

**Drinking Water Quality and Compliance  
Annual Notice to Consumers  
Hamlet of Hagen**

**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 **Hamlet of Hagen** water quality and sample submission compliance record for the **2022 calendar year**. This report was completed on **January 26, 2023**. Readers should refer to Water Security Agency'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**

Parameter/Location	Limit	Regular Samples Required	Regular Samples Submitted	# of Positive Regular Submitted (%)
Total Coliform and Background Bacteria	0 Organisms/100 mL Less than 200/100 mL	24	22	0

**Water Disinfection –**

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

Parameter	Minimum Limit	Total Chlorine Residual Range	Free Chlorine Residual Range	# Tests Required	# Tests Submitted	# Adequate Chlorine (%)
Chlorine Residual	0.1 mg/L free OR 0.5 mg/L total	0.74 – 1.32	0.55 – 1.09	24	22	100%

**Water Disinfection - Free Chlorine Residual for Water Entering Distribution System from Waterworks Records-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	0.77 – 1.09	365	0

*A minimum of 0.1 milligrams per litre (mg/L) free chlorine residual is required for water entering the distribution system. Tests are normally performed on a daily basis by the waterworks operator and are to be recorded in operation records. This data includes the number of free chlorine residual tests performed, the overall range of free chlorine residual (highest and lowest recorded values) and the number of tests and percentage of results not meeting the minimum requirement of 0.1 mg/L free chlorine residual.*

**Chemical – Trihalomethanes (THMs)**

Parameter	THMs Limit (mg/L)	Sample Result (average)	# Samples Required	# Samples Submitted
Trihalomethanes	0.1	0.032	4 (1 every 3 months)	5
Haloacetic Acid	0.08	0.04	4 (1 every 3 months)	4

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

RM of Birch Hills No. 460  
Box 369  
Birch Hills, SK S0J 0G0  
Phone: 306-749-2233 Fax: 306-749-2220  
Email: [rm460@sasktel.net](mailto:rm460@sasktel.net)

OR

North Central Rural Pipeline Association - SaskWater  
Notice to Consumers is available on the SaskWater website @ [www.saskwater.com](http://www.saskwater.com)  
<http://www.saskh20.ca/MyDrinkingWater.asp>



**Saskatchewan  
Ministry of  
Environment**

