Adapting to Change: Utility Systems and Declining Flows

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Taking a One Water approach to sustainable water management

Understanding how water management strategies like water use efficiency and water reuse strategies affect the interconnected urban water cycle is critical to optimizing future water management.
Technology and innovation enable us to “close the loop”

- Ozone
- Biofiltration
- Membrane Filtration
- Reverse Osmosis
- Ultraviolet Light
- Advanced Oxidation Processes
- Water Quality Monitoring Technologies
Evaluating key considerations for improved sustainability

Research reveals declining flows have impacts on the interconnected urban water cycle
Many utilities are feeling the impacts and working to adapt.
Implementing water reuse to achieve best and highest value for the water

- Non-Potable Reuse (aka “purple pipe”)
- Potable Reuse for Drinking Water Purposes
- Decentralized or “Onsite” Reuse
Let’s work together to advance sustainability of water

• Seek to fully understand implications of your actions for the entire interconnected urban water cycle

• Partner with urban water agencies to invest in smart regional strategies

• Advance new technologies to conserve, treat, monitor, and deliver high quality water sustainably
Questions?

*Check out white papers and policy principles at the CUWA website (www.cuwa.org).*