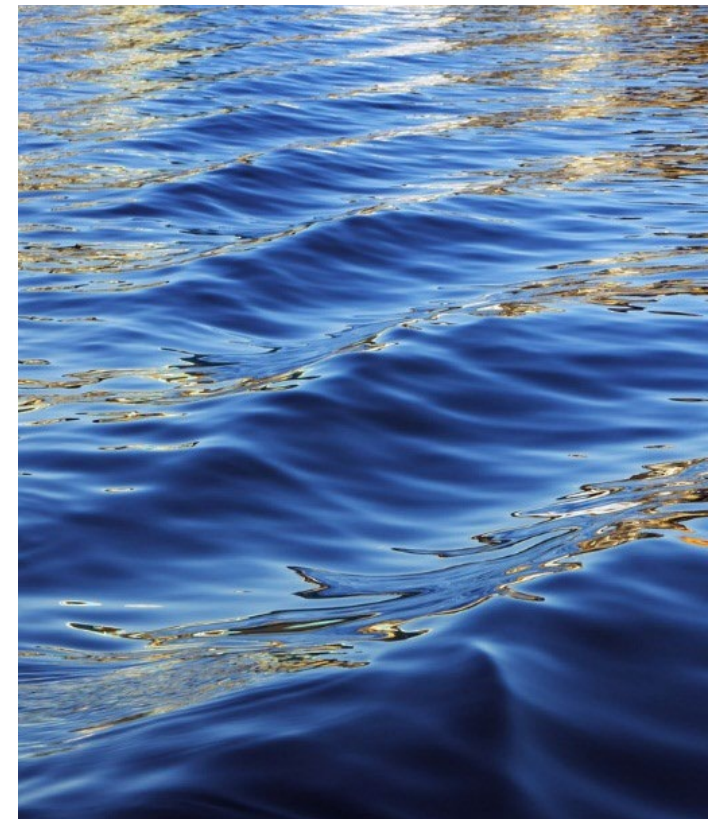




Welcome WEE Committee Panel Discussion

Resiliency in Infrastructure featuring
PennDOT, Pittsburgh Water and Sewer
Authority and Pennsylvania American Water





Agenda

- 10:20 Introduction of WEE Committee and Panelists
 - 10:30 Brief Presentation from each Panelist
 - 10:40 Moderated Panel Session
 - 11:20 Open Q&A
 - 11:30 Networking
- 

Meet Today's Panelists



Barry King, PE, PMP

Pittsburgh Water and Sewer
Authority

Director of Engineering and
Construction



Christopher Graf, PE

Pennsylvania American Water
Engineering Manager, Planning

Nicholas Vivian, PE

Pennsylvania Department of
Transportation

Hydrology & Hydraulic Section
Manager



PAAW Overview

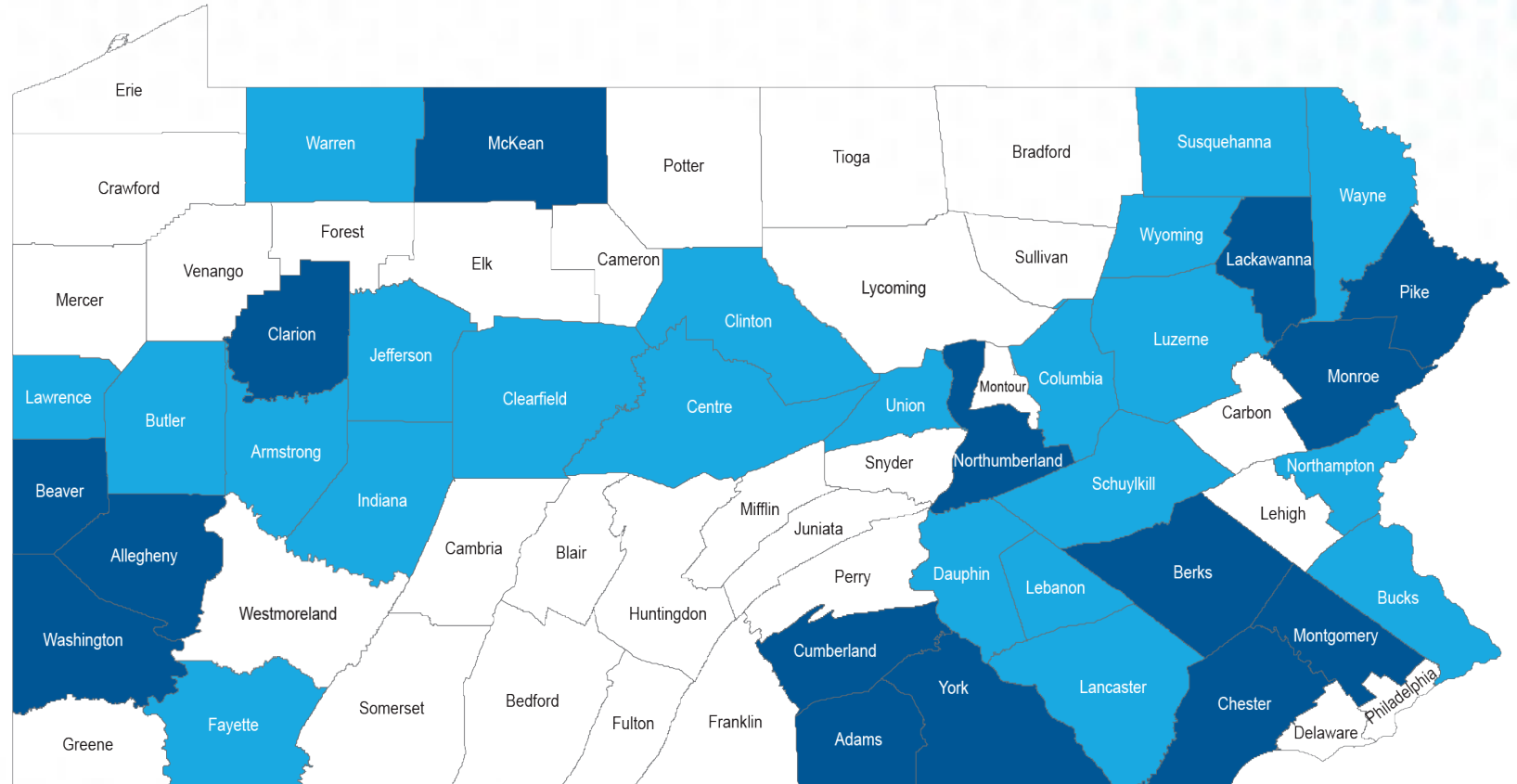
Christopher Graf, PE

About Pennsylvania American Water

Pennsylvania American Water is the largest investor-owned water and wastewater service provider in the Commonwealth.

Our approximately 1,200 employees serve:

- Approx. **2.4 million people** in **417 communities** in **37 counties** (19% of the population)
- **680,000 water customers**
- **97,000 wastewater customers**



Our Wastewater Systems



County	Wastewater Systems
Adams	Franklin/Hamiltonban
Allegheny	McKeesport/Dravosburg/Duquesne
Beaver	Koppel
Berks	Exeter
Chester	Coatesville/Sadsbury/Valley
Clarion	Clarion, Paint-Elk/Shippenville
Cumberland	New Cumberland
Lackawanna	Scranton
Luzerne	Foster Township West End
McKean	Kane
Monroe	Pocono, Blue Mountain
Montgomery	Royersford, Upper Pottsgrove
Northumberland	McEwensville, Turbotville
Pike	Delaware, Saw Creek, Marcel Lakes
Washington	Claysville
York	Fairview, York

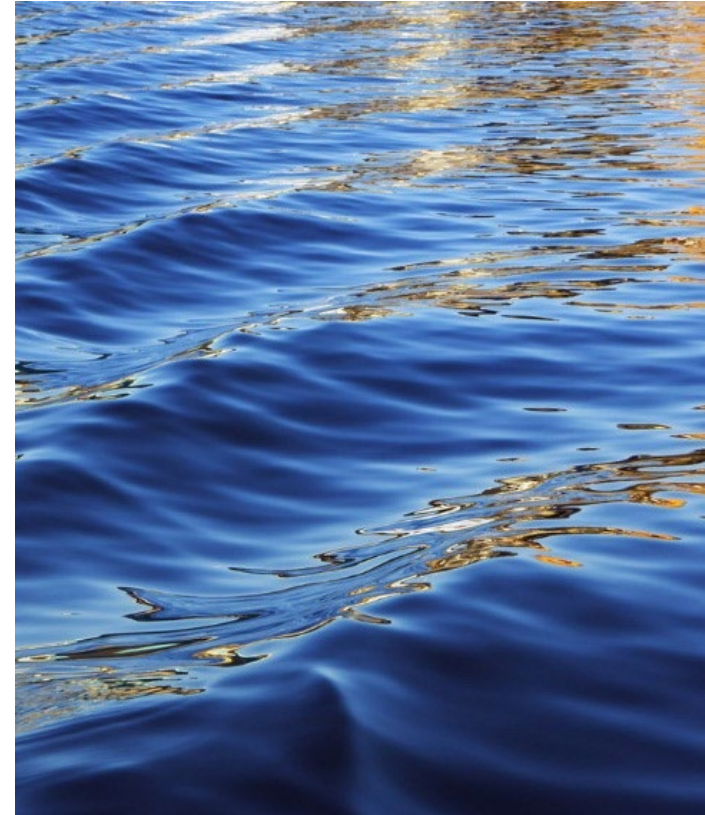
Resiliency Initiatives

- **Risk and Resilience Assessments:** Based on AWWA J-100 standards and in accordance with the requirements of the American Water Infrastructure Act. Completed as required for water systems and proactive for wastewater systems.
- **Uninterruptible System Service:** Evaluate all gradients within a system for the ability to maintain service consistently during outages.
- **Risk Asset Management Program:** Facilities evaluated and scored based on likelihood and consequence of failures
- **Pipeline Prioritization Models:** GIS based evaluation of Risk in pipelines. All sections evaluated for risk and given a prioritization score for pipeline replacement.
- **Others:** Gaseous Chemical Risk, Electrical Facilities Risk, Targeted work as needed



A Panel Discussion:

Featuring public and private sector leaders discussing resiliency, climate adaptation and infrastructure solutions for the future.





Questions and Answers



Networking

