Potomac River DWSP Partnership
Our Interest in MS4s

Quarterly Meeting
August 27, 2014
Overview / About MS4s

• MS4 = Municipal Separate Storm Sewer System (MS4)
  • Regulated under the Clean Water Act as point source discharges
  • MS4 regulations were developed and implemented in two phases, based on population:
    – Phase 1: >100,000
    – Phase 2: Small MS4s in "urbanized areas" (as defined by the latest decennial census)

• Can be Individual Permits or General Permits

• TMDL Requirements / TMDL Implementation Plans
List of MS4s within Source Water Areas

**Phase 1 (8):**
- District of Columbia
- Frederick County, MD
- Carroll County, MD
- Montgomery County, MD
- Howard County, MD
- Fairfax County, VA
- Arlington County, VA
- Prince William County, VA

**Phase 2 (43):**
- City of Hagerstown, MD
- Washington County, MD
- Emmitsburg, MD
- City of Frederick, MD
- City of Gaithersburg, MD
- City of Rockville, MD
- Town of Myersville, MD
- Town of Smithsburg, MD
- US Army – Fort Detrick, MD
- WSSC, Washington Aqueduct
- Naval Surface Warfare Carderock
- NIST-Gaithersburg
- Mont Co. Dept of Parks
- MD Army National Guard, MD
- Town of Middletown, MD
- Town of Thurmont, MD
- Town of Taneytown, MD
- National Navy Medical Center, MD
- MD MVA
- Federal CIA, Virginia
- City of Fairfax, VA
- Fairfax County Public Schools, VA
- City of Falls Church, VA
- George Mason University, VA
- Town of Leesburg, VA
- Town of Herndon, VA
- James Madison University, VA
- Loudoun County, VA
- City of Manassas, VA
- City of Manassas Park, VA
- Prince William Public Schools, VA
- City of Harrisonburg, VA
- VDOT
- GW Memorial Highway, VA
- Fred County Public Schools, VA
- Town of Vienna, VA
- City of Winchester, VA
- PA Statewide General Permit
- PA Dept of Transportation
- City of Martinsburg, WV
- Berkeley County Commission, WV
- WV Dept of Transportation
Benefits to Source Water Protection

Better understand of source areas from watershed studies

Water Quality Monitoring and Assessment

Illicit Discharge Detection and Elimination

Erosion & Sediment Control Programs

Water Quality Improvements
  • Stream restoration
  • Wetland creation
  • Stormwater management projects

Road Maintenance (inlet maintenance, street sweeping, etc.)

Major Pollutant Reductions (TMDL/Chesapeake Bay Program)

Public Education & Outreach