

APPENDIX B

Program Activities

Testing

Two types of testing are used to provide information for evaluating and if necessary, refining the Lead Service Connection Management Program (LSCMP). Testing tap water for lead serves many purposes, including:

- Determining the amount of corrosion.
- Assisting the City with setting priorities.
- Engaging consumers in understanding the issue.
- Determining adherence to government recommendations.

Tap water sampling can identify homes where further sampling and investigation should be done; however, water testing alone, particularly a single water test, cannot reliably determine if a property has a lead service connection.

Random Testing Study

The City of Regina (City) complete detailed annual sampling at 50 to 100 sites following industry guidelines recommended by Health Canada. The testing include 11 samples taken during a number of different conditions to simulate water use scenarios. Test locations are selected from volunteers living in private residences.

This testing provides in-depth information about lead including potential sources of lead and effectiveness of flushing. This testing program:

- Demonstrates adherence to industry lead testing best practices.
- Provides information to assist in further program development.
- Provides information to determine the level of future monitoring.

In-Home Point of Use Testing

The second monitoring approach provides free testing for interested residents and property owners. On request, City staff will cover the analytical costs for a single annual water test for eligible residents and property owners (approximately 12,000 buildings).

The voluntary tap water sampling program:

- Informs and empowers individual households to take action to reduce risk.
- Provides the City with information.

A single test does not reflect the actual risks posed by a lead service connection. As long as a lead service connection is present, periodic testing is advisable and the connection should

eventually be replaced.

All residents and property owners within the City are eligible to participate in free water testing where any of the following is true:

- The building was constructed prior to 1960 and is in a neighbourhood where other lead service connections are present.
- Records indicate that the building is served by a known City-owned lead service connection.
- The City-owned lead service connection was replaced in the last five years.
- There are incomplete historical records for the City-owned service connection material (i.e. material unknown) and the building is in a neighbourhood that has lead service connections present.

Filters (Rebate or Provision)

Eligible residents and property owners are able to either receive: (i) a City-purchased and selected filter, certified to NSF International Standard 53 for lead removal; or, (ii) a rebate of up to \$100.00 for the purchase of a NSF 53 filter certified for lead removal. NSF 53 is a standard published by NSF International that sets minimum requirements for the certification of an in-home filtration system to remove drinking water contaminants, such as lead. Each resident owner of a property are able to access a rebate or filter once per property.

A water filter or water filter rebate is offered to residents and property owners who meet the following criteria:

- Records indicate that the building is served by a City-owned lead service connection.
- The building is confirmed to be served by a private lead service connection.
- Water in the building has been tested for lead and exceeds Health Canada Guidelines.
- A location in which a partial lead service connection replacement has occurred.

Rebates are provided for invoices dated January 1, 2016 or later.