



# Developing Priority Areas for Sources of Drinking Water

Salt Summit IV

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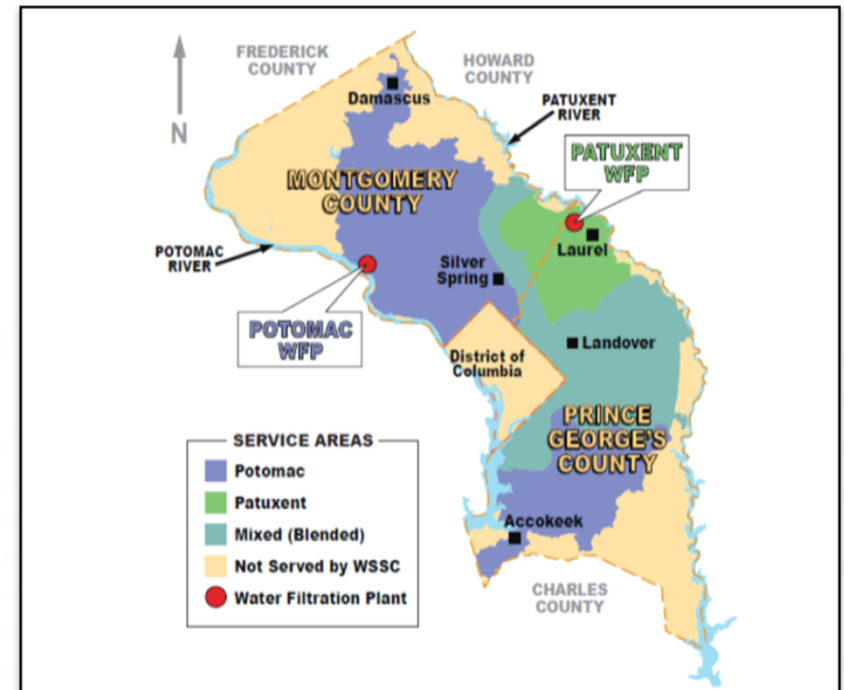
# Agenda

- Designating the Patuxent Reservoirs Watershed as a high priority, special salt management area within pending Salt Management Plans, required by municipal NPDES Stormwater Permits

# Patuxent Reservoirs Water Supply

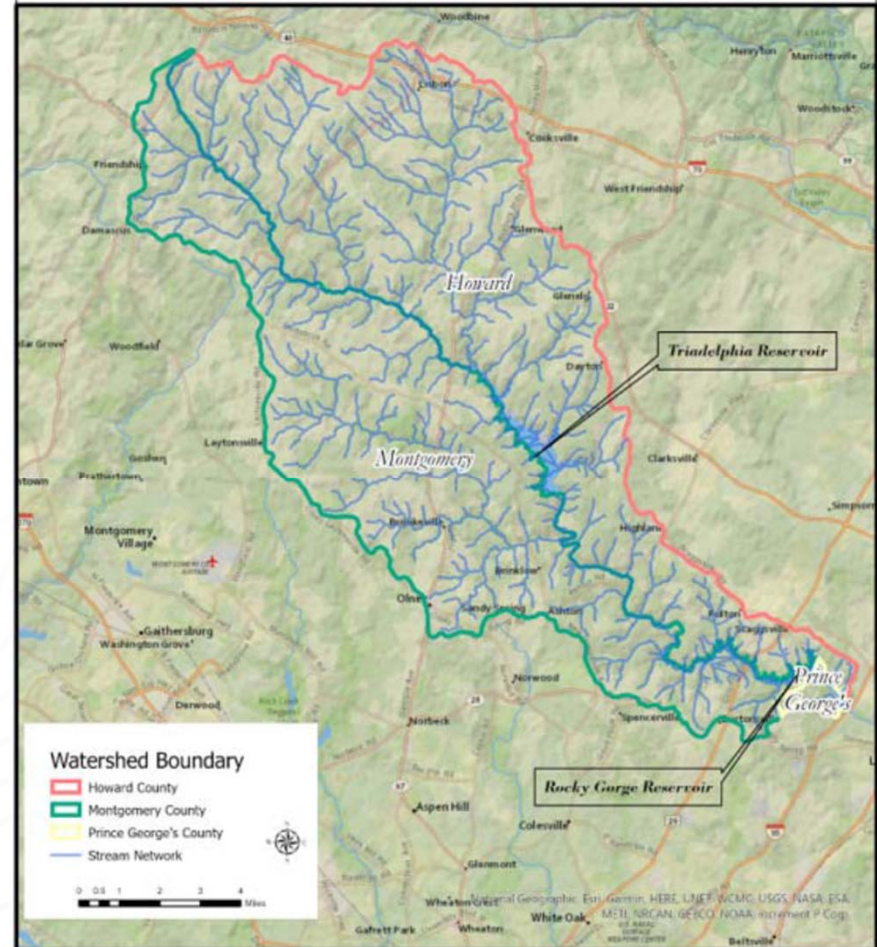


- Two reservoirs make up this supply along the Patuxent River
  - T. Howard Duckett (aka Rocky Gorge) Reservoir (downriver)
  - Triadelphia Reservoir (upriver)
- Water supply for ~30% of WSSC Water's 1.9 million customers



# Patuxent Reservoirs Watershed

- Patuxent Reservoirs Watershed (PRW) contained within Howard, Montgomery and Prince George's counties
- 132 square mile watershed comprised of residential, agricultural and forest land uses
  - WSSC owns ~6% of watershed area surrounding the reservoirs
- **About 84% of road miles within PRW managed by county agencies; 15% managed by MD DOT/SHA**



# Patuxent Reservoirs Watershed Protection Group



- Source Water Collaborative formed in 1996
  - Seven signatories to partnership Agreement
  - Comprised of a Policy Board and Technical Advisory Committee (TAC)
    - TAC also has representatives from MDA and MDE
  - Policy Board considers strategies and funding to address present or anticipated problems and work activities for the coming year
  - The TAC advises the Board on issues that may affect the reservoirs and their watershed



# Salt Management Plans (SMPs)

- SMP subject areas
  - Evaluating new equipment & methods
  - Training and Outreach
    - Developing a Salt Academy
    - Educating county residents
  - Tracking and Reporting
- SMP due by 3<sup>rd</sup> Year of current permit
  - Howard County (2025)
  - Montgomery County (2024)
  - Prince George's County (2025)

Municipal Stormwater Permit Language related to salt management

*“The County shall reduce the use of winter weather deicing and anti-icing materials, without compromising public safety, by developing a County Salt Management Plan (SMP) to be submitted to the Department in its third year annual report and implemented thereafter. The SMP shall be based on the guidance provided on best road salt management practices described in the Maryland Department of Transportation, State Highway Administration’s Maryland Statewide Salt Management Plan, developed and updated annually as required by the Maryland Code, Transportation §8-602.1. The County’s SMP shall include, but not be limited to: ...”*

## Next Steps

- TAC's Salt Working Group to finish justification/proposal for TAC review and approval
- If approved, TAC would propose this recommendation to the Policy Board for its consideration during 2024
- Policy Board could then make this request to county agencies to include the Patuxent Reservoirs Watershed as a special salt management area within their Salt Management Plans



**Questions?**



