

OLIPHANT DRINKING WATER SYSTEM

Small Municipal Residential

SCHEDULE 22 SUMMARY REPORT

For the period of JANUARY 1, 2019 TO DECEMBER 31, 2019

Summary

This report is a summary of water quality and quantity information submitted in accordance with Schedule 22 of Ontario's Drinking Water System Regulation for the reporting period of January 1, 2019 to December 31, 2019 for the Oliphant Drinking Water System located in the Town of South Bruce Peninsula. The summary includes the following information:

- Any requirements of the Act and Regulation, Orders or System Approval(s) that the system failed to meet during the reporting period and the measures taken to correct each failure.
- A summary of the quantities and flow rates of water supplied during the reporting period, including monthly averages and maximum daily flows.
- A comparison of the average and monthly maximum daily flows to the approved capacity specified in the System Approval.

Issues of Non-Compliance

An MECP Drinking Water System Inspection was performed on December 11, 2019. On December 19, 2019 the report for this inspection was issued, the Oliphant Drinking Water System received an inspection rating of 100%.

The following is a summary of the requirements of the Act, the regulations, the system's approval, drinking water works permit, municipal drinking water license, and any orders applicable to the system that were not met at any time during the period covered by the report; as well as the duration of the failure and the measures that were taken to correct the failure:

• There were no non-compliances during the reporting period.

Refer to the Section 11 Annual Report for a summary of any Adverse Water Quality Incident(s) which occurred during the reporting period.

Assessment of Flowrates and Quantity of Water Supplied

The following tables summarize the quantities (Table 1) and flow rates (Table 2) of the water supplied during the period covered by the report, including monthly average and maximum daily flows as well as a comparison of the summary to the rated capacity and flow rates approved in the system's approval, drinking water works permit or municipal drinking water license.

As per Municipal Drinking Water License (MDWL) 094-105 (Issue Number: 4, expires March 17, 2020), the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed a rated capacity of 75 m³/day. There is no maximum allowable limit listed in the MDWL for the flowrate of water that flows into a treatment subsystem.

The Oliphant Water Treatment Plant stopped treating water on January 16, 2011 and began receiving transported water from the Wiarton Water Treatment Plant, by the direction of the Town of South Bruce Peninsula. Water transported from the Wiarton Water Treatment Plant is pumped into the clearwell of the Oliphant Water Treatment Plant. Sodium hypochlorite (12%) is then added to increase the chlorine residual, when required, prior to entering the distribution system.

Table 1. Treated Water Monthly Average and Maximum Daily Flows and Comparison to Rated Capacity for 2019

	Flow (Treated Water from Wiarton)						
2019	Average Flow (m³/day)	Percent of Rated Capacity (%)	Maximum Flow (m³/day)	Percent of Rated Capacity (%)			
January	6.13	8.2	9.43	12.6			
February	6.66	8.9	9.15	12.2			
March	6.37	8.5	8.57	11.4			
April	8.03	10.7	16.28	21.7			
May	8.46	11.3	12.30	16.4			
June	8.89	11.9	12.06	16.1			
July	10.86	14.5	16.85	22.5			
August	12.31	16.4	18.57	24.8			
September	11.41	15.2	13.96	18.6			
October	11.48	15.3	14.75	19.7			
November	10.51	14.0	12.68	16.9			
December	11.02	14.7	13.25	17.7			

Table 2. Treated Water Monthly Average and Maximum Flowrates for 2019

	Treated Water			
2019	Average Flowrate	Maximum Flowrate		
	(l/s)	(l/s)		
January	1.27	2.90		
February	1.28	3.05		
March	1.27	2.89		
April	1.28	3.12		
May	1.28	2.94		
June	1.29	2.94		
July	1.29	3.04		
August	1.29	2.96		
September	1.28	5.28		
October	1.28	3.01		
November	1.27	2.94		
December	1.29	4.19		



OLIPHANT DRINKING WATER SYSTEM

Small Municipal Residential

SECTION 11 ANNUAL REPORT

For the period of JANUARY 1, 2019 TO DECEMBER 31, 2019

Drinking-Water Systems Regulation O. Reg. 170/03 Section 11 Annual Report: January 1, 2019 to December 31, 2019 The Town of South Bruce Peninsula: Oliphant Drinking Water System 220007695 **Drinking Water System Number: Drinking Water System Name: Oliphant Drinking Water System Owner:** Town of South Bruce Peninsula Small Municipal Residential **Drinking Water System Category: Reporting Period:** January 1, 2019 to December 31, 2019 Does the Drinking Water System serve more than 10,000 people? No. Is your annual report available to the public at no charge on a web site on the Internet? Yes. Location where the Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection: Town of South Bruce Peninsula 315 George Street Wiarton, Ontario N0H 2T0 519-534-1400 Drinking-Water Systems (if any), which receive all of their drinking water from your system: Did you provide a copy of the annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water? n/a. How system users are notified that the annual report is available, and is free of charge:

Public access/notice via Government Office

- X | Public access/notice via the web
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library
- Public access/notice via other method:

Description of Drinking Water System:

The Oliphant Water Treatment Plant currently transports all of its drinking water from the Wiarton Water Treatment Plant. The equipment that is currently being used consists of:

- 2 Clearwells
- 2 Highlift pumps
- Secondary Disinfection by Sodium Hypochlorite
- PLC/SCADA system
- Standby power diesel generator

NOTE: Starting January 20th, 2011, the Oliphant Water Treatment Plant began receiving its treated water from the Wiarton Water Treatment Plant.

List of water treatment chemicals used during the reporting period:

• Sodium hypochlorite 12%

Significant expenses were incurred to:

Install required equipment

x | Repair required equipment

x Replace required equipment

No significant expenses were incurred

Description of expenses:

Repaired leaking turbidity analyzer by replacing rubber o-ring.

Super chlorinated clear well #1, bacteriological samples good. Returned into service.

Replaced generator battery and replaced fuse on charging system for diesel generator.

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:

Date of Incident	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
n/a	n/a	n/a	n/a	n/a	n/a

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

Location	Number of	Range of E	.coli Results		of Total ns Results	Number of	Range of HI	PC Samples
	Samples	Minimum	Maximum	Minimum	Maximum	HPC Samples	Minimum	Maximum
Distribution (DW)	52	0	0	0	0	52	0	1

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

	Number of Grab	Range of Results	
	Samples	Minimum	Maximum
Turbidity, On-Line (NTU) – Filter	8760	n/a*	n/a*
Free Chlorine Residual, On-Line (mg/L) - TW	8760	n/a*	n/a*
Free Chlorine Residual, In-House (mg/L) - DW	106	0.78	1.54

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

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

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 Order	Parameter	Date Sampled	Result	Allowable Limit
January 12, 2018 094-105 (Issue 4)	Total Suspended Solids (Filter backwash - composite)	Quarterly	n/a*	30 mg/L

^{*}Currently this parameter is not being tested as the filters are not in use. Oliphant WTP has its water transported from the Wiarton WTP.

^{*}These parameters are currently not applicable as the drinking water from Oliphant WTP is transported from the Wiarton WTP.

Drinking-Water Systems Regulation O. Reg. 170/03 Section 11 Annual Report: January 1, 2019 to December 31, 2019 The Town of South Bruce Peninsula: Oliphant Drinking Water System

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

Parameter	Sample Date (mm/dd/yyyy)	Sample Result	Exceedance
Antimony: Sb (µg/L) - TW	01/10/2011	< 0.02	No
Arsenic: As (µg/L) - TW	01/10/2011	0.3	No
Barium: Ba (µg/L) - TW	01/10/2011	595	Yes
Boron: B (µg/L) - TW	01/10/2011	33	No
Cadmium: Cd (µg/L) - TW	01/10/2011	< 0.003	No
Chromium: Cr (µg/L) - TW	01/10/2011	< 0.5	No
Mercury: Hg (µg/L) - TW	01/10/2011	< 0.02	No
Selenium: Se (µg/L) - TW	01/10/2011	< 1.0	No
Uranium: U (μg/L) - TW	01/10/2011	0.008	No
Fluoride (mg/L) - TW	01/10/2011	0.24	No
Nitrite (mg/L) - TW	01/07/2013	< 0.005	No
Nitrite (mg/L) - TW	04/02/2012	< 0.005	No
Nitrite (mg/L) - TW	07/09/2012	< 0.005	No
Nitrite (mg/L) - TW	10/16/2012	< 0.005	No
Nitrate (mg/L) - TW	01/07/2013	0.258	No
Nitrate (mg/L) - TW	04/02/2012	0.281	No
Nitrate (mg/L) - TW	07/09/2012	0.250	No
Nitrate (mg/L) - TW	10/16/2012	0.233	No
Sodium: Na (mg/L) - TW	01/10/2011	0.13	No

NOTE: 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.

NOTE: Schedule 23, Sodium and Fluoride samples are to be taken every 60 months. The most recent sampling session was in January 2011 for Schedule 23, the next sampling session is scheduled for when the plant restarts. The most recent sampling session for Sodium was in January 2011, the next sampling session is scheduled for when the plant restarts. The most recent sampling session for Fluoride was in January 2011, the next sampling session is scheduled for when the plant restarts.

Table 5. Summary of lead testing under Schedule 15.1 during this reporting period.

Logotion Type	Number of Samples	Range of Lea	Number of Exceedances	
Location Type	Number of Samples	Minimum	Maximum	Number of Exceedances
Plumbing	-	-	-	-
Distribution (µg/L)	-	-	-	-

NOTE: This system now qualifies for the plumbing exemption as per Ontario Regulation 170/03 Schedule 15.1-5 (9) (10). Two (2) distribution lead samples are only taken every 36 months during the sampling periods (i.e. 1 distribution sample per period). The most current set of samples was taken in 2018; the next set of samples will be taken in 2021.

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

Alachlor (µg/L) - TW	sample results.			
Addin-Deldring[]. TW	Parameter	Sample Date (mm/dd/yyyy)	Result Value	Exceedance
Aldrin-Dieldrin (pgf.) - TW	Alachlor (µg/L) - TW		< 0.02	No
Attraine + N-dealkylated metabolites (µgL) - TW	Aldicarb (µg/L) - TW	01/10/2011	< 0.01	No
Azinphos-methyl (µgL) - TW			< 0.01	No
Bendincarb (µgf.) - TW	Atrazine + N-dealkylated metabolites (μg/L) - TW		< 0.01	No
Benzenc (pgf.) - TW			< 0.02	
Beznoz(pyrene (µp(L) - TW		01/10/2011	< 0.01	No
Bromoxynii (µg/L) - TW		01/10/2011	< 0.32	No
Carbotran (μg/L) - TW		01/10/2011	< 0.004	No
Carbon Tetrachloride (µg'L) - TW			< 0.33	No
Carbon Tetrachloride (µg/L) - TW		01/10/2011	< 0.01	No
Chlordane: Total (μg/L) - TW			< 0.01	No
Chloryrifos (tg/L) - TW	Carbon Tetrachloride (µg/L) - TW	01/10/2011	< 0.16	No
Cyanazine (μg/L) - TW	Chlordane: Total (µg/L) - TW	01/10/2011	< 0.01	No
Diazinon (μg/L) - TW	Chlorpyrifos (µg/L) - TW	01/10/2011	< 0.02	No
Dicamba (μg/L) - TW	Cyanazine (µg/L) - TW	01/10/2011	< 0.03	No
1,2-Dichlorobenzene (µg/L) - TW	Diazinon (µg/L) - TW		< 0.02	No
1.4-Dichlorobenzene (µg/L) - TW	Dicamba (µg/L) - TW	01/10/2011	< 0.2	No
DDT + metabolites (µg/L) - TW		01/10/2011	< 0.41	No
1,2-Dichloroethane (µg/L) - TW	1,4-Dichlorobenzene (µg/L) - TW	01/10/2011	< 0.36	No
1,1-Dichloroethylene (μg/L) - TW	DDT + metabolites (µg/L) - TW	01/10/2011	< 0.01	No
Dichloromethane (Methylene Chloride) (μg/L) - TW	1,2-Dichloroethane (µg/L) - TW	01/10/2011	< 0.35	No
2,4-Dichlorophenol (μg/L) - TW 01/10/2011 < 0.15	1,1-Dichloroethylene (µg/L) - TW	01/10/2011	< 0.33	No
Dimethoate (μg/L) - TW	Dichloromethane (Methylene Chloride) (µg/L) - TW	01/10/2011	< 0.35	No
Dinoseb (μg/L) - TW	2,4-Dichlorophenol (µg/L) - TW	01/10/2011	< 0.15	No
Diquat (μg/L) - TW	Dimethoate (μg/L) - TW	01/10/2011	< 0.03	No
Diuron (μg/L) - TW	Dinoseb (μg/L) - TW	01/10/2011	< 0.36	No
Glyphosate (μg/L) - TW	Diquat (μg/L) - TW	01/10/2011	< 1.0	No
Heptachlor+hepachlor epoxide (μg/L) - TW	Diuron (μg/L) - TW	01/10/2011	< 0.03	No
Lindane (μg/L) - TW 01/10/2011 < 0.01 No Malathion (μg/L) - TW 01/10/2011 < 0.02	Glyphosate (µg/L) - TW	01/10/2011	< 6.0	No
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		01/10/2011	< 0.01	No
Methoxychlor (μg/L) - TW 01/10/2011 < 0.01 No Metolachlor (μg/L) - TW 01/10/2011 < 0.01	Lindane (µg/L) - TW	01/10/2011	< 0.01	No
$\begin{array}{ c c c c c }\hline Metolachlor (\mu g/L) - TW & 01/10/2011 & < 0.01 & No\\\hline Metribuzin (\mu g/L) - TW & 01/10/2011 & < 0.02 & No\\\hline Monochlorobenzene (Chlorobenzene) (\mu g/L) - TW & 01/10/2011 & < 0.3 & No\\\hline Paraquat (\mu g/L) - TW & 01/10/2011 & < 1.0 & No\\\hline Parathion (\mu g/L) - TW & 01/10/2011 & < 0.02 & No\\\hline PCB (\mu g/L) - TW & 01/10/2011 & < 0.02 & No\\\hline PCB (\mu g/L) - TW & 01/10/2011 & < 0.04 & No\\\hline Pentachlorophenol (\mu g/L) - TW & 01/10/2011 & < 0.15 & No\\\hline Phorate (\mu g/L) - TW & 01/10/2011 & < 0.15 & No\\\hline Phorate (\mu g/L) - TW & 01/10/2011 & < 0.01 & No\\\hline Picloram (\mu g/L) - TW & 01/10/2011 & < 0.25 & No\\\hline Prometryne (\mu g/L) - TW & 01/10/2011 & < 0.03 & No\\\hline Simazine (\mu g/L) - TW & 01/10/2011 & < 0.01 & No\\\hline Simazine (\mu g/L) - TW & 01/10/2011 & < 0.01 & No\\\hline Temphos (\mu g/L) - TW & 01/10/2011 & < 0.01 & No\\\hline Terbufos (\mu g/L) - TW & 01/10/2011 & < 0.01 & No\\\hline Tertachloroethylene (\mu g/L) - TW & 01/10/2011 & < 0.01 & No\\\hline Tetrachloroethylene (\mu g/L) - TW & 01/10/2011 & < 0.35 & No\\\hline 2.3.4.6-Tetrachlorophenol (\mu g/L) - TW & 01/10/2011 & < 0.14 & No\\\hline Triallate (\mu g/L) - TW & 01/10/2011 & < 0.01 & No\\\hline Trichloroethylene (\mu g/L) - TW & 01/10/2011 & < 0.04 & No\\\hline Trichloroethylene (\mu g/L) - TW & 01/10/2011 & < 0.04 & No\\\hline Trichlorophenol (\mu g/L) - TW & 01/10/2011 & < 0.04 & No\\\hline Trichlorophenol (\mu g/L) - TW & 01/10/2011 & < 0.04 & No\\\hline Trifluralin (\mu g/L) - TW & 01/10/2011 & < 0.02 & No\\\hline Vinyl Chloride (\mu g/L) - TW & 01/10/2011 & < 0.02 & No\\\hline Vinyl Chloride (\mu g/L) - TW & 01/10/2011 & < 0.01 & No\\\hline Vinyl Chloride (\mu g/L) - TW & 01/10/2011 & < 0.02 & No\\\hline Vinyl Chloride (\mu g/L) - TW & 01/10/2011 & < 0.07 & No\\\hline \end{tabular}$		01/10/2011	< 0.02	No
$\begin{array}{ c c c c c }\hline \text{Metribuzin } (\mu g/L) - TW & 01/10/2011 & < 0.02 & No \\\hline \text{Monochlorobenzene } (\text{Chlorobenzene}) (\mu g/L) - TW & 01/10/2011 & < 0.3 & No \\\hline \text{Paraquat } (\mu g/L) - TW & 01/10/2011 & < 1.0 & No \\\hline \text{Parathion } (\mu g/L) - TW & 01/10/2011 & < 0.02 & No \\\hline \text{PCB } (\mu g/L) - TW & 01/10/2011 & < 0.04 & No \\\hline \text{Pentachlorophenol } (\mu g/L) - TW & 01/10/2011 & < 0.04 & No \\\hline \text{Pentachlorophenol } (\mu g/L) - TW & 01/10/2011 & < 0.05 & No \\\hline \text{Phorate } (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline \text{Picloram } (\mu g/L) - TW & 01/10/2011 & < 0.02 & No \\\hline \text{Prometryne } (\mu g/L) - TW & 01/10/2011 & < 0.03 & No \\\hline \text{Simazine } (\mu g/L) - TW & 01/10/2011 & < 0.03 & No \\\hline \text{Simazine } (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline \text{Temphos } (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline \text{Tertufors } (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline \text{Tertachloroethylene } (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline \text{Triallate } (\mu g/L) - TW & 01/10/2011 & < 0.14 & No \\\hline \text{Triallate } (\mu g/L) - TW & 01/10/2011 & < 0.04 & No \\\hline \text{Trichloroethylene } (\mu g/L) - TW & 01/10/2011 & < 0.04 & No \\\hline \text{Trichloroethylene } (\mu g/L) - TW & 01/10/2011 & < 0.04 & No \\\hline \text{Trifluralin } (\mu g/L) - TW & 01/10/2011 & < 0.04 & No \\\hline \text{Trifluralin } (\mu g/L) - TW & 01/10/2011 & < 0.04 & No \\\hline \text{Trifluralin } (\mu g/L) - TW & 01/10/2011 & < 0.04 & No \\\hline \text{Vinyl Chloride } (\mu g/L) - TW & 01/10/2011 & < 0.02 & No \\\hline \text{Vinyl Chloride } (\mu g/L) - TW & 01/10/2011 & < 0.02 & No \\\hline \text{Vinyl Chloride } (\mu g/L) - TW & 01/10/2011 & < 0.02 & No \\\hline \text{Vinyl Chloride } (\mu g/L) - TW & 01/10/2011 & < 0.02 & No \\\hline \text{Vinyl Chloride } (\mu g/L) - TW & 01/10/2011 & < 0.02 & No \\\hline \text{Vinyl Chloride } (\mu g/L) - TW & 01/10/2011 & < 0.07 & No \\\hline \end{array}$		01/10/2011	< 0.01	No
Monochlorobenzene (Chlorobenzene) (μg/L) - TW 01/10/2011 < 0.3 No Paraquat (μg/L) - TW 01/10/2011 < 1.0	Metolachlor (μg/L) - TW	01/10/2011		No
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Metribuzin (μg/L) - TW	01/10/2011	< 0.02	No
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Monochlorobenzene (Chlorobenzene) (μg/L) - TW	01/10/2011	< 0.3	No
$\begin{array}{ c c c c c c c c c }\hline PCB \ (\mu g/L) - TW & 01/10/2011 & < 0.04 & No \\\hline Pentachlorophenol \ (\mu g/L) - TW & 01/10/2011 & < 0.15 & No \\\hline Phorate \ (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline Picloram \ (\mu g/L) - TW & 01/10/2011 & < 0.25 & No \\\hline Prometryne \ (\mu g/L) - TW & 01/10/2011 & < 0.03 & No \\\hline Simazine \ (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline Temphos \ (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline Terbufos \ (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline Terbufos \ (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline Tetrachloroethylene \ (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline Tetrachlorophenol \ (\mu g/L) - TW & 01/10/2011 & < 0.35 & No \\\hline Triallate \ (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline Trichloroethylene \ (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline Trichloroethylene \ (\mu g/L) - TW & 01/10/2011 & < 0.01 & No \\\hline Trichlorophenol \ (\mu g/L) - TW & 01/10/2011 & < 0.43 & No \\\hline 2,4,6-Trichlorophenol \ (\mu g/L) - TW & 01/10/2011 & < 0.43 & No \\\hline Trifluralin \ (\mu g/L) - TW & 01/10/2011 & < 0.02 & No \\\hline Vinyl \ Chloride \ (\mu g/L) - TW & 01/10/2011 & < 0.02 & No \\\hline Vinyl \ Chloride \ (\mu g/L) - TW & 01/10/2011 & < 0.017 & No \\\hline \end{array}$	Paraquat (µg/L) - TW	01/10/2011	< 1.0	No
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Parathion (μg/L) - TW	01/10/2011	< 0.02	No
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		01/10/2011	< 0.04	No
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		01/10/2011	< 0.15	No
$\begin{array}{ l c c c c c c c c }\hline Prometryne (\mu g/L) - TW & 01/10/2011 & <0.03 & No\\ \hline Simazine (\mu g/L) - TW & 01/10/2011 & <0.01 & No\\ \hline Temephos (\mu g/L) - TW & 01/10/2011 & <0.01 & No\\ \hline Terbufos (\mu g/L) - TW & 01/10/2011 & <0.01 & No\\ \hline Terbufos (\mu g/L) - TW & 01/10/2011 & <0.01 & No\\ \hline Tetrachloroethylene (\mu g/L) - TW & 01/10/2011 & <0.35 & No\\ \hline 2,3,4,6-Tetrachlorophenol (\mu g/L) - TW & 01/10/2011 & <0.14 & No\\ \hline Triallate (\mu g/L) - TW & 01/10/2011 & <0.01 & No\\ \hline Trichloroethylene (\mu g/L) - TW & 01/10/2011 & <0.43 & No\\ \hline 2,4,6-Trichlorophenol (\mu g/L) - TW & 01/10/2011 & 1.3 & No\\ \hline Trifluralin (\mu g/L) - TW & 01/10/2011 & <0.02 & No\\ \hline Vinyl Chloride (\mu g/L) - TW & 01/10/2011 & <0.07 & No\\ \hline \end{array}$		01/10/2011	< 0.01	No
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Picloram (µg/L) - TW	01/10/2011	< 0.25	No
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Prometryne (µg/L) - TW	01/10/2011	< 0.03	No
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Simazine (μg/L) - TW	01/10/2011	< 0.01	No
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		01/10/2011	< 0.01	No
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Terbufos (µg/L) - TW	01/10/2011	< 0.01	No
	Tetrachloroethylene (µg/L) - TW	01/10/2011	< 0.35	No
		01/10/2011	< 0.14	No
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		01/10/2011	< 0.01	No
		01/10/2011	< 0.43	No
Vinyl Chloride (μg/L) - TW 01/10/2011 < 0.17 No	2,4,6-Trichlorophenol (µg/L) - TW	01/10/2011	1.3	No
Vinyl Chloride (μg/L) - TW 01/10/2011 < 0.17 No	Trifluralin (μg/L) - TW	01/10/2011	< 0.02	No
			< 0.17	No
Trihalomethane: Total (μg/L) Annual Average - DW 2019 (Quarterly) 46.25 No	· ·	2019	46.25	No
2010				
HAA Total (µg/L) Annual Average - DW (Quarterly) 27.6 No	HAA Total (μg/L) Annual Average - DW		27.6	No

NOTE: Schedule 24 samples are to be taken every 60 months. The most current sampling session was in January 2011 for Schedule 24, the next sampling session is scheduled for when the plant restarts.

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

Section 11 Annual Report: January 1, 2019 to December 31, 2019 The Town of South Bruce Peninsula: Oliphant Drinking Water System

Table 7. 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 (mm/dd/yyyy)
Barium	595	mg/L	01/10/2011

NOTE: This is required only if DWS category is large municipal residential, small municipal residential, large municipal non-residential, small municipal non-residential, large non municipal non-residential)