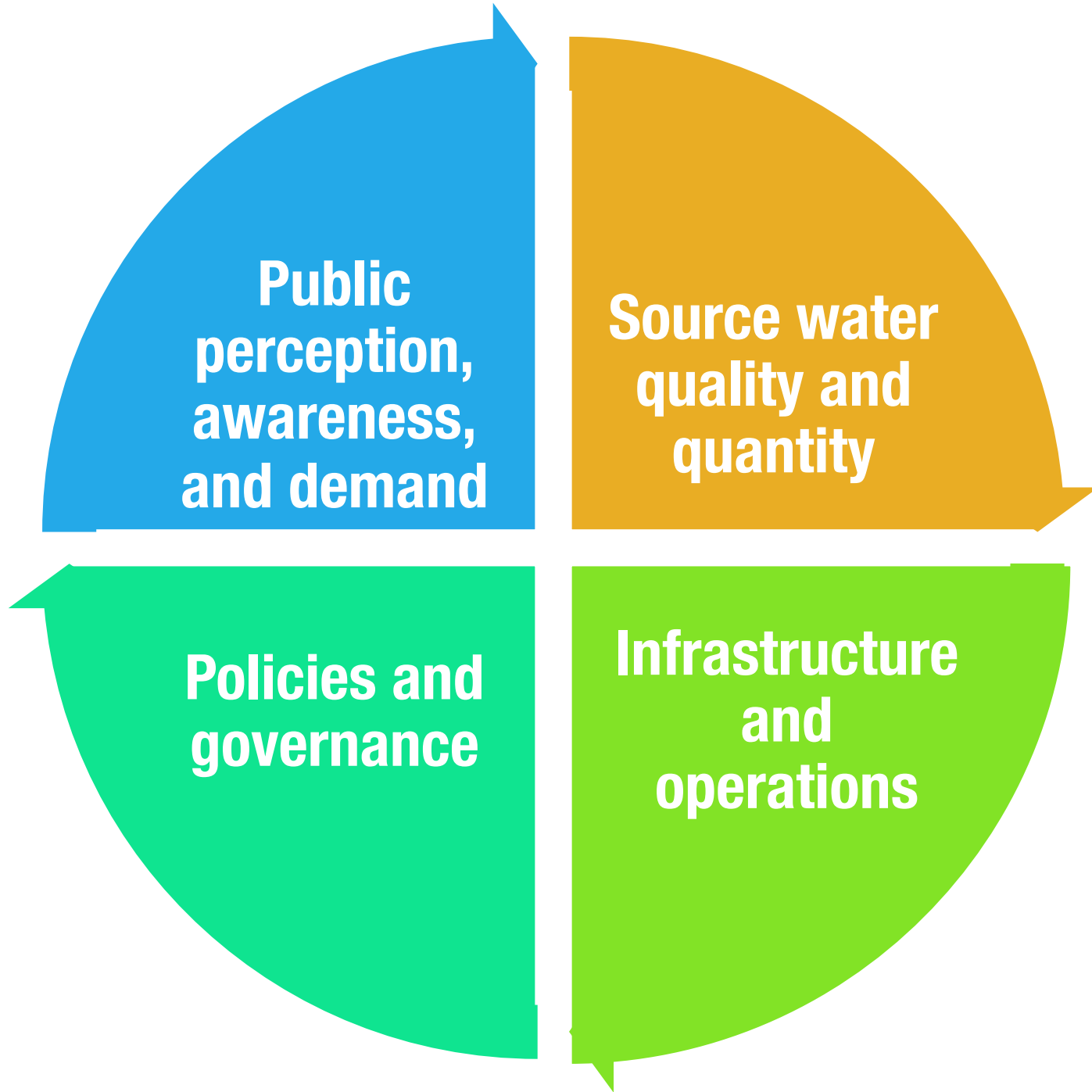


Promising Practices for Collaborations in Source Water Protection in Rural NL

**Sarah Minnes, PhD Student, Interdisciplinary Program
Memorial University of Newfoundland**

**CU EXPO 2015
May 28, 2015**





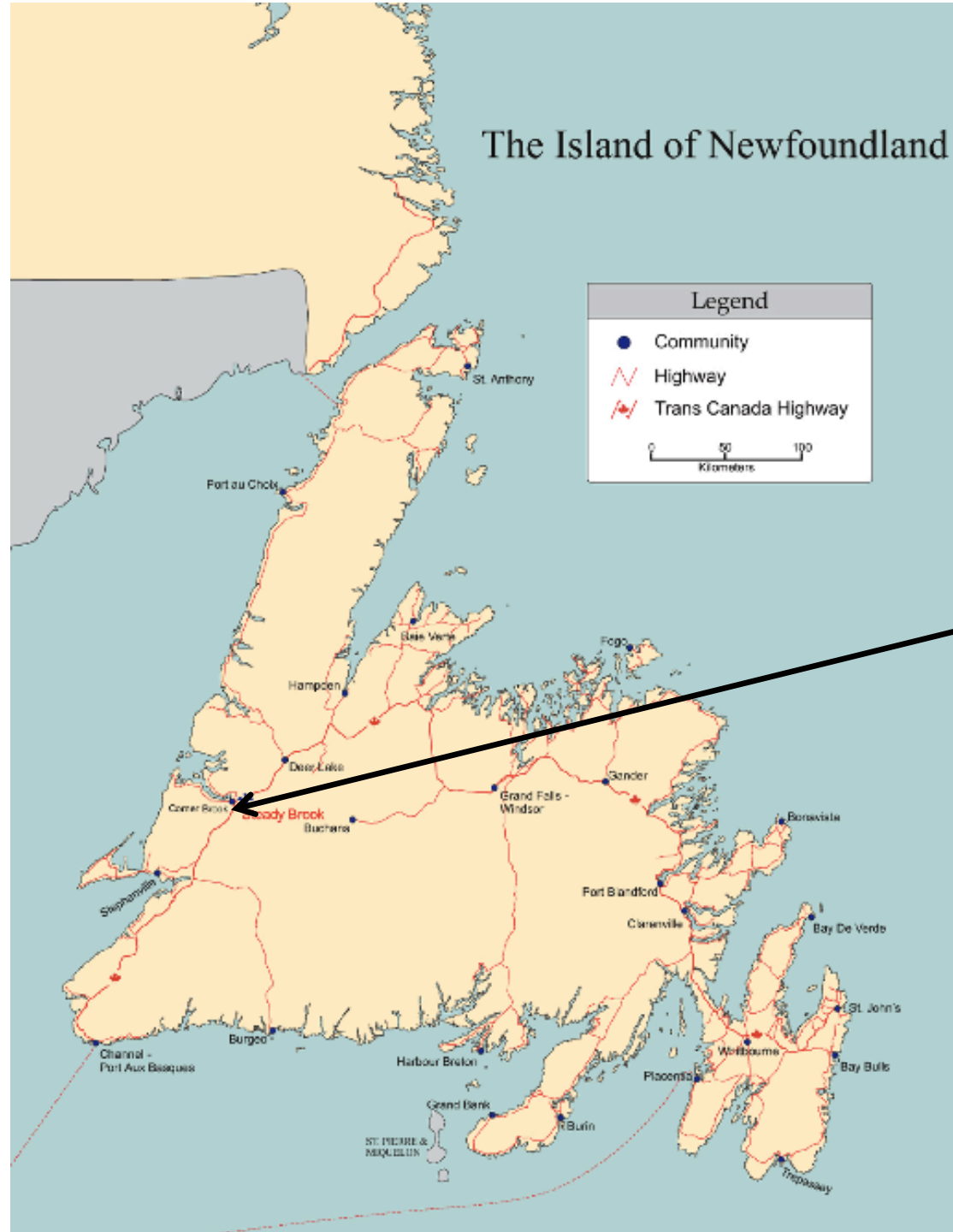




Source Water Protection Concerns in Rural NL

- ☒ **Voluntary / Unenforced**
- ☒ **Few Watershed Management Plans**
- ☒ **Lack of Support**
- ☒ **Public Awareness**

The Island of Newfoundland







PROTECTED WATER SUPPLY AREA

DEPT. OF ENVIRONMENT AND LANDS

It is an offence for anyone, without consent of the Water Resources Management Division of the Dept. of Environment, and the Town of Steady Brook, to carry out within this area, any development or activity which may impair the quality of the Public Water Supply.

Watershed Management Committee

Town councilors

**Corner Brook
Pulp and Paper**

**Department of
Environment and
Conservation**

**Department of
Natural
Resources**

**Marble Mountain
(ski resort)**

Residents

STEADY BROOK WATERSHED MANAGEMENT PLAN



September 2005



Natural Resources Canada
Ressources naturelles Canada

Canada

Corner Brook Pulp and Paper

- **Sediment**
- **Nutrients**
- **Petroleum Products**
- **Chlorination by-products from organic loading**



CBPPL's Operations



Relationship with CBPPL

“I would say they were excellent to work with. They were very good corporate people. I would have no complaints and no hesitation recommending that they could go into their water supply because I am sure they would protect it safely.”

- Municipal Representative



Voluntary Environmental Standards

- **ISO 14001:2004 Environmental Management Standard (ISO)**
- **CAN/CSA Z809:2008 Sustainable Forest Management (CSA)**
- **Forest Stewardship Council National Boreal Standard (FSC)**



“We can get the best of both worlds in there so they can do their cutting but not allow access for recreation. So that’s my shining star of a success as to why we have plans and why we have source water protection in general.”

- Provincial Representative

Lessons Learned

- **Proactive/committed local government**
- **Active presence of the Department of Environment and Conservation**
- **Funding for watershed management plan**



Thank you!



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