



February 2012 Mayor's Caucus

Ensuring Effective Water and Wastewater Management

- Current State and Challenges
- Development of Municipal Policies
- Water Services

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Dialogue on Current State and Challenges



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Water For Life Goals



Safe Secure Supply of Drinking Water



Healthy Aquatic Ecosystems



Reliable Quality Water Supplies for a Sustainable Economy

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Safe and Secure Supply of Drinking Water

Issues

- Rising Standards
- Aging Infrastructure
- Revenue Shortfalls
- Operator Shortages
- Ecosystem and Supply Issues

Potential Solutions

- Drinking Water Safety Plans
- Water Audits
- Full Cost Accounting
- Attraction and Retention Programs
- Regional Systems

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Healthy Aquatic Ecosystems



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Actions by Municipalities



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Reliable Quality Supplies for a Sustainable Economy



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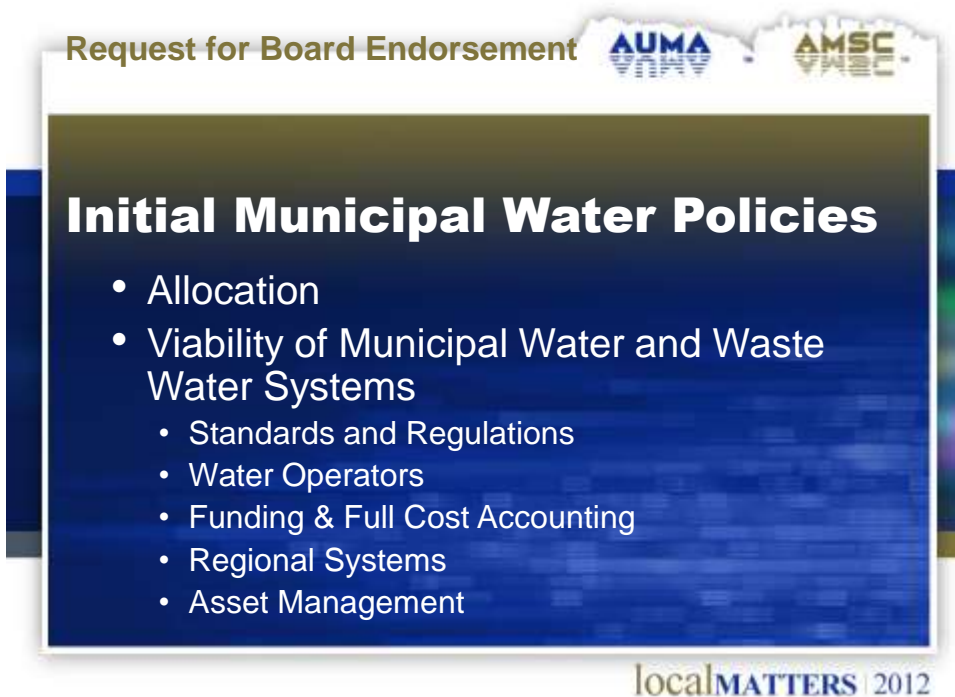


It's raining. Time to prepare for a drought



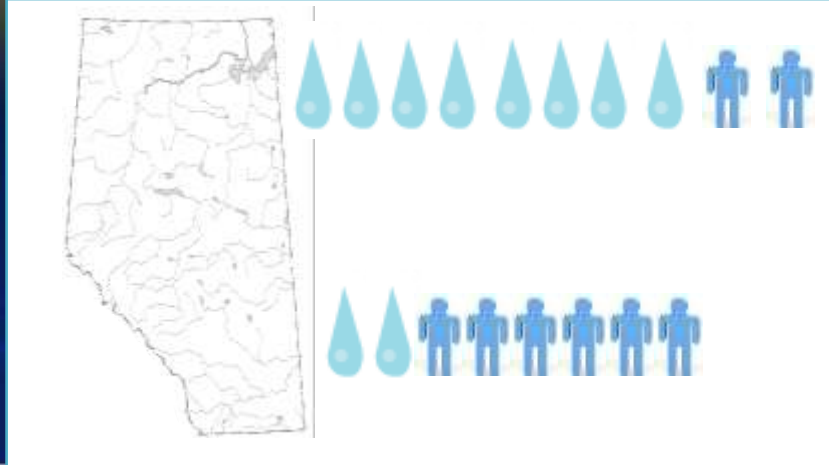
It's dry. Time to prepare for a flood.







Supply Does Not Match Demand



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Research and Consultation on Allocation

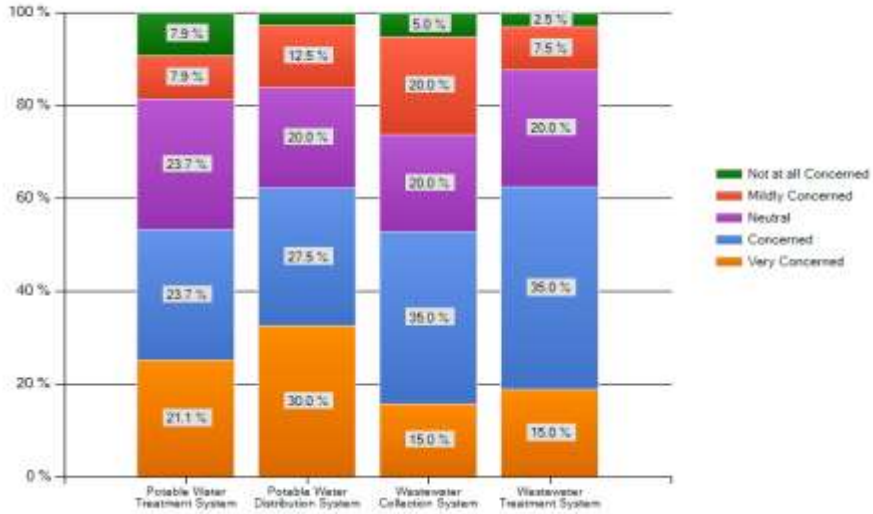


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Policy – Ensure Viability



Municipal Concern About The Long-term Financial Stability Water and Wastewater Infrastructure (Municipalities with Populations under 2,500)



Policy – Ensure Viability



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Need for Adequate Funding

	Operations & Maintenance	Debt Service	Non-Debt Capital Exp
Source of Supply			
Water Treatment			
Distribution			
Customer Accounts			
Administration			

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Regional systems

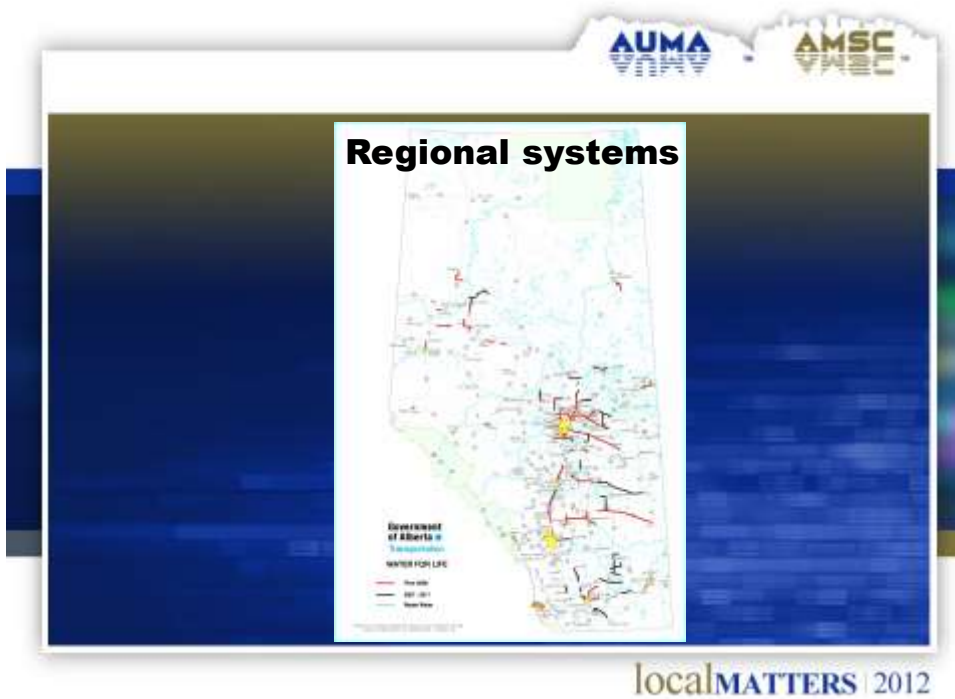
Pros:

- Access to water;
- Access to skilled operators; and
- Maximize economies of scale

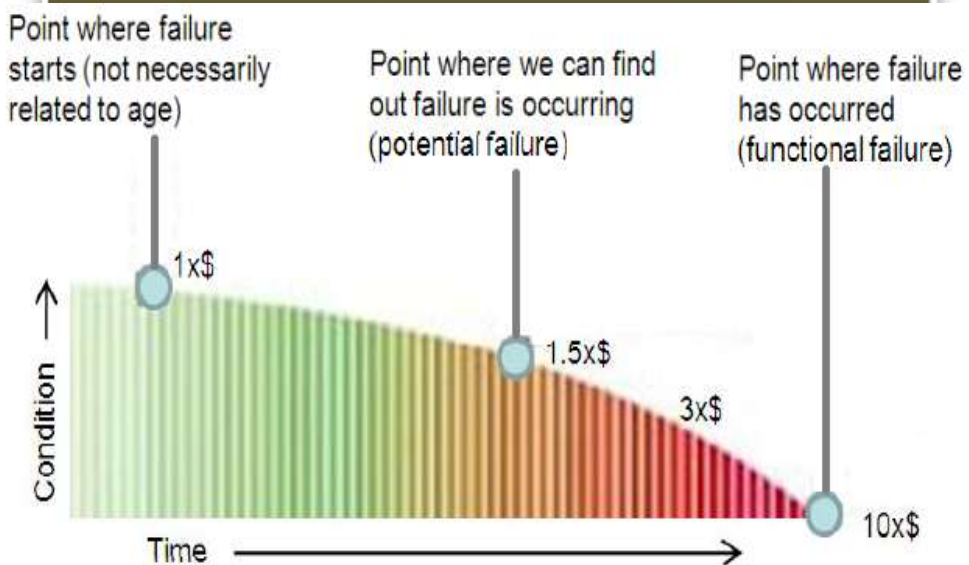
Concerns:

- Concerns over governance structures;
- Funding;
- Long term pricing; and
- Land use implications.

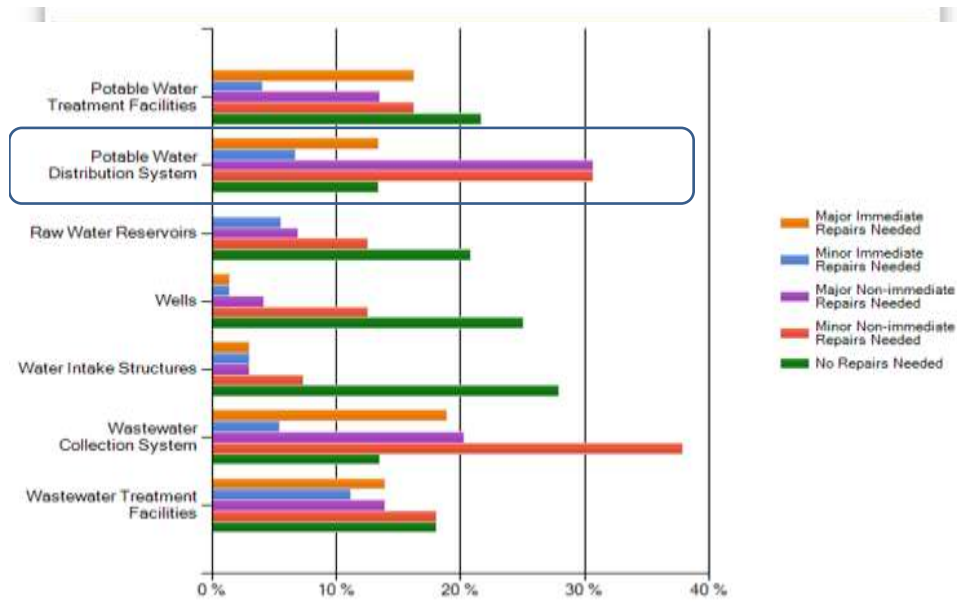
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Asset Management



Current Condition of Municipal Water & Wastewater Systems



AMSC Potential Water Initiative

Vision

- To develop a line of water services to strengthen municipal water system infrastructure that will:
 - Support safe and secure drinking water;
 - Increase the efficiency of water systems; and
 - Respond to the water system challenges of Alberta municipalities.

Objective

- AMSC Water Initiative potentially could include:
 - Audits;
 - Distribution system repairs and maintenance;
 - Facilitating municipal resources sharing; and
 - Metering and monitoring.



AMSC Potential Water Initiative

Key Deliverables

- Create a business case on providing water audits and other aspects of a comprehensive water loss control strategy;
- Create and complete a pilot AMSC Water Audit;
- Create a database on Alberta water and wastewater systems; and
- Create templates for AMSC water audits and water loss control for Alberta water systems.
- Currently, a RFP is being developed. This may result in a partnership with a larger service provider. In this scenario the AMSC would remain the key point of contact.

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Questions??

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