maryland, on Monday, July 9, 2018, beginning at 6:30 p.m., for the purpose of receiving public testimony on proposed amendments to the St. Mary's County Comprehensive Water and Sewerage Plan (CWSP). Amendments to be considered include the following:

- 1) As required by Chapter 113 of the St. Mary's County Code, incorporate the approved Capital Improvement Budget of the St. Mary's County Metropolitan Commission for FY2018-2023 into Tables 3-4 and 4-5 of the CWSP.
- 2) Update Table 3-2 Inventory of Existing Community (Water) System Appropriations.
- 3) Insert text regarding arsenic levels into Chapter 3.

Note that as a result of the evidence and comments made at the public hearing, changes may be made to the proposed amendments.

Copies of the proposed amendments are available for viewing at the St. Mary's County Department of Land Use and Growth Management, 23150 Leonard Hall Drive, Leonardtown, Maryland, and at www.stmarysmd.com.

William Hunt, Director
St. Mary's County Department of Land Use and Growth Management
(301) 475-4200 ext. *1500

To be published as a legal notice in the *Enterprise* on June 20, 2018 & June 27, 2018.



William Hunt, Director

PUBLIC HEARING STAFF REPORT

To: Planning Commission
From: Kathleen Easley, Senior Planner
Date: June 12, 2018
Hearing Date: July 9, 2018

Re: Comprehensive Water and Sewerage Plan (CWSP) 2017 Update

Chapter 113 of the St. Mary's County Code was amended in 2011 to require the St. Mary's County Comprehensive Water and Sewerage Plan (CWSP) be amended annually to incorporate the approved Capital Improvement Budget (CIB) of the St. Mary's County Metropolitan Commission (MetCom). The FY2018-2023 CIB, as amended, is proposed to be incorporated into Tables 3-4 and 4-5 of the CWSP. In addition, to address comments from the Maryland Department, Table 3-2 regarding water appropriation permits is proposed to be updated and arsenic remediation language is to be added to Chapter 3.

A public hearing is scheduled for July 9, 2018, beginning at 6:30 p.m. to receive public testimony and consider a proposed resolution to amend the CWSP per attachments 1 through 3 of this report.

Attachments:

1. Revised Table 3-4 MetCom FY2018-2023 CIB (Water) page III-24 in CWSP
2. Revised Table 4-5 MetCom FY2018-2023 CIB (Sewer) page IV-23 in CWSP
3. Revised Table 3-2 Inventory of Existing Community (Water) System Appropriations pages III-21 to III-22 in CWSP
4. Text amendment regarding arsenic remediation to be inserted in Chapter 3.

Note that as a result of the evidence and comments made at the public hearing, changes may be made to the proposed amendments.

Action requested of the Planning Commission:

1. Conduct a public hearing.
2. Forward a recommendation to the Commissioners of St. Mary's County.

SAMPLE MOTION: In the matter of the Comprehensive Water and Sewerage Plan (CWSP) 2017 Update: having accepted the public hearing staff report dated June 12, 2018, and having held a public hearing on proposed amendments to the CWSP, and having made findings of adequacy with respect to the objectives and policies of the CWSP as required by the Environment Article of the Maryland Annotated Code, and of the St. Mary's County Code, and of consistency with the St. Mary's County Comprehensive Plan, I move that the Planning Commission adopt a resolution to approve and recommend to the Commissioners of St. Mary's County that the CWSP 2017 Update be adopted and that the CWSP be amended to incorporate the revised tables and text of Attachments 1-4 of said public hearing staff report; I further move that the Chair be authorized to sign the resolution on behalf of the Planning Commission and transmit it to the Commissioners of St. Mary's County.

Attachment 1

Table 3-4 St. Marys County Metropolitan Commission Capital Improvement Budget
 FY 18-23 (Water)

Project Name	Status	Project ID	Prior Approved	FY 2018	FY 2019	FY 2020	FY2021	FY2022	FY2023	TOTAL
Water Lines										
Patuxent Park Water Main Replacement Phase 3	4	8122WR	\$2,384,360							\$2,384,360
FDR Blvd WM Ph. 1B (1st Colony/Old Rolling Rd)	4	8151WM	\$631,300 ^A							\$631,300
Piney Point Water System	3	5111WR	\$2,665,000							\$2,665,000
Patuxent Park Water Main Replacement Phase 4	2	8161WR	\$2,231,500							\$2,231,500
FDR Blvd WM Ph. 1 Amber Drive (County Phase 1A)	4	8171WM	\$384,750							\$384,750
FDR Blvd WM Ph. 1C (Old Rolling Road to Kinnegad Drive)	3	8172WM	\$743,850							\$743,850
Shangri-La Dr. & S. Essex Dr. Water Main Replacement	2	8171WR	\$185,000				\$2,153,096 ^{B,I}			\$2,338,096
FDR Blvd WM Ph. 3 (MD237 to Pegg Road)	1	8173WM	\$176,400		\$1,755,736 ^{C,I}	\$1,704,080 ^{C,I}				\$3,636,216
Southampton Water System Rehabilitation	1				\$267,000 ^I		\$1,629,205 ^I		\$1,409,742 ^I	\$3,305,947
St. Clements Shores Water System Replacement	3	2101WR	\$5,498,000			\$3,508,500				\$9,006,500
Breton Bay Water System Replacement	1				\$300,000 ^{E,I}			\$3,235,650 ^{F,I}		\$3,535,650
Town Creek Water System Phase 1 - 3	2	8081WR	\$595,000	\$2,749,500			\$2,639,500 ^B		\$410,075 ^D	\$6,394,075
Hollywood Water Systems Connector & PH 2 Replacement	1	8141WM						\$141,894 ^G		\$141,894
Water Main Connection Crossing MD 5 - Charlotte Hall	1								\$575,550 ^H	\$575,550
Water Lines Subtotal =			\$15,495,160	\$2,749,500	\$2,322,736	\$5,212,580	\$6,421,801	\$3,377,544	\$2,395,367	\$37,974,688
Difference from FY 2017 CIB			-\$1,388,477	-\$2,630,500	-\$3,808,814	\$2,573,080	\$2,025,634	\$377,544	\$2,395,367	-\$456,166

Status:

- 1 Planning Phase
- 2 Design Phase
- 3 Contract Phase
- 4 Construction Phase
- 5 Close-out Phase

- A) Reduced from \$1,509,300; actual bid pricing
- B) Project(s) moved from FY2020 to FY2021
- C) Project phased based on DPW&T's project
- D) Project moved from FY2022 to FY2023 Design & Out Years Construction
- E) Project added based on multiple breaks/repairs in aging system; estimated design budget
- F) Project added based on multiple breaks/repairs in aging system; phasing updated
- G) Moved from FY2019 to FY2022
- H) Moved from FY2019 to FY2023
- I) Amount based on updated cost estimate completed by consultant engineer

Project Name	Status	Project ID	Prior Approved	FY 2018	FY 2019	FY 2020	FY2021	FY2022	FY2023	TOTAL
Wells										
Charlotte Hall Well	4	0091WL	\$559,500 ^A							\$559,500
Hollywood Well at Broad Creek	4	8092WL	\$724,500 ^B							\$724,500
Hickory Hills Well	2	8081WL	\$997,000							\$997,000
Bay Ridge Well Replacement and Upgrade	1	8091WL	\$175,160				\$1,873,692 ^{C,H}			\$2,048,852
Well Subtotal =			\$2,456,160	\$0	\$0	\$0	\$1,873,692	\$0	\$0	\$4,329,852
Difference from FY 2017 CIB			-\$700,000	-\$2,062,800	\$0	\$0	\$1,873,692	\$0	\$0	-\$889,108

Water Storage Tanks (WST)										
Charlotte Hall WST	4	0091WT	\$3,107,800							\$3,107,800
Hollywood/Broad Creek WST	4	8092WT	\$3,486,500							\$3,486,500
Hickory Hills WST	2	8081WT	\$6,297,977							\$6,297,977
Bay Ridge WST (Concept Design)	2	8082WT	\$126,000							\$126,000
Greenbrier WST	1	8161WT	\$200,000		\$554,233 ^{D,H}					\$754,233
St. Clements Shores WST	1				\$225,000 ^{E,H}		\$1,954,000 ^{F,H}			\$2,179,000
Water Tank Inspections, Painting and Replacement	4	WO1717	\$774,900	\$623,700		\$623,700 ^G		\$623,700 ^G		\$2,646,000
Water Storage Tanks (WST) Subtotal =			\$13,993,177	\$623,700	\$779,233	\$623,700	\$1,954,000	\$623,700	\$0	\$18,597,510
Difference from FY 2017 CIB			\$0	-\$1,510,000	-\$1,079,467	\$0	\$1,954,000	\$623,700	\$0	-\$11,767

Status:

- 1 Planning Phase
- 2 Design Phase
- 3 Contract Phase
- 4 Construction Phase
- 5 Close-out Phase

- A) Reduced from \$809,500; actual bid pricing
- B) Reduced from \$1,174,500; actual bid pricing
- C) Moved from FY2018 to FY2021
- D) Project did not make the MDE Funding list; therefore, moved from FY2018 to FY2019
- E) Moved from FY2018 to FY2019
- F) Moved from FY2019 to FY2021
- G) Phasing updated
- H) Amount based on updated cost estimate completed by consultant engineer

Project Name	Status	Project ID	Prior Approved	FY 2018	FY 2019	FY 2020	FY2021	FY2022	FY2023	TOTAL
Miscellaneous										
Radio Read Water Meters Project Phases 1 & 2	5	WO1112	\$8,300,000							\$8,300,000
Exterior Petty Building Upgrades	2	8131BD	\$460,000							\$460,000
Oversize Meter Project Phase 2	4	8121MW	\$293,000							\$293,000
Asset Management Software Upgrade (220,430 capitalized)	4	SW1201	\$297,500							\$297,500
Miscellaneous Water Line and Saddle Replacement	2	8172WR	\$150,000							\$150,000
Facilities Condition Assessment	1			\$365,700 ^{A,H}						\$365,700
Automatic Meter Reading (AMR) Upgrades	1			\$212,500 ^B						\$212,500
SCADA Safety and Security Upgrade	1			\$125,000 ^C						\$125,000
Financial Software Upgrade	1			\$160,000 ^D						\$160,000
King Kennedy Well & Ground Storage Tank Improvements	2	3-1-W	\$757,310		\$975,190 ^E					\$1,732,500
Piney Point Water Station Upgrades	1		\$250,000	\$36,433 ^{F,H}	\$394,025 ^{F,H}					\$680,458
Industrial Park Water Station Upgrades	1				\$236,250 ^G					\$236,250
Miscellaneous Subtotal =			\$10,507,810	\$899,633	\$1,605,465	\$0	\$0	\$0	\$0	\$13,012,908
Difference from FY 2017 CIB			-\$1,176,190	\$774,633	\$1,605,465	\$0	\$0	\$0	\$0	\$1,203,908

Totals										
Water Lines			\$15,495,160	\$2,749,500	\$2,322,736	\$5,212,580	\$6,421,801	\$3,377,544	\$2,395,367	\$37,974,688
Wells			\$2,456,160	\$0	\$0	\$0	\$1,873,692	\$0	\$0	\$4,329,852
Water Storage Tanks (WST)			\$13,993,177	\$623,700	\$779,233	\$623,700	\$1,954,000	\$623,700	\$0	\$18,597,510
Miscellaneous			\$10,507,810	\$899,633	\$1,605,465	\$0	\$0	\$0	\$0	\$13,012,908
Subtotal			\$42,452,307	\$4,272,833	\$4,707,434	\$5,836,280	\$10,249,493	\$4,001,244	\$2,395,367	\$73,914,958
Capital Reserves		7.5%	\$3,184,000	\$320,000	\$353,000	\$438,000	\$769,000	\$300,000	\$180,000	\$5,544,000
Total=			\$45,636,307	\$4,592,833	\$5,060,434	\$6,274,280	\$11,018,493	\$4,301,244	\$2,575,367	\$79,458,958
Difference from FY 2017 CIB			-\$3,509,667	-\$5,836,667	-\$3,528,816	\$2,766,080	\$6,292,326	\$1,076,244	\$2,575,367	-\$165,133

Status:

- 1 Planning Phase
- 2 Design Phase
- 3 Contract Phase
- 4 Construction Phase
- 5 Close-out Phase

- A) Moved from FY2019 to FY2018
- B) Project added to install Automatic Read (AMR) water meters in existing non-metered and non-AMR properties.
- C) Project added based on upgrade needs required for SCADA system monitoring equipment and radios along with general overhaul of system electronics
- D) Project added to purchase complete financial software package
- E) Project construction of WST moved to FY2019
- F) Project construction phased between FY2018 and FY2019; budget increased based on relocation of water station on purchased Cobb Property
- G) Project moved from FY2018 to FY2019; project added based on upgrade needs required for aging water storage facilities
- H) Amount based on updated cost estimate completed by consultant engineer
- I) Restricted Reserves requires budget amendment with CSMC to utilize

Attachment 2

Table 4-5 St. Mary's County Metropolitan Commission Capital Improvement Budget
 FY 18-23 (Sewer)

Project Name	Status	Project ID	Prior Approved	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
Replacement										
Patuxent Park Sewer Replacement Phase 3	4	8124SR	\$2,191,640							\$2,191,640
Lynn Dr. Force Main Upgrade & Replacement	5	8121FM	\$642,030							\$642,030
St George's Park Sewer Sys Imp & Sheehan WWPS Ph. 1	4	5-9-S	\$360,000 ^A							\$360,000
Interceptor Rehabilitation, Pine Hill Run Road	2	8152SR	\$2,547,900							\$2,547,900
Patuxent Park Sewer Replacement Phase 4	2	8161SR	\$2,242,375							\$2,242,375
Piney Point Road Sewer Line Analysis	1	5171MS	\$190,000		\$307,965 ^C					\$497,965
Interceptor Rehabilitation, Shangri-La Dr. to Colony Square	2	8131SR	\$88,704			\$1,265,296 ^B				\$1,354,000
Southampton Sewer System Rehabilitation	1				\$70,000 ^C		\$803,592 ^C		\$1,696,927 ^C	\$2,570,519
Manhole Rehabilitation	4	SM1705	\$95,000	\$95,000	\$97,645	\$100,520	\$108,500	\$111,750	\$115,125	\$723,540
I&I Sewer Replacement, Rehabilitation & Upgrade	4	SM1706	\$220,000	\$220,000	\$226,560	\$233,280	\$240,360	\$247,560	\$255,000	\$1,642,800
Replacement Subtotal =			\$8,577,649	\$315,000	\$702,170	\$1,599,096	\$1,152,452	\$359,310	\$2,067,052	\$14,772,769
Difference from FY 2017 CIB			-\$2,643,201	\$0	\$317,170	\$1,284,096	\$972,185	\$359,310	\$2,067,052	\$2,356,652

Status:

- 1 Planning Phase
- 2 Design Phase
- 3 Contract Phase
- 4 Construction Phase
- 5 Close-out Phase

- A) Reduced from \$540,500.00 based on removal of sewer system improvements
- B) Project construction moved to FY2020
- C) Amount based on updated cost estimate completed by consultant engineer

Project Name	Status	Project ID	Prior Approved	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
Pump Stations										
Lynn Drive WWPS	5	8122SS	\$1,821,300							\$1,821,300
First Colony #2 WWPS	2	8141SS	\$445,500 ^A							\$445,500
Glebe Run WWPS Replacement	4	3161SS	\$155,250							\$155,250
Forest Run WWPS	2	8131SS	\$650,000							\$650,000
Spring Valley WWPS	4	8161SS	\$250,000							\$250,000
Great Mills WWPS Upgrade	2	8081SS	\$7,691,370							\$7,691,370
St. Mary's Square WWPS	2	8121SS	\$1,184,000 ^B							\$1,184,000
Piney Point WWPS Upgrade	2	5081SR	\$7,046,950							\$7,046,950
Wildewood #1 WWPS	1	8132SS	\$210,000		\$315,418 ^{C,L}					\$525,418
Wildewood #2 WWPS	1	8171SS	\$55,000		\$536,312 ^{D,L}					\$591,312
Evergreen Park WWPS	1				\$10,500 ^E	\$270,386 ^{F,L}				\$280,886
Moorings WWPS	1				\$10,500 ^G	\$362,800 ^{H,L}				\$373,300
Esperanza Shopping Center WWPS	1						\$329,657 ^{I,L}			\$329,657
Bradley Blvd. WWPS	1						\$321,214 ^{I,L}			\$321,214
Greenbrier WWPS	1							\$344,655 ^{J,L}		\$344,655
Wicomico Shores #1 WWPS Replacement	1							\$379,121 ^L		\$379,121
Hunting Quarters WWLS	1								\$324,069 ^{K,L}	\$0
Pump Stations Subtotal =			\$19,509,370	\$0	\$872,730	\$633,186	\$650,871	\$723,776	\$324,069	\$22,389,933
Difference from FY 2017 CIB			-\$1,654,500	-\$3,423,750	\$332,730	\$295,686	-\$24,129	\$723,776	\$324,069	-\$3,750,187

Status:

- 1 Planning Phase
- 2 Design Phase
- 3 Contract Phase
- 4 Construction Phase
- 5 Close-out Phase

- A) Reduced from \$1,530,000; revised cost estimate for sewer force main bypass only
- B) Reduced from \$1,754,000; actual bid pricing
- C) Project moved from FY2018 to FY 2019; reduced from \$2,146,250 based on not relocating station and using package pump station replacement
- D) Project moved from FY2018 to FY 2019; reduced from \$769,500 based on using package pump station replacement
- E) Project moved from FY2018 to FY2019; budget amount for property survey taken from \$170,500 total previously in FY2018
- F) Project moved from FY2019 to FY 2020; budget amount for WWPS upgrade moved from FY2018 to FY2019
- G) Project moved from FY2018 to FY2019; budget amount for property survey taken from \$337,500 total previously in FY2018
- H) Project moved from FY2019 to FY 2020; budget amount for WWPS upgrade moved from FY2018 to FY2019
- I) Project(s) moved from FY2020 to FY2021
- J) Project moved from FY2021 to FY 2022
- K) Project moved from FY2022 to FY2013; project added based on service life at the request from the Operations & Maintenance department
- L) Amount based on updated cost estimate completed by consultant engineer

Project Name	Status	Project ID	Prior Approved	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals
System Upgrades / Expansion										
MTWRF ENR Upgrade	5	8-38-S	\$39,125,000							\$39,125,000
Leonardtown ENR & Upgrade Project	4	3151SF	\$2,092,372							\$2,092,372
MTWRF Expansion (Capacity & Expansion Report and Concept Design)	2	8151SF	\$500,000							\$500,000
Exterior Petty Building Upgrades	2	8131BD	\$460,000							\$460,000
Asset Management Software Upgrade (232,095 capitalized)	4	SW1201	\$380,000							\$380,000
Macerators/Macerating Pumps for Stations	4	SM1710	\$120,000							\$120,000
CCTV Inspection System	4		\$126,000							\$126,000
Utility Maintenance Truck	4		\$151,000							\$151,000
St. Clements Shores WWTP Expansion Phase A	2	2171SF	\$906,500							\$906,500
Methane Co-Generator Upgrade at Marlay-Taylor WWTP	2	8171SF	\$945,000							\$945,000
Right of Way Clearing	4	SM1725	\$54,000	\$54,000						\$108,000
Marlay-Taylor WRF Replacement Pumps	4		\$94,500	\$94,500 ^A						\$189,000
SCADA Safety and Security Upgrade	1			\$125,000 ^B						\$125,000
Financial Software Upgrade	1			\$160,000 ^C						\$160,000
Facilities Condition Assessment	1			\$345,000 ^{D,H}						\$345,000
St. Clements Shores WWTP Expansion Phase B	2	2151SF	\$70,000.00	\$500,000 ^E	\$3,125,000 ^E					\$3,695,000
Energy Audit / Energy Efficiency Upgrades	1			\$115,000 ^F	\$57,500 ^F	\$57,500 ^F				\$230,000
Grinder Pump Replacements	4	SM1709	\$840,375		\$850,000 ^G		\$850,000 ^G		\$850,000 ^G	\$3,390,375
										\$0
Systems Upgrades/Expansion Subtotal =			\$45,864,747	\$1,393,500	\$4,032,500	\$57,500	\$850,000	\$0	\$850,000	\$53,048,247
Difference from FY 2017 CIB			-\$1,014,375	-\$2,175,875	\$3,192,125	\$57,500	\$850,000	\$0	\$850,000	\$1,759,375
Totals										
Replacement			\$8,577,649	\$315,000	\$702,170	\$1,599,096	\$1,152,452	\$359,310	\$2,067,052	\$14,772,729
Pump Stations			\$19,509,370	\$0	\$872,730	\$633,186	\$650,871	\$723,776	\$324,069	\$22,714,002
Upgrades/Expansion			\$45,864,747	\$1,393,500	\$4,032,500	\$57,500	\$850,000	\$0	\$850,000	\$53,048,247
Subtotal			\$73,951,766	\$1,708,500	\$5,607,400	\$2,289,782	\$2,653,323	\$1,083,086	\$3,241,121	\$90,534,978
Capital Reserves ^I		6.20%	\$4,470,000	\$106,000	\$348,000	\$142,000	\$165,000	\$67,000	\$201,000	\$5,499,000
Total =			\$78,421,766	\$1,814,500	\$5,955,400	\$2,431,782	\$2,818,323	\$1,150,086	\$3,442,121	\$96,033,978
Difference from FY 2017 CIB			-\$5,641,076	-\$5,946,625	\$4,081,025	\$1,739,282	\$1,910,056	\$1,150,086	\$3,442,121	\$734,869

Status:

- 1 Planning Phase
- 2 Design Phase
- 3 Contract Phase
- 4 Construction Phase
- 5 Close-out Phase

- A) Added one additional year for estimated costs for existing pump replacement within the facility
- B) Project added based on upgrade needs required for SCADA system monitoring equipment and radios along with general overhaul of system electronics
- C) Project added to purchase complete financial software package
- D) Moved from FY2019 to FY2018
- E) Revised project budget for estimated Phase B engineering design and construction
- F) Project added to upgrade and replace conventional electrical equipment to energy efficient equipment
- G) Rounded annual project budget up \$9,625 to account for estimated material and labor price increases; phasing updated and added year
- H) Amount based on updated cost estimate completed by consultant engineer
- I) Restricted Reserves requires budget amendment with CSMC to utilize

Attachment 3: Table 3-2 is to be updated as highlighted.

Table 3-2 Inventory of Existing Community System Appropriations

COMMUNITY WELLS	GAP NUMBER	AQUIFER	GAP AVG MGD	GAP MAX MGD
Wicomico Shores	SM1972G001	Upper Patapsco	0.150	0.200
Birch Manor	SM1974G035	Aquia	0.025	0.0375
Country Lakes	SM1976G003	Aquia	0.1608	0.410
Country Lakes	SM1976G103	Upper Patapsco	0.1072	0.410
St. Clement's Shores	SM1965G002	Aquia	0.022	0.0308
St. Clement's Shores	SM1965G102	Upper Patapsco	0.033	0.0462
Breton Bay	SM1969G017	Aquia	0.010	0.150
	SM1969G117	Upper Patapsco	0.142	0.228
King & Kennedy	SM1971G004	Aquia	0.026	0.039
Mulberry South	SM1984G033	Aquia	0.001	0.0096
	SM1984G233	Upper Patapsco	0.0057	0.0096
Wilderness Run/Kingston	SM1986G060	Aquia	0.048	0.077
Piney Point	SM1970G010	Aquia	0.036	0.048
Piney Point	SM1970G210	Upper Patapsco	.086	.110
Landings @ Piney Point	SM1988G002	Aquia	0.030	0.060
Lexington Park* (22)	SM1998G021	Upper Patapsco	0.473	0.700
* Includes Hickory Hills	SM1998G021			
	SM1952G004	Piney Point	0.130	0.221
	SM1946G001	Aquia	1.6453	2.322
	SM1976G014	Aquia	0.350	0.585
	SM2007G007	Upper Patapsco	0.650	0.975
St. Mary's Industrial Park*	SM2007G006	Upper Patapsco	0.386	0.6562
*Includes Broad Creek	SM2007G006			
Abberly Farms	SM2003G016	Upper Patapsco	0.625	0.9375
Fenwick Manor	SM1974G043	Aquia	0.005	0.040
	SM2008G001	Upper Patapsco	.027	.040
Fox Meadow	SM1987G001	Piney Point	0.010	0.018
Hunting Quarter	SM1983G016	Aquia	0.076	0.114
Cedar Cove	SM1973G003	Aquia	0.210	0.293
Rolling Acres	SM1974G025	Aquia	0.0592	0.0988

Table 3-2 Inventory of Existing Community System Appropriations (Continued)

COMMUNITY WELLS	GAP NUMBER	AQUIFER	GAP AVG MGD	GAP MAX MGD
Laurel Ridge	SM1986G016	Aquia	0.056	0.094
Charlotte Hall	SM1966G006	Aquia	0.170	0.255
Persimmon Hills	SM1989G010	Aquia	0.0397	0.0662
Ben Oaks/Persimmon Hills	SM1989G110	Upper Patapsco	0.060	0.099
Forrest Farm	SM2000G004	Upper Patapsco	0.0705	0.120
Greenbrier	SM1995G009	Aquia	0.053	0.100
	SM1989G074	Upper Patapsco	0.053	0.100
Hearts Desire	SM1985G051	Magothy	0.0053	0.0075
Holland Forrest	SM1990G065	Aquia	0.003	0.021
Holland Forrest	SM1990G165	Upper Patapsco	0.012	0.021
Villages of Leonardtown	SM1998G025	Aquia	0.024	0.041
Southgate	SM1991G021	Aquia	0.0136	0.0227
Town of Leonardtown Wells 3 & 4	SM1967G003	Aquia	0.060	0.650
Town of Leonardtown Well 5	SM1967G103	Upper Patapsco	.750	1.10
Leonardtown Farm	SM2004G014	Upper Patapsco	0.021	0.0351
Wild Goose Crest	SM2004G002	Upper Patapsco	0.006	0.009
Grandview Haven	SM2005G004	Upper Patapsco	0.035	0.0585
Patuxent Naval Air Station				
St. Mary's College				
Charlotte Hall VA Home				
Mt. Pleasant Water Co.				
Cook's Trailer Court (Garrett TP)				
Christmas Tree Farm TP				
Langley TP				
Lexington Mobile Home Co.				
Lord Calvert TP				

XXX = Per MDE WMA Comment 7/24/17

Attachment 4: Proposed Arsenic Text Amendment

Subsection 3.3.1 is to be added.

3.3.1 Arsenic in Drinking Water

Arsenic is a naturally occurring element present in food, soil, rocks, air and water. In 2001, the Environmental Protection Agency lowered the Maximum Contaminate Level (MCL) for Arsenic from 50 ppb to 10 ppb.

St. Maryø County was identified by the Maryland Geological Survey as exhibiting arsenic levels in certain confined aquifers approaching and sometimes exceeding the MCL.

The St. Maryø County Health Department samples for arsenic in all new and replacement privately owned drinking water wells to determine compliance with the MCL. If exceedances are reported, the water must be treated to reduce the arsenic to compliant levels. Follow up water samples are taken to ensure the treatment device is functional prior to certifying the well as potable.