

Summary of How Other Source Sector Workgroups are Updating Their E3 Scenario Definitions

The basic approach being followed by the Agriculture and Urban Stormwater workgroups in updating their definitions within the Partnership's E3 scenario are to apply the most pollutant reduction efficient BMPs at levels of 100% of available land areas across the watershed. Both workgroups are factoring in all the significant number of new BMPs adopted by the Chesapeake Bay Program partnership since the last update to the E3 scenario before the publication of the Chesapeake Bay TMDL in December 2010.

Urban Stormwater Workgroup

Following are the assumptions used by the Urban Stormwater Workgroup in their recent work in reaching consensus on updating their definitions for the Partnership's E3 scenario:

- The E3 Scenario is an estimate of applying management actions to the fullest possible extent.
- The E3 Scenario is a "what-if" scenario of watershed conditions with theoretical maximum levels of managed controls on all load sources.
- It is used with the No-Action scenario to define controllable loads, the difference between No-Action and E3 scenario loads.
- There are no cost and few physical limitations to implementing BMPs for point and nonpoint sources in the E3 scenario.
- For most nonpoint source BMPs, it was assumed that the load from every available acre of the relevant land area was being controlled by a suite of existing or innovative practices.

The Urban Stormwater Workgroup has already approved its updated definitions within the Partnership's E3 scenario.

Agriculture Workgroup

For agriculture sector, the number of BMP categories has more than tripled since the previous version of E3. This includes all the BMPs and their pollutant reduction efficiencies developed by BMP Expert Panel over the past decade and approved by the Agriculture Workgroup and the Water Quality Goal Implementation Team. These BMPs also include a number of original BMP categories with revised efficiencies recommended by their respective BMP expert panels. Generally, the revised pollutant reduction efficiencies are greater than previous ones.

And like the Urban Stormwater Workgroup, the Agriculture Workgroup is applying this enhanced list of BMPs to the available acreages of cropland, pasture land, and hay land across the Bay watershed.

The Agriculture Workgroup has a conference call scheduled for Wednesday, October 5th at which the members are being asked to approve the new agriculture sector definitions for the Partnership's E3 scenario.