



Water Supply and Distribution System
Washago
2023 Annual Report

ANNUAL REPORT

Drinking-Water System Number:	220005161
Drinking-Water System Name:	Washago Water Supply and Distribution
Drinking-Water System Owner:	The Corporation of the Township of Severn
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2023, to December 31, 2023

Complete if your Category is Large Municipal Residential or Small Municipal Residential	<u>Complete for all other Categories.</u>
Does your Drinking-Water System serve more than 10,000 people? Yes [] No [X]	Number of Designated Facilities served:
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? Yes [] No []
Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.	Number of Interested Authorities you report to:
Township of Severn Administrative Office 1024 Hurlwood Lane Severn, Ontario L3V 0Y6	Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] No []

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 their drinking water from your system:

Drinking Water System Name	Drinking Water System Number		
Ramara Knob Hill / Somerset	260046137		

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?

Yes [X] No []

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

- [X] Public access/notice via the web
- [X] Public access/notice via Government Office
- [] Public access/notice via a newspaper
- [X] Public access/notice via Public Request
- [] Public access/notice via a Public Library
- [] Public access/notice via other method _

Describe your Drinking-Water System

Water for the Washago water treatment plant is pumped from Lake Couchiching to a package water treatment plant located on Quetton Street. Chlorine dioxide and SternPAC are added prior to direct filtration. Filtration is provided by two (2) trains of pressure type depth filters and clarifiers, followed by GAC filtration. Filtered water is chlorinated and then sent to a 257 m³, three-cell, baffled concrete underground reservoir for storage. Backwash water from the clarifiers and filters is sent directly to the sanitary sewage system. The distribution system was constructed in the 1980's and consists of PVC piping with a recirculation line connecting all dead ends. There are 11 fire hydrants and four sample stations connected to the distribution system. The Washago water system serves approximately 124 residential homes in the village of Washago in the Township of Severn and 17 houses in the Township of Ramara.

List all water treatment chemicals used over this reporting period

Sodium Hypochlorite Stern PAC Sodium Chlorite Hydrochloric Acid

Were any significant expenses incurred to?

- [] Install required equipment.
- [X] Repair required equipment
- [] Replace required equipment.

Please provide a brief description and a breakdown of monetary expenses incurred.

New Security Gate-\$10,000.00 Chlorine Chemical Feed System-\$23,000.00 Low lift pump inspection-\$33,000.00

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	Parameter	Result	Unit of	Corrective Action	Corrective
			Measure		Action Date
October 27, 2023	Sodium	34.4	mg/L	Resample and public notification.	November 2,2023
July 26, 2023	TC/EC exceedance	TC-67 EC-24	mg/L	Resample	July 28, 2023

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

	Number of Samples	Range of E.Coli Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw	52	0-20	0-1300	N/A	N/A
Treated	52	0-0	0-0	52	0-10
Distribution	106	0-24	0 - 67	103	0-10

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

	Number of Grab	Range of Results (min #)-(max #)
Turbidity Train 1	Samples	0.02 0.16 NTU
Turbidity – Train 1	8760	0.03 – 0.16 NTU
Turbidity – Train 2	8760	0.04 - 0.15 NTU
Turbidity	8760	0.05 - 0.13 NTU
Chlorine	8760	1.11 - 2.07
Chlorine Free Residual	364	0.95 - 1.81
Distribution Supply		
Fluoride (If the DWS	N/A	
provides fluoridation)		

NOTE: For continuous monitors use 8760 as the number of samples.

NOTE: Record the unit of measure if it is not milligrams per litre.

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
July 16, 2012	Chlorite	Jan. 3, 2023	0.03	mg/L
Replaced June of 2021		Jan 23, 2023	0.06	C
1		Feb. 6, 2023	0.01	
		March 6, 2023	0.01	
		March 20, 2023	0.02	
		April 3, 2023	0.01	
		May 1, 2023	0.04	
		June 5, 2023	0.01	
		July 4, 2023	0.06	
		Aug 8, 2023	0.01	
		Sept. 6, 2023	0.01	
		Oct 11, 2023	0.01	
		Oct. 30, 2023	0.01	
		Nov. 6, 2023	0.01	
		Dec. 4, 2023	0.01	
July 16, 2012	Chlorate	Jan 3, 2023	0.26	mg/L
Replaced June of 2021		Jan. 23, 2023	0.49	
		Feb. 6, 2023	0.26	
		March 6, 2023	0.26	
		March 20, 2023	039	
		April 3, 2023	0.20	
		May 1, 2023	0.36	
		June 5, 2023	0.45	
		July 4, 2023	0.54	
		Aug 8, 2023	0.52	
		Sept. 6, 2023	0.52	
		Oct 11, 2023	0.62	
		Oct. 30, 2023	0.31	
		Nov. 6, 2023	0.51	
		Dec. 4, 2023	0.35	

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	October 23, 2023	0.6	μg/L	No
Arsenic	October 23, 2023	0.3	μg/L	No
Barium	October 23, 2023	26.4	μg/L	No
Boron	October 23, 2023	15	μg/L	No
Cadmium	October 23, 2023	0.005	μg/L	No
Chromium	October 23, 2023	0.16	μg/L	No
*Lead	Jan. 23-July 24, 2023	0.39 -0.40	µg/L	No
Mercury	October 23, 2023	0.01	μg/L	No
Selenium	October 23, 2023	0.06	µg/L	No
Sodium	October 23, 2023	35.5	mg/L	Yes
Uranium	October 23, 2023	0.096	μg/L	No
Nitrite	Jan. 23, 2023 April 24, 2023 July 24, 2023 October 23, 2023	0.003 0.003 0.003 0.003	mg/L	No
Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Nitrate	Jan. 23, 2023 April 24, 2023 July 24, 2023	0.007 0.059 0.075	mg/L	No
	October 23, 2023	0.043		

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

*only for drinking water systems testing under Schedule 15.2; this includes large municipal nonresidential systems, small municipal non-residential systems, non-municipal seasonal residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems.

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 Type	Number of Samples	Range of Lead Results (min#) – (max #)	Number of Exceedances
Plumbing			
Distribution	2	0.39-0.40	0

Parameter Sample Date Resure Centro of the asymptic term Alachlor October 23, 2023 0.02 µg/L No Atrazine + N-dealkylated metabolites October 23, 2023 0.01 µg/L No Atrazine October 23, 2023 0.01 µg/L No Atrazine October 23, 2023 0.01 µg/L No Benzene October 23, 2023 0.34 µg/L No Bromoform October 23, 2023 0.34 µg/L No Berneoloprom October 23, 2023 0.04 µg/L No Bernoform October 23, 2023 0.01 µg/L No Carborn October 23, 2023 0.01 µg/L No Carbornan October 23, 2023 0.01 µg/L No Chloroform October 23, 2023 0.02 µg/L No Charbaryi October 23, 2023 0.47 µg/L No Charbaryi October 23, 2023 0.20 µg/L No	recent sample results.	Sampla Data	Docul4	Unit of	Exandance
Atrazine + N-dealkylated metobolits October 23, 2023 0.01 µg/L No Azinphos-methyl October 23, 2023 0.01 µg/L No Atrazine October 23, 2023 0.01 µg/L No Brazene October 23, 2023 0.01 µg/L No Bromodichloromethane October 23, 2023 0.32 µg/L No Bromodichloromethane October 23, 2023 0.34 µg/L No Bromoacetic Acid October 23, 2023 0.04 µg/L No Bromoform October 23, 2023 0.04 µg/L No Carboryne October 23, 2023 0.01 µg/L No Carbofuran October 23, 2023 0.01 µg/L No Chloroform October 23, 2023 0.17 µg/L No Chloroform October 23, 2023 0.20 µg/L No Chloroform October 23, 2023 0.20 µg/L No 1.2-Dichlorobenzene October 23, 2023 0.35	Parameter	Sample Date			Exceedance
Azinphos-methyl October 23, 2023 0.05 $\mu g/L$ No Atrazine October 23, 2023 0.01 $\mu g/L$ No Benzene October 23, 2023 0.32 $\mu g/L$ No Bromodichloromethane October 23, 2023 0.34 $\mu g/L$ No Bromoform October 23, 2023 0.34 $\mu g/L$ No Bernzo(a)pyrene October 23, 2023 0.04 $\mu g/L$ No Carbonran October 23, 2023 0.01 $\mu g/L$ No Carbonran October 23, 2023 0.01 $\mu g/L$ No Carbon Tetrachloride October 23, 2023 0.01 $\mu g/L$ No Chloropyrifos October 23, 2023 0.02 $\mu g/L$ No Diazinon October 23, 2023 44 $\mu g/L$ No Diazinon October 23, 2023 0.41 $\mu g/L$ No 1.2-Dichlorobenzene October 23, 2023 0.36 $\mu g/L$ No 1.2-Dichlorobenzene October 23, 2023 <td< th=""><th></th><th>October 23, 2023</th><th>0.02</th><th>μg/L</th><th>No</th></td<>		October 23, 2023	0.02	μg/L	No
Atrazine October 23, 2023 0.01 $\mu g/L$ No Benzene October 23, 2023 0.32 $\mu g/L$ No Bromodichloromethane October 23, 2023 14 $\mu g/L$ No Bromodichloromethane October 23, 2023 0.34 $\mu g/L$ No Bromoacctic Acid October 23, 2023 0.94 $\mu g/L$ No Benzo(a)pyrene October 23, 2023 0.04 $\mu g/L$ No Carborral October 23, 2023 0.05 $\mu g/L$ No Carbon Tetrachloride October 23, 2023 0.01 $\mu g/L$ No Chloroform October 23, 2023 0.02 $\mu g/L$ No Diazinon October 23, 2023 0.02 $\mu g/L$ No Diazinon October 23, 2023 0.20 $\mu g/L$ No 1.4-Dichlorobenzene October 23, 2023 0.20 $\mu g/L$ No 1.4-Dichlorobenzene October 23, 2023 0.35 $\mu g/L$ No 1.4-Dichlorobenzene October 23, 202	Atrazine + N-dealkylated metobolites	October 23, 2023	0.01	μg/L	No
Benzene October 23, 2023 0.32 µg/L No Bromodichloromethane October 23, 2023 1.4 µg/L No Bromoform October 23, 2023 0.34 µg/L No Bromoacetic Acid October 23, 2023 0.34 µg/L No Benzo(a)pyrene October 23, 2023 0.04 µg/L No Carbaryl October 23, 2023 0.01 µg/L No Carbofuran October 23, 2023 0.01 µg/L No Carbofuran October 23, 2023 0.02 µg/L No Chloroacetic Acid October 23, 2023 0.02 µg/L No Chloroform October 23, 2023 0.02 µg/L No Diazinon October 23, 2023 0.02 µg/L No 1,4-Dichlorobenzene October 23, 2023 0.20 µg/L No 1,4-Dichlorobenzene October 23, 2023 0.36 µg/L No 1,4-Dichlorobenzene October 23, 2023 0.35 µg/L	Azinphos-methyl	October 23, 2023	0.05	μg/L	No
Bromodichloromethane October 23, 2023 142 μg/L No Bromoform October 23, 2023 0.34 μg/L No Bromoacetic Acid October 23, 2023 0.34 μg/L No Benzo(a)pyrene October 23, 2023 0.04 μg/L No Carbaryl October 23, 2023 0.01 μg/L No Carborn Tetrachloride October 23, 2023 0.01 μg/L No Chloropyrifos October 23, 2023 0.01 μg/L No Chloroform October 23, 2023 0.02 μg/L No Diazinon October 23, 2023 0.02 μg/L No Diazinon October 23, 2023 0.20 μg/L No J.4-Dichlorobenzene October 23, 2023 0.20 μg/L No J.4-Dichlorobenzene October 23, 2023 0.35 μg/L No J.4-Dichlorobenzene October 23, 2023 0.35 μg/L No J.1-Dichlorobenzene October 23, 2023 0.15	Atrazine	October 23, 2023	0.01	μg/L	No
Bromoform October 23, 2023 0.34 µg/L No Bromoacetic Acid October 23, 2023 2.9 µg/L No Benzo(a)pyrene October 23, 2023 0.04 µg/L No Carbofuran October 23, 2023 0.05 µg/L No Carbofuran October 23, 2023 0.01 µg/L No Carbofuran October 23, 2023 0.01 µg/L No Chloropyrifos October 23, 2023 0.17 µg/L No Chloroform October 23, 2023 4.7 µg/L No Diazinon October 23, 2023 0.02 µg/L No Jiz-Dichlorobenzene October 23, 2023 0.20 µg/L No Jiz-Dichlorobenzene October 23, 2023 0.21 µg/L No J.4-Dichlorobenzene October 23, 2023 0.35 µg/L No J.1-Dichloroethane October 23, 2023 0.35 µg/L No J.1-Dichloroethylene October 23, 2023 0.15 µ	Benzene	October 23, 2023	0.32	μg/L	No
Bromoacetic Acid October 23, 2023 2.023 μg/L No Benzo(a)pyrene October 23, 2023 0.04 μg/L No Carbaryl October 23, 2023 0.05 μg/L No Carborran October 23, 2023 0.01 μg/L No Carbon Tetrachloride October 23, 2023 0.01 μg/L No Chloroacetic Acid October 23, 2023 0.17 μg/L No Diainon October 23, 2023 0.12 μg/L No 1,4-Dichlorobenzene October 23, 2023 0.30 μg/L No 1,4-Dichlorobenzene October 23, 2023 0.35 μg/L No 1,4-Dichlorobenzene October 23, 2023 0.35 μg/L No 1,4-Dichloroptenane October 23, 2023 <	Bromodichloromethane	October 23, 2023	14	μg/L	No
Bromoacetic Acid October 23, 2023 2.9 µg/L No Benzo(a)pyrene October 23, 2023 0.04 µg/L No Carboryl October 23, 2023 0.05 µg/L No Carbofuran October 23, 2023 0.01 µg/L No Carbon Tetrachloride October 23, 2023 0.01 µg/L No Chloroptrifos October 23, 2023 0.02 µg/L No Chloroform October 23, 2023 0.02 µg/L No Diazinon October 23, 2023 0.02 µg/L No 1,2-Dichlorobenzene October 23, 2023 0.02 µg/L No 1,4-Dichlorobenzene October 23, 2023 0.36 µg/L No 1,1-Dichloroethylene October 23, 2023 0.35 µg/L No 1,1-Dichloroethylene October 23, 2023 0.35 µg/L No 1,2-Dichloroethane October 23, 2023 0.15 µg/L No 1,4-Dichloroethylene October 23, 2023 0.	Bromoform	October 23, 2023	0.34	μg/L	No
Carbaryl October 23, 2023 0.05 µg/L No Carbofuran October 23, 2023 0.01 µg/L No Carbon Tetrachloride October 23, 2023 0.01 µg/L No Chloroprifos October 23, 2023 0.02 µg/L No Chloroacetic Acid October 23, 2023 4.7 µg/L No Chloroform October 23, 2023 4.4 µg/L No Diazinon October 23, 2023 0.02 µg/L No Dicamba October 23, 2023 0.02 µg/L No 1,2-Dichlorobenzene October 23, 2023 0.20 µg/L No 1,4-Dichloroethylene October 23, 2023 0.36 µg/L No 1,1-Dichloroethylene October 23, 2023 0.35 µg/L No (vinylidene chloride) October 23, 2023 0.15 µg/L No Dichlorophenol October 23, 2023 0.15 µg/L No 2,4 Dichlorophenol October 23, 2023 0.19	Bromoacetic Acid	October 23, 2023	2.9		No
CarborylOctober 23, 20230.05µg/LNoCarbofuranOctober 23, 20230.01µg/LNoCarbon TetrachlorideOctober 23, 20230.17µg/LNoChloroyrifosOctober 23, 20230.02µg/LNoChloroacetic AcidOctober 23, 20234.7µg/LNoDiazinonOctober 23, 20230.02µg/LNoDicambaOctober 23, 20230.02µg/LNo1.2-DichlorobenzeneOctober 23, 20230.20µg/LNo1.4-DichlorobenzeneOctober 23, 20230.36µg/LNo1.4-DichlorobenzeneOctober 23, 20230.35µg/LNo1.4-DichlorobethaneOctober 23, 20230.35µg/LNo1.4-DichlorobethaneOctober 23, 20230.35µg/LNo1.4-DichloroethyleneOctober 23, 20230.35µg/LNo1.4-DichlorophenolOctober 23, 20230.15µg/LNo2.4-DichlorophenolOctober 23, 20230.15µg/LNo2.4-DichlorophenolOctober 23, 20230.06µg/LNoDiclofop-methylOctober 23, 20230.01µg/LNoDiclofop-methylOctober 23, 20230.03µg/LNoDibromoacetic AcidOctober 23, 20230.01µg/LNoDibromoacetic AcidOctober 23, 20230.03µg/LNoDibromoacetic AcidOctober 23, 20230.03µg/LNoDibromoacetic Ac	Benzo(a)pyrene	October 23, 2023	0.04	µg/L	No
CarbofuranOctober 23, 20230.01μg/LNoCarbon TetrachlorideOctober 23, 20230.17μg/LNoChlorpyrifosOctober 23, 20230.02μg/LNoChloroacetic AcidOctober 23, 20234.7μg/LNoDiazinonOctober 23, 20234.4μg/LNoDiazinonOctober 23, 20230.02μg/LNoDicambaOctober 23, 20230.20μg/LNo1,2-DichlorobenzeneOctober 23, 20230.36μg/LNo1,4-DichlorobenzeneOctober 23, 20230.35μg/LNo1,2-DichloroethaneOctober 23, 20230.35μg/LNo1,2-DichloroethaneOctober 23, 20230.35μg/LNo1,1-DichloroethyleneOctober 23, 20230.35μg/LNo1,2-DichloroptenolOctober 23, 20230.35μg/LNo1,2-DichloroptenolOctober 23, 20230.15μg/LNo1,2-DichloroptenolOctober 23, 20230.15μg/LNo1,2-DichloroptenolOctober 23, 20230.15μg/LNo1,2-DichloroptenolOctober 23, 20230.15μg/LNo1,2-DichloroptenolOctober 23, 20230.15μg/LNo1,2-DichloroptenolOctober 23, 20230.16μg/LNo1,2-DichloroptenolOctober 23, 20230.16μg/LNo1,2-DichloroptenolOctober 23, 20230.16μg/LNoDibromochthar	Carbaryl	October 23, 2023	0.05		No
$\begin{array}{c ccccc} {\bf Carbon Tetrachloride} & October 23, 2023 & 0.17 & \mu g/L & No \\ {\bf Chlorpyrifos} & October 23, 2023 & 0.02 & \mu g/L & No \\ {\bf Chloroacctic Acid} & October 23, 2023 & 4.7 & \mu g/L & No \\ {\bf Diazinon} & October 23, 2023 & 4.4 & \mu g/L & No \\ {\bf Diazinon} & October 23, 2023 & 0.02 & \mu g/L & No \\ {\bf Dicamba} & October 23, 2023 & 0.20 & \mu g/L & No \\ {\bf 1,2-Dichlorobenzene} & October 23, 2023 & 0.41 & \mu g/L & No \\ {\bf 1,2-Dichlorobenzene} & October 23, 2023 & 0.36 & \mu g/L & No \\ {\bf 1,2-Dichlorobenzene} & October 23, 2023 & 0.36 & \mu g/L & No \\ {\bf 1,2-Dichlorobentane} & October 23, 2023 & 0.35 & \mu g/L & No \\ {\bf 1,2-Dichlorobentane} & October 23, 2023 & 0.35 & \mu g/L & No \\ {\bf 1,2-Dichloroptentane} & October 23, 2023 & 0.35 & \mu g/L & No \\ {\bf 1,2-Dichloroptentane} & October 23, 2023 & 0.35 & \mu g/L & No \\ {\bf 2,4-Dichloroptenol} & October 23, 2023 & 0.15 & \mu g/L & No \\ {\bf 2,4-Dichloroptenol} & October 23, 2023 & 0.15 & \mu g/L & No \\ {\bf D} \\ {\bf Dichloroptenol} & October 23, 2023 & 0.40 & \mu g/L & No \\ {\bf D} \\ {\bf Dichloroptenol} & October 23, 2023 & 0.06 & \mu g/L & No \\ {\bf D} \\ {\bf Dichloroptenot} & October 23, 2023 & 0.01 & \mu g/L & No \\ {\bf Diuron} & October 23, 2023 & 0.03 & \mu g/L & No \\ {\bf Dibromoacetic Acid} & October 23, 2023 & 18.2 & \mu g/L & No \\ {\bf Dichloromethane} & October 23, 2023 & 2.9 & \mu g/L & No \\ {\bf Dichloromethane} & October 23, 2023 & 2.9 & \mu g/L & No \\ {\bf Dichloroacetic Acid} & October 23, 2023 & 2.9 & \mu g/L & No \\ {\bf Dibromoacetic Acid} & October 23, 2023 & 2.9 & \mu g/L & No \\ {\bf Dichloroacetic Acid} & October 23, 2023 & 2.9 & \mu g/L & No \\ {\bf Dichloroacetic Acids (HAA5)} & 2023 Average & 32.06 & \mu g/L & No \\ {\bf Malathion} & October 23, 2023 & 0.02 & \mu g/L & No \\ {\bf MCPA} & October 23, 2023 & 0.01 & \mu g/L & No \\ {\bf Mctolachlor} & October 23, 2023 & 0.01 & \mu g/L & No \\ {\bf Mctolachlor} & October 23, 2023 & 0.01 & \mu g/L & No \\ {\bf Mctolachlor} & October 23, 2023 & 0.01 & \mu g/L & No \\ {\bf Mctolachlor} & October 23, 2023 & 0.01 & \mu g/L & No \\ {\bf Mctolachlor} & October 23, 2023 & 0.01 & \mu g/L & No \\ {\bf Mctolach$	Carbofuran	October 23, 2023	0.01		No
Chlorpyrifos October 23, 2023 0.02 μg/L No Chloroacetic Acid October 23, 2023 4.7 μg/L No Chloroform October 23, 2023 44 μg/L No Diazinon October 23, 2023 0.02 μg/L No Diamba October 23, 2023 0.02 μg/L No 1,2-Dichlorobenzene October 23, 2023 0.41 μg/L No 1,4-Dichloroethane October 23, 2023 0.36 μg/L No 1,2-Dichloroethane October 23, 2023 0.35 μg/L No 1,1-Dichloroethylene October 23, 2023 0.35 μg/L No 1,1-Dichloroethane October 23, 2023 0.35 μg/L No 2,4 Dichlorophenol October 23, 2023 0.15 μg/L No Dilofop-methyl October 23, 2023 0.40 μg/L No Dibelorophenoxy acetic acid (2,4- October 23, 2023 0.01 μg/L No Dimethoate October 23, 2023 <	Carbon Tetrachloride		0.17		No
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Chlorpyrifos				
ChloroformOctober 23, 202344 $\mu g/L$ NoDiazinonOctober 23, 20230.02 $\mu g/L$ NoDicambaOctober 23, 20230.20 $\mu g/L$ No1,2-DichlorobenzeneOctober 23, 20230.41 $\mu g/L$ No1,4-DichlorobenzeneOctober 23, 20230.36 $\mu g/L$ No1,2-DichloroethaneOctober 23, 20230.35 $\mu g/L$ No1,1-DichloroethaneOctober 23, 20230.35 $\mu g/L$ No1,1-DichloroethyleneOctober 23, 20230.35 $\mu g/L$ No2-4 DichlorophenolOctober 23, 20230.15 $\mu g/L$ No2-4 DichlorophenolOctober 23, 20230.19 $\mu g/L$ No2,4-DichlorophenolOctober 23, 20230.19 $\mu g/L$ NoDiclofop-methylOctober 23, 20230.06 $\mu g/L$ NoDiclofop-methylOctober 23, 20230.01 $\mu g/L$ NoDironOctober 23, 20230.03 $\mu g/L$ NoDiuronOctober 23, 20230.01 $\mu g/L$ NoDibromoacetic AcidOctober 23, 20230.03 $\mu g/L$ NoDibromochloromethaneOctober 23, 202318.2 $\mu g/L$ NoDipomochloromethaneOctober 23, 20232.9 $\mu g/L$ NoDibromochloromethaneOctober 23, 2023<1 $\mu g/L$ NoDibromochloromethaneOctober 23, 2023<1 $\mu g/L$ NoDipomochloromethaneOctober 23, 2023<1	Chloroacetic Acid		4.7		No
Diazinon October 23, 2023 0.02 µg/L No Dicamba October 23, 2023 0.20 µg/L No 1,2-Dichlorobenzene October 23, 2023 0.41 µg/L No 1,4-Dichlorobenzene October 23, 2023 0.36 µg/L No 1,2-Dichloroethane October 23, 2023 0.35 µg/L No 1,1-Dichloroethylene October 23, 2023 0.33 µg/L No (vinylidene chloride) Dichloromethane October 23, 2023 0.35 µg/L No 2-4 Dichlorophenol October 23, 2023 0.15 µg/L No 2,4-Dichlorophenoxy acetic acid (2,4- October 23, 2023 0.19 µg/L No Diclofop-methyl October 23, 2023 0.40 µg/L No Diclofop-methyl October 23, 2023 0.06 µg/L No Dielofop-methyl October 23, 2023 0.01 µg/L No Dimethoate October 23, 2023 0.01 µg/L No Dibronoacetic	Chloroform	,	44		No
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2,4-Dichlorophenoxy acetic acid (2,4- D) October 23, 2023 0.19 μg/L No Diclofop-methyl October 23, 2023 0.40 μg/L No Dimethoate October 23, 2023 0.06 μg/L No Discorp.methyl October 23, 2023 0.006 μg/L No Dimethoate October 23, 2023 0.01 μg/L No Discorp.methyl atrazine October 23, 2023 0.01 μg/L No Diuron October 23, 2023 0.03 μg/L No Dibromoacetic Acid October 23, 2023 2 μg/L No Diaquat October 23, 2023 18.2 μg/L No Dipomochloromethane October 23, 2023 2.9 μg/L No Glyphosate October 23, 2023 2.9 μg/L No Malathion October 23, 2023 32.06 μg/L No Malathion October 23, 2023 0.02 μg/L No Mclachlor October 23, 2023 0.01 <		October 23, 2023		μg/L	No
D) P/g/L P/g/L No Diclofop-methyl October 23, 2023 0.40 μg/L No Dimethoate October 23, 2023 0.06 μg/L No Desethyl atrazine October 23, 2023 0.01 μg/L No Diuron October 23, 2023 0.03 μg/L No Dibromoacetic Acid October 23, 2023 2 μg/L No Diaron October 23, 2023 2 μg/L No Dibromoacetic Acid October 23, 2023 2 μg/L No Diaron October 23, 2023 18.2 μg/L No Diplat October 23, 2023 2.9 μg/L No Dibromochloromethane October 23, 2023 2.9 μg/L No Glyphosate October 23, 2023 32.06 μg/L No Malathion October 23, 2023 0.02 μg/L No MCPA October 23, 2023 0.01 μg/L No Mctolachlor <t< th=""><th>-</th><td>October 23, 2023</td><td>0.15</td><td>μg/L</td><td>No</td></t<>	-	October 23, 2023	0.15	μg/L	No
Dimethoate October 23, 2023 0.06 µg/L No Desethyl atrazine October 23, 2023 0.01 µg/L No Diuron October 23, 2023 0.03 µg/L No Dibromoacetic Acid October 23, 2023 2 µg/L No Dibromoacetic Acid October 23, 2023 2 µg/L No Dichloroacetic Acid October 23, 2023 18.2 µg/L No Diquat October 23, 2023 2.9 µg/L No Dibromochloromethane October 23, 2023 2.9 µg/L No Glyphosate October 23, 2023 <1 µg/L No Malathion October 23, 2023 <1 µg/L No MCPA October 23, 2023 0.02 µg/L No Metolachlor October 23, 2023 0.01 µg/L No		October 23, 2023	0.19	μg/L	No
Desethyl atrazine October 23, 2023 0.01 μg/L No Diuron October 23, 2023 0.03 μg/L No Dibromoacetic Acid October 23, 2023 2 μg/L No Dichloroacetic Acid October 23, 2023 2 μg/L No Dichloroacetic Acid October 23, 2023 18.2 μg/L No Diquat October 23, 2023 <1 μg/L No Dibromochloromethane October 23, 2023 2.9 μg/L No Glyphosate October 23, 2023 <1 μg/L No Malathion October 23, 2023 <1 μg/L No MCPA October 23, 2023 0.02 μg/L No Metolachlor October 23, 2023 0.01 μg/L No	Diclofop-methyl	October 23, 2023	0.40	μg/L	No
Diuron October 23, 2023 0.03 μg/L No Dibromoacetic Acid October 23, 2023 2 μg/L No Dichloroacetic Acid October 23, 2023 18.2 μg/L No Diquat October 23, 2023 <1 μg/L No Dibromochloromethane October 23, 2023 <1 μg/L No Glyphosate October 23, 2023 <1 μg/L No Haloacetic Acids (HAA5) 2023 Average 32.06 μg/L No Malathion October 23, 2023 0.02 μg/L No MCPA October 23, 2023 0.01 μg/L No	Dimethoate	October 23, 2023	0.06	μg/L	No
Dibromoacetic Acid October 23, 2023 2 μg/L No Dichloroacetic Acid October 23, 2023 18.2 μg/L No Diquat October 23, 2023 18.2 μg/L No Dibromochloromethane October 23, 2023 2.9 μg/L No Glyphosate October 23, 2023 <1	Desethyl atrazine	October 23, 2023	0.01	μg/L	No
Dichloroacetic Acid October 23, 2023 18.2 μg/L No Diquat October 23, 2023 18.2 μg/L No Dibromochloromethane October 23, 2023 2.9 μg/L No Glyphosate October 23, 2023 <1	Diuron	October 23, 2023	0.03	μg/L	No
Diquat October 23, 2023 <1012	Dibromoacetic Acid	October 23, 2023	2	μg/L	No
Dibromochloromethane October 23, 2023 2.9 μg/L No Glyphosate October 23, 2023 <1	Dichloroacetic Acid	October 23, 2023	18.2	μg/L	No
Glyphosate October 23, 2023 <1	-	October 23, 2023	<1	μg/L	No
Haloacetic Acids (HAA5) (NOTE: show latest annual average) 2023 Average 32.06 μg/L No Malathion October 23, 2023 0.02 μg/L No MCPA October 23, 2023 0.0012 mg/L No Metolachlor October 23, 2023 0.01 μg/L No	Dibromochloromethane	October 23, 2023	2.9	μg/L	No
Haloacetic Acids (HAA5) (NOTE: show latest annual average) 2023 Average 32.06 μg/L No Malathion October 23, 2023 0.02 μg/L No MCPA October 23, 2023 0.00012 mg/L No Metolachlor October 23, 2023 0.01 μg/L No	Glyphosate	October 23, 2023	<1		No
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MCPA October 23, 2023 0.00012 mg/L No Metolachlor October 23, 2023 0.01 μg/L No		October 23, 2023	0.02	μg/L	No
Metolachlor October 23, 2023 0.01 μg/L No	МСРА		0.00012	10	No
	Metolachlor				
	Metribuzin		0.02		No

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

Monochlorobenzene	October 23, 2023	0.3	μg/L	No
Paraquat	October 23, 2023	<1	μg/L	No
Pentachlorophenol	October 23, 2023	0.15	μg/L	No
Phorate	October 23, 2023	0.01	μg/L	No
Picloram	October 23, 2023	<1	μg/L	No
Polychlorinated Biphenyls(PCB)	October 23, 2023	0.04	μg/L	No
Prometryne	October 23, 2023	0.03	μg/L	No
Simazine	October 23, 2023	0.01	µg/L	No
ТНМ	2023 Average	53.0	µg/L	No
(NOTE: show latest annual average)				
Terbufos	October 23, 2023	0.01	μg/L	No
Tetrachloroethylene	October 23, 2023	0.35	μg/L	No
2,3,4,6-Tetrachlorophenol	October 23, 2023	0.20	μg/L	No
Triallate	October 23, 2023	0.01	μg/L	No
Trichloroethylene	October 23, 2023	0.44	μg/L	No
2,4,6-Trichlorophenol	October 23, 2023	0.25	μg/L	No
Trifluralin	October 23, 2023	0.02	μg/L	No
Trichloroacetic Acid	October 23, 2023	14.8	μg/L	No
Vinyl Chloride	October 23, 2023	0.17	μg/L	No

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Parameter	Result Value	Unit of Measure	Date of Sample
Sodium	34.4	mg/L	October 27, 2023
Sodium	35.5	Mg/L	October 23, 2023