



Drinking Water Quality and Compliance

Village of St. Louis - 2025 Annual Notice to Consumers

The Water Security Agency 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 Permit to Operate a Waterworks. The following is a summary of the Village of St. Louis water quality and sample submission compliance record for the 2025 calendar year. This report was completed on January 5, 2026.

Readers should refer to the 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 on specific water tests, more detailed information is available from: http://www.hc-sc.gc.ca/ewh-semt/pubs/water-eau/index_e.html or www.saskh2o.ca.

<u>Water Quality Standards</u>	<u>Limit</u>	<u>Samples Required</u>	<u>Samples Submitted</u>	<u>Positive</u>
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Bacteriological Quantity

Total Coliform	0/100 ml	52	52	0
Background Bacteria	200 NO/100 ml	52	52	0

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

Minimum	Total Chlorine	Free Chlorine	# Tests	# Tests	# Adequate
Parameter Limit	Residual Range	Residual Range	Required	Submitted	Chlorine (%)
Chlorine 0.1 mg/L free OR					
Residual 0.5 mg/L total	0.74 mg/l - 1.12 mg/l	.52 mg/l - 0.93 mg/l	52	52	100%

Water Disinfection –Chlorine Residual in Distribution System for Test Results Performed at Village Water Plant

Minimum	Total Chlorine	Free Chlorine	# Tests	# Tests	# Adequate
Parameter Limit	Residual Range	Residual Range	Required	Performed	Chlorine (%)
Chlorine 0.1 mg/L free OR					
Residual 0.5 mg/L total	0.93 mg/l – 1.34 mg/l	.78 mg/l - 1.14 mg/l	365	365	100%

Turbidity - From Submitted Bacteriological Samples # Tests Not

Parameter	Limit (NTU)	Test Level Range	Meeting Requirements	Maximum		
				Turbidity (NTU)	# Tests Required	# Tests Performed (with Sask Water)
Turbidity	0.3 NTU	0.06 – 0.12 NTU	0	0.12 NTU	52	52

Turbidity - From Village Water Plant Records # Tests Not

Limit	Test Level	Meeting	Turbidity	# Tests	# Tests
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Parameter	(NTU)	Range	Requirements	(NTU)	Required	Performed
Turbidity	0.3 NTU	0.06 – 0.13 NTU	0	0.13 NTU	365	365

Chemical - Health Category

Samples are submitted by Sask Water, Wakaw – Humboldt Pipeline. These test for arsenic, barium, boron, cadmium, chromium, fluoride, lead, manganese, selenium and uranium. Sample results for 2025 indicated that the provincial drinking water quality standards were not exceeded.

Parameter	Limit	Limit	Sample	# Samples
	MAC(mg/L)	IMAC(mg/L)	Result(s)	Exceeding Limit
Arsenic	0.01		0.0003 mg/L	0
Barium	1.0		0.063 mg/L	0
Boron		5.0 mg/L	0.02 mg/L	0
Cadmium	0.005		<.00001 mg/L	0
Chromium	0.05		<.00005 mg/L	0
Fluoride	1.5		0.59 mg/L	0
Lead	0.01		<.0001 mg/L	0
Manganese	0.05		<.00005 mg/L	0
Selenium	0.01		0.0008 mg/L	0
Uranium	0.02		0.0003 mg/L	0

Chemical – Trihalomethanes (THMs) – (Not required to submit quarterly again until 2027)

Parameter	THMs	Sample	# Samples	# Samples
	Limit (ug/L)	Result (average)	Required	Submitted
Trihalomethanes	100 ug/l	50.7 ug/l	1	1

Chemical – Haloacetic Acids (HAAs) – (Not required to submit quarterly again until 2027)

Parameter	HAAs	Sample	# Samples	# Samples
	Limit (ug/L)	Result (average)	Required	Submitted
Haloacetic Acids	80 ug/l	41 ug/l	1	1
Monochloracetic Acid	< 10 ug/l	1	1	1
Monobromoacetic Acid	< 2 ug/l	1	1	1
Dichloroacetic Acid	18 ug/l	1	1	1
Trichloroacetic Acid	21 ug/l	1	1	1
Dibromoacetic Acid	< 3 ug/l	1	1	1

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

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