

Background for the Development of the E3 Urban Practices for Phase 7

The E3 Scenario is an estimate of applying management actions to the fullest possible extent. The following were the baseline assumptions during the Phase 6 E3 scenario development:

- A “what-if” scenario of watershed conditions with theoretical maximum levels of managed controls on load sources
- It is used with the No-Action scenario to define controllable loads, the difference between No-Action and E3 loads.
- There are no cost and few physical limitations to implementing BMPs for point and nonpoint sources in E3.
- 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.

Among the primary responsibilities for the USWG during the development of the Phase 7 E3 scenario is to establish how to handle new BMPs approved in the years since the last E3 scenario. Here is the list of urban BMPs Updated or Approved since October 2016:

Urban Nutrient Management

- Soil Test
- No Soil Test
- Non-Fertilized Turf
- Sunsetting of the State-Legislation BMP

Stream Restoration:

- Protocol 1,2 and 3, 5 (outfalls)
- Default rate is now only allowable for planning purposes

Conservation Landscaping

Coagulant-Enhanced Treatment Ponds

Floating Treatment Wetlands

Impervious Cover Disconnection

Urban Tree Canopy Expansion