

Drinking Water Quality and Compliance

Town of Milestone

2025 Annual Notice to Consumers

Introduction

The Water Security Agency and the 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 Town Of Milestone water quality and sample submission compliance records for the January 1, 2025 to December 31, 2025 time period. This report was completed on July 2, 2026. Readers should refer to Saskatchewan Water Security Agency's [Municipal Drinking Water Quality Monitoring Guidelines, June 2015, EPB 502](#) 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

Water Quality Standards

Bacteriological Quality

Regular Parameter/Location (%)	Limit	Regular Samples Required	Regular Samples Submitted	# of Positive Submitted
Total Coliform	0 Organisms/100 mL	52	52	0
E. coli	0 Organisms/100 mL	52	52	0
Background Bacteria	Less than 200/100 mL			

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	0.1 mg/L free OR			
Residual	0.5 mg/L total	0.35 -0.75	52	0

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	0.28 - 0.75	365	0

Turbidity

Parameter	Limit (NTU)	Test Level Range	# Tests Not Meeting Requirements	Turbidity (NTU)	# Tests Required	# Tests Performed
Turbidity	1.00	0.02 -0.16	0	1.00	365	365

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 October 29th, 2025. Sample results indicated that the provincial drinking water quality standards were not exceeded.



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Environment**



Limit	Limit		# Samples			
Parameter	MAC (mg/L)	IMAC (mg/L)	Sample Results	Exceeding Limit	# Samples Required	# Samples Submitted
Arsenic	0.010		<0.10	0	1	1
Barium	1.0		<0.71	0	1	1
Boron		5.0	0.5	0	1	1
Cadmium	0.005		<0.15	0	1	1
Chromium	0.05		<0.19	0	1	1
Fluoride (avg.)*	1.5		0.05	0	1	1
Lead	0.01		<.07	0	1	1
Nitrate (avg.)*	45.0		<0.2	0	1	1
Selenium	0.01		<1.13	0	1	1
Uranium	0.02		<0.11	0	1	1

* Results expressed as average values for communities or waterworks which fluoridate drinking water supplies or those with elevated concentrations of fluoride or nitrates.

Chemical – Trihalomethanes (THMs) and Haloacetic Acids (HAAs)

Parameter	Limit (mg/L)	Sample Result (average)	# Samples Required	# Samples Submitted
Trihalomethanes	0.1	<0.004	4 (1 every 3 months)	4
Haloacetic Acids	0.080	<.01	4 (1 every 3 months)	4

(Note: Only water supplies derived from surface water or groundwater under the influence of surface water are required to monitor for Trihalomethanes and Haloacetic Acids. Waterworks using groundwater sources beyond the influence of surface water do not need to report trihalomethanes and haloacetic acids, since sampling and analysis will not likely have been performed), unless otherwise specified in the waterworks permit to operate.

General Chemical

Parameter	Aesthetic Objectives * (mg/L)	Sample Results (average)	# Samples Required	# Samples Submitted
Alkalinity	500	91.0	1	1
Bicarbonate	No Objective	111	1	1
Calcium	No Objective	2	1	1
Carbonate	No Objective	0	1	1
Chloride	250	41.3	1	1
Conductivity	No Objective	342	1	1
Hardness	800	9	1	1
Magnesium	200	<1	1	1
PH	No Objective	7.6	1	1
Sodium	300	73	1	1
Sulphate	500	13.9	1	1
Total dissolved Solids	1500	243	1	1

All waterworks serving more than 5000 persons are required to submit water samples for the General Chemical category as per their operating permit. The General Chemical category includes analysis for alkalinity, bicarbonate, calcium, carbonate, chloride, conductivity, hardness (as CaCO₃), magnesium, sodium, sulphate and total dissolved solids.

The last sample for General Chemical analysis was required on 2025 and submitted on October 29, 2025. Sample results indicated that there were no exceedances.

*Objectives apply to certain characteristics of or substances found in water for human consumptive or hygienic use. The presence of these substances will affect the acceptance of water by consumers and/or interfere with the practice of supplying good quality water. Compliance with drinking water aesthetic objectives is not mandatory as these objectives are in the range where they do not constitute a health hazards. The aesthetic objectives for several parameters (including hardness as CaCO₃, magnesium, sodium and total dissolved solids) consider regional differences in drinking water sources and quality.

More information on water quality and sample submission performance may be obtained from:

Town of Milestone
Box 74 Milestone, SK S0G 3L0
306-436-2130 or Email: mile@sasktel.net



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