



WATER RESOURCES TECHNICAL COMMITTEE (WRTC)

WRTC 2022 POTENTIAL INITIATIVES

Flood resiliency information gathering

- Information on extent of flood damage to date, potential infrastructure at risk that could be compiled regionally and used by the Chesapeake Bay and Water Resource Committee members to advocate for federal and state resources
- Information on resiliency best practices at the jurisdictional level to be compiled by COG staff from members resources

Program cost information for regional stormwater fee and tax summary

- Better information on stormwater management program costs, to include uniform definition, breakdown of costs into various categories, such as capital and O & M

Assessment of long-term regional wastewater capacity

- Prepare regional wastewater flow and nutrient load projections through the year 2050 using the most recent COG population projections.

Other - ?

POTENTIAL WORKSHOP TOPICS

Flood Mitigation and Climate Resilience

- Potential changes to development and redevelopment stormwater requirements / local building regulations / floodplain building restrictions and work with developers on flood mitigation efforts
- Flood risk mapping efforts (in addition to FEMA floodplain mapping)
- Case studies of how local government are integrating water quality and quantity efforts
- How climate risk is changing operations and maintenance requirements for BMPs and collection systems

Environmental Justice

- How are other regions applying DEIJ metrics to their water quality efforts?

Water Quality Modeling and Monitoring

- In-depth discussion of Bay Program Phase 7 watershed model and tidal model plans

Stormwater Management - Financial

- Latest developments in P3 contracting and other innovative methods for funding stormwater BMP implementation
- Update on stormwater trading programs, such as the one managed by DC DOEE

Emerging contaminants

- Methods for addressing emerging contaminants, such as PFAS/PFOA, pharmaceuticals, endocrine disrupting compounds, microplastics

Groundwater status and trends

- Focus on climate change impacts on drinking water aquifers in the region, baseflow in streams, etc.

Salinization Mitigation Efforts

- Latest information on state and local efforts to reduce salt use

Other ?

