



Rothesay Road Water Quality Contingency Plan

BACKGROUND:

On February 8th, 2011, the Town of Rothesay connected customers of the Town of Rothesay West Water System (Kennebecasis Park / Hastings Cove) to its Carpenter Pond Water Supply. Since 1996 the Rothesay West Water System has been supplied water from the City of Saint John via a 300 mm PVC watermain. This change in source supply has created a low-flow, large dead-end pipe that will impact Saint John Water customers east of Broadway Avenue. Large dead-end pipes are a concern. They can result in decreased chlorine residuals, which may adversely affect the outcome of microbiological tests.

MONITORING:

In order to ensure the safety of the water supply to City customers, Saint John Water staff will monitor chlorine residual and microbiology (total coliform and e. coli) at:

- 36 Park Drive (Monday, Tuesday, Wednesday, Friday)
- 25 Osprey Terrace (Monday, Wednesday, Friday)
- 1055 Rothesay Road (Monday, Wednesday, Friday)
- 901 Ashburn Road (Monday, Wednesday, Friday)
- 727 Rothesay Avenue (Monday, Wednesday, Friday)
- 1760 Rothesay Road (Monday, Wednesday, Friday)

RESPONSE:

If and when the monitoring shows deterioration in water quality, Saint John Water will respond as follows:

- Flush along Park Drive as required, to improve water quality. This could involve wasting of water at approximately 310,000 litres per day (historical water consumption in Kennebecasis Park), with concurrence of the Department of Environment.
- Provide regular updates to the Department of Health and Department of Environment regarding water quality.
- Provide regular updates to affected residents.

If unacceptable chlorine levels or microbiological results occur, Saint John Water will immediately notify the Department of Health. At this point, the District Medical Officer of Health could issue a boil water order as a result of unacceptable water quality.

Our goal remains the provision of safe clean drinking water to all customers served by Saint John Water. Affected citizens and businesses will be notified directly via a hand delivered notice. Meeting(s) with people affected will be organized, as required, to answer questions and discuss actions being taken.

LONG TERM SOLUTION:

Saint John Water is working with the Engineering department to formalize and cost a long term solution. A potential solution could be to install appropriately sized infrastructure (watermain) to service the drinking water needs of customers within the City of Saint John. The existing 300 mm (12-inch) was sized in 1996 to accommodate the water needs of the Kennebecasis Park / Hastings Cove area of the Town of Rothesay.