ANNUAL REPORT

HILLSBURGH DRINKING WATER SYSTEM

FOR THE PERIOD: JANUARY 1, 2020 – DECEMBER 31, 2020

Prepared for the Town of Erin by the Ontario Clean Water Agency





Drinking-Water Systems Regulation O. Reg. 170/03 Section 11 Annual Report: January 1, 2020 to December 31, 2020

Town of Erin: Hillsburgh Drinking Water System

Drinking-Water System Number: Drinking-Water System Name: Drinking-Water System Owner: Drinking-Water System Category:

Period being reported:

220007285
Hillsburgh Drinking Water System
The Corporation of the Town of Erin
Large Municipal Residential
January 1, 2020 – December 31, 2020

Complete if your Category is Large Municipal Residential or Small Municipal Residential	Complete for all other Categories.
Does your Drinking-Water System serve more than 10,000 people? Yes [] No [X]	Number of Designated Facilities served: Not Applicable
Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No []	Did you provide a copy of your annual report to all Designated Facilities you serve? Not Applicable
Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for	Number of Interested Authorities you report to: Not Applicable
inspection. Office of the Town of Erin 5684 Trafalgar Road Hillsburgh, Ontario NOB 1Z0	Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Not Applicable

Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
Not Applicable	Not Applicable

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?

Not applicable.

Indicate how you notified system users that your annual report is available, and is free of charge.

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Χ	Public access/notice via the web
Χ	Public access/notice via Government Office
	Public access/notice via a newspaper
Χ	Public access/notice via Public Request
	Public access/notice via a Public Library
	Public access/notice via other method

Drinking-Water Systems Regulation O. Reg. 170/03 Section 11 Annual Report: January 1, 2020 to December 31, 2020

Town of Erin: Hillsburgh Drinking Water System

Describe your Drinking-Water System

The Hillsburgh Drinking Water System is a Class 2 Water Distribution and Supply Subsystem and a Class 1 Water Treatment Subsystem. The water system serves a population of approximately 850 residential and commercial customers, located in the former Village of Hillsburgh. The distribution system has 7.2 km of water mains with 35 fire hydrants.

The water system is a ground water system supplied by two deep drilled wells, with a total rated capacity of 1,637 m³/day. The Hillsburgh water distribution system is divided into two pressure zones. There is a pressure reducing valve chamber at the intersection of Barbour Drive and Orangeville Street. The upper pressure zone has primarily been supplied by Well No. H2. The lower pressure zone has primarily been supplied by Well No. H3. The Frank Smedley Booster Station was completed in 2014 and mainly delivers water from the lower pressure zone to the upper pressure zone.

Well No. H2 is located at 5929 Trafalgar Road, Hillsburgh at the Hillsburgh Heights (H22) Facility. It is an 88 m deep drilled groundwater well, constructed of steel casing of 200 mm diameter to a depth of 51 m. It is equipped with a submersible pump rated at 802 L/min at 52.7 m. It discharges through a 150 mm diameter line into a reservoir. A lead removal treatment system has been installed at the Hillsburgh Heights pumphouse.

Well No. H3 is located at Victoria Park, across the road from the Glendevon (H33) Pumphouse. It is a 57.9 m deep drilled groundwater well, constructed of steel casing of 200 mm diameter to a depth of 20.1 m. It is equipped with a submersible pump rated at 456 L/min. It is connected to a 75 mm diameter discharge line leading to the reservoir.

List all water treatment chemicals used over this reporting period

- Sodium Hypochlorite 12% NSF Disinfection
- Ferric Chloride NSF Lead Removal

Were any significant expenses incurred to?

	Install required equipment
Χ	Repair required equipment
	Replace required equipment
	No significant expenses were incurred

Please provide a brief description of any significant expenses incurred

- Annual Flow Meter Calibrations
- Annual Generator Load Testing
- Annual Backflow Preventer Inspections
- DWQMS S1 Systems Audit
- Hillsburgh Heights Reservoir cleaning and inspection
- Glendevon Reservoir cleaning and inspection
- Data Logger Repair

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date (yyyy/mm/dd)	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date (yyyy/mm/dd)
2020/03/22	Chlorine Residual (Disinfection)	n/a	n/a	AWQI# 149777 - Following a mainbreak on Douglas Crescent, pressure loss was observed across the distribution system leading to the potential for improper disinfection. Although the break was isolated promptly and distribution chlorine residuals were above the compliance limits for proper disinfection, a precautionary AWQI was issued.	2020/03/22
2020/07/16	Total Coliform	1	CFU	AWQI was issued. AWQI# 150765 - Operator took 1st re-sampled July 17, 2020 Glendevon Well Treated at 10:25 (at point) chlorine residual 1.04, Glendevon Well Raw at 10:25 and Distribution Spruce St. (down stream) at 11:40 chlorine residual 0.70. Samples were analyzed and results came back July 18 at 19:29 - Results 0 cfu/100ml E.Coli and 0 cfu/100ml Total Coliform for all samples taken. Operator took 2nd re-sample July 18, 2020 at Glendevon Well Treated at 11:58 (at point) chlorine residual 1.08, Glendevon Well Raw at 11:55 and Distribution Spruce St. (down stream) at 12:10 chlorine residual 0.92. Samples were analyzed and results came back July 19 at 18:42 - Results 0 cfu/100ml E.Coli and 0 cfu/100ml Total Coliform for all samples taken	2020/07/19
2020/12/07	Low Distribution Chlorine	n/a	n/a	AWQI# 153184 - Alarm was received for low chlorine in the distribution at 1:05am. Operator called in to site for a low distribution cl2 alarm. Operator arrived on-site at 01:55, analyzer reading 0.04mg/L. When operator arrived on-site grab sample was taken and reading was 0.91 mg/L. Changed out the electrolyte for the probe. Continued taking residuals every 10 min approximately	2020/12/07

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and documented in station log
book. Waited while the probe
slope calibration stabilized.
Once slope calibration
stabilized, confirmed analyzer
reading of 1.03 mg/L with
handheld reading of 1.09 mg/L.
A follow up calibration of
analyzer was completed during
morning rounds and data
collection

Table 1. Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

Location	Number of	Range of E.coli Results		Range of Total Coliforms Results		•		Number of	Range of HI	PC Samples
	Samples	Min.	Max.	Min.	Max.	HPC Samples	Min.	Max.		
Raw Water – Well H2	52	0	0	0	0	-	-	-		
Raw Water - Well H3	54*	0	0	0	0	-	-	-		
Treated Water – H2	52	0	0	0	0	52	0	2		
Treated Water – H3	54*	0	0	0	1	54*	0	1		
Distribution	106	0	0	0	0	106	0	800		

^{*}Additional sampling due to AWQI# 150765 re-samples

Table 2. Operational testing done under Schedule 7, 8 or 9 during the period covered by this Annual Report.

Davanatan	Number of Grab	Range of F	Results	
Parameter	Samples	Minimum	Maximum	
·	Raw Wa	ater		
Turbidity, Well H2 (NTU)	13	0.08	0.37	
Turbidity, Well H3 (NTU)	13	0.06	0.34	
	Treated V	Vater		
Free Chlorine Residual, TW H2 (mg/L)	8760	0.00*	2.00	
Free Chlorine Residual, TW H3 (mg/L)	8760	0.00*	2.00	
	Distribution	Water		
Free Chlorine Residual, DW (mg/L)	8760	0.00**	5.00	

NOTE: For continuous monitors, 8760 is used as the number of samples.

^{*}Minimum chlorine residuals of 0 mg/L are due to power outages and analyzer calibrations; actual readings at the time were well within regulatory requirements.

^{**}Minimum chlorine residual of 0 mg/L due to distribution analyzer software issue; all treated water that was directed to users was within regulatory requirements.

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Table 3. Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
December 14, 2018 - MDWL	Lead	2020/01/08	Raw – 7.4 Treated – 3.7	μg/L
December 14, 2018 - MDWL	Lead	2020/04/07	Raw – 7.8 Treated – 4.4	μg/L
December 14, 2018 - MDWL	Lead	2020/07/08	Raw – 7.5 Treated – 5.1	μg/L
December 14, 2018 - MDWL	Lead	2020/10/06	Raw – 7.9 Treated – 5.4	μg/L
December 14, 2018 - MDWL	Lead - Gross α	2019/01/14	0.28	Bq/L
December 14, 2018 - MDWL	Lead – Gross β	2019/01/14	<mdl 0.10<="" td=""><td>Bq/L</td></mdl>	Bq/L

Table 4. Summary of Inorganic parameters tested during this reporting period or most recent sample results

	Sample Date		MAC	No. of Exceedances		
Treated Water	(yyyy/mm/dd)	Sample Result		MAC	1/2 MAC	
Antimony: Sb (μg/L) – TW H2	2018/05/09	<mdl 0.0005<="" td=""><td>6.0</td><td>No</td><td>No</td></mdl>	6.0	No	No	
Antimony: Sb (μg/L) – TW H3	2018/05/09	<mdl 0.0005<="" td=""><td>6.0</td><td>No</td><td>No</td></mdl>	6.0	No	No	
Arsenic: As (μg/L) - TW H2	2018/05/09	<mdl 0.0010<="" td=""><td>10.0</td><td>No</td><td>No</td></mdl>	10.0	No	No	
Arsenic: As (μg/L) – TW H3	2018/05/09	<mdl 0.0010<="" td=""><td>10.0</td><td>No</td><td>No</td></mdl>	10.0	No	No	
Barium: Ba (μg/L) - TW H2	2018/05/09	0.050	1000.0	No	No	
Barium: Ba (μg/L) – TW H3	2018/05/09	0.019	1000.0	No	No	
Boron: B (μg/L) - TW H2	2018/05/09	0.019	5000.0	No	No	
Boron: B (μg/L) – TW H3	2018/05/09	0.035	5000.0	No	No	
Cadmium: Cd (µg/L) - TW H2	2018/05/09	<mdl 0.0001<="" td=""><td>5.0</td><td>No</td><td>No</td></mdl>	5.0	No	No	
Cadmium: Cd (μg/L) – TW H3	2018/05/09	<mdl 0.0001<="" td=""><td>5.0</td><td>No</td><td>No</td></mdl>	5.0	No	No	
Chromium: Cr (µg/L) - TW H2	2018/05/09	<mdl 0.0050<="" td=""><td>50.0</td><td>No</td><td>No</td></mdl>	50.0	No	No	
Chromium: Cr (μg/L) – TW H3	2018/05/09	<mdl 0.0050<="" td=""><td>50.0</td><td>No</td><td>No</td></mdl>	50.0	No	No	
Mercury: Hg (μg/L) - TW H2	2018/05/09	<mdl 0.0001<="" td=""><td>1.0</td><td>No</td><td>No</td></mdl>	1.0	No	No	
Mercury: Hg (μg/L) – TW H3	2018/05/09	<mdl 0.0001<="" td=""><td>1.0</td><td>No</td><td>No</td></mdl>	1.0	No	No	
Selenium: Se (μg/L) - TW H2	2018/05/09	<mdl 0.0020<="" td=""><td>50.0</td><td>No</td><td>No</td></mdl>	50.0	No	No	
Selenium: Se (μg/L) – TW H3	2018/05/09	<mdl 0.0020<="" td=""><td>50.0</td><td>No</td><td>No</td></mdl>	50.0	No	No	
Uranium: U (μg/L) - TW H2	2018/05/09	0.00032	20.0	No	No	
Uranium: U (μg/L) - TW H3	2018/05/09	0.00017	20.0	No	No	
Additional Inorganics						
Fluoride (mg/L) – TW H2	2018/05/09	0.87	1.5	No	No	
Fluoride (mg/L) – TW H3	2018/05/09	0.60	1.5	No	No	
Nitrite (mg/L) – TW H2	2020/01/21	0.01	1.0	No	No	
Nitrite (mg/L) – TW H2	2020/04/15	0.01	1.0	No	No	
Nitrite (mg/L) – TW H2	2020/07/08	0.01	1.0	No	No	

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Nitrite (mg/L) – TW H2	2020/10/20	0.01	1.0	No	No
Nitrite (mg/L) – TW H3	2020/01/21	0.01	1.0	No	No
Nitrite (mg/L) - TW H3	2020/04/15	0.01	1.0	No	No
Nitrite (mg/L) - TW H3	2020/07/08	0.01	1.0	No	No
Nitrite (mg/L) - TW H3	2020/10/20	0.01	1.0	No	No
Nitrate (mg/L) – TW H2	2020/01/21	1.02	10.0	No	No
Nitrate (mg/L) - TW H2	2020/04/15	1.13	10.0	No	No
Nitrate (mg/L) - TW H2	2020/07/08	1.1	10.0	No	No
Nitrate (mg/L) - TW H2	2020/10/20	1.12	10.0	No	No
Nitrate (mg/L) - TW H3	2020/01/21	0.1	10.0	No	No
Nitrate (mg/L) - TW H3	2020/04/15	0.1	10.0	No	No
Nitrate (mg/L) - TW H3	2020/07/08	0.1	10.0	No	No
Nitrate (mg/L) - TW H3	2020/10/20	0.1	10.0	No	No
Sodium: Na (mg/L) – TW H2	2018/05/09	14.0	20*	No	Yes
Sodium: Na (mg/L) – TW H3	2018/05/09	11.0	20*	No	Yes
Nitrate (mg/L) - TW H3 Sodium: Na (mg/L) - TW H2	2020/01/21 2020/04/15 2020/07/08 2020/10/20 2018/05/09	0.1 0.1 0.1 0.1 14.0	10.0 10.0 10.0 10.0 20*	No No No No	No No No Ye

^{*}There is no "MAC" for Sodium. The aesthetic objective for sodium in drinking water is 200 mg/L. The local Medical Officer of Health should be notified when the sodium concentration exceeds 20 mg/L so that this information may be communicated to local physicians for their use with patients on sodium restricted diets.

Table 5. Summary of lead testing under Schedule 15.1 during this reporting period (applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Time	Number of	Range of Results		MAC	Number of	
Location Type	Samples Minimum		Maximum		Exceedances	
Distribution - Lead Results (μg/L)	6	0.50	3.10	10	0	
Distribution - Alkalinity (mg/L)	6	160	220	n/a	n/a	
Distribution - pH In-House	6	7.4	7.9	n/a	n/a	

The Hillsburgh Drinking Water Systems qualifies for plumbing exemption.

Table 6. Summary of Organic parameters sampled during this reporting period or the most recent sample results

TREATED WATER	Sample Date (yyyy/mm/dd)	Sample Result	MAC	Number of Exceedances	
				MAC	1/2 MAC
Alachlor (μg/L) - TW H2	2018/05/09	<mdl 0.50<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
Alachlor (μg/L) - TW H3	2018/05/09	<mdl 0.50<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
Atrazine + N-dealkylated metabolites (μg/L) - TW H2	2018/05/09	<mdl 0.50<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
Atrazine + N-dealkylated metabolites (μg/L) - TW H3	2018/05/09	<mdl 0.50<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
Azinphos-methyl (μg/L) - TW H2	2018/05/09	<mdl 2.0<="" td=""><td>20.00</td><td>No</td><td>No</td></mdl>	20.00	No	No
Azinphos-methyl (μg/L) - TW H3	2018/05/09	<mdl 2.0<="" td=""><td>20.00</td><td>No</td><td>No</td></mdl>	20.00	No	No
Benzene (μg/L) - TW H2	2018/05/09	<mdl 0.10<="" td=""><td>1.00</td><td>No</td><td>No</td></mdl>	1.00	No	No

Benzene (µg/L) - TW H3	2018/05/09	<mdl 0.10<="" th=""><th>1.00</th><th>No</th><th>No</th></mdl>	1.00	No	No
Benzo(a)pyrene (μg/L) - TW H2	2018/05/09	<mdl 0.0090<="" td=""><td>0.01</td><td>No</td><td>No</td></mdl>	0.01	No	No
Benzo(a)pyrene (μg/L) - TW H3	2018/05/09	<mdl 0.0090<="" td=""><td>0.01</td><td>No</td><td>No</td></mdl>	0.01	No	No
Bromoxynil (μg/L) - TW H2	2018/05/09	<mdl 0.50<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
Bromoxynil (μg/L) - TW H3	2018/05/09	<mdl 0.50<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
Carbaryl (µg/L) - TW H2	2018/05/09	<mdl 5.0<="" td=""><td>90.00</td><td>No</td><td>No</td></mdl>	90.00	No	No
Carbaryl (µg/L) - TW H3	2018/05/09	<mdl 5.0<="" td=""><td>90.00</td><td>No</td><td>No</td></mdl>	90.00	No	No
Carbofuran (µg/L) - TW H2	2018/05/09	<mdl 5.0<="" td=""><td>90.00</td><td>No</td><td>No</td></mdl>	90.00	No	No
Carbofuran (µg/L) - TW H3	2018/05/09	<mdl 5.0<="" td=""><td>90.00</td><td>No</td><td>No</td></mdl>	90.00	No	No
Carbon Tetrachloride (µg/L) - TW H2	2018/05/09	<mdl 0.10<="" td=""><td>2.00</td><td>No</td><td>No</td></mdl>	2.00	No	No
Carbon Tetrachloride (µg/L) - TW H3	2018/05/09	<mdl 0.10<="" td=""><td>2.00</td><td>No</td><td>No</td></mdl>	2.00	No	No
Chlorpyrifos (µg/L) - TW H2	2018/05/09	<mdl 1.0<="" td=""><td>90.00</td><td>No</td><td>No</td></mdl>	90.00	No	No
Chlorpyrifos (µg/L) - TW H3	2018/05/09	<mdl 1.0<="" td=""><td>90.00</td><td>No</td><td>No</td></mdl>	90.00	No	No
Diazinon (μg/L) - TW H2	2018/05/09	<mdl 1.0<="" td=""><td>20.00</td><td>No</td><td>No</td></mdl>	20.00	No	No
Diazinon (μg/L) - TW H3	2018/05/09	<mdl 1.0<="" td=""><td>20.00</td><td>No</td><td>No</td></mdl>	20.00	No	No
Dicamba (μg/L) - TW H2	2018/05/09	<mdl 1.0<="" td=""><td>120.00</td><td>No</td><td>No</td></mdl>	120.00	No	No
Dicamba (μg/L) - TW H3	2018/05/09	<mdl 1.0<="" td=""><td>120.00</td><td>No</td><td>No</td></mdl>	120.00	No	No
1,2-Dichlorobenzene (μg/L) - TW H2	2018/05/09	<mdl 0.20<="" td=""><td>200.00</td><td>No</td><td>No</td></mdl>	200.00	No	No
1,2-Dichlorobenzene (μg/L) - TW H3	2018/05/09	<mdl 0.20<="" td=""><td>200.00</td><td>No</td><td>No</td></mdl>	200.00	No	No
1,4-Dichlorobenzene (μg/L) - TW H2	2018/05/09	<mdl 0.20<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
1,4-Dichlorobenzene (μg/L) - TW H3	2018/05/09	<mdl 0.20<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
1,2-Dichloroethane (µg/L) - TW H2	2018/05/09	<mdl 0.20<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
1,2-Dichloroethane (µg/L) - TW H3	2018/05/09	<mdl 0.20<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
1,1-Dichloroethylene (μg/L) - TW H2	2018/05/09	<mdl 0.10<="" td=""><td>14.00</td><td>No</td><td>No</td></mdl>	14.00	No	No
1,1-Dichloroethylene (μg/L) - TW H3	2018/05/09	<mdl 0.10<="" td=""><td>14.00</td><td>No</td><td>No</td></mdl>	14.00	No	No
Dichloromethane (Methylene Chloride) (μg/L) - TW H2	2018/05/09	<mdl 0.50<="" td=""><td>50.00</td><td>No</td><td>No</td></mdl>	50.00	No	No
Dichloromethane (Methylene Chloride) (μg/L) - TW H3	2018/05/09	<mdl 0.50<="" td=""><td>50.00</td><td>No</td><td>No</td></mdl>	50.00	No	No
2,4-Dichlorophenol (µg/L) - TW H2	2018/05/09	<mdl 0.25<="" td=""><td>900.00</td><td>No</td><td>No</td></mdl>	900.00	No	No
2,4-Dichlorophenol (µg/L) - TW H3	2018/05/09	<mdl 0.25<="" td=""><td>900.00</td><td>No</td><td>No</td></mdl>	900.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) ($\mu g/L$) - TW H2	2018/05/09	<mdl 1.0<="" td=""><td>100.00</td><td>No</td><td>No</td></mdl>	100.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) ($\mu g/L$) - TW H3	2018/05/09	<mdl 1.0<="" td=""><td>100.00</td><td>No</td><td>No</td></mdl>	100.00	No	No
Diclofop-methyl (μg/L) - TW H2	2018/05/09	<mdl 0.90<="" td=""><td>9.00</td><td>No</td><td>No</td></mdl>	9.00	No	No
Diclofop-methyl (μg/L) - TW H3	2018/05/09	<mdl 0.90<="" td=""><td>9.00</td><td>No</td><td>No</td></mdl>	9.00	No	No
Dimethoate (µg/L) - TW H2	2018/05/09	<mdl 2.5<="" td=""><td>20.00</td><td>No</td><td>No</td></mdl>	20.00	No	No
Dimethoate (μg/L) - TW H3	2018/05/09	<mdl 2.5<="" td=""><td>20.00</td><td>No</td><td>No</td></mdl>	20.00	No	No
Diquat (μg/L) – TW H2	2018/05/09	<mdl 14.0<="" td=""><td>70.00</td><td>No</td><td>No</td></mdl>	70.00	No	No
Diquat (μg/L) – TW H3	2018/05/09	<mdl 14.0<="" td=""><td>70.00</td><td>No</td><td>No</td></mdl>	70.00	No	No
Diuron (μg/L) – TW H2	2018/05/09	<mdl 10.0<="" td=""><td>150.00</td><td>No</td><td>No</td></mdl>	150.00	No	No
Diuron (μg/L) – TW H3	2018/05/09	<mdl 10.0<="" td=""><td>150.00</td><td>No</td><td>No</td></mdl>	150.00	No	No
Glyphosate (μg/L) – TW H2	2018/05/09	<mdl 10.0<="" td=""><td>280.00</td><td>No</td><td>No</td></mdl>	280.00	No	No
Glyphosate (µg/L) – TW H3	2018/05/09	<mdl 10.0<="" td=""><td>280.00</td><td>No</td><td>No</td></mdl>	280.00	No	No

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PCB (μg/L) - TW H2					
Paraquat (μg/L) - TW H2 Paraquat (μg/L) - TW H3	2018/05/09	<mdl 2.0<="" td=""><td>10.00</td><td>No No</td><td>No No</td></mdl>	10.00	No No	No No
	2018/05/09	<mdl 0.05<="" td=""><td>3.00</td><td>No</td><td>No</td></mdl>	3.00	No	No
PCB (µg/L) - TW H3	2018/05/09	<mdl 0.05<="" td=""><td>3.00</td><td>No</td><td>No</td></mdl>	3.00	No	No
Pentachlorophenol (µg/L) - TW H2	2018/05/09	<mdl 0.50<="" td=""><td>60.00</td><td>No</td><td>No</td></mdl>	60.00	No	No
Pentachlorophenol (µg/L) - TW H3	2018/05/09	<mdl 0.50<="" td=""><td>60.00</td><td>No</td><td>No</td></mdl>	60.00	No	No
Phorate (µg/L) - TW H2	2018/05/09	<mdl 0.50<="" td=""><td>2.00</td><td>No</td><td>No</td></mdl>	2.00	No	No
Phorate (μg/L) - TW H3 Picloram (μg/L) - TW H2	2018/05/09	<mdl 0.50<="" td=""><td>2.00</td><td>No</td><td>No</td></mdl>	2.00	No	No
Picloram (μg/L) - TW H2 Picloram (μg/L) - TW H3	2018/05/09	<mdl 5.0<="" td=""><td>190.00 190.00</td><td>No No</td><td>No No</td></mdl>	190.00 190.00	No No	No No
Prometryne (μg/L) - TW H2	2018/05/09	<mdl 0.25<="" td=""><td>1.00</td><td>No</td><td>No</td></mdl>	1.00	No	No
Prometryne (μg/L) - TW H2 Prometryne (μg/L) - TW H3	2018/05/09	<mdl 0.25<="" td=""><td>1.00</td><td>No</td><td>No</td></mdl>	1.00	No	No
Simazine (μg/L) - TW H2	2018/05/09	<mdl 1.0<="" td=""><td>10.00</td><td>No</td><td>No</td></mdl>	10.00	No	No
Simazine (μg/L) - TW H3	2018/05/09	<mdl 1.0<="" td=""><td>10.00</td><td>No</td><td>No</td></mdl>	10.00	No	No
Terbufos (μg/L) - TW H2	2018/05/09	<mdl 0.50<="" td=""><td>1.00</td><td>No</td><td>No</td></mdl>	1.00	No	No
Terbufos (µg/L) - TW H3	2018/05/09	<mdl 0.50<="" td=""><td>1.00</td><td>No</td><td>No</td></mdl>	1.00	No	No
Tetrachloroethylene (μg/L) - TW H2	2018/05/09	<mdl 0.10<="" td=""><td>10.00</td><td>No</td><td>No</td></mdl>	10.00	No	No
Tetrachloroethylene (μg/L) - TW H3	2018/05/09	<mdl 0.10<="" td=""><td>10.00</td><td>No</td><td>No</td></mdl>	10.00	No	No
2,3,4,6-Tetrachlorophenol (μg/L) - TW H2	2018/05/09	<mdl 0.50<="" td=""><td>100.00</td><td>No</td><td>No</td></mdl>	100.00	No	No
2,3,4,6-Tetrachlorophenol (µg/L) - TW H3	2018/05/09	<mdl 0.50<="" td=""><td>100.00</td><td>No</td><td>No</td></mdl>	100.00	No	No
Triallate (µg/L) - TW H2	2018/05/09	<mdl 1.0<="" td=""><td>230.00</td><td>No</td><td>No</td></mdl>	230.00	No	No
Triallate (μg/L) - TW H3	2018/05/09	<mdl 1.0<="" td=""><td>230.00</td><td>No</td><td>No</td></mdl>	230.00	No	No
Trichloroethylene (μg/L) - TW H2	2018/05/09	<mdl 0.10<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
Trichloroethylene (μg/L) - TW H3	2018/05/09	<mdl 0.10<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
2,4,6-Trichlorophenol (μg/L) - TW H2	2018/05/09	<mdl 0.50<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
2,4,6-Trichlorophenol (μg/L) - TW H3	2018/05/09	<mdl 0.50<="" td=""><td>5.00</td><td>No</td><td>No</td></mdl>	5.00	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (μg/L) - TW H2	2018/05/09	<mdl 10.0<="" td=""><td>100.00</td><td>No</td><td>No</td></mdl>	100.00	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (μg/L) - TW H3	2018/05/09	<mdl 10.0<="" td=""><td>100.00</td><td>No</td><td>No</td></mdl>	100.00	No	No
Trifluralin (μg/L) - TW H2	2018/05/09	<mdl 1.0<="" td=""><td>45.00</td><td>No</td><td>No</td></mdl>	45.00	No	No
Trifluralin (μg/L) - TW H3	2018/05/09	<mdl 1.0<="" td=""><td>45.00</td><td>No</td><td>No</td></mdl>	45.00	No	No
Vinyl Chlorido (ug/L) TW/LI2	2018/05/09	<mdl 0.20<="" td=""><td>1.00</td><td>No</td><td>No</td></mdl>	1.00	No	No
Vinyl Chloride (μg/L) - TW H2					

Drinking-Water Systems Regulation O. Reg. 170/03

Section 11 Annual Report: January 1, 2020 to December 31, 2020

Town of Erin: Hillsburgh Drinking Water System

Trihalomethane: Total (μg/L) Annual Average – DW	2020 (Quarterly)	10.835	100.00	No	No
HAA Total (μg/L) Annual Average – DW	2020 (Quarterly)	5.00	80.00	No	No

Table 7. List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards. (Only if DWS category is large municipal residential, small municipal residential, large municipal non-residential, non-municipal year round residential, large non municipal non-residential)

Parameter	Result Value	Unit of Measure	Date of Sample			
Not Applicable						

The Hillsburgh Drinking Water System was last inspected by the Ministry of the Environment, Conservation, and Parks on October 29, 2020.