

Drinking Water Quality and Compliance

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 **Resort Village of Etters Beach** water quality and sample submission compliance record for the January 1, 2022 through December 31, 2022 time period. This report was completed on January 17 2023 (must be completed before June 30 each year on a calendar year based reporting frequency). Readers should refer to 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

Parameter	Limit	Regular Samples Required	Regular Samples Submitted	# of Positive Regular Submitted (%)
Total Coliform	Zero organisms/100 mL	5	5	8.0
E. Coli	Zero organisms/100 mL	5	5	0
Background Bacteria	<200 organisms/100mL	N/A	N/A	N/A

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	# of Tests Required	# of Tests Submitted	% Adequate Chlorine
Chlorine Residual	0.5 mg/L total	0.71 – 1.94	N/A	5	5	100

Water Disinfection - Total Chlorine Residual for Water Entering Distribution System from Waterworks Records-From Water Treatment Plant Records

Parameter	Limit (mg/L)	Test Level Range	# of Tests Performed	# Of Tests Not Meeting Requirements
Total Chlorine	Minimum 1.0 mg/L	1.375 mg/L	156	0

A minimum of 1.0 milligrams per litre (mg/L) total 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 total chlorine residual tests performed, the overall range of total chlorine residual (highest and lowest recorded values) and the number of tests and percentage of results not meeting the minimum requirement of 1.0 mg/L total chlorine residual.

At least twice per year, the owner of every service connection must be provided with a Hygienic Use Only Notice. Notices were provided to all residents on: Posted to our owner website all year, posted on the bulletin board by the store in the village and sent out with the tax notices June 6, 2022. It was also posted on the bulletin board at the entrance to our office on January 4, 2022.

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

Resort Village of Etters Beach
 Box 301, Imperial SK S0G 1A0
 Ph: 306-963-2532
 E-mail: rvettersbeach@sasktel.net



**Saskatchewan
 Ministry of
 Environment**

