OPTIONAL ANNUAL REPORT TEMPLATE

Drinking Water System Number:	**260046471**
Drinking Water System Name:	**Oil Springs Water Distribution System**
Drinking Water System Owner:	**The Corporation of the Village of Oil Springs**
Drinking Water System Category:	**Large Municipal Residential**
Period being reported:	**January 1st, 2024 – December 31st, 2024**

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking Water System serve more than 10,000 people? Yes [ ] No [X]

Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No [ ]

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

The Village of Oil Springs
Municipal Office
4591 Oil Springs Line
Oil Springs, Ontario
N0N 1P0
www.oilsprings.ca

Complete for all other Categories

Number of Designated Facilities served:

none

Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [ ] No [ ]

Number of Interested Authorities you report to: none

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
none	

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 drinking water? Yes [ ] 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

Oil Springs Water Distribution System serves approximately 698 residents. The Distribution system consists of a 50 mm diameter to a 300 mm diameter watermains. Components are: sample stations, hydrants, water main isolation valves, residential water services and blow offs at dead ends. Jacobs (OMI) is the Operating Authority.

Oil Springs receives/purchases water from the Township of Enniskillen and is connected to the Enniskillen WDS at two (2) metered connections. No chemicals are added to the system by The Village of Oil Springs. Immediately upstream of the system, the Township of Enniskillen provides re-chlorination with a 12% chlorine solution of sodium hypochlorite to the Influent flow at the Enniskillen Reservoir and again leaving the reservoir upon entering the Oil Springs WDS. The Enniskillen reservoir has in-line chlorine analyzers, pressure monitoring equipment with 24/7 alarm monitoring capabilities and is operated by Enniskillen Public Works.

Oil Springs distribution pressure is monitored at the Municipal Office by Jacobs Operators and documented in the facility logbook.

The Oil Springs Distribution System compliance sampling follows O. Reg 170/03 s 7-2 (3) and (4). Collecting seven (7) samples per week following the 4/3 rule.
The Village of Oil Springs has qualified for the reduced lead sampling schedule and performed lead sampling in 2022 (April 5th & Oct 4th) and is scheduled for 2025.

HAA's – are collected at Hydrant # 34, closest to the Enniskillen Reservoir where the Chlorine is deposited into the Oil Springs WDS

THM's – were collected at Hydrant # 38 for the 1st & 2nd quarter then the 3rd quarter the sample was collected at the Oil Springs Museum. For the 4th quarter the samples were collected at Sample Station # 1 (located behind the museum). Going forward the THM samples shall be collected alternately between Hydrant # 38 and Sample Station # 1. Both locations are dead-ends and the furthest point in the system.

Hydrant and Dead ends are flushed semi-annually, and water main valves are exercised annually.

List all water treatment chemicals used over this reporting period.

none

Were any significant expenses incurred to?

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

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

Watermain repair (Oil Springs Line) - $4,921.56

Hydrant Isolation Valve replacement due to major leak - $11,779.09

Water Meter replacement – 28 meters, Bluewater Power installed - $6208.51

Hydrant Fire Flow testing by Sentury Fire - $2569.45

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 Measure	Corrective Action	Corrective Action Date

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 Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw						
Treated						
Distribution		**96**	**0.00 to 0.00**	**0.00 to 0.00**	**24**	**< 10 to 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 Samples	Range of Results (min #)-(max #)	Unit of Measure
Turbidity			
Chlorine	**364**	**0.69 to 2.08**	**mg/L**
Fluoride (If the DWS provides fluoridation)			

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

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
July 1st, 2017	HAA	Jan 9th	39.8	ug/L
	HAA	April 9th	23.2	ug/L
	HAA	July 9th	25.6	ug/L
	HAA	Oct 8th	19.0	ug/L

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony				
Arsenic				
Barium				
Boron				
Cadmium				
Chromium				
*Lead				
Mercury				
Selenium				
Sodium				
Uranium				
Fluoride				
Nitrite				
Nitrate				

***only for drinking water systems testing under Schedule 15.2; this includes large municipal non-residential 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 #)	Unit of Measure	Number of Exceedances
Plumbing				
Distribution	None			

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor				
Atrazine + N-dealkylated metobolites				
Azinphos-methyl				

Benzene				
Benzo(a)pyrene				
Bromoxynil				
Carbaryl				
Carbofuran				
Carbon Tetrachloride				
Chlorpyrifos				
Diazinon				
Dicamba				
1,2-Dichlorobenzene				
1,4-Dichlorobenzene				
1,2-Dichloroethane				
1,1-Dichloroethylene (vinylidene chloride)				
Dichloromethane				
2-4 Dichlorophenol				
2,4-Dichlorophenoxy acetic acid (2,4-D)				
Diclofop-methyl				
Dimethoate				
Diquat				
Diuron				
Glyphosate				
HAAs (*Note***:** show latest running annual average**)**				
Lindane (Total)				
Malathion				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
Terbufos				
Tetrachloroethylene (perchloroethylene)				
2,3,4,6-Tetrachlorophenol				
THMs **(***Note:* show latest running annual average**)**	**Jan 9th** **April 9th** **July 9th** **Oct 8th**	**44** **36** **45** **55**	**ug/L**	
Triallate				
Trichloroethylene				

2,4,6-Trichlorophenol				
Trifluralin				
Vinyl Chloride				

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
THM	**0.055**	**mg/L**	**Oct 8th**