



Phase 6 E3 Scenario

Urban, Forestry & Septic

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Phase 6 BMP

Stormwater Management - New Development

Bold italics indicates changes since Oct, 2016 version

E3 Implementation Level

100% of new development has Runoff Reduction BMPs sized for 2.0 inch Impervious area

Runoff Reduction Retrofits sized to treat 1.5 inch Impervious area for 75% of each urban land use type
(accommodates physical limitations)

Stormwater Management - Retrofits

Stormwater Management Composite

100% of area that can be managed

Erosion & Sediment Control

100% of construction sites are treated to ESC Level 3 and have high-risk Urban Nutrient Management plans

100% eligible Pervious Cover has Urban Nutrient Management Plan implementation which is split 20% High Risk and 80% Low Risk

Urban Nutrient Management

Forest Buffers

Urban Tree Canopy

All turfgrass (no canopy) within 30m of all streams and rivers that's unbuffered - from high-resolution land cover

10% gain (2,400 additional acres) of canopy from now (2013) by 2025

Street Cleaning

100% of Transport Impervious Cover swept using SCP-1

Advanced Grey Infrastructure Nutrient Discovery Program & Storm
Drain Clean Outs

5% of Urban N and P load removed due to both credits

Urban Stream Restoration

15% of urban stream miles are restored @ twice the default Stream Restoration value.

Stream miles from Chesapeake Conservancy synthetic data layer at lower order than National Hydrography Dataset (NHD).

Shoreline Erosion Control

Any practice along urban-dominated tidal shorelines that prevents and/or reduces tidal sediments to the Bay. Shoreline practices can include living shorelines, revetments and/or breakwater systems and bulkheads and seawalls.

Using new buffer data set of buffered:unbuffered shoreline to define domain.

Septic Connections

10% of septic systems connected to wastewater treatment facilities

Septic Denitrification Enhanced

100% of systems remaining after connections

Resource BMPs

Forest Harvesting BMP

Forest Conservation

DiploidOysters3

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100% of Harvested Forest area

No net loss of true forest

MD = 112 M oysters; VA = 280 M oysters