

Shared Water System Operations

A Presentaion for Discussion

March 26, 2003

Shared Water System Operations

Purpose of Presentation

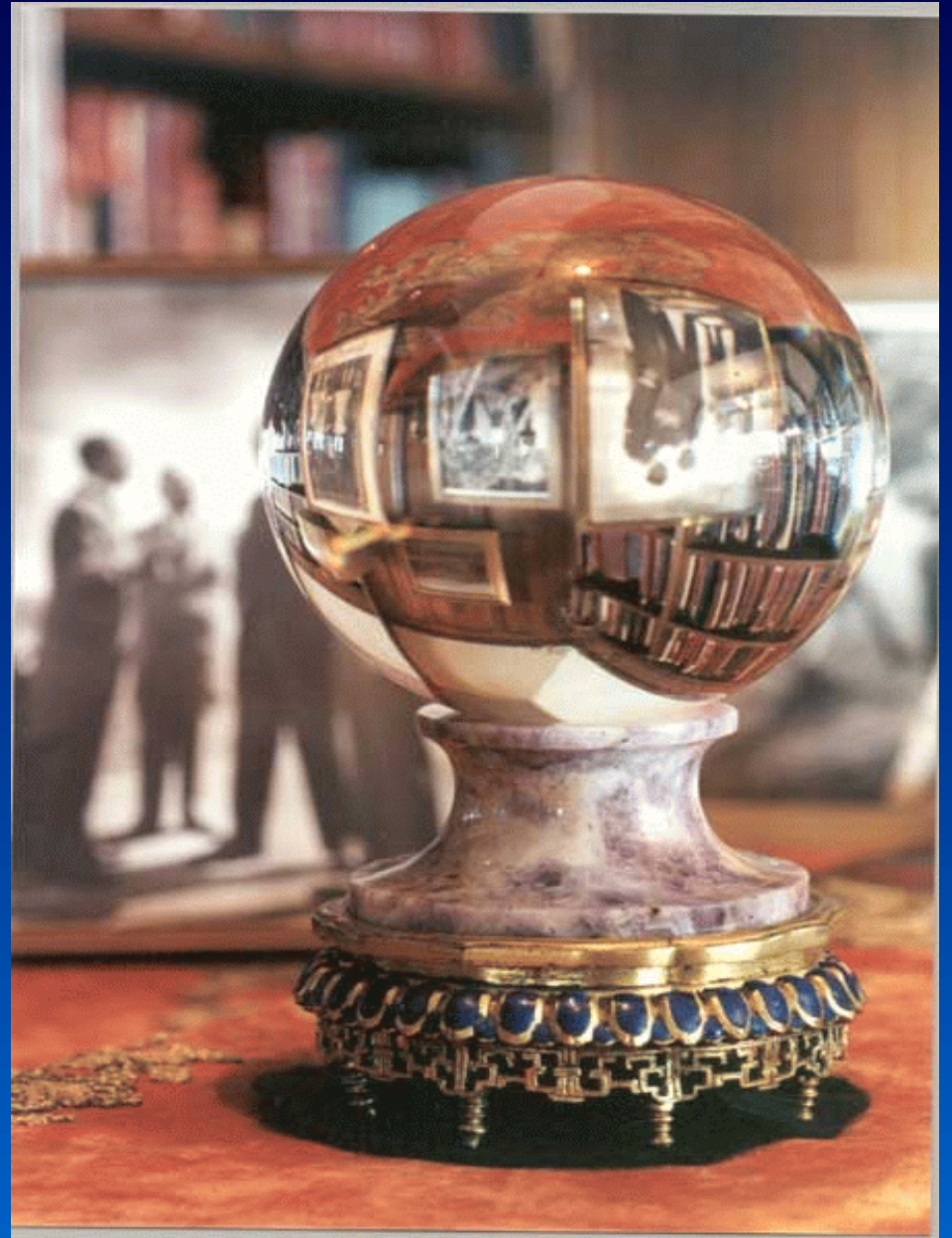
- Review models for Shared Water System Operations
- Discuss proposed funding available
- Seek your input and support for this initiative

Shared Water System Operations

Status of Existing Operations

- Water and sewer systems are usually operated by Communities incorporated under the Municipalities act. (This is the group that we are discussing in this presentation)
- Large number of independently operated water and sewer systems.
- Generally these water systems have the following characteristics:
 - < Low level of operator training.
 - < Limited knowledge of the water system by administrative and elected officials. Therefore, systems are not given the priority they require.
 - < Rarely have full time personnel dedicated to the water and sewer system operation and maintenance.
 - < Poorly maintained.
 - < Low level of operational requirements.
 - < Low level of reporting.

What will the operation
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Shared Water System Operations

What will the operation of water and sewer systems be like in the future?

- By examining other jurisdictions you can see the direction that the operations of water and sewer systems in Newfoundland and Labrador are headed.
 - < Increased requirements for trained and qualified operators. (Mandatory requirements for Licenced and Certified Water and Sewer Operators)
 - < Increased requirements for reporting on issues affecting water quality.
 - < Increased specification of required maintenance on water and sewer systems. (Requiring councils and committees to carry out certain maintenance tasks at regular intervals)
 - < As a result of increased operational, personnel and reporting requirements it is expected that communities will pool resources to keep the operation of their water and sewer systems cost effective.

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Possible Models for Operation

- There is a large range of possible models for shared water systems operations. They can range:

From

- < Water Authorities where the water and sewer systems are owned and operated by an independent authority. (Public or Private)

To

- < Formal agreement to share maintenance personnel and equipment amongst one or more towns.

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Proposed Funding Available

- The Province is **considering funding** the establishment of Shared Water and Sewer Operations. The funding may be available as follows:
 - < \$10,000 (Cost Shared) towards a study to evaluate the most cost effective way to organize and share your water system operations.
 - < Funding (Cost shared) to establish the Shared water authority.
Covering such items as:

Shared Water System Operations

Items Being Considered for Cost Sharing

Item Number	Description
1	Service Vehicle
2	Service Building approximately 20 ft by 30 ft
3	Operator's Salary for One Year
4	Operator's Training
5	Sewer Equipment, sewer snake and root cutter
6	Water system equipment 1. Leak Detector 2. Pipe and valve locator 3. Pipe tracer
7	Pipe thawing equipment
8	Water quality testing equipment
9	Miscellaneous accessories

Note: Some items may be shared between water authorities

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Minimum Requirements

- The province is looking at funding the establishment of Shared Water System Operations and are establishing minimum requirements to be met to be eligible for funding.
In General:
 - < There is a minimum size. The map on the next slide outlines the minimum region size that are desirable to the province. Posters of these maps will be put up in the meeting room for your review and comment.
 - < The province will consider requests covering larger areas.
 - < Formal operating agreement will be required.

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- Map(s) under development

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Feedback

- The province is still considering the funding of the Shared Water System Operations. As a result there is not a lot of detail in this presentation.
- Now is good time to voice your opinion.
- Approach any of the Municipal and Provincial Affairs Staff Engineering to discuss this program.
- Write to any of the regional engineers or myself at:

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He's feeling ashamed.
A couple of the other
engineers caught
him reading a manual.

