

November 7, 2017

Terence Bay Fire Station #53
80 Sandy Cove Road
Terence Bay, Nova Scotia
B3T 1Y2

RE: Halifax Regional Municipality Potable Water Results

Halifax Regional Municipality Facility Services retained the services of ALL-TECH Environmental Services Limited to conduct potable water sampling at the Terence Bay Fire Station #53. The potable water sampling was conducted on the morning of October 19, 2017. The purpose of the sampling was to test microbiological parameters after a minimum five (5) minute flush of the water system. The results were compared with the Guidelines for Canadian Drinking Water Quality (GCDWQ, February 2017).

Two (2) locations within the building were chosen for sampling:

- Faucet in Mechanical/Furnace room
- Sink inside the Kitchen

Prescribed potable water sampling procedures reported in the documents published by the Nova Scotia Department of Environment and Labour, titled *Guidelines for Monitoring Public Drinking Water Supplies* (Dec 12, 2005), 'Appendix A – Sample Collection and Preservation-Microbiological Quality' were adhered to during sample collection.

Discussion of Results

The Guidelines for Canadian Drinking Water Quality (GCDWQ) lists current numerical guidelines for chemical and physical parameters. The guidelines are either health-based and listed as Maximum Acceptable Concentrations (MAC), or based on aesthetic consideration and listed as aesthetic objectives (AO). Exceeding of aesthetic parameters often do not represent an immediate health risk, it can affect the 'quality' of water through taste, odour, and/or colour.

Review of the laboratory results of analyses from the potable water sampling conducted on October 19, 2017, indicated that **all potable water samples collected from the Kitchen sink of the facility meet Regulatory Criteria for Canadian Drinking Water Quality Guidelines (CDWQG), and is deemed safe to consume by building occupants.**

Sincerely,

Project Manager:
Mr. Robert Gardner, C.E.T.



Project Consultant:
Ms. Phyllis Low, B.Sc., C.E.T.

