SaskWater

April 15, 2026

(306) 233-7560

File: AIRRCOM

Northern Village of Air Ronge
PO BOX 100
AIR RONGE SK S0J 3G0

Dear Customer:

Re: SaskWater Public - Northern Village of Air Ronge Potable Water System 2025 Annual Notification to Consumers

Please find enclosed the Drinking Water Quality and Compliance Report for the Northern Village of Air Ronge Potable Water System 2025 Notice to Consumers. The operating records have been submitted to the Water Security Agency in accordance with The Waterworks and Sewage Works Regulations, 2015.

Please call me at (306) 233-7560 if you have any questions or comments.

Sincerely,

Craig Standish, A. Sc. T.
Manager, District Operations

CS/sm
Enclosure
cc: Michael Mourot, Supervisor, Regional Systems, SaskWater
Neil Hodges, Environmental Officer, Water Security Agency

Drinking Water Quality and Compliance
Village of Air Ronge
2025 Notification to Consumers

The Water Security Agency (WSA) 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 Air Ronge water quality and sample submission compliance record for the January 1, 2025, to December 31, 2025, time period. This report was completed on February 2, 2026. Readers should refer to the WSA's Municipal Drinking Water Quality Monitoring Guidelines for more information on minimum sample submission requirements and types of samples. Permit requirements for a specific waterworks may require more sampling than outlined in the Agency's monitoring guidelines. If consumers need to know more about drinking water in Saskatchewan, more detailed information is available from: **http://www.hc-sc.gc.ca/ewh-semt/pubs/water-eau/index-eng.php**.

BACTERIOLOGICAL QUALITY

Parameter	Limit	Regular Samples Required	Regular Samples Submitted	# Positive of Regular 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	52	52	0

Analysis is performed on a single sample for all parameters mentioned above. All waterworks are required to submit samples for bacteriological water quality; the frequency of monitoring depends on the population served by the waterworks.

WATER DISINFECTION

Chlorine Residual in Distribution System – From Test Results Submitted with Bacteriological Samples

Parameter	Minimum Limit (either/or)	Range (mg/L)	# Tests Required	# Tests Submitted	# Adequate Chlorine
Free Chlorine	0.10 mg/L	0.31 – 0.85	52	52	52
Total Chlorine	0.50 mg/L	0.51 – 1.06	52	52	

A minimum of 0.10 milligrams per litre (mg/L) free chlorine residual **OR** 0.50 mg/L total chlorine residual is required at all times throughout the distribution system. An adequate chlorine is a result that indicates that the chlorine level is above the regulated minimums. A waterworks is required to submit chlorine residual test results on every bacteriological sample they submit.

Chlorine Residual for Water Throughout the Distribution System

Parameter	Minimum Limit (either/or)	Range (mg/L)	# Tests Required	# Tests Performed	% Adequate Chlorine
Free Chlorine	0.10 mg/L	0.25 – 1.12	365	730	100
Total Chlorine	0.50 mg/L	0.42 – 1.30	365	730	

A minimum of 0.10 milligrams per litre (mg/L) free chlorine residual OR 0.50 mg/L total chlorine residual is required at all times throughout the distribution system. Additional testing was done for informational purposes.

Village of Air Ronge

TURBIDITY

Turbidity in the Distribution System – From Test Results Submitted with Bacteriological Samples

Parameter	Limit (NTU)	Range (NTU)	Average (NTU)	# Tests Required	# Tests Performed	# Exceeding Limit
Turbidity	No standard	0.05 – 0.13	0.08	0	52	0

Turbidity is a measure of water treatment efficiency. Turbidity measures the "clarity" of the drinking water and is reported in Nephelometric Turbidity Units (NTU). Additional testing was done for informational purposes.

FLUORIDE

Fluoride – From Test Results Submitted with Bacteriological Samples (off-site testing)

Parameter	Maximum Limit (mg/L)	Average (mg/L)	Maximum (mg/L)	# Samples Required	# Samples Submitted	# Exceeding Limit
Fluoride	1.50	0.37	0.69	52	51	0

The fluoride sample was missed being tested the week of June 8 due to confusion during this time caused by the wildfire situation in Air Ronge. The Environment Officer was notified.

CHEMICAL – TRIHALOMETHANES (THM)

Trihalomethanes are formed when chlorine reacts with organic matter in water. The four THM compounds are: chloroform, dibromochloromethane, bromodichloromethane (BCDM) and bromoform. The sum of the concentrations of these four components is referred to as Total Trihalomethanes. The limit for THM is a long-term objective based on an annual average of seasonal samples.

Parameter	Maximum Limit (mg/L)	Average (mg/L)	# Samples Required	# Samples Submitted
Trihalomethane	0.100	0.045	4	4

CHEMICAL – HALOACETIC ACIDS (HAAs)

Haloacetic acids are formed when chlorine reacts with organic matter in water. The five regulated haloacetic acids are: monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid. The sum of the concentrations of these five components is referred to as HAA5. The limit for HAAs is a long-term objective based on an annual average of quarterly samples.

Parameter	Maximum Limit (mg/L)	Average (mg/L)	# Samples Required	# Samples Submitted
Haloacetic Acids	0.080	0.031	4	4

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

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Air Ronge SK S0J 3G0
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