



**Introduction**

Saskatchewan Ministry of Environment requires that at least once each year waterworks owners provide notification to consumers of the quality of water produced and supplied as well as information on the performance of the waterworks in submitting samples as required by a Minister's Order or Permit to Operate a waterworks. The following is a summary of the (Balgonie) water quality and sample submission compliance records for the (May 26/2015 to May 26/2016) time period. This report was completed on *(insert date here)* *(must be completed before June 30 each year on a calendar year based reporting frequency)*. Readers should refer to Saskatchewan Ministry of Environment's Municipal Drinking Water Quality Monitoring Guidelines, November 2002, EPB 202 for more information on minimum sample submission requirements and the meaning of type of sample. Permit requirements for a specific waterworks may require more sampling than outlined in the department's monitoring guidelines. If consumers need more information on the nature and significance of specific water tests, for example, "what is the significance of selenium in a water supply", more detailed information is available from: [http://www.hc-sc.gc.ca/ewh-semt/pubs/water-eau/index\\_e.html](http://www.hc-sc.gc.ca/ewh-semt/pubs/water-eau/index_e.html)

**Water Quality Standards**

**Bacteriological Quality**

Regular Parameter/Location (%)	Limit	Regular Samples	Regular Samples	# of Positive
		Required	Submitted	Submitted
Total Coliform and Background Bacteria	Organisms/100 mL Less than 200/100 mL	<u>  52  </u>	<u>  52  </u>	<u>  0  </u>

**Water Disinfection – Chlorine Residual in Distribution System for Test Results Submitted with Bacteriological Samples**

Parameter	Limit (mg/L)	Test Level Range	# Tests Performed	# Tests Not Meeting Requirements
Chlorine Residual	0.1 mg/L free OR 0.5 mg/L total	<u> 0.68-1.01 </u>	<u>  52  </u>	<u>  0  </u>

**Water Disinfection – Free Chlorine Residual for Water Entering Distribution System – From Water Treatment Plant Records**

Parameter	Limit (mg/L)	Test Level Range	# Tests Performed	# Tests Not Meeting Requirements
Free Chlorine Residual	at least 0.1	<u> 0.63 </u>	<u>  52  </u>	<u>  0  </u>

**Turbidity**

Parameter	Limit (NTU)	Test Level Range	# Tests Not Meeting Requirements	Turbidity (NTU)	# Tests Required	# Tests Performed
Turbidity	<u> 1.0 </u>	<u> 0.6-0.13 </u>	<u>  0  </u>	<u> 0.13 </u>	<u> 365 </u>	<u> 365 </u>

**Chemical – Health Category**

All waterworks serving 5000 persons or more are required to submit water samples for Saskatchewan Environment's "Chemical Health" based on population size. The "Chemical Health" category includes analysis for arsenic, barium, boron, cadmium, chromium, fluoride, lead, nitrate, selenium and uranium.

Samples for "Chemical Health" analysis were submitted on *(insert date)*. Sample results indicated that the provincial drinking water quality standards were not exceeded. *(Use this one if review indicates that there were no exceedances)*. **(OR)** Samples exceeded provincial water quality standards only for the following parameters: *(Use only the applicable portions of table below for which values have been exceeded)*. For more information please contact :Town of Balgonie. Box 310,S0G0E0 or call 306-771-4343.