

MNL Municipal Summary Document

prepared by MNL with Dr. Kelly Vodden and Sarah Minnes

Municipal Symposium 2015

Partnerships

THE HARRIS CENTRE
Memorial University

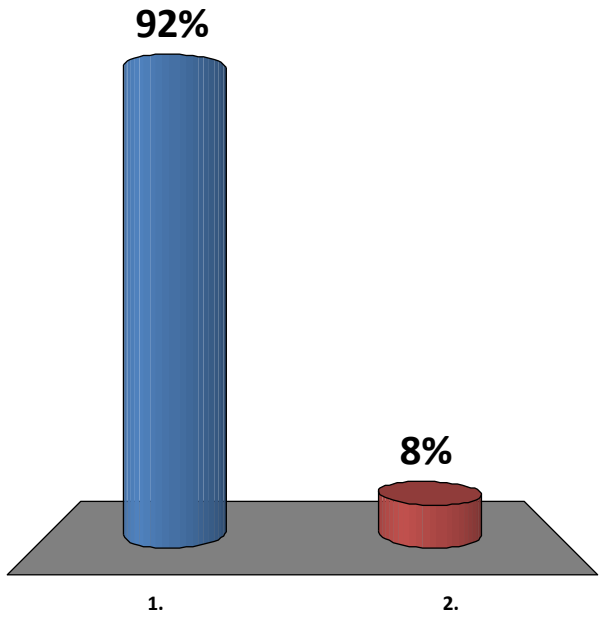
Municipalities
Newfoundland and Labrador

PMA
Professional
Municipal
Administrators

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Do you treat your drinking water?

1. Yes
2. No



#1 CAUSE OF DEATH:



Diarrhea attributed to untreated drinking water is the #1 cause of death of children in developing countries.

(*World Health Organization 2000*)

NL Drinking Water

Major concerns found in a recent rural drinking water report.

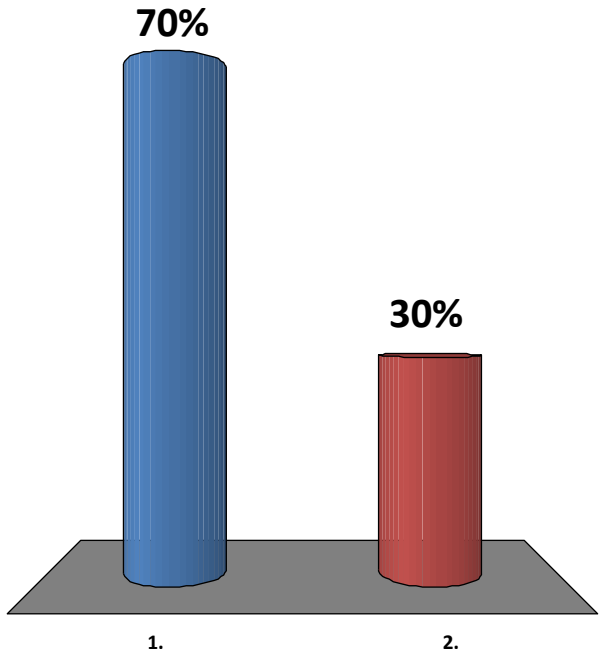
- **Management Neglect** **(Don't need a water operator)**
- **Lack of Training** **(Can't find a water operator)**
- **Insufficient Funding** **(Can't afford a water operator)**

2015, Rural Drinking Water Study, conducted by Dr. Kelly Vodden

exploring SOLUTIONS for rural drinking water SYSTEMS

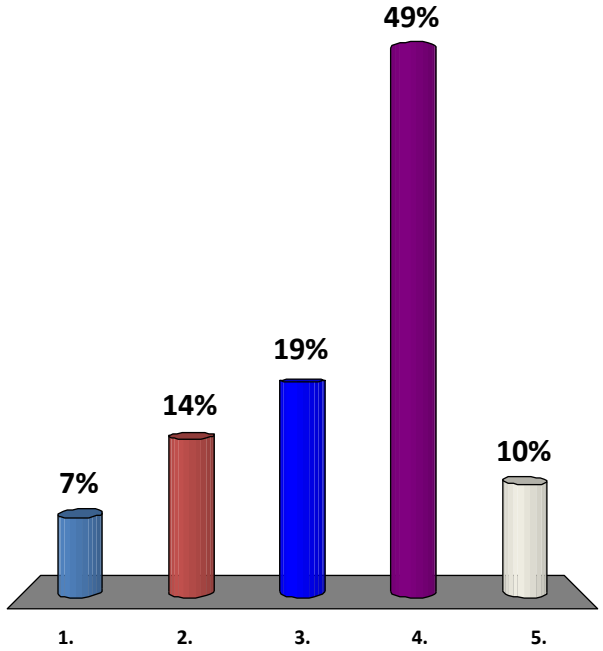
Do you have a certified water operator?

1. Yes
2. No



Why don't you have a certified water operator?

1. We don't need a water operator.
2. We can't find a water operator.
3. We can't afford a water operator
4. None of the above.
5. All of the above.



Walkerton Tragedy:

Issues identified as the cause of the Walkerton tragedy that killed 7 people.

- **Management Neglect** **(Don’t need a water operator)**
- **Lack of Training** **(Can’t find a water operator)**
- **Insufficient Funding** **(Can’t afford a water operator)**

2000, Commission of Inquiry, conducted by Justice Dennis O'Connor

Walkerton Tragedy:



“Failures by the town’s water manager and provincial cutbacks contributed to a deadly outbreak of E.coli that killed 7 and made 2,300 sick.”

2000 Commission of Inquiry
conducted by Justice Dennis O'Connor

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Walkerton Facts.



Water system managers pleaded guilty to criminal charges for failing to monitor and treat the town's water supply properly.

Commission of Inquiry, conducted by Justice Dennis O'Connor, 2000

Lessons Learned

- **Public waters are the most valued & vulnerable public resource.**
- **Investment in water protection needs to be a community's first priority.**

Commission of Inquiry, conducted by Justice Dennis O'Connor, 2000

It Can Happen Here



“Given the right conditions of inattention, mismanagement & lack of understanding by those in charge, a hazardous outbreak could happen to any community.”

The Water Quality & Health Council.

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ARE YOU LISTENING?

THIS COULD HAPPEN HERE!

What YOU can do.

Grab your pencil & write this down!



What YOU can do.

- ☑ Re-evaluate water and sewer taxes

Are you charging enough for your water?



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What YOU can do.

- ☑ Re-evaluate water and sewer taxes
- ☑ **Digitize as-builts and maps of infrastructure**

Digitize as-builds

and municipal infrastructure maps



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What YOU can do.

- ☑ Re-evaluate water and sewer taxes
- ☑ Digitize as-builts and maps of infrastructure
- ☑ **Devise a source water monitoring program**

Source Water Monitoring



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What YOU can do.

- [x] Re-evaluate water and sewer taxes
- [x] Digitize as-builts and maps of infrastructure
- [x] Devise a source water monitoring program
- [x] **Explore regional service sharing options**

Service Sharing

Explore Regional Options



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What YOU can do.

- [x] Re-evaluate water and sewer taxes
- [x] Digitize as-builts and maps of infrastructure
- [x] Devise a source water monitoring program
- [x] Explore regional service sharing options
- [x] **Explore options to retain a certified water operator**

Certification

Certified Water Operators





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What MNL can do.

Municipalities
Newfoundland and Labrador

Our people • Our place • Our potential

What MNL can do.

- ☑ Help calculate appropriate water/sewer rates

How to charge enough for water use?



What MNL can do.

- ☑ Help calculate appropriate water/sewer rates
- ☑ **Provide digital mapping membership service**

Digitize as-builds

and municipal infrastructure maps



MNL membership service?

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What MNL can do.

- ☑ Help calculate appropriate water/sewer rates
- ☑ Provide digital mapping membership service
- ☑ **Assist with source water protection approaches**

Source Water Protection



- Educational Programs
- Approaches for Monitoring and Planning

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What MNL can do.

- ☑ Help calculate appropriate water/sewer rates
- ☑ Provide digital mapping membership service
- ☑ Assist with source water protection approaches
- ☑ **Advocate/provide more regional opportunities**

Service Sharing



Help Identify and Design

Regional Options

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What MNL can do.

- ☑ Help calculate appropriate water/sewer rates
- ☑ Provide digital mapping membership service
- ☑ Assist with source water protection approaches
- ☑ Advocate/provide more regional opportunities
- ☑ **Create a water liaison**



finding solutions that **WORK**

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Discussion