

Best Management Practice Review

The Chesapeake Bay jurisdictions implement Best Management Practices (BMPs) to achieve the goals set forth in the 2010 TMDL. Through the *Protocol for Development, Review and Approval of Loading and Effectiveness Estimates for Nutrient and Sediment Controls*, newer practices and technologies are considered and evaluated for inclusion in the Chesapeake Bay Program partnership modeling tools. Existing practices are re-evaluated to ensure they reflect the best available scientific data and information. Below is a table depicting the BMPs identified for review and the status of those reviews.

Source: http://stat.chesapeakebay.net/?q=node/130&quicktabs_10=3

Best Management Practice (BMP) Expert Panels Approved, Underway, or Planned*					
Workgroup	BMP	BMP Status (new/existing/interim)	Panel Start Date (Mo/Yr)	Panel Status**	Next Steps***
Urban	New State Stormwater Performance Standards	New	10/11	APPROVED (10/9/2012)	
Urban	Urban Stormwater Retrofits	New	10/11	APPROVED (10/9/2012)	
Urban	Urban Nutrient Management	Existing	12/11	APPROVED (3/11/2013)	
Agriculture	Poultry Litter	N/A (Model Data)	05/11	Panel membership chosen and developing volumetric database for historic and present poultry litter production.	Full panel recommendations to Agriculture Workgroup (AgWG) by July 2013.
Agriculture	Agricultural Nutrient Management, Precision/Decision Agriculture, and Enhanced Nutrient Management	Three existing and one interim	12/11	Panel and subgroups formed. Finalized background report approved. Panel reviewed and commented on interim BMP proposal.	Short-term recommendations for Phase 5.3.2 Watershed Model (WSM) to AgWG by September 2013; full recommendations to AgWG by late 2013 or early 2014.
Agriculture	Traditional and Commodity Cover Crops	Existing	02/11	Panel and subgroups formed. Draft background expert interview draft under review. USDA modeling support being established.	Full panel recommendations to AgWG by September 2013.
Agriculture	Conservation Tillage and Continuous No-Till	Existing	02/12	Panel and subgroups formed. Draft background expert interview draft under	Full panel recommendations to AgWG by September 2013.

				review. USDA modeling support being established.	
Forestry	Urban Tree Planting/Expanded Tree Canopy	Existing	03/12	Developing Recommendations	Recommendations to Forestry Workgroup in Spring 2013.
Forestry	Riparian Forest Buffers	Existing	03/12	Developing Recommendations	Recommendations to Forestry Workgroup in Spring 2013.
Urban	Urban Stream Restoration	Existing	12/11	Draft panel report approved by USWG on 2/19/13. Approved by Watershed Technical Workgroup (WTWG) on 4/5/13. Currently under WQGIT review.	Water Quality Goal Implementation Team (WQGIT) will consider draft report in May 2013.
Urban	Enhanced Erosion and Sediment Controls	Existing	07/12	Panel has held four meetings, and has largely completed the research review phase.	Recommendations to Urban Stormwater Workgroup (USWG) in Summer 2013.
Urban	Illicit Discharge Elimination	New	07/12	Panel has held four meetings, and has largely completed the research review phase.	Recommendations to USWG in Summer 2013.
Urban	Urban Shoreline Erosion Control Practice	New	01/13	Panel held first meeting January 2013.	Recommendations to USWG in Winter 2013.
Urban	Urban Filter Strip/Stream Buffer Upgrade Expert Panel	New	02/13	Panel has held first meeting as of February 2013.	Recommendations to USWG in Winter 2013.
Wastewater	Advanced Onsite Systems	New	01/12	Developing recommendations	Recommendations to Wastewater Treatment Workgroup (WWTWG) in May 2013.
Watershed Technical	Algal Turf Scrubbers	New	03/13	Panel formed and first meeting scheduled.	Recommendations to WWTWG in July 2013.
Agriculture	Manure Treatment Technologies	New	TBD		Panel will launch after Poultry Litter Data is complete.
Agriculture	Animal Waste Storage Systems	Existing	TBD		
Agriculture	Manure Injection/Incorporation	New	TBD		
Agriculture	Cropland Irrigation Management	New	TBD		
Agriculture	Agricultural Stormwater Management (including Animal Feeding Operations (AFO) production area structures)	New	TBD		
Agriculture	Cropland Drainage	New	TBD		

	Phosphorus-sorbing materials				
Agriculture	Heavy Use Pads (including poultry, concrete end, and litter load out)	New	TBD		
Agriculture	Sink-Hole Grassed Buffers	New	TBD		
Agriculture	Vegetative Environmental Buffers (including wind breaks/plantings)	New	TBD		
Forestry	Forest Management	New	TBD		
Urban	Impervious Disconnect	New	TBD		
Urban	Floating Wetlands	New	TBD		
Urban	Street Sweeping (including catch-basin clean outs and bulk sediment removal)	Existing	TBD		
Urban	MS4 Minimum Management Measures	New	TBD		
Wastewater	Advanced Onsite Systems, Part 2 (broader view)	New	TBD		

* Last updated April 16, 2013

** The order of BMPs listed in the table may not reflect the launch order of future panels, which is decided by the respective sector workgroup.

*** BMP Panels' next steps and expected report dates are subject to change.