



## **Notice of Public Hearing**

### **2014 Review and Report of the St. Mary's County Comprehensive Water and Sewerage Plan**

NOTICE IS HEREBY GIVEN that the St. Mary's County Planning Commission will conduct a public hearing in the Public Meeting Room of the Chesapeake Building, located at 41770 Baldrige Street, Leonardtown, Maryland, on Monday November 10, 2014 beginning at 6:30 p.m., for the purpose of receiving public testimony in considering amendments to the St. Mary's County Comprehensive Water and Sewerage Plan (CWSP). Proposed amendments include the following:

- 1) Chapter 113 of the St. Mary's County Code requires the CWSP to be amended annually to incorporate the approved Capital Improvement Budget (CIB) of the St. Mary's County Metropolitan Commission. The FY2015-2020 CIB is proposed to be incorporated into Tables 3-4 and 4-5 of the CWSP.
- 2) Current data reflecting usage and capacities of water and sewerage systems and resources is proposed to be incorporated into Tables 3-1, 3-2, 3-2A, and 4-2B. Table 4-4 is proposed to be updated with the current MetCom table of equivalent dwelling units (EDUs).
- 3) Text is proposed to be added to page I-1 within Section 1.1, "Goals and Policies of the Comprehensive Water and Sewerage Plan" to confirm that appropriate protections will be incorporated into the design and construction of new water and sewerage facilities to safeguard impaired streams and other environmentally sensitive resources.
- 4) The preface is proposed to be deleted.

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 each public library within the County, at the Public Information Office located in the Chesapeake Building at 41770 Baldrige Street, Leonardtown, Maryland, and on the Internet through links on the St. Mary's County Government web page: [www.co.saint-marys.md.us](http://www.co.saint-marys.md.us)

To be published as a legal notice in the *Enterprise* on October 24, 2013 and October 31, 2014.



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**PUBLIC HEARING STAFF REPORT**

To: Planning Commission  
From: Jeffrey Jackman, Senior Planner  
Date: October 21, 2014  
Hearing Date: November 10, 2014

**Re: CWSP 2014 Review and Report**

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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). Additional revisions would include updated information on the usage and capacities of water and sewer systems. Text addressing the protection of water and other environmentally sensitive resources would also be inserted into Chapter 1. Lastly, the preface is proposed to be deleted. A public hearing is scheduled for November 10, 2014, beginning at 6:30 p.m. for the purpose of receiving public testimony and of considering a proposed resolution to amend the (CWSP) to incorporate exhibits 1 thru 8 attached to this report.

Attached Exhibits

1. Table 3-4 MetCom FY2015-2020 CIB (Water) page III-25
2. Table 4-5 MetCom FY2015-2020 CIB (Sewer) page IV-23
3. Table 3-1 Projected Water Supply Demands and Planned Capacity page III-22
4. Table 3-2 Inventory of Existing Community Water System Appropriations page III-23
5. Table 3-2A Rates of Groundwater Withdrawal by Aquifer page III-24
6. Table 4-2B Inventory of Multi-Used Sewerage Systems page IV-17
7. Table 4-4 MetCom's Table of Equivalent Dwelling Units (EDUs) page IV-22
8. Page I-1 with Water Resources Protection Component inserted
9. Proposed Resolution

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

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 2014 Comprehensive Water and Sewerage Plan Review and Report: having accepted the public hearing staff report dated October 21, 2014, 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 the St. Mary's County Code, and of consistency with the St. Mary's County Comprehensive

**2014 CWSP Review and Report**  
**Public Hearing Staff Report Page 2**

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 2014 Review and Report be adopted and that the CWSP be amended to incorporate the revised tables and text of exhibits 1-8 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.

CWSP 2014 Review and Report Exhibit 1

Amendment: Replace Table 3-4 in its entirety with the following.

**Table 3-4 St. Mary's County Metropolitan Commission Capital Improvements Budget  
FY 15-20 (Water)**

| Project Name   | Status | Project ID | Prior Approved      | FY 2015            | FY 2016             | FY 2017             | FY 2018             | FY 2019             | FY 2020             | TOTAL                |
|--|--------|------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| <b>Water Lines</b>                                   |        |            |                     |                    |                     |                     |                     |                     |                     |                      |
| FDR Boulevard Water Main Phase 2                     | 5      | 8121WM     | \$60,090            |                    |                     |                     |                     |                     |                     | \$60,090             |
| Greenview Knolls Water Main Connector                | 4      | 8092WM     | \$126,000           |                    |                     |                     |                     |                     |                     | \$126,000            |
| MD 4 - Oak Dr to Patuxent Blvd Water Line Relocation | 3      | 8143WM     | \$360,477           |                    |                     |                     |                     |                     |                     | \$360,477            |
| Patuxent Park Water Main Replacement Phase 3         | 2      | 8122WR     | \$1,756,000         |                    |                     |                     |                     |                     |                     | \$1,756,000          |
| MD 235 to Airport Road Water Main Connector          | 2      | 8125WM     | \$247,800           | \$230,450          |                     |                     |                     |                     |                     | \$478,250            |
| Piney Point Water System                             | 2      | 5111WR     | \$255,000           |                    | \$2,235,000         |                     |                     |                     |                     | \$2,490,000          |
| FDR Blvd WM Ph 1B (1st Colony/Old Rolling Rd)        |        |            |                     | \$1,509,300        |                     |                     |                     |                     |                     | \$1,509,300          |
| Patuxent Park Water Main Replacement Phase 4         |        |            |                     |                    | \$1,259,300         |                     |                     |                     |                     | \$1,259,300          |
| Hollywood Water Systems Connector                    |        |            |                     |                    | \$834,000           |                     |                     |                     |                     | \$834,000            |
| Town Creek Water System                              | 2      | 8081WR     | \$245,000           | \$350,000          | \$2,200,000         | \$2,750,000         |                     |                     |                     | \$5,545,000          |
| St Clements Shores Water System Replacement          |        | 2101WR     |                     | \$980,000          | \$4,518,000         | \$7,017,000         |                     |                     |                     | \$12,515,000         |
| Coral Dr Water Main Connector                        |        | 8103WM     |                     |                    | \$50,000            | \$200,000           |                     |                     |                     | \$250,000            |
| MD 235 WM, Cedar Pt Rd. to Rasmussen Rd.             |        |            |                     |                    | \$144,000           | \$1,664,000         |                     |                     |                     | \$1,808,000          |
| Esperanza Farms Water System                         | 1      | 8142WR     | \$150,000           |                    |                     |                     | \$2,500,000         |                     |                     | \$2,650,000          |
| Wildewood Pkwy to MD 4 WM Connector                  |        |            |                     |                    |                     |                     | \$442,350           |                     |                     | \$442,350            |
| Shangri-La Dr. & S. Essex Dr. Water Main Replacement |        |            |                     |                    |                     |                     | \$2,490,750         |                     |                     | \$2,490,750          |
| MD 235 WM, Thames Ave. to Hermanville Rd. Greenbrier |        |            |                     |                    |                     |                     | \$515,000           | \$5,019,000         |                     | \$5,534,000          |
| Belvoir Road Water Main Replacement                  |        |            |                     |                    |                     |                     |                     | \$1,247,400         |                     | \$1,247,400          |
| Airport View Drive to Wildewood WM Connector         |        |            |                     |                    |                     |                     | \$2,165,300         |                     |                     | \$2,165,300          |
| Water Main Connection Crossing MD 5 - Charlotte Hall |        |            |                     |                    |                     |                     |                     | \$575,550           |                     | \$575,550            |
| Piney Point Water Systems Connector                  |        |            |                     |                    |                     |                     | \$240,000           | \$2,477,000         |                     | \$2,717,000          |
| Southampton Water System Rehabilitation              |        |            |                     |                    |                     |                     | \$267,000           | \$2,663,000         |                     | \$2,930,000          |
| MD712 Forest Park Road Water Main Extension          |        |            |                     |                    |                     |                     | \$158,000           | \$1,663,000         |                     | \$1,821,000          |
| Hollywood System Phase 2 Replacement                 |        | 8141WM     |                     |                    |                     |                     |                     | \$823,500           |                     | \$823,500            |
| Sheehan / St. George's Park Water System             | 2      | 5121WM     | \$240,000           |                    |                     |                     |                     |                     |                     | \$240,000            |
| <b>Water Lines Subtotal =</b>                        |        |            | <b>\$3,440,367</b>  | <b>\$3,069,750</b> | <b>\$11,240,300</b> | <b>\$11,631,000</b> | <b>\$5,948,100</b>  | <b>\$9,672,250</b>  | <b>\$7,626,500</b>  | <b>\$52,628,267</b>  |
| <b>Wells</b>   |        |            |                     |                    |                     |                     |                     |                     |                     |                      |
| Hollywood Well at Broad Creek                        | 2      | 8092WL     | \$1,174,500         |                    |                     |                     |                     |                     |                     | \$1,174,500          |
| Villages of Leonardtown Well                         | 1      | 8141WL     | \$270,000           |                    |                     |                     |                     |                     |                     | \$270,000            |
| Hickory Hills Well 600 GPM                           | 2      | 8081WL     | \$949,000           | \$48,000           |                     |                     |                     |                     |                     | \$997,000            |
| Charlotte Hall Well (300-500 GPM)                    | 2      | 0091WL     | \$809,500           |                    |                     |                     |                     |                     |                     | \$809,500            |
| Bay Ridge Well                                       | 2      | 8091WL     |                     | \$175,160          | \$2,062,800         |                     |                     |                     |                     | \$2,237,960          |
| Additional Production/Replacement Well               |        |            |                     |                    |                     |                     |                     | \$926,500           |                     | \$926,500            |
| <b>Well Subtotal =</b>                               |        |            | <b>\$3,203,000</b>  | <b>\$223,160</b>   | <b>\$2,062,800</b>  | <b>\$0</b>          | <b>\$0</b>          | <b>\$926,500</b>    | <b>\$0</b>          | <b>\$6,415,460</b>   |
| <b>Water Storage Tanks (WST)</b>                     |        |            |                     |                    |                     |                     |                     |                     |                     |                      |
| Charlotte Hall WST                                   | 2      | 0091WT     | \$3,107,800         |                    |                     |                     |                     |                     |                     | \$3,107,800          |
| Hollywood/Broad Creek WST                            | 2      | 8092WT     | \$3,354,500         | \$132,000          |                     |                     |                     |                     |                     | \$3,486,500          |
| Hickory Hills WST                                    | 2      | 8081WT     | \$5,925,977         | \$372,000          |                     |                     |                     |                     |                     | \$6,297,977          |
| Great Mills Standpipe Extension                      |        |            |                     | \$120,000          | \$1,270,000         |                     |                     |                     |                     | \$1,390,000          |
| Bay Ridge WST  | 2      | 8082WT     | \$126,000           |                    | \$500,000           |                     | \$5,013,773         |                     |                     | \$5,639,773          |
| St. Clements Shores WST                              |        | 2121WT     |                     |                    |                     |                     | \$225,000           | \$1,235,000         |                     | \$1,460,000          |
| Piney Point (Landings) WST                           | 1      | 5081WT     | \$2,000             |                    |                     |                     | \$275,000           | \$1,235,000         | \$1,512,000         | \$1,512,000          |
| Tank Inspection and Painting                         | 4      | WO1317     | \$623,700           | \$1,247,400        |                     | \$623,700           | \$623,700           | \$623,700           | \$623,700           | \$4,365,900          |
| <b>Water Storage Tanks (WST) Subtotal =</b>          |        |            | <b>\$13,139,977</b> | <b>\$1,871,400</b> | <b>\$1,770,000</b>  | <b>\$623,700</b>    | <b>\$5,862,473</b>  | <b>\$2,133,700</b>  | <b>\$1,858,700</b>  | <b>\$27,259,950</b>  |
| <b>Miscellaneous</b>                                 |        |            |                     |                    |                     |                     |                     |                     |                     |                      |
| Radio Read Water Meters Project Phase 1              | 4      | WO1112     | \$8,300,000         |                    |                     |                     |                     |                     |                     | \$8,300,000          |
| Exterior Petty Building Upgrades                     | 1      | 8131BD     | \$400,000           |                    |                     |                     |                     |                     |                     | \$400,000            |
| Rolling Acres Water Pumping Station Upgrade          | 1      | WO1324     | \$121,500           |                    |                     |                     |                     |                     |                     | \$121,500            |
| Overize Meter Project Phase 2                        | 1      | 8121MW     | \$243,000           |                    |                     |                     |                     |                     |                     | \$243,000            |
| King Kennedy Well & Ground Storage Tank Improvements | 2      | 3-1-W      | \$1,322,500         | \$410,000          |                     |                     |                     |                     |                     | \$1,732,500          |
| Asset Management Software Upgrade                    | 4      | SW1201     | \$157,500           | \$100,000          |                     |                     |                     |                     |                     | \$257,500            |
| Overize Meter Project Phase 3                        |        |            |                     | \$147,000          |                     |                     |                     |                     |                     | \$147,000            |
| Radio Read Water Meters Project Phase 2              |        |            |                     | \$1,900,000        |                     |                     |                     |                     |                     | \$1,900,000          |
| Right of Way Clearing                                | 4      | WM1326     | \$54,000            | \$54,000           | \$54,000            | \$54,000            |                     |                     |                     | \$216,000            |
| King Kennedy Water Line Replacement                  |        |            |                     |                    |                     |                     | \$1,365,000         |                     |                     | \$1,365,000          |
| Facilities Plan Update                               |        |            |                     |                    |                     |                     | \$125,000           |                     |                     | \$125,000            |
| Unidentified Water System Upgrade                    |        |            |                     |                    |                     |                     |                     | \$5,000,000         |                     | \$5,000,000          |
|  |        |            |                     |                    |                     |                     |                     |                     |                     | \$0                  |
|  |        |            |                     |                    |                     |                     |                     |                     |                     | \$0                  |
| <b>Miscellaneous Subtotal =</b>                      |        |            | <b>\$10,598,500</b> | <b>\$2,611,000</b> | <b>\$54,000</b>     | <b>\$54,000</b>     | <b>\$1,490,000</b>  | <b>\$0</b>          | <b>\$5,000,000</b>  | <b>\$19,807,500</b>  |
| <b>Totals</b>  |        |            |                     |                    |                     |                     |                     |                     |                     |                      |
| Water Lines  |        |            | \$3,440,367         | \$3,069,750        | \$11,240,300        | \$11,631,000        | \$5,948,100         | \$9,672,250         | \$7,626,500         | \$52,628,267         |
| Wells  |        |            | \$3,203,000         | \$223,160          | \$2,062,800         | \$0                 | \$0                 | \$926,500           | \$0                 | \$6,415,460          |
| Water Storage Tanks (WST)                            |        |            | \$13,139,977        | \$1,871,400        | \$1,770,000         | \$623,700           | \$5,862,473         | \$2,133,700         | \$1,858,700         | \$27,259,950         |
| Miscellaneous  |        |            | \$10,598,500        | \$2,611,000        | \$54,000            | \$54,000            | \$1,490,000         | \$0                 | \$5,000,000         | \$19,807,500         |
| Subtotal   |        |            | \$30,381,844        | \$7,775,310        | \$15,127,100        | \$12,308,700        | \$13,300,573        | \$12,732,450        | \$14,485,200        | \$106,111,177        |
| Contingency  |        | 7.5%       | \$2,279,000         | \$583,000          | \$1,135,000         | \$923,000           | \$998,000           | \$955,000           | \$1,086,000         | \$7,959,000          |
| <b>Total=</b>  |        |            | <b>\$32,660,844</b> | <b>\$8,358,310</b> | <b>\$16,262,100</b> | <b>\$13,231,700</b> | <b>\$14,298,573</b> | <b>\$13,687,450</b> | <b>\$15,571,200</b> | <b>\$114,070,177</b> |

CWSP 2014 Review and Report Exhibit 2

Amendment: Replace Table 4-5 in its entirety with the following.

**Table 4-5 St. Mary's County Metropolitan Commission Capital Improvements Budget  
FY 15-20 (Sewer)**

| Project Name  | Status | Project ID | Prior Approved      | FY 2015             | FY 2016            | FY 2017             | FY 2018             | FY 2019             | FY 2020             | Totals               |                      |
|---|--------|------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|
| <b>Replacement</b>  |        |            |                     |                     |                    |                     |                     |                     |                     |                      |                      |
| South FDR to Shangri-La Interceptor Replacement               | 5      | 8125SR     | \$1,350,436         |                     |                    |                     |                     |                     |                     | \$1,350,436          |                      |
| Shangri-La Dr. and South Essex Dr. Sewer Rehab                | 4      | 8111SR     | \$541,000           |                     |                    |                     |                     |                     |                     | \$541,000            |                      |
| Interceptor Rehabilitation, NAS                               | 3      | 8122SR     | \$3,401,000         |                     |                    |                     |                     |                     |                     | \$3,401,000          |                      |
| Patuxent Park Sewer Replacement Phase 3                       | 2      | 8124SR     | \$2,820,000         |                     |                    |                     |                     |                     |                     | \$2,820,000          |                      |
| Lynn Dr. Force Main Upgrade & Replacement                     | 2      | 8121FM     | \$642,030           |                     |                    |                     |                     |                     |                     | \$642,030            |                      |
| Interceptor Rehabilitation, Shangri-La Dr. to Colony Square   | 2      | 8131SR     | \$85,000            | \$1,062,500         |                    |                     |                     |                     |                     | \$1,147,500          |                      |
| Interceptor Rehabilitation, Pine Hill Run Rd.                 | 2      | 8152SR     |                     | \$2,492,900         |                    |                     |                     |                     |                     | \$2,492,900          |                      |
| Little Flower School Lateral Replacement                      | 1      | 8151SR     |                     | \$473,985           |                    |                     |                     |                     |                     | \$473,985            |                      |
| Patuxent Park Sewer Replacement Phase 4                       | 1      | 8141SR     |                     |                     | \$1,774,000        |                     |                     |                     |                     | \$1,774,000          |                      |
| St. Mary's Sq. to Sheriff Medzinski Way Gravity Sewer Upgrade |        |            |                     |                     |                    | \$169,000           |                     |                     |                     | \$169,000            |                      |
| Forest Run to St. Mary's Sq. West Force Main Upgrade          |        |            |                     |                     |                    |                     |                     | \$2,100,000         |                     | \$2,100,000          |                      |
| St George's Park Sewer Sys Imp & Sheehan WWPS Ph. 1           | 2      | 5-9-S      | \$540,500           |                     |                    |                     |                     |                     |                     | \$540,500            |                      |
| Glenn Forrest to NAS Interceptor Rehabilitation               |        |            |                     |                     |                    |                     |                     |                     | \$5,670,000         | \$5,670,000          |                      |
| MD 235 Wildewood Interceptor Expansion                        |        |            |                     |                     |                    |                     |                     |                     | \$334,530           | \$334,530            |                      |
| MD5 Little Flower School to Great Mills Gravity Sewer Upgrade |        |            |                     |                     |                    |                     |                     |                     | \$999,000           | \$999,000            |                      |
| Gravity Sewer Upgrade Westbury Blvd to Pegg Road              |        |            |                     |                     |                    |                     |                     |                     | \$931,500           | \$931,500            |                      |
| Bay Interceptor Relining                                      | 3      | 8121SR     | \$333,000           | \$333,000           | \$333,000          |                     |                     |                     |                     | \$999,000            |                      |
| Manhole Rehabilitation  | 4      | SM1305     | \$94,068            | \$95,000            | \$95,000           | \$95,000            | \$95,000            | \$95,000            |                     | \$569,068            |                      |
| I & I Sewer Replacement and Upgrade (10yr.)                   | 4      | SM1306     | \$275,000           | \$275,000           | \$275,000          | \$155,250           | \$155,250           | \$155,250           | \$155,250           | \$1,446,000          |                      |
| <b>Replacement Subtotal =</b>                                 |        |            |                     | <b>\$10,082,034</b> | <b>\$4,732,385</b> | <b>\$2,477,000</b>  | <b>\$419,250</b>    | <b>\$250,250</b>    | <b>\$2,350,250</b>  | <b>\$8,090,280</b>   | <b>\$28,401,449</b>  |
| <b>Pump Stations</b>  |        |            |                     |                     |                    |                     |                     |                     |                     |                      |                      |
| Piney Point Landings WWPS                                     | 3      | 5141SS     | \$170,500           |                     |                    |                     |                     |                     |                     | \$170,500            |                      |
| Hilton Run WWPS   | 3      | 8142SS     | \$236,250           |                     |                    |                     |                     |                     |                     | \$236,250            |                      |
| St. Clements Shores WWPS Replacement                          | 3      | SO1426     | \$135,000           |                     |                    |                     |                     |                     |                     | \$135,000            |                      |
| Great Mills WWPS Upgrade                                      | 2      | 8081SS     | \$5,185,500         | \$1,547,700         |                    |                     |                     |                     |                     | \$6,733,200          |                      |
| Lynn Drive WWPS   | 2      | 8122SS     | \$1,521,650         | \$70,400            |                    |                     |                     |                     |                     | \$1,592,050          |                      |
| St. Mary's Square WWPS  | 2      | 8121SS     | \$204,000           | \$1,350,000         |                    |                     |                     |                     |                     | \$1,554,000          |                      |
| Piney Point WWPS Upgrade                                      | 2      | 5081SR     | \$681,000           | \$5,787,600         |                    |                     |                     |                     |                     | \$6,468,600          |                      |
| First Colony #2 WWPS  | 1      | 8141SS     | \$205,000           |                     | \$1,325,000        |                     |                     |                     |                     | \$1,530,000          |                      |
| Glebe Run WWPS Replacement                                    |        |            |                     |                     | \$135,000          |                     |                     |                     |                     | \$135,000            |                      |
| Forest Run WWPS   | 2      | 8131SS     | \$300,000           | \$50,000            | \$300,000          | \$8,700,000         |                     |                     |                     | \$9,350,000          |                      |
| Wildewood #1 WWPS   | 1      |            | \$55,000            |                     | \$155,000          | \$2,146,250         |                     |                     |                     | \$2,356,250          |                      |
| Wildewood #2 WWPS   |        |            |                     |                     | \$55,000           | \$570,000           |                     |                     |                     | \$625,000            |                      |
| Spring Valley WWPS  |        |            |                     |                     | \$75,000           | \$620,000           |                     |                     |                     | \$695,000            |                      |
| Planters Court WWPS   |        |            |                     |                     |                    | \$236,250           |                     |                     |                     | \$236,250            |                      |
| Evergreen Park WWPS   |        |            |                     |                     |                    |                     | \$170,500           |                     |                     | \$170,500            |                      |
| Moorings WWPS   |        |            |                     |                     |                    |                     | \$675,000           |                     |                     | \$675,000            |                      |
| Esperanza Shopping Center WWPS                                |        |            |                     |                     |                    |                     |                     |                     | \$1,350,000         | \$1,350,000          |                      |
| Bradley Blvd. WWPS  |        |            |                     |                     |                    |                     |                     |                     | \$610,000           | \$610,000            |                      |
| Greenbrier WWPS   |        |            |                     |                     |                    |                     |                     |                     | \$620,000           | \$620,000            |                      |
| <b>Pump Stations Subtotal =</b>                               |        |            |                     | <b>\$8,693,900</b>  | <b>\$8,805,700</b> | <b>\$2,045,000</b>  | <b>\$12,272,500</b> | <b>\$845,500</b>    | <b>\$0</b>          | <b>\$2,580,000</b>   | <b>\$35,242,600</b>  |
| <b>System Upgrades / Expansion</b>                            |        |            |                     |                     |                    |                     |                     |                     |                     |                      |                      |
| MTWRF ENR Upgrade   | 4      | 8-38-S     | \$39,125,000        |                     |                    |                     |                     |                     |                     | \$39,125,000         |                      |
| Exterior Petty Building Upgrades                              | 1      | 8131BD     | \$400,000           |                     |                    |                     |                     |                     |                     | \$400,000            |                      |
| St. Clements Shores Mechanical Bar Screen                     | 3      | SC1425     | \$94,500            |                     |                    |                     |                     |                     |                     | \$94,500             |                      |
| Asset Management Software Upgrade                             | 4      | SW1201     | \$160,000           | \$100,000           |                    |                     |                     |                     |                     | \$260,000            |                      |
| New Macerators for 5 pumping stations                         | 4      | SM1310     | \$236,898           | \$236,898           |                    |                     |                     |                     |                     | \$473,796            |                      |
| Leonardtown ENR & Upgrade Project                             |        |            |                     | \$2,092,372         |                    |                     |                     |                     |                     | \$2,092,372          |                      |
| Airedele Road WWTF Nitrogen Removal Upgrade                   |        | SO1628     |                     |                     | \$675,000          |                     |                     |                     |                     | \$675,000            |                      |
| SCS Plant & System Expansion                                  | 1      | 2-11-S     | \$50,000            |                     | \$300,000          | \$2,200,000         |                     |                     |                     | \$2,550,000          |                      |
| MTWRF Expansion   |        |            |                     | \$500,000           | \$500,000          |                     | \$25,000,000        |                     |                     | \$26,000,000         |                      |
| Facilities Plan Update  |        |            |                     |                     |                    |                     | \$125,000           |                     |                     | \$125,000            |                      |
| New Market/Charlotte Hall Sewer                               |        |            |                     |                     |                    |                     |                     | \$400,000           | \$5,000,000         | \$5,400,000          |                      |
| Hollywood Town Center Sewer Project                           |        |            |                     |                     |                    |                     |                     | \$282,100           | \$3,526,250         | \$3,808,350          |                      |
| Holly Gaf Sewer Force Main                                    |        |            |                     |                     |                    |                     |                     | \$680,000           | \$6,140,200         | \$6,820,200          |                      |
| Navy Re-Use   |        |            |                     |                     |                    |                     |                     | \$150,000           | \$3,945,000         | \$4,095,000          |                      |
| Unidentified Sewer System Upgrade                             |        |            |                     |                     |                    |                     |                     |                     | \$5,000,000         | \$5,000,000          |                      |
| Right of Way Clearing   | 4      | SM1325     | \$54,000            | \$54,000            | \$54,000           |                     |                     |                     |                     | \$162,000            |                      |
| Grinder Pump Replacements                                     | 4      | SM1009     | \$840,375           | \$840,375           | \$840,375          | \$840,375           | \$840,375           | \$840,375           |                     | \$5,042,250          |                      |
| <b>Systems Upgrades/Expansion Subtotal =</b>                  |        |            |                     | <b>\$40,960,773</b> | <b>\$3,823,645</b> | <b>\$2,369,375</b>  | <b>\$3,040,375</b>  | <b>\$25,965,375</b> | <b>\$2,352,475</b>  | <b>\$23,611,450</b>  | <b>\$102,123,468</b> |
| <b>Totals</b>   |        |            |                     |                     |                    |                     |                     |                     |                     |                      |                      |
| Replacement   |        |            | \$10,082,034        | \$4,732,385         | \$2,477,000        | \$419,250           | \$250,250           | \$2,350,250         | \$8,090,280         | \$28,401,449         |                      |
| Pump Stations   |        |            | \$8,693,900         | \$8,805,700         | \$2,045,000        | \$12,272,500        | \$845,500           | \$0                 | \$2,580,000         | \$35,242,600         |                      |
| Upgrades/Expansion  |        |            | \$40,960,773        | \$3,823,645         | \$2,369,375        | \$3,040,375         | \$25,965,375        | \$2,352,475         | \$23,611,450        | \$102,123,468        |                      |
| Subtotal  |        |            | \$59,736,707        | \$17,361,730        | \$6,891,375        | \$15,732,125        | \$27,061,125        | \$4,702,725         | \$34,281,730        | \$165,767,517        |                      |
| Contingencies   |        | 6.20%      | \$3,704,000         | \$1,076,000         | \$427,000          | \$975,000           | \$1,678,000         | \$292,000           | \$2,125,000         | \$10,277,000         |                      |
| <b>Total =</b>  |        |            | <b>\$63,440,707</b> | <b>\$18,437,730</b> | <b>\$7,318,375</b> | <b>\$16,707,125</b> | <b>\$28,739,125</b> | <b>\$4,994,725</b>  | <b>\$36,406,730</b> | <b>\$176,044,517</b> |                      |

Amendment: Highlighted information is to be added to Table 3-1.

**Table 3-1 Projected Water Supply Demands and Planned Capacity**

| <i>Water System Name</i>                | <i>Total Capacity (EDU's)</i> | <i>EDU's Allocated</i> | <i>Not Allocated</i> | <i>Gallons per EDU</i> | <i>Capacity (MGD<sup>**</sup>)</i> | <i>Average Production June 2013</i> | <i>Projected Demand 2017</i> | <i>Planned Capacity (MGD)</i> |
|---|-------------------------------|------------------------|----------------------|------------------------|------------------------------------|-------------------------------------|------------------------------|-------------------------------|
| Ben Oaks/<br>Persimmon Hills            | 200                           | 181                    | 19                   | 230                    | 0.046                              | 0.053                               | 0.074                        | 0.046                         |
| Birch Manor                             | 100                           | 100                    | 0                    | 210                    | 0.021                              | 0.019                               | 0.021                        | 0.021                         |
| Breton Bay                              | 443                           | 371                    | 72                   | 275                    | 0.122                              | 0.092                               | 0.127                        | 0.130                         |
| Cedar Cove                              | 831                           | 1003                   | -172                 | 210                    | 0.175                              | 0.166                               | 0.175                        | 0.175                         |
| Charlotte Hall                          | 1,300                         | 202                    | 1098                 | 1,015                  | 1.320                              | 0.072                               | 0.074                        | 1.320                         |
| Charlotte Hall<br>Veterans Home         |                               |                        |                      |                        |                                    |                                     |                              |                               |
| Christmas Tree Farm<br>Trailer Park     |                               |                        |                      |                        |                                    |                                     |                              |                               |
| Country Lakes                           | 1,200                         | 1108                   | 92                   | 250                    | 0.300                              | 0.272                               | 0.343                        | 0.340                         |
| Fenwick Manor                           | 101                           | 85                     | 16                   | 215                    | 0.022                              | 0.017                               | 0.220                        | 0.022                         |
| Forrest Farm                            | 230                           | 212                    | 18                   | 250                    | 0.058                              | 0.090                               | 0.035                        | 0.058                         |
| Fox Meadow                              | 34                            | 47                     | -13                  | 250                    | 0.009                              | 0.009                               | 0.009                        | 0.009                         |
| Garrett Park Mobile<br>Home Park        |                               |                        |                      |                        | 0.065                              |                                     |                              |                               |
| Greenbrier                              | 486                           | 422                    | 64                   | 220                    | 0.107                              | 0.076                               | 0.074                        | 0.107                         |
| Grandview Haven                         |                               | 37                     |                      |                        | 0.035                              |                                     |                              |                               |
| Hearts Desire                           | 24                            | 24                     | 0                    | 125                    | 0.003                              | 0.0025                              | 0.074                        | 0.003                         |
| Holland Forrest<br>Landing              | 49                            | 51                     | -2                   | 180                    | 0.009                              | 0.009                               | 0.009                        | 0.009                         |
| Hunting Quarter                         | 500                           | 260                    | 240                  | 205                    | 0.103                              | 0.055                               | 0.065                        | 0.103                         |
| King & Kennedy                          | 70                            | 62                     | 8                    | 340                    | 0.024                              | 0.015                               | 0.024                        | 0.024                         |
| Langley Trailer Park                    |                               |                        |                      |                        |                                    |                                     |                              |                               |
| Laurel Ridge                            | 209                           | 206                    | 3                    | 235                    | 0.049                              | 0.055                               | 0.150                        | 0.049                         |
| Leonardtown                             | 3,000                         | 1,655                  | 1345                 | 250                    | 0.750                              | 0.420                               | 0.760                        | 0.750                         |
| Lexington Mobile<br>Home Co., LLC       |                               |                        |                      |                        | 0.018                              |                                     |                              |                               |
| Lexington Park*                         | 15,393                        | 14,982*                | 411                  | 260                    | 4.002                              | 2.750                               | 3.739                        | 4.002                         |
| L'town Farm                             | 71                            | 71                     | 0                    | 300                    |                                    | 0.021                               |                              |                               |
| Lord Calvert Trailer<br>Park            |                               |                        |                      |                        | 0.115                              |                                     |                              |                               |
| Mount Pleasant<br>Water Co., Inc.       |                               |                        |                      |                        | 0.015                              |                                     |                              |                               |
| Mulberry South                          | 26                            | 23                     | 3                    | 200                    | 0.005                              | 0.004                               | 0.005                        | 0.005                         |
| Patuxent Naval Air<br>Station (NAWC AD) |                               |                        |                      |                        | 0.120                              |                                     |                              |                               |
| Piney Point                             | 300                           | 245                    | 55                   | 280                    | 0.084                              | 0.046                               | 0.084                        | 0.084                         |
| Piney Point Landings                    | 95                            | 86                     | 9                    | 260                    | 0.025                              | 0.018                               | 0.025                        | 0.025                         |
| Rolling Acres                           | 250                           | 257                    | -7                   | 220                    | 0.055                              | 0.055                               | 0.074                        | 0.055                         |
| Southgate                               | 90                            | 69                     | 21                   | 100                    | 0.009                              | 0.009                               | 0.008                        | 0.009                         |
| St. Clement's Shores                    | 240                           | 226                    | 14                   | 215                    | 0.052                              | 0.034                               | 0.060                        | 0.060                         |

CWSP 2014 Review and Report Exhibit 3 Continued

|                           |       |     |     |     |       |       |       |       |
|---------------------------|-------|-----|-----|-----|-------|-------|-------|-------|
| <b>St. Mary's College</b> |       |     |     |     |       |       |       |       |
| Villages at Leonardtown   | 88    | 88  | 0   | 250 | 0.022 | 0.028 | 0.020 | 0.022 |
| Wicomico Shores           | 1,191 | 463 | 728 | 170 | 0.202 | 0.097 | 0.098 | 0.202 |
| Wild Goose Crest          | 25    | 22  | 3   | 250 |       | 0.006 |       |       |
| Wilderness Run / Kingston | 190   | 186 | 4   | 190 | 0.036 | 0.047 | 0.043 | 0.043 |

\* Includes First Colony, Town Creek, Great Mills, Wildewood, St. Mary's Industrial Park, Abberly Farms

\*\* Allocated Average

Source: St. Mary's County Metropolitan Commission, Leonardtown Government, St. Mary's County Department of Land Use and Growth Management, MDE

Amendment: Highlighted information is to be added to Table 3-2.

| 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 | Upper Patapsco | 0.010       | 0.150       |
| Breton Bay  | SM1969G117 | Upper Patapsco | 0.142       | 0.228       |
| King & Kennedy  | SM1971G004 | Aquia          | 0.026       | 0.039       |
| Mulberry South  | SM1984G033 | Aquia          | 0.001       | 0.0096      |
| Mulberry South  | 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       |
| Lexington Park  | SM1952G004 | Piney Point    | 0.230       | 0.360       |
| Lexington Park  | SM1946G001 | Aquia          | 1.6453      | 2.322       |
| Lexington Park  | SM1976G014 | Aquia          | 0.350       | 0.585       |
| Lexington Park  | SM2007G006 | Upper Patapsco | 0.386       | 0.6562      |
| Lexington Park  | SM2007G007 | Upper Patapsco | 0.650       | 0.975       |
| Abberly Farms (Lex Park)  | SM2003G016 | Upper Patapsco | 0.625       | 0.9375      |
| Fenwick Manor   | SM1974G043 | Aquia          | 0.005       | 0.040       |
| Fenwick Manor   | SM2008G001 | Upper Patapsco | .027        | .040        |
| Fox Meadow  | SM1987G001 | Aquia          | 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      |
| 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       |
| Greenbrier  | 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      |
| Leonardtown Well #3   | SM1967G003 | Aquia          | 0.060       | 0.650       |
| Leonardtown Well #4   | SM1967G003 | Aquia          | Incl        | Incl        |
| 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      |

Source: St. Mary's County Metropolitan Commission and MDE.



Amendment: Highlighted information is to be added to Table 3-2A.

**Table 3-2A St. Mary’s County Metropolitan Commission Rates of Groundwater Withdrawal by Aquifer for 2013**

| Aquifer        | Actual Withdrawal in Million Gallons per Day (MGD) | Allocated Average MGD | Allocated Maximum MGD |
|----------------|--|-----------------------|-----------------------|
| Aquia          | 2.140  | 2.8936                | 4.6596                |
| Magothy        | 0.00   | 0.0053                | 0.0075                |
| Piney Point    | 0.075  | 0.240                 | 0.378                 |
| Upper Patapsco | 1.588  | 2.9424                | 4.7551                |

Source: MetCom, MDE

Amendment: Highlighted information is to be added to Table 4-2B.

**Table 4-2B: Inventory of Multi-Used Sewerage Systems \***

| <i>Facility</i>                       | <i>Design Capacity (MGD)</i>     | <i>NPDES Permit (MGD)</i> | <i>Calendar Year 2006 Avg Daily Flow (MGD)</i> | <i>Gross Adjusted Available Flow (MGD)</i> |
|---------------------------------------|----------------------------------|---------------------------|--|--|
| Margaret Brent Middle School          | .008                             | .008                      | .003   | .005                                       |
| Hollywood Elementary School           | .005                             | .00113                    | Unavailable #                                  | Unavailable #                              |
| Park Hall Elementary School           | .005                             | .00117                    | Unavailable #                                  | Unavailable #                              |
| Chopticon High School                 | .017                             | .017                      | .007**   | .010                                       |
| Charlotte Hall WaWa                   | .0064                            | .0064                     | .0025  | .0039                                      |
| Charlotte Hall Center Inc (Burroughs) | .056                             |                           |  |  |
| Charlotte Hall Veterans Home          | .067 RIB***<br>.020 Spray System | 0.067                     |  |  |
| Point Lookout State Park              | 0.09                             | 0.09                      | .0185  | .0715                                      |
| NAS Pax River Webster Field Annex     | .045                             | .045                      | .022   | .023                                       |
| Winters Apartments                    | .0013                            | .0013                     | .0004  | .0009                                      |

Source: MetCom, St. Mary’s County Health Department

\* Inventory of “Multi-Used Sewerage System” means a single system serving a single lot, whether owned or operated by an individual or group of individuals under private or collective ownership and serving a group of individuals for the collection and disposal of sewerage or industrial wastes of a liquid nature, including various devices for the treatment of sewerage and industrial wastes having a treatment capacity in excess of 5,000 GPD.

# No flow meters on the systems.

The County, Metcom and the Health Department recognize that there are smaller users in the County that are less than 5,000 gallons.

\*\* 2012 Avg Daily Flow

Note: The sewerage from Margaret Bent Middle School is now pumped to Chopticon High School Wastewater Treatment Facility via a pump station and restricted-use sewer force main.

\*\*\*Rapid Infiltration Basin

Amendment: Replace Table 4-4 in its entirety with the following.

**TABLE 4-4: ST. MARY'S COUNTY METROPOLITAN COMMISSION  
TABLE OF EQUIVALENT DWELLING UNITS  
Adopted March 1, 2009**

| CLASSIFICATIONS  | Gallons Per Day/EDU <sup>1,2</sup> |
|--|------------------------------------|
| <b>INSTITUTIONAL</b>   |                                    |
| Elementary School  | 4 gpd/person                       |
| Middle School  | 6 gpd/person                       |
| High School  | 8 gpd/person                       |
| Child Day Care/Nursery School  | 6 gpd/person                       |
| Hospital or Nursing/Group Home   | 125 gpd/bed                        |
| <b>SUBDIVISION RESIDENTIAL - One Dwelling</b>  |                                    |
|  | 250 gpd                            |
| <b>MULTI-UNIT RESIDENTIAL*</b>   |                                    |
| 1 Trailer Space  | 250 gpd                            |
| 1 Apartment/unit   | 250 gpd                            |
| 1 Condominium/unit   | 250 gpd                            |
| *Apartments, residential condominiums, housing projects for the aged can be designed based on 200 gpd/unit, but will be billed based on 250 gpd/unit |                                    |
| <b>COMMERCIAL/INDUSTRIAL</b>   |                                    |
| Auto Dealership  | Gross s.f. x 0.08 = gpd            |
| Bakery/Food Retail Store (No seating)  | Gross s.f. x 0.15 = gpd            |
| Bank   | Gross s.f. x 0.04 = gpd            |
| Bar - No Health Dept. Food Permit required (see Restaurant or Social Hall if food services are provided)   | 5 gpd/seat                         |
| Barber Shop  | Gross s.f. x 0.20 = gpd            |
| Beauty Salon   | Gross s.f. x 0.35 = gpd            |
| Car Wash - Self Service Bay  | 250 gpd/bay                        |
| Car Wash - Recycled Bay  | 2,500 gpd/bay                      |
| Car Wash - Non-Recycled Bay  | 4,000 gpd/bay                      |
| Church (Worship center 1 EDU, add for accessory uses such as schools, etc.)  | 250 gpd                            |
| Commercial Condominium (Billing charges based on 250 gpd/unit)   | Gross s.f. x 0.03 = gpd            |
| Drug Store (Not to exceed 2 EDU's)   | Gross s.f. x 0.13 = gpd            |
| Food Carryout (With no indoor seating, i.e. donut, ice cream, some fast food)  | Gross s.f. x 1.00 = gpd            |
| Funeral Home (With embalming services)   | Gross s.f. x 0.31 = gpd            |
| Funeral Home (No embalming service)  | Gross s.f. x 0.02 = gpd            |
| Garage/Service Station (No Food Service)   | Gross s.f. x 0.04 = gpd            |
| Gas Station/Convenience Store (With Food Service)  | Gross s.f. x 0.35 = gpd            |
| Laundry & Cleaner (Professional service facilities)  | Gross s.f. x 0.31 = gpd            |
| Laundromat (Self-serve facilities)   | Gross s.f. x 2.00 = gpd            |
| Library  | Gross s.f. x 0.03 = gpd            |
| Marina (per slip)  | 25 gpd/slip                        |
| Medical Office Building <sup>4</sup>   | Gross s.f. x 0.13 = gpd            |
| Motel/Hotel Unit   | 63 gpd/room                        |
| Motel/Hotel Unit Efficiencies (with kitchen facilities; extended stay)   | 125 gpd/room                       |
| Office Building <sup>5</sup>   | Gross s.f. x 0.03 = gpd            |
| Post Office (Community - not to exceed 2 EDU's)  | Gross s.f. x 0.09 = gpd            |
| <b>Recreational Facility</b>   |                                    |
| Theatre/Sports Arena/Recreational Facility (No food service)   | 1 gpd/seat                         |
| Theatre/Sports Arena/Recreational Facility (With food service)   | 5 gpd/seat                         |
| Health Club or Public Park based on fixture table below  | Fixture Table Below                |

| CLASSIFICATIONS  | Gallons Per Day/EDU <sup>1,2</sup> |
|--|------------------------------------|
| Restaurant (Requires Health Dept. Food Permit)   | 13 gpd/seat                        |
| Retail/Dept. Store (stand-alone) less than 12,000 s.f. (Sq. ft. for accessory uses subtracted from store total and calculated by category of use)    | Gross s.f. x 0.03 = _____ gpd      |
| Retail/Dept. Store (stand-alone) greater than 12,000 s.f. (Sq. ft. for accessory uses subtracted from store total and calculated by category of use) | Gross s.f. x 0.02 = _____ gpd      |
| Shopping Center/Strip Mall (mixed use or uncertain) <sup>6</sup>   | Gross s.f. x 0.18 = _____ gpd      |
| Social Hall/Meeting Rooms (for rental i.e. Elks, Knights of Columbus etc.)   | Gross s.f. x 0.07 = _____ gpd      |
| Supermarket  | Gross s.f. x 0.05 = _____ gpd      |
| Swimming Pool 500 gpd/pool minimum or based on fixture table below   | 500 gpd minimum                    |
| Warehouse  | Gross s.f. x 0.015 = _____ gpd     |
| <b>AGRICULTURAL - No properties currently being served</b>   |                                    |

An alternative method used to project average daily flows generated from commercial establishments, public service buildings or dwelling units can be figured on the basis of total floor area, number of building units or service seats multiplied by a statistical factor<sup>3</sup>.

**FLOW PROJECTION FOR USES WHERE THE SIZE OF THE FACILITY MAY NOT BE PROPORTIONAL TO THE POTENTIAL FLOWS**

| Type of Fixture | Proposed Gallons per Day per Fixture |
|-----------------|--------------------------------------|
| Showers         | 200                                  |
| Baths           | 300                                  |
| Lavatories      | 100                                  |
| Toilets         | 98                                   |
| Urinals         | 65                                   |
| Sinks           | 33                                   |

Flow Projection for country clubs and similar type establishments may be made on the basis of plumbing fixtures with the approval of the Chief Engineer. The related statistical flow figures per unit of plumbing fixture are shown in the tables above.

Determination of EDU's for proposed uses not listed in this document will be determined on a case-by-case basis by the Chief Engineer. Notwithstanding the guiding factors listed elsewhere in this table, the Chief Engineer at his/her discretion, may establish flow projections for specific properties on a case-by-case basis, at rates lower than those published on this table, if in the Chief Engineer's opinion the owner has demonstrated that significantly less water should be used and/or significantly less sewage should be produced by a specific building or use because of the proposed utilization of water saving technology or because the owner has demonstrated that similar buildings in other locations use significantly less water and/or produce significantly less sewage.

<sup>1</sup> Equivalent Dwelling Unit (EDU) is based on the average daily water use and the average daily volume of sewage produced by a single family home. Billing and allocation of EDUs are based on 250 gpd/EDU. Fraction of an EDU gets rounded up to the nearest whole number.

<sup>2</sup> For design purposes an EDU is based on 300 gpd for water, and 250 gpd for sewer.

<sup>3</sup> Adopted from the MDE "Wastewater Capacity Management Plan Guidance Document" and the Anne Arundel County "Flows Estimate for Capital Facility Connection Charges"

<sup>4</sup> Includes doctor, dental and veterinary offices

<sup>5</sup> Each condominium office unit to be a minimum of 1 EDU.

<sup>6</sup> EDU's assigned for individual units within a shopping center to be adjusted based upon actual occupancy

Originally adopted October 1, 1977; revised July 1, 1981, September 13, 2007, October 11, 2007, and March 1, 2009.

Amendment: Highlighted text is to be added to Section 1.1.

## 1. GOALS, POLICIES AND RELATED PLANS

### 1.1 Goals and Policies of the Comprehensive Water and Sewerage Plan:

The Comprehensive Water and Sewerage Plan is a growth-management tool of the land planning process, and is incorporated by reference into the County's Comprehensive Land Use Plan ("Quality of Life in St. Mary's County – a Strategy for the 21st Century"). State planning legislation has identified various visions for future growth, and charged local governments with the responsibility for managing growth and ensuring that infrastructure will support its anticipated development. Accordingly, the Comprehensive Land Use Plan has been adopted to preserve and enhance the quality of life by recognizing and protecting the unique character of St. Mary's County as a rural Chesapeake Bay peninsula, to foster economic growth and to create an atmosphere of excellence by focusing and managing growth to create vibrant, attractive communities, by protecting the rural character and economy of the countryside, by nurturing the shoreline and adjacent waters and by preserving and capitalizing on the other natural resources and historical quality of the County.

In support of these visions, a key component of the Comprehensive Land Use Plan is a Water Resources Element (Chapter 7) that assesses current and projected capacities and deficiencies in water supply systems, wastewater treatment plants, and stormwater management facilities. It also assesses development impacts on receiving waters based on the future development supported by the plan. The plan identifies strategies to achieve federal and state mandated water quality standards in all watersheds in the county. It also supports a proactive watershed planning program that integrates land use planning with water resource protection and it recommends a proactive monitoring program that assesses the effectiveness of stormwater management practices and watershed restoration actions while tracking progress toward achieving water quality standards.

Where planned water and sewer service areas overlap with sensitive areas, including the watersheds of Tier II streams, Rare, Threatened, and Endangered (RTE) species areas, State Stronghold Watersheds, designated Nontidal Wetlands of Special State Concern, or the Chesapeake Bay Critical Area Resource Conservation Area (RCA), this Comprehensive Water and Sewerage Plan benefits from the protection of the Comprehensive Land Use Plan, and the ordinances that implement it: the Zoning Ordinance, the Subdivision Ordinance, and the Stormwater Management, Grading, Erosion and Sediment Control Ordinance.

Because the nature of this Water and Sewerage Plan is a continuing planning process, it has been and will continue to be changed, modified, and revised to meet the evolving needs of St. Mary's County. In this regard, the policies that are presented in this plan reflect current realities and anticipations, but, in terms of the County's responsibility in land use planning, the scope of the water and sewerage plan looks beyond the

*RESOLUTION*

**WHEREAS**, pursuant to §9-503 of the Environment Article of the Annotated Code of Maryland, the Commissioners of St. Mary's County are required to review the St. Mary's County Comprehensive Water and Sewerage Plan (hereinafter the "Plan") at least once every three (3) years and to submit to the Maryland Department of the Environment any revision or amendment of the Plan that the Commissioners of St. Mary's County (hereinafter "the Commissioners") consider necessary; and

**WHEREAS**, §1.5 of the CWSP and Chapter 113 of the St. Mary's County Code set forth the procedures for amendment; and

**WHEREAS**, Sections 9-503 and 9-506 of the Environment Article of the Annotated Code of Maryland require a public hearing prior to the adoption of a revision or amendment of the CWSP; and

**WHEREAS**, following due notice published in the October 24, 2014 and October 31, 2014 editions of *The Enterprise*, a newspaper of general circulation in St. Mary's County, the St. Mary's County Planning Commission (hereinafter the "Planning Commission") conducted a public hearing on November 10, 2014 to consider the CWSP 2014 Review and Report; and

**WHEREAS**, the Planning Commission 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, the St. Mary's County Code, and of consistency with the St. Mary's County Comprehensive Plan; and

**WHEREAS**, the Planning Commission concludes that adoption of the CWSP 2014 Review and Report would promote the public health and safety, and amending the CWSP is necessary and appropriate.

**NOW THEREFORE BE IT RESOLVED** by the St. Mary's County Planning Commission to recommend to the Commissioners of St. Mary's County that the CWSP 2014 Review and Report be adopted and that the CWSP be amended as detailed in Exhibits 1 thru 8 of the October 21, 2014 public hearing staff report.

**BE IT FURTHER RESOLVED** by the St. Mary's County Planning Commission that the foregoing recitals are hereby incorporated and adopted as if fully set forth.

**BE IT FURTHER RESOLVED** by the St. Mary's County Planning Commission that this Resolution shall be effective upon its adoption.

Date of Adoption:

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**ST. MARY'S COUNTY PLANNING COMMISSION**

\_\_\_\_\_  
J. Howard Thompson, Chair

Attest:

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Phillip J. Shire, Director  
Department of Land Use and Growth Management