

St. Mary's County 2014 - 2015 Programmatic Two-Year Milestones

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
General Topic Area, e.g., Urban Stormwater				
2014 & 2015	Stormwater retrofit analysis & design	Develop options & designs for selected projects	DPWT	Budgeted: \$1M Design Consultant(s) selected for retrofit of 75 facilities by Dept. of Public Works & transportation. County Schools, Dept. of Rec & Parks, Have developed list of private facilities.
2014 to 2017	Stormwater retrofit construction	Implement 15 currently identified SWM retrofit projects	DPWT	DNR capital facilities improvement grant sought for final design & for construction of 15 projects Proposal cost \$2,885,232
2014 to 2017	Stormwater retrofit construction	Implementation of projects recommended resulting from above <i>Stormwater retrofit analysis & design</i> milestone	DPWT	CIP requests \$4M for projects
2015	Improve SWM & project implementation capacity	Hire project manager	DPWT	Budget request for full time project manager to oversee SWM retrofit projects
2014 & 2015	Improve homeowner awareness & implementation of BMPs to reduce & manage SWM	St Mary's River Watershed Association's <i>River Friendly Neighborhoods Rewards Program</i>	SMRWA	Expand Neighborhood Certification Program piloted in 2012 & 2013
2014 & 2015	Track & report on Homeowner BMP implementation	Results from Stormwater Management & Restoration Tracker "SMART" tool	UMD & DLUGM	FY 2015 Pilot the tool & report the results for St Mary's County
2014 to 2017	Track street sweeping performed by DPWT	Maintain & report results from street sweeping log for lbs collected with streets treated & dates	DPWT	Log system implemented in 2013 for reporting beginning in FY2014.

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Septic				
2014	BAT Installation:	Goal 115 systems	HD Env. Health	\$1.51M awarded for FY 2014 & \$500K additional requested; 83 grants awarded as of November 2013
2015	BAT Installation	Goal 225 systems	HD Env. Health	\$2.25M requested for FY 2015
2014	Track & report number of OSDS pumped & volume of effluent disposed of at WWTP facilities	Set up procedures to track & report OSDS pumping	HD Env. Health; MetCom	Beginning in FY 2015 report septic pumping data
2015	Pursue approval of credits for Sand Mound OSDS denitrification	Identify sand mound OSDS locations in GIS database & establish procedures for adding data for new systems	HD Env. Health; DLUGM	Work with MDE & appropriate workgroup to establish denitrification credits for existing & new sand mound OSDS
WWTP				
2015	Marlay Taylor Water Reclamation Facility ENR Upgrade	Completed ENR retrofit	MetCom	Contract Awarded October 2013. Construction completion anticipated July 2015
2014	Retrofit Airedele Road Shared Mound Septic System serving Critical Area homes in Ridge, MD.	Tentative project to provide BAT to community mound system	MetCom & HD Env. Health	Negotiation with MDE (& possible law change?) necessary allow use of BRF funds to pay for BAT retrofits of shared community septic system
2015	Investigate expansion of Marlay- Taylor Water Treatment Plant capacity through land application & or water reuse.	Add investigation as a CIP project for MetCom	MetCom	Investigate water reuse to discharge treated effluent from M-T WWTP for ground discharge to land in Mattapany Rural Legacy Area to provide both capacity for <ul style="list-style-type: none"> • growth & • WIP recommended connection of existing development on septic to sewer service
2015	Revise capacity reservation procedures for sewer connections	CWSP update	MetCom, DLUGM & BoCC	Consider CWSP policy change including sunset provisions for capacity reserved for undeveloped projects.

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Ag—MDA will submit primary milestones on behalf of county				
2015	Develop Horse Manure Composting Facility	Proposal for facility & funding mechanism	SCD & DPWT	
2014 & 2015	Certify farms for nutrient trading program	Achieve certifications for additional farm operations	MDA & SCD	FY 13 –4 farmers certified
Federal--See attached Navy Milestone documents				
2014 & 2015	Use BMP Inventory & assessment	Use Assessment to implement BMP retrofits by the project management & engineering branch	NAVY	
2014 & 2015	SWM retrofits	Design 15 SWM retrofit projects at PNAS	NAVY	
2015 & 2015	Septic system identification & management	Septic systems connected to public sewerage system	NAVY	In 2013 4 septic systems on Patuxent River Naval Air Station were identified for analysis of function and possible connection to sewer.
2014 & 15	Shoreline repair at Point No Point facility	128 feet of erosion control	NAVY	
Forestry				
2014 & 2015	Improve tracking & reporting of forest loss, mitigation planting & afforestation and Buffer establishment required by CA & FC regulations.	Improve tracking and reporting of acreage for forest loss, mitigation & afforestation planting & Buffer establishment	DLUGM	In 2013 began mapping FC easements in GIS database (with data entry working from new to old) In 2014 continue FCE mapping with goal; to add other permanent easements and CA planting agreements and areas.
2014 to 2017	Establish forest mitigation banks	Set up approved sites for mitigation banks	Alliance for the CB; Private property owners	Support for Feb 2014 ACB grant proposal to NFWF for outreach, education, and establishment of forest mitigation banks to improve coastal forest coverage and enhance climate resiliency of forests. WIP credits to be tracked and reported for resulting forest enhancements

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Other				
2014 & 2015	Oyster reef establishment	Track oyster reef ball installation on 5 acre reef placed in Horseshoe Bend St. Mary's River.	SMWRA	Monitor & report on oyster production & expansion of reef to continue in 2014 & 15.
2014 to 2017	Analyze County shorelines & develop a management plan to recommend appropriate shoreline BMPs & Buffer management	Streamlined implementation of shore erosion control projects with improved tracking & reporting for implemented projects	SCD, NRCS, VIMS	Seek grant funding to develop a management tool for use by landowners & agency staff to improve management of shoreline erosion.
2014	Compile recommendations for SWM Fee required as part of NPDES permit	Present recommendations to BoCC in FY 2015		FY 2013 County was a recipient of a technical assistance training SWM program development and financing. Recommendations due in FY 2014.