

# **Tiverton Drinking Water System**

**2022 Annual Water Summary Report** 

#### 1. INTRODUCTION AND BACKGROUND

The municipality owns and operates drinking water systems to provide residents with safe, potable water. These municipal drinking water systems are regulated under various legislation and legal documents including the Safe Drinking Water Act and Ontario Regulation 170/03 Drinking Water Systems. O. Reg. 170 requires that the municipality complete an annual water report (Section 11) and an annual summary report (Schedule 22). The information required for each of these reports has been combined into this one report. This annual water summary report will be made available for inspection as per O. Reg. 170 subsection 12 (4).

The reports are available free of charge on the municipal website at <a href="www.kincardine.ca">www.kincardine.ca</a> or by contacting the Environmental Services Department at <a href="www.kincardine.ca">waterservice@kincardine.ca</a>. Requests will also be received in person or by telephone at the Municipal Administration Centre (1475 Concession 5, 519-396-3468) or the Environmental Services Office (155 Durham Street, Kincardine, 519-396-4660).

## 1.1. System Description

<b>Drinking-Water System Number:</b>	220002609
<b>Drinking-Water System Name:</b>	Tiverton Drinking Water System
<b>Drinking-Water System Owner:</b>	Municipality of Kincardine
<b>Drinking-Water System Category:</b>	Large Municipal Residential
Period being reported:	Year 2022

The Tiverton Drinking Water System (DWS) is a non-GUDI groundwater supply (which means that it is a secure well and not under the influence of surface water) consisting of 3 active wells, Briar Hill Well #1, Briar Hill Well #2 and Dent Well #2. The newest well, Briar Hill Well #2, went on-line August 2007 and is a 220 diameter 93 m deep drilled well with a maximum water taking of 8.3 L/s or 720 m<sup>3</sup>/d. Briar Hill Well #1 is a 150 mm diameter 93 m deep groundwater well rated at 6.1 L/s or 524.16 m<sup>3</sup>/d. The third active well is Dent Well #2. This well was put in service on July 15, 2005 and replaced the original Dent Well. Dent Well #2 is an approximately 87 m deep drilled well with a 200 mm diameter steel casing. The flow rate is restricted to a maximum of 4.6 L/s and a maximum taking of 250.5 m<sup>3</sup>/d. Both pumphouses are equipped with raw and treated flow meters, a disinfection system consisting of 2 sodium hypochlorite metering pumps with auto switchover capabilities and interlocked well shutdown, and a polyphosphate (Carus 1200) iron sequestering system. The sodium hypochlorite and Carus 1200 are NSF certified. Additional contact time is provided at both pumphouses by 600 mm diameter feeder watermain immediately leaving the pumphouse and prior to the first consumer. The water system is equipped with a 1500 m<sup>3</sup> standpipe. Both pumphouses are equipped with a standby generator.

#### 1.2. Major Expenses

The system incurred expenses necessary to install, repair or replace required equipment as follows:

Monitoring Equipment \$5617.15

Treatment Equipment \$1509.10

Distribution Infrastructure Repairs and Replacements \$ 1418.37

Other Major Expenses:

Briar Well #2 Cleaning and inspection \$ 13,601.24

Tower Inspection \$2747.52

## 2. WATER QUALITY MONITORING

Each municipal drinking water system is required to do testing to ensure that the water supplied to consumers is safe for consumption. Some of these tests such as chlorine residuals are done on site while others, like microbiological testing, must be performed by a licenced laboratory.

#### 2.1. Microbiological Testing

O. Reg. 170 Schedule 10, requires the Tiverton DWS to take a minimum of one sample per week of raw and treated water from each well. A minimum of one sample must be taken every week of distribution water with a total of eight required every month. All raw, treated and distribution samples must be tested for Escherichia coli (E. coli) and total coliforms (TC). All the treated samples and twenty five percent of the distribution samples must also be tested for heterotrophic plate count (HPC). Our internal sampling schedule exceeds the minimum requirements by having operations staff collect three raw, three treated and two distribution sample every week and have them tested for E. coli, total coliform and HPC.

Any E. coli or total coliform results above zero (0) in treated or distribution water must be reported to the Ministry of the Environment, Conservation and Parks (MECP) Spills Action Centre (SAC) and Medical Officer of Health (MOH).

Heterotrophic plate count is a colony count of general bacteria population. There is no adverse limit for HPC samples. Results over 500 colonies per 1 mL may indicate a change in water quality but it is not considered an indicator of unsafe water.

The results from the 2022 sampling program are shown in the table below.

Water Source	Number of EC/TC Samples	Range of Total Coliform Results (#-#)	Range of E. coli Results (#-#)	Number of HPC Samples	Range of HPC Results (#-#)
Raw	156	0 - 2	0 - 0	156	0 - 960
Treated	156	0-0	0-0	156	0 – 3
Distribution	114	0 - 0	0-0	114	0 - 840

#### 2.2. Chemical Testing

The Safe Drinking Water Act Reg 170 Schedule 13 requires periodic testing of the water for chemical parameters. The Tiverton DWS is required to test for nitrite/nitrate, trihalomethanes and haloacetic acids on a quarterly basis. The tables below outline these as well as other inorganic and organic parameters that are required to be tested for every three years and include the date and result of the most recent test. Any result displayed as less than (<) are below the method detection limit of the lab.

Sodium and fluoride levels exceed the Ontario Drinking Water Quality Standards, but they are naturally occurring in the groundwater and do not need to be tested more frequently than every five years.

If the concentration of a parameter is above half of the Maximum Acceptable Concentration (MAC) under the Ontario Drinking Water Quality Standards, an increased testing frequency of once every three months is required by O. Regulation 170. Historically, arsenic levels at Dent Well have been around the half MAC and the frequency has been increased to quarterly.

Briar Hill Well #1

Inorganic	Sample Date	Result	Unit of	Exceedance
Parameter		Value	Measure	
Antimony	July 12/21	< 0.9	μg/L	No
Arsenic	July 12/21	2.6	μg/L	No
Barium	July 12/21	11.2	μg/L	No
Boron	July 12/21	193	μg/L	No
Cadmium	July 12/21	0.009	μg/L	No
Chromium	July 12/21	0.18	μg/L	No
Mercury	July 12/21	< 0.01	μg/L	No
Selenium	July 12/21	< 0.04	μg/L	No
Sodium	October 12/22	43.6	mg/L	Yes
	October 18/22	38.4		
Uranium	July 12/21	0.531	μg/L	No
Fluoride	April 9/18	2.02	mg/L	Yes
	April 17/18	1.96		
Nitrite	January 10/22	< 0.003	mg/L	No
	April 11/22	< 0.003		
	July 11/22	< 0.003		
	October 12/22	< 0.003		
Nitrate	January 10/22	< 0.006	mg/L	No
	April 11/22	< 0.006		
	July 11/22	0.006		
	October 12/22	< 0.006		

# Briar Hill Well #2

Inorganic	Sample Date	Result	Unit of	Exceedance
Parameter		Value	Measure	
Antimony	July 11/22	< 0.6	μg/L	No
Arsenic	July 11/22	2.3	μg/L	No
Barium	July 11/22	11.2	μg/L	No
Boron	July 11/22	159	μg/L	No
Cadmium	July 11/22	0.030	μg/L	No
Chromium	July 11/22	0.22	μg/L	No
Mercury	July 11/22	< 0.01	μg/L	No
Selenium	July 11/22	< 0.04	μg/L	No
Sodium	October 12/22	44	mg/L	Yes
	October 18/22	36.3		
Uranium	July 11/22	0.551	μg/L	No
Fluoride	April 9/18	2.02	mg/L	Yes
	April 17/18	2.01		
Nitrite	January 10/22	< 0.003	mg/L	No
	April 11/22	< 0.003		
	July 11/22	< 0.003		
	October 12/22	< 0.003		
Nitrate	January 10/22	0.006	mg/L	No
	April 11/22	< 0.006		
	July 11/22	0.006		
	October 12/22	0.006		

# Dent Well #2

Inorganic	Sample Date	Result	Unit of	Exceedance
Parameter	_	Value	Measure	
Antimony	July 13/20	< 0.09	μg/L	No
Arsenic	January 10/22	4.8	μg/L	No
	April 11/22	4.6		
	July 18/22	4.8		
	October 12/22	4.3		
Barium	July 13/20	9.79	μg/L	No
Boron	July 13/20	189	μg/L	No
Cadmium	July 13/20	< 0.003	μg/L	No
Chromium	July 13/20	0.12	μg/L	No
Mercury	July 13/20	< 0.01	μg/L	No
Selenium	July 13/20	< 0.04	μg/L	No
Sodium	Oct 12/22	42.3	mg/L	Yes
	Oct 18/22	36.4		
Uranium	July 13/20	0.841	μg/L	No
Fluoride	April 9/18	2.07	mg/L	Yes
	April 17/18	2.13		
Nitrite	January 10/22	< 0.003	mg/L	No
	April 11/22	< 0.003		
	July 11/22	< 0.003		
	October 12/22	< 0.003		
Nitrate	January 10/22	< 0.006	mg/L	No
	April 11/22	< 0.006		
	July 11/22	0.011		
	October 12/22	0.007		

# Briar Hill Well #1

Organic Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	July 12/21	< 0.02	µg/L	No
Atrazine + N-dealkylated metabolites	July 12/21	< 0.01	μg/L	No
Azinphos-methyl	July 12/21	< 0.05	μg/L	No
Benzene	July 12/21	< 0.32	μg/L	No
Benzo(a)pyrene	July 12/21	< 0.004	μg/L	No
Bromoxynil	July 12/21	< 0.33	ug/L	No
Carbaryl	July 12/21	< 0.05	ug/L	No
Carbofuran	July 12/21	< 0.01	μg/L	No
Carbon Tetrachloride	July 12/21	< 0.17	ug/L	No
Chlorpyrifos	July 12/21	< 0.02	μg/L	No
Diazinon	July 12/21	< 0.02	μg/L	No
Dicamba	July 12/21	< 0.20	μg/L	No
1,4-Dichlorobenzene	July 12/21	< 0.36	μg/L μg/L	No
1,2-Dichlorobenzene	July 12/21	< 0.41	μg/L μg/L	No
1,2-Dichloroethane	July 12/21	< 0.35	μg/L μg/L	No
1,1-Dichloroethylene	July 12/21	< 0.33	μg/L	No
Dichloromethane	July 12/21	< 0.35	μg/L	No
2-4 Dichlorophenol	July 12/21	< 0.15	μg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	July 12/21	< 0.19	μg/L	No
Diclofop-methyl	July 12/21	< 0.40	μg/L	No
Dimethoate	July 12/21	< 0.06	μg/L	No
Diquat	July 12/21	< 1	μg/L	No
Diuron	July 12/21	< 0.03	μg/L	No
Glyphosate	July 12/21	< 1	μg/L	No
Malathion	July 12/21	< 0.02	μg/L	No
2 methyl-4-chlorophenoxyacetic acid	July 12/21	< 0.00012	μg/L	No
Metolachlor	July 12/21	< 0.01	μg/L	No
Metribuzin	July 12/21	< 0.02	µg/L	No
Monochlorobenzene	July 12/21	< 0.3	µg/L	No
Paraquat	July 12/21	< 1	µg/L	No
Pentachlorophenol	July 12/21	< 0.15	μg/L	No
Phorate	July 12/21	< 0.01	μg/L	No
Picloram	July 12/21	< 1	μg/L	No
Polychlorinated Biphenyls (PCB)	July 12/21	< 0.04	µg/L	No
Prometryne	July 12/21	< 0.03	µg/L	No
Simazine	July 12/21	< 0.01	μg/L	No
Terbufos	July 12/21	< 0.01	μg/L	No
Tetrachloroethylene	July 12/21	< 0.35	μg/L	No
2,3,4,6-Tetrachlorophenol	July 12/21	< 0.20	μg/L	No
Triallate	July 12/21	< 0.01	μg/L	No
Trichloroethylene	July 12/21	< 0.44	μg/L	No
2,4,6-Trichlorophenol	July 12/21	< 0.25	μg/L	No
Trifluralin	July 12/21	< 0.02	μg/L	No
Vinyl Chloride	July 12/21	< 0.17	μg/L	No

# Briar Hill Well #2

Organic Parameter	Sample	Result	Unit of	Exceedance
Alaablan	Date	<b>Value</b> < 0.02	Measure	No
Alachlor Atrazine + N-dealkylated metabolites	July 11/22	< 0.02	μg/L	No No
	July 11/22		μg/L	
Azinphos-methyl	July 11/22	< 0.05	ug/L	No
Benzene	July 11/22	< 0.32	μg/L	No
Benzo(a)pyrene	July 11/22	< 0.004	μg/L	No
Bromoxynil	July 11/22	< 0.33	μg/L	No
Carbaryl	July 11/22	< 0.05	ug/L	No
Carbofuran	July 11/22	< 0.01	ug/L	No
Carbon Tetrachloride	July 11/22	< 0.17	ug/L	No
Chlorpyrifos	July 11/22	< 0.02	µg/L	No
Diazinon	July 11/22	< 0.02	μg/L	No
Dicamba	July 11/22	< 0.20	μg/L	No
1,2-Dichlorobenzene	July 11/22	< 0.41	µg/L	No
1,4-Dichlorobenzene	July 11/22	< 0.36	µg/L	No
1,2-Dichloroethane	July 11/22	< 0.35	µg/L	No
1,1-Dichloroethylene	July 11/22	< 0.33	µg/L	No
Dichloromethane	July 11/22	< 0.35	µg/L	No
2-4 Dichlorophenol	July 11/22	< 0.15	μg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	July 11/22	< 0.19	μg/L	No
Diclofop-methyl	July 11/22	< 0.40	μg/L	No
Dimethoate	July 11/22	< 0.06	μg/L	No
Diquat	July 11/22	< 1	μg/L	No
Diuron	July 11/22	< 0.03	μg/L	No
Glyphosate	July 11/22	< 1	μg/L	No
Malathion	July 11/22	< 0.02	μg/L	No
2 methyl-4-chlorophenoxyacetic acid	July 11/22	< 0.00012	μg/L	No
Metolachlor	July 11/22	< 0.01	μg/L	No
Metribuzin	July 11/22	< 0.02	μg/L	No
Monochlorobenzene	July 11/22	< 0.3	μg/L	No
Paraquat	July 11/22	< 1	μg/L	No
Pentachlorophenol	July 11/22	< 0.15	μg/L	No
Phorate	July 11/22	< 0.01	μg/L	No
Picloram	July 11/22	< 1	μg/L	No
Polychlorinated Biphenyls (PCB)	July 11/22	< 0.04	μg/L	No
Prometryne	July 11/22	< 0.03	μg/L	No
Simazine	July 11/22	< 0.01	μg/L	No
Terbufos	July 11/22	< 0.01	μg/L	No
Tetrachloroethylene	July 11/22	< 0.35	μg/L	No
2,3,4,6-Tetrachlorophenol	July 11/22	< 0.20	μg/L	No
Triallate	July 11/22	< 0.01	μg/L μg/L	No
Trichloroethylene	July 11/22	< 0.44	μg/L μg/L	No
2,4,6-Trichlorophenol	July 11/22	< 0.25	μg/L μg/L	No
Trifluralin	July 11/22	< 0.23	μg/L μg/L	No
Vinyl Chloride	July 11/22 July 11/22	< 0.02		No
vinyi Chioriae	July 11/22	< ∪.1/	μg/L	INO

# Dent Well #2

Organic Parameter	Sample	Result	Unit of	Exceedance
	Date	Value	Measure	
Alachlor	July 13/20	< 0.02	μg/L	No
Atrazine + N-dealkylated metabolites	July 13/20	< 0.01	μg/L	No
Azinphos-methyl	July 13/20	< 0.05	μg/L	No
Benzene	July 13/20	< 0.32	μg/L	No
Benzo(a)pyrene	July 13/20	< 0.004	μg/L	No
Bromoxynil	July 13/20	< 0.33	μg/L	No
Carbaryl	July 13/20	< 0.05	μg/L	No
Carbofuran	July 13/20	< 0.01	μg/L	No
Carbon Tetrachloride	July 13/20	< 0.17	μg/L	No
Chlorpyrifos	July 13/20	< 0.02	μg/L	No
Diazinon	July 13/20	< 0.02	μg/L	No
Dicamba	July 13/20	< 0.20	μg/L	No
1,2-Dichlorobenzene	July 13/20	< 0.41	μg/L	No
1,4-Dichlorobenzene	July 13/20	< 0.36	μg/L	No
1,2-Dichloroethane	July 13/20	< 0.35	μg/L	No
1,1-Dichloroethylene	July 13/20	< 0.33	μg/L	No
Dichloromethane	July 13/20	< 0.35	μg/L	No
2-4 Dichlorophenol	July 13/20	< 0.15	μg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	July 13/20	< 0.19	μg/L	No
Diclofop-methyl	July 13/20	< 0.40	μg/L	No
Dimethoate	July 13/20	< 0.06	μg/L	No
Diquat	July 13/20	< 1	µg/L	No
Diuron	July 13/20	< 0.03	μg/L	No
Glyphosate	July 13/20	< 1	µg/L	No
Malathion	July 13/20	< 0.02	µg/L	No
2 methyl-4-chlorophenoxyacetic acid	July 13/20	< 0.00012	μg/L	No
Metolachlor	July 13/20	< 0.01	μg/L	No
Metribuzin	July 13/20	< 0.02	μg/L	No
Monochlorobenzene	July 13/20	< 0.3	μg/L	No
Paraquat	July 13/20	< 1	μg/L	No
Pentachlorophenol	July 13/20	< 0.15	μg/L	No
Phorate	July 13/20	< 0.01	ug/L	No
Picloram	July 13/20	< 1	μg/L	No
Polychlorinated Biphenyls (PCB)	July 13/20	< 0.04	ug/L	No
Prometryne	July 13/20	< 0.03	μg/L	No
Simazine	July 13/20	< 0.01	μg/L	No
Terbufos	July 13/20	< 0.01	ug/L	No
Tetrachloroethylene	July 13/20	< 0.35	ug/L	No
2,3,4,6-Tetrachlorophenol	July 13/20	< 0.20	μg/L	No
Triallate Triallate	July 13/20	< 0.01	μg/L	No
Trichloroethylene	July 13/20	< 0.44	ug/L	No
2,4,6-Trichlorophenol	July 13/20	< 0.25	ug/L	No
Trifluralin	July 13/20	< 0.02	μg/L	No
Vinyl Chloride	July 13/20	< 0.17	μg/L	No

Trihalomethane (THM) distribution sampling is required quarterly and must also be expressed as a running annual average. The limit as set in the Ontario Drinking Water Quality Standards is 100 ug/L. Trihalomethanes are a by-product of the disinfection process.

Date Sampled	THM Result	Running Annual	Exceedance
	Value (µg/L)	Average (µg/L)	
January 10/22	24	27.0	No
April 11/22	16	24.3	No
July 11/22	33	22.8	No
October 12/22	42	28.8	No

Sampling and testing for haloacetic acids (HAA) in the distribution system is a new requirement in 2017. The limit as set in the Ontario Drinking Water Quality Standards is 80 ug/L and starting in 2020 must also be expressed as a running annual average. Haloacetic acids are a by-product of the disinfection process.

<b>Date Sampled</b>	HAA Result Value (μg/L)	Running Annual Average (µg/L)	Exceedance
January 10/22	< 5.3	5.3	No
April 11/22	< 5.3	5.3	No
July 11/22	< 5.3	5.3	No
October 12/22	< 5.3	5.3	No

The Tiverton DWS does not have significant levels of lead and so is currently under a reduced-sampling program. Under this sampling program, O. Reg 170 Schedule 15.1 requires sampling for lead every three years and lead-related parameters (pH and alkalinity) every year. PH and Alkalinity sampling was performed in 2022, below are the results.

Date Sampled	Location Type	Number of Samples	Parameter	Range of Results
March 14, 2022	Distribution	2	pН	7.6 - 7.6
			Alkalinity (mg/L)	93 - 102
August 15, 2022	Distribution	2	рН	7.10 - 7.20
			Alkalinity (mg/L)	95 - 96

## 2.3. Operational Monitoring

Sodium hypochlorite is used for primary and secondary disinfection. The free chlorine residual is monitored continuously on the treated water and seven grab samples are taken each week in the distribution system. In addition, free chlorine levels are monitored continuously at one location in the distribution system. The Ministry of the Environment, Conservation and Parks *Procedure for Disinfection of Drinking Water in Ontario* outlines the minimum chlorine residual for adequate treatment. A distribution grab sample was not taken December 24 due to inclement weather and road closures.

Free Chlorine Residual	Number of Grab Samples	Range of Results (#-#)
Briar Hill Well #1 & #2	Continuous Monitoring	0.50 - 4.66
Treated Water		
Dent Well #2 Treated	Continuous Monitoring	0.21 - 2.00
Water		
Distribution Water	364	0.37 - 1.59
<b>Distribution Water</b>	Continuous Monitoring	0.21 – 4.66

O. Reg 170 Schedule 7 requires that turbidity in the raw water is tested at least once every month. Consistent turbidity results greater than 5 NTU could indicate surface water influence on the well.

Raw Water Turbidity Number of Grab Samples Ran		Range of Results (#-#)
Briar Hill Well #1	51	0.09 - 0.64
Briar Hill Well #2	52	0.07 - 2.78
Dent Well #2	50	0.10 - 0.87

## 3. WATER QUANTITY

The following tables list the quantities and flow rates of the water supplied to the distribution system during the reporting period covered by this report, including monthly average and maximum daily flows and a comparison to the rated capacity specified in the system Municipal Drinking Water Licence.

Briar Hill Wells #1 and #2

The rated capacity from the Briar Hill Pumphouse is 717.12 m<sup>3</sup>/day. There is no maximum flow rate specified for water supplied to the distribution system.

Month	Average Daily Flow (m³/day)	% Average Day Flow/ Rated Capacity	Maximum Daily Flow (m³/day)	% Maximum Day Flow/ Rated Capacity
January	113	16%	182	25%
February	115	16%	186	26%
March	115	16%	161	22%
April	155	22%	472	66%
May	106	15%	355	49%
June	143	20%	182	25%
July	144	20%	237	33%
August	132	18%	173	24%
September	143	20%	169	24%
October	133	18%	172	24%
November	132	18%	234	33%
December	120	17%	166	23%
Annual	129.3	18%	472	66%

Month	Average Daily Maximum Daily	
	Flow Rate (L/s)	Flow Rate (L/s)
January	1.3	9.9
February	1.3	10.3
March	1.3	8.7
April	1.8	9.8
May	1.2	6.9
June	1.7	10.3
July	1.7	9.6
August	1.5	9.2
September	1.7	9.9
October	1.5	9.9
November	1.5	7.0
December	1.4	9.9
Annual	1.5	10.29

# Dent Well #2

The rated capacity from the Dent Pumphouse is 397.44 m³/day. There is no maximum flow rate specified for water supplied to the distribution system. (It should be noted that the Permit to Take Water limit for water taking from the Dent Well is 250.5 m³/d.)

Month	Average Daily Flow (m³/day)	% Average Day Flow/ Rated Capacity	Maximum Daily Flow (m³/day)	% Maximum Day Flow/ Rated Capacity
January	75	19%	121	30%
February	76	19%	122	31%
March	75	19%	105	26%
April	83	21%	210	53%
May	119	30%	241	61%
June	93	23%	119	30%
July	103	26%	209	53%
August	88	22%	117	30%
September	93	23%	112	28%
October	86	22%	115	29%
November	87	22%	162	41%
December	80	20%	109	28%
Annual	88	22%	241	61%

Month	Average Daily Maximum Daily	
	Flow Rate (L/s)	Flow Rate (L/s)
January	0.9	5.1
February	0.9	5.1
March	0.9	5.1
April	1.0	5.1
May	1.4	5.2
June	1.1	10.2
July	1.2	10.1
August	1.0	5.0
September	1.1	9.4
October	1.0	9.7
November	1.0	10.2
December	0.9	10.1
Annual	1.02	10.21

## 4. ADVERSE WATER QUALITY INCIDENTS AND NON-COMPLIANCE FINDINGS

Any adverse results from microbiological samples, chemical samples or observations of operational conditions that indicate adverse water quality are reported to the Spills Action Centre (SAC) of the Ministry of the Environment, Conservation and Parks and the Medical Officer of Health (MOH). All adverse conditions are responded to immediately and corrective actions taken. There was one reportable incident in 2022 for Sodium Adverse.

<b>Incident Date</b>	Parameter	Result	<b>Corrective Action</b>	Corrective Action Date
October 18, 2022 AWQI# 160345	Sodium above MAC limit of 20mg/L	Briar #1 43.6mg/L Briar #2 44.0mg/L Dent #2 42.3mg/L	1	October 18, 2022

The annual Ministry of the Environment, Conservation and Parks Inspection took place on April 20, 2022. The inspection report did not identify any non-compliance issues.

O. Reg 170 Schedule 22 requires the municipality to identify any requirements of the Safe Drinking Water Act, Regulations, Drinking Water Works Permit, Municipal Drinking Water Licence and any Order that the system failed to meet during the reporting period. There were no issues identified in 2022.