

# 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

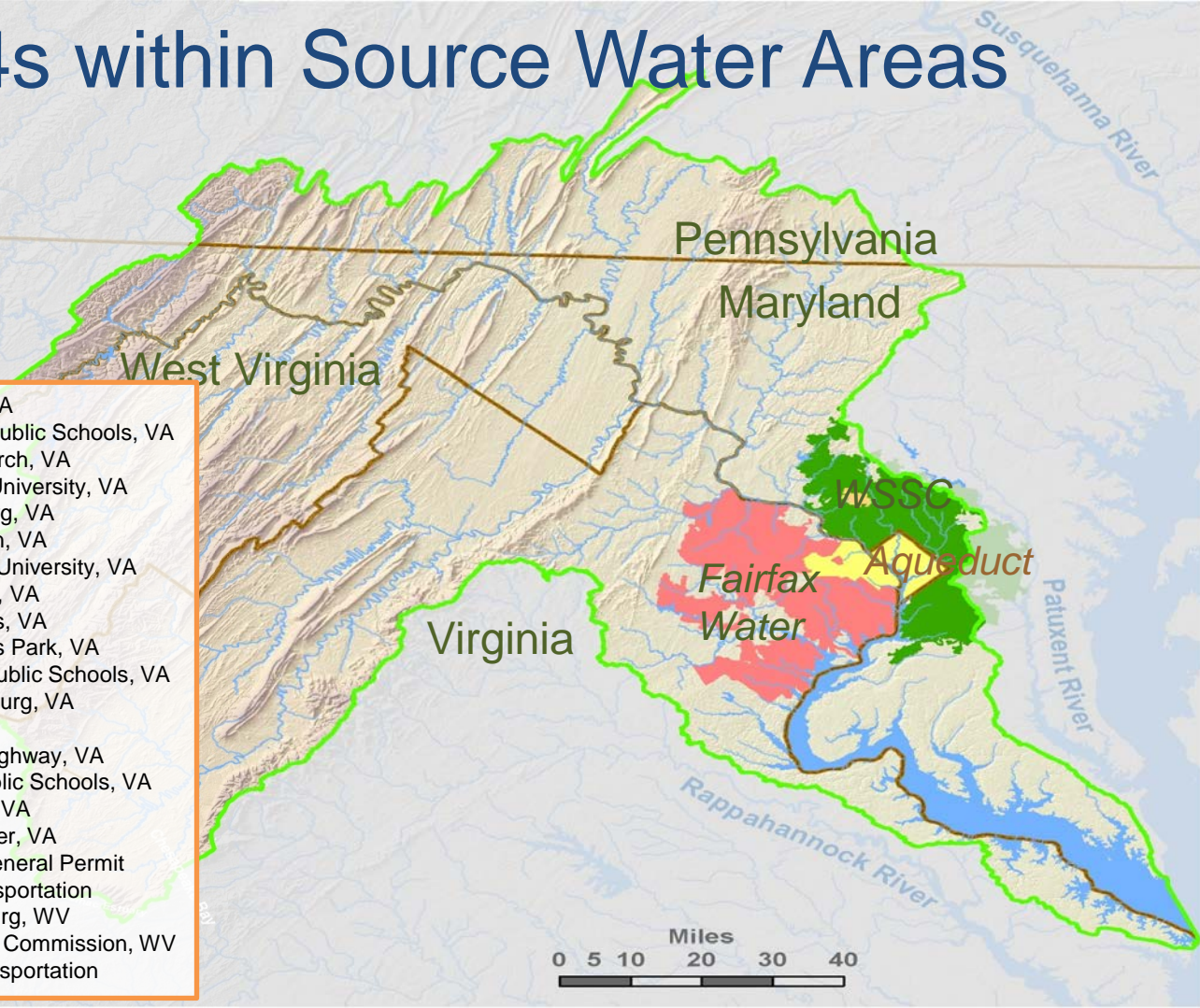
## Phase 1(8):

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  
MDOT  
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

