Decoding UCMR3

Clear Communication With The Public About Drinking Water Contaminants





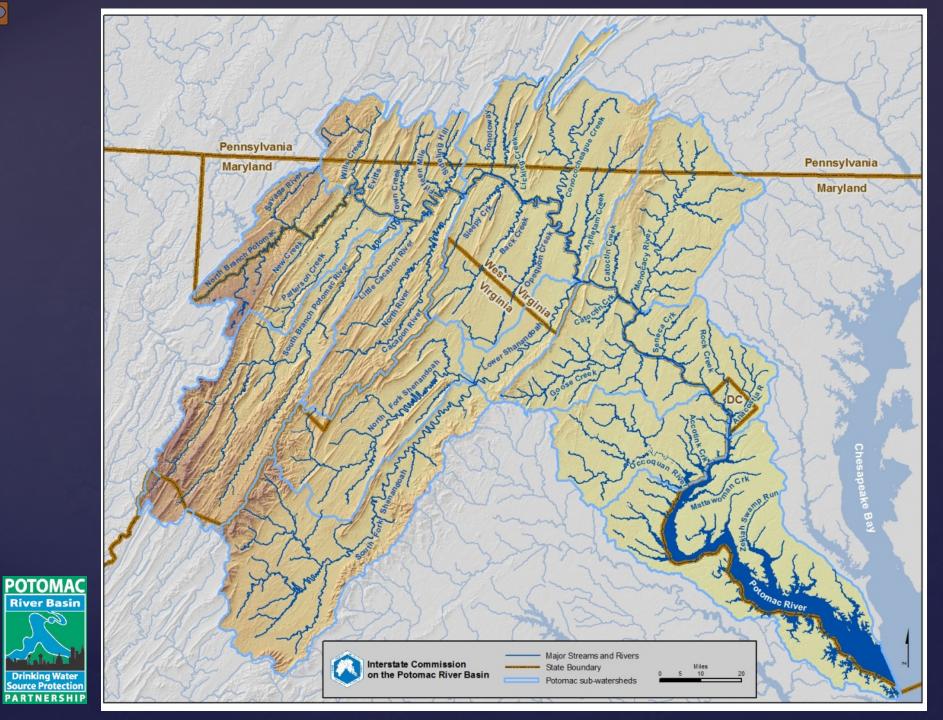
October 25, 2013

Potomac Drinking Water Source Protection Partnership

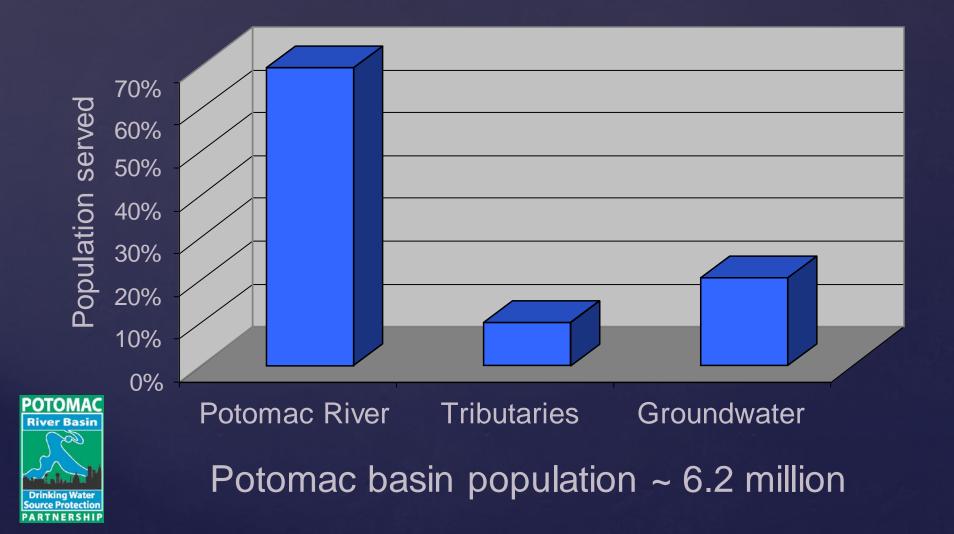
Source Water Protection in the Potomac River Basin







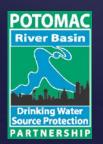
Sources of Drinking Water

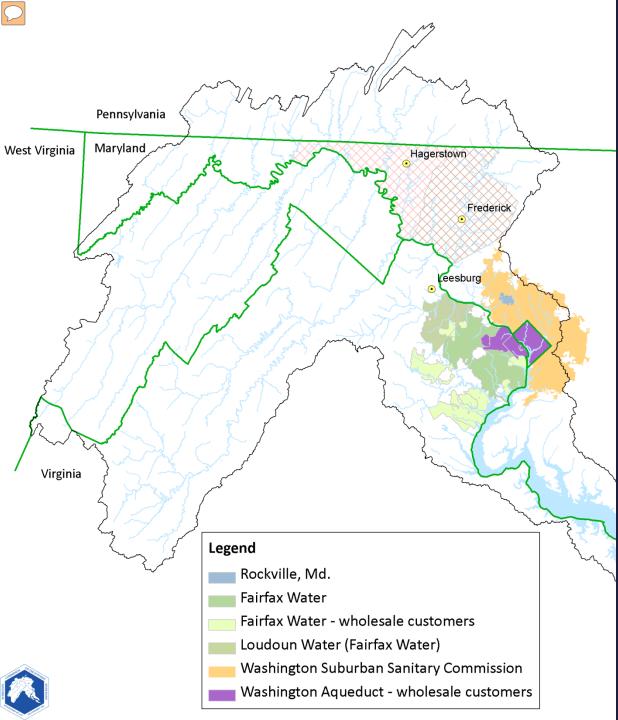


Drinking Water Source Protection Partnership

- Identify regional priorities
- Promote communication
- Coordinate approach for high quality drinking water







- Washington Aqueduct, DC
- City of Hagerstown, Md.
- City of Rockville, Md.
- Frederick Co. DUSWM, Md.
- Washington Co., Md.
- WSSC, Md.
- Fairfax Water, Va.
- Loudoun Water, Va.
- Town of Leesburg, Va.
- District of Columbia
- Maryland
- Pennsylvania
- Virginia
- West Virginia
- EPA
- USGS
- ICPRB

Protection Strategy

Determine issues of concern







Develop strategies to protect source water

- Agricultural Land Use
- Urban Land Use
- Emerging Contaminants
- Spills of Hazardous Materials
- Disinfection By-product Precursors

Meetings and workshops Scientific studies Data inventory

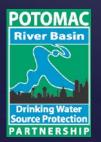
Partnership dialogue and action

- Comments on proposed regulations
- Outreach to agriculture and transportation communities
- Education and outreach



Work Groups

- Agricultural Issues
- Disinfection By-product Precursors
- Emerging Contaminants
- Early Warning & Emergency Response
- Reaching Out
- Urban Issues
- Water Quality Data



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Challenges

- Large land area
- Diffuse problems
- How to engage upstream/small/groundwater utilities
- Cannot always reach consensus





Benefits of Partnership

- Interstate and inter-agency communication
- Builds trust •
- Reduces duplication



Potomac River Drinking Water Source Protection Partnership and Strategy 5 Subobjective: Water Safe to Drink

Best Practices

FY 2008 Best Practices and

SEPA United States Environmental Protection

April 2009

End of the Year Performance Report

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- What To address drinking water quality concerns arising in source water areas, water utilities and governme counterparts have joined together to create the Potomac River Basin Drinking Water Source Protection Porthersitie.
- Who: The Potomac Partnership is a voluntary association of 19 members, including water supply and gover agency stakeholders in the Potomac basin.
- Why: Since source water protection is not mandatory this coalition of water utilities an enables a comprehensive approach to protecting water supply sources in the ba

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bud pescipterul Water soffmet, all der ogender responsible for the vater supply for about four million verbierte in the P waterhold have portversid at the Potonic Rive Diriking Vater Source Protection Tenternity to cooperatively or and potential lises that may affect the apply of diriking vater source. The Potonic Parmentiph has ident prosp. Fostand on participant, emerging continuous, divident prosp. Fostand on participant, emerging continuous, divident Committee and Utility Committees and was group activities committees and and Utility Committees and was group contribute common. The fost and Utility Committees and was group contribute common. The source Tenteman Utility Committees and reads group contribute common the source Tenteman Utility Committees and reads group contribute common the source Tenteman Utility Committees and reads group contribute common the source Tenteman Utility Committees and reads group contribute common the source Tenteman Utility Committees and reads and readered spectres. The source Tenteman Te nia and the on the Potomac River Basin (ICPRB), and Federal ag liers from the Washington, D.C. Metropolitan Area and ups us of its member

> roughout the Potomac Basin. The strat ups and active discussion at Partnership meetings. Its purpose ac River as source of drinking water for millions water supplies and helps to pr m and long term goals. For a copy of the strategy, go

> le's most basis need, or observation and an experimental providi currence and persistence as well as increased understanding dificially, training and tabletop exercises have helped enhance in and sofe drinking water during emergency situations. Partners and computational between Potomas River water utilities, loca

articipants, it has been valuable nanage organizational and administrative task

and End of Year Performance Report

Fiscal Year 2008



For more information

www.PotomacDWSPP.org

Karin Bencala Water Resources Planner Interstate Commission on the Potomac River Basin 301-274-8139 kbencala@icprb.org





Regulation Background

Victoria P. Binetti, USEPA Region III

Contaminant Occurrence, Fate, and Transport

Michael J. Focazio, PhD, USGS

Contaminant Health Effects

Christopher P. Weis, PhD, National Institutes of Health/National Institute of Environmental Health Science Lunch

:30

Roundtable Discussion

- Judy Ding, City of Rockville
- Lynn Thorp, Clean Water Action
- Micah Vieux, Loudoun Water
- Leslie Allen, WSSC
- Caroline Nguyen, WSSC
- Lisa Ragain, Aqua Vitae
- Vicky Binetti, EPA R3
- Michael Focazio, USGS
- Christopher Weis, NIEHS

