Operation and Maintenance

MS4 Workshops – Pollutant Reduction and TMDL Stormwater Plans

Fall 2016

Tom Wolf, Governor
John Quigley, Acting Secretary

Training Goals

• To understand what needs to be submitted with your PRP regarding O&M
• Describe resources to assist in determining appropriate O&M

A. Existing BMPs

To take credit against current load:
  – Provide the O&M activities and frequencies now being performed for each BMP
**Existing BMP: Basin O&M and Frequency**

- Catch Basins and Inlets (upgradient of infiltration basin) are inspected and cleaned at least two times per year and after major runoff events.
- The vegetation along the surface of the Infiltration basin is maintained in good condition, and bare spots revegetated.
- Vehicles are not driven on the basin, and care is taken to avoid compaction by mowers.

**Existing BMP: Current O&M and Frequency**

- Inspected after runoff events to make sure that runoff drains down within 72 hours (mosquito control).
- Inspected for accumulation of sediment, damage to outlet control structures, erosion control measures, signs of water contamination/spills, and berm stability.
- Minimal mowing.
- Remove accumulated sediment from basin as required. Restore original cross section and infiltration rate. Properly dispose of sediment.
B. Future BMPs

The PRP must provide for each BMP:
- Party(ies) responsible for O&M;
- Activities involved with O&M; and
- Frequency of O&M activities

MS4 permittees will need to identify actual O&M activities in Annual MS4 Status Reports submitted under the General Permit.

O&M Resource Information

1. PA BMP manual
2. Chesapeake Bay materials
3. Proprietary resources?
4. Other?

Future BMP

Subsurface infiltration bed
Subsurface Infiltration Bed

Party(ies) Responsible

BMP 6.4.3: Subsurface Infiltration Bed

Planned maintenance and frequency:

• Catch basins, inlets and filters will be inspected and cleaned at least 2 times per year
• The overlying vegetation will be maintained in good condition and bare spots revegetated
• Vehicular access will be prohibited, and care should be taken to avoid excessive compaction by mowers.

Thank you.