



**2025**  
**Annual Water Quality**  
**Data Report**



# 2025 Annual Water Quality Report

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## Section 1

### Dowling Drinking Water System

**Part III Form 2**  
**Section 11. ANNUAL REPORT.**

<b>Drinking-Water System Number:</b>	210001665
<b>Drinking-Water System</b>	Dowling Drinking Water System
<b>Drinking-Water System Owner:</b>	City of Greater Sudbury
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	From 2025-01-01 To 2025-12-31

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px;"> <p>www.greatersudbury.ca TDS-Engineering Department</p> </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served: <input type="text" value="0"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Number of Interested Authorities you report to: <input type="text" value="0"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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**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
NA	

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  No

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

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library/Citizen Service Centre
- Public access/notice via other method \_\_\_\_\_

### Describe your Drinking-Water System

The Dowling Drinking Water System encompasses all municipal water distribution within Dowling. The system includes Dowling Well #1 (Riverside) located on Riverside Dr., Dowling Well #2 (Lionel) located on Lionel Avenue and the Dowling Tank located off of Hwy. 144. Each of the wells is housed in individual structures. The wells pump water from an unconfined aquifer within a primarily sand and gravel formation. The discharge at each well site undergoes primary treatment in the form of Ultra-Violet irradiation, secondary disinfection by chlorination, and fluoridation before it enters the distribution system. Continuous analyzers for free chlorine residual, fluoride, turbidity and UV equipment are monitored by an onsite PLC. A standby power generator with an automatic transfer switch is located at Lionel well and supplies power to both wells. The distribution system includes an online continuous free chlorine analyzer. The entire water system is in compliance with O. Reg. 170/03 and is monitored 24/7 from the Wanapitei WTP.

### List all water treatment chemicals used over this reporting period

Chlorine Gas UN#1017, Hydrofluosilicic Acid UN#1778

### Were any significant expenses incurred to?

- Install required equipment
- Repair required equipment
- Replace required equipment

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

\$5000 treatment chemicals  
\$1000 UV inactivation system parts  
\$16 000 property maintenance

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

**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**

AWQI #	Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
170684	2025/09/30	Analyzer not calibrated			Calibrated late	2025/09/30
170996	2025/12/08	Sodium	44.1	mg/L	Resample	2025/12/15
170998	2025/12/15	Sodium	37	mg/L	Resample	2025/12/15

**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 #)
<b>Raw: LIONEL WELL#2</b>					
	52	0 to 0	0 to 0		
<b>Raw: RIVERSIDE WELL#1</b>					
	52	0 to 0	0 to 1		
<b>Treated: LIONEL WELL</b>					
	52	0 to 0	0 to 0	52	10 to 10
<b>Treated: RIVERSIDE WELL</b>					
	52	0 to 0	0 to 0	52	10 to 10
<b>Distribution</b>					
	156	0 to 0	0 to 0	39	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 #)
Chlorine Residual Distribution System	8,760	0.36 - 2.42

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

**LIONEL WELL**

Turbidity	8,760	0.00 - 1.00	NTU
Chlorine	8,760	0.28 - 4.64	mg/L
Fluoride (If the DWS provides fluoridation)	8,760	0.20 - 0.93	mg/L

**RIVERSIDE WELL**

Turbidity	8,760	0.04 - 1.90	NTU
Chlorine	8,760	0.54 - 2.40	mg/L
Fluoride (If the DWS provides fluoridation)	8,760	0.20 - 1.08	mg/L

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

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
NA				

**LIONEL WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	2025/12/02	0.0005	mg/L	No
Arsenic	2025/12/02	0.0011	mg/L	No
Barium	2025/12/02	0.02	mg/L	No
Boron	2025/12/02	0.016	mg/L	No
Cadmium	2025/12/02	0.0001	mg/L	No
Chromium	2025/12/02	0.001	mg/L	No
Mercury	2025/12/02	0.0001	mg/L	No
Selenium	2025/12/02	0.0003	mg/L	No
Uranium	2025/12/02	0.0005	mg/L	No
Nitrite	2025/03/04	0.05	mg/L	No
	2025/06/03	0.05	mg/L	No
	2025/09/03	0.05	mg/L	No
	2025/12/02	0.05	mg/L	No

<b>Nitrate</b>	2025/03/04	0.49	mg/L	No
	2025/06/03	0.71	mg/L	No
	2025/09/03	0.59	mg/L	No
	2025/12/02	0.59	mg/L	No
<b>Sodium</b>	2025/12/02	37.00	mg/L	Yes
	2025/12/09	33.40	mg/L	Yes

**RIVERSIDE WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	2025/12/02	0.0005	mg/L	No
<b>Arsenic</b>	2025/12/02	0.0011	mg/L	No
<b>Barium</b>	2025/12/02	0.018	mg/L	No
<b>Boron</b>	2025/12/02	0.013	mg/L	No
<b>Cadmium</b>	2025/12/02	0.0001	mg/L	No
<b>Chromium</b>	2025/12/02	0.001	mg/L	No
<b>Mercury</b>	2025/12/02	0.0001	mg/L	No
<b>Selenium</b>	2025/12/02	0.0002	mg/L	No
<b>Uranium</b>	2025/12/02	0.0005	mg/L	No
<b>Nitrite</b>	2025/03/04	0.05	mg/L	No
	2025/06/03	0.05	mg/L	No
	2025/09/03	0.05	mg/L	No
	2025/12/02	0.05	mg/L	No
<b>Nitrate</b>	2025/03/04	0.6	mg/L	No
	2025/06/03	0.97	mg/L	No
	2025/09/03	0.83	mg/L	No
	2025/12/02	0.6	mg/L	No
<b>Sodium</b>	2025/12/02	44.10	mg/L	Yes
	2025/12/09	39.80	mg/L	Yes

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

Location Type	Number of Samples	Range of Lead Results (min#) - (max#)	Number of Exceedances
<b>Plumbing</b>	NA		
<b>Distribution</b>	4	0.0002 - 0.0015 mg/L	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>THM</b> (NOTE: show latest annual average)	2025	0.0091	mg/L	No
<b>HAA</b> (NOTE: show latest annual average)	2025	0.008	mg/L	No

**LIONEL WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2025/12/02	0.000272	mg/L	No
Atrazine + N-dealkylated metabolites	2025/12/02	0.0005	mg/L	No
Azinphos-methyl	2025/12/02	0.000204	mg/L	No
Benzene	2025/12/02	0.0001	mg/L	No
Benzo(a)pyrene	2025/12/02	0.00001	mg/L	No
Bromoxynil	2025/12/02	0.0000728	mg/L	No
Carbaryl	2025/12/02	0.0005	mg/L	No
Carbofuran	2025/12/02	0.0005	mg/L	No
Carbon Tetrachloride	2025/12/02	0.0002	mg/L	No
Chlorpyrifos	2025/12/02	0.000204	mg/L	No
Diazinon	2025/12/02	0.000204	mg/L	No
Dicamba	2025/12/02	0.0000637	mg/L	No
1,2-Dichlorobenzene	2025/12/02	0.0002	mg/L	No
1,4-Dichlorobenzene	2025/12/02	0.0003	mg/L	No
1,2-Dichloroethane	2025/12/02	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2025/12/02	0.0003	mg/L	No
Dichloromethane	2025/12/02	0.001	mg/L	No
2-4 Dichlorophenol	2025/12/02	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2025/12/02	0.000273	mg/L	No
Diclofop-methyl	2025/12/02	0.000091	mg/L	No
Dimethoate	2025/12/02	0.000204	mg/L	No
Diquat	2025/12/02	0.0003	mg/L	No
Diuron	2025/12/02	0.0005	mg/L	No
Glyphosate	2025/12/02	0.01	mg/L	No
Malathion	2025/12/02	0.000204	mg/L	No
Metolachlor	2025/12/02	0.000136	mg/L	No
Metribuzin	2025/12/02	0.000136	mg/L	No
Monochlorobenzene	2025/12/02	0.0005	mg/L	No
Paraquat	2025/12/02	0.0004	mg/L	No
Pentachlorophenol	2025/12/02	0.0003	mg/L	No
Phorate	2025/12/02	0.000136	mg/L	No
Picloram	2025/12/02	0.0000637	mg/L	No
Polychlorinated Biphenyls(PCB)	2025/12/02	0.00007	mg/L	No
Prometryne	2025/12/02	0.000068	mg/L	No
Simazine	2025/12/02	0.000204	mg/L	No
Terbufos	2025/12/02	0.000136	mg/L	No
Tetrachloroethylene	2025/12/02	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2025/12/02	0.0003	mg/L	No
Triallate	2025/12/02	0.000136	mg/L	No
Trichloroethylene	2025/12/02	0.0002	mg/L	No
2,4,6-Trichlorophenol	2025/12/02	0.0002	mg/L	No
Trifluralin	2025/12/02	0.000136	mg/L	No
Vinyl Chloride	2025/12/02	0.0001	mg/L	No
MCPA	2025/12/02	0.00455	mg/L	No

**RIVERSIDE WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2025/12/02	0.000273	mg/L	No

Atrazine + N-dealkylated metabolites	2025/12/02	0.0005	mg/L	No
Azinphos-methyl	2025/12/02	0.000204	mg/L	No
Benzene	2025/12/02	0.0001	mg/L	No
Benzo(a)pyrene	2025/12/02	0.00001	mg/L	No
Bromoxynil	2025/12/02	0.0000796	mg/L	No
Carbaryl	2025/12/02	0.0005	mg/L	No
Carbofuran	2025/12/02	0.0005	mg/L	No
Carbon Tetrachloride	2025/12/02	0.0002	mg/L	No
Chlorpyrifos	2025/12/02	0.000204	mg/L	No
Diazinon	2025/12/02	0.000204	mg/L	No
Dicamba	2025/12/02	0.0000697	mg/L	No
1,2-Dichlorobenzene	2025/12/02	0.0002	mg/L	No
1,4-Dichlorobenzene	2025/12/02	0.0003	mg/L	No
1,2-Dichloroethane	2025/12/02	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2025/12/02	0.0003	mg/L	No
Dichloromethane	2025/12/02	0.001	mg/L	No
2-4 Dichlorophenol	2025/12/02	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2025/12/02	0.000299	mg/L	No
Diclofop-methyl	2025/12/02	0.0000996	mg/L	No
Dimethoate	2025/12/02	0.000204	mg/L	No
Diquat	2025/12/02	0.0003	mg/L	No
Diuron	2025/12/02	0.0005	mg/L	No
Glyphosate	2025/12/02	0.01	mg/L	No
Malathion	2025/12/02	0.000204	mg/L	No
Metolachlor	2025/12/02	0.000136	mg/L	No
Metribuzin	2025/12/02	0.000136	mg/L	No
Monochlorobenzene	2025/12/02	0.0005	mg/L	No
Paraquat	2025/12/02	0.0004	mg/L	No
Pentachlorophenol	2025/12/02	0.0003	mg/L	No
Phorate	2025/12/02	0.000136	mg/L	No
Picloram	2025/12/02	0.0000697	mg/L	No
Polychlorinated Biphenyls(PCB)	2025/12/02	0.00006	mg/L	No
Prometryne	2025/12/02	0.0000682	mg/L	No
Simazine	2025/12/02	0.000204	mg/L	No
Terbufos	2025/12/02	0.000136	mg/L	No
Tetrachloroethylene	2025/12/02	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2025/12/02	0.0003	mg/L	No
Triallate	2025/12/02	0.000136	mg/L	No
Trichloroethylene	2025/12/02	0.0002	mg/L	No
2,4,6-Trichlorophenol	2025/12/02	0.0002	mg/L	No
Trifluralin	2025/12/02	0.000136	mg/L	No
Vinyl Chloride	2025/12/02	0.0001	mg/L	No
MCPA	2025/12/02	0.00498	mg/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	UOM	Date of Sample	Location
NA				

**(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)**



## Section 2

Falconbridge Drinking Water System

**Part III Form 2**  
**Section 11. ANNUAL REPORT.**

<b>Drinking-Water System Number:</b>	240000020
<b>Drinking-Water System</b>	Falconbridge Well Supply
<b>Drinking-Water System Owner:</b>	City of Greater Sudbury
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	From 2025-01-01 To 2025-12-31

**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

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

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

www.greatersudbury.ca  
TDS-Engineering Department

**Complete for all other Categories.**

Number of Designated Facilities served:

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

Number of Interested Authorities you report to:

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 of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
NA	

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  No

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

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library/Citizen Service Centre
- Public access/notice via other method \_\_\_\_\_

**Describe your Drinking-Water System**

The Falconbridge system consists of three drilled wells, Numbers 5, 6, and 7, located north of the Sudbury Airport. All three wells share a common treatment building that includes a stand-by power generator, chlorine gas for disinfection and chemical addition for corrosion control. Continuous analyzers for free chlorine residual and turbidity are monitored by an onsite PLC. Fluoride is added to the water before it enters the Falconbridge Municipal distribution system at a designated fluoridation building. Water is supplied south to the Town of Falconbridge and north to the Nickel Rim Mine reservoir and the Sudbury Airport. The remainder of the system consists of an Elevated Storage Tank, Booster Pumping Station and a Pressure Regulating Valve, all located within the town of Falconbridge. The City provides water to Glencore and two industrial clients along the South transmission line. The distribution system includes an online continuous free chlorine analyzer and fluoride analyzer. The entire water system is in compliance with O. Reg. 170/03 and is monitored 24/7 from the Wanapitei WTP.

**List all water treatment chemicals used over this reporting period**

Chlorine Gas UN#1017, Polyphosphate, Hydrofluosilicic Acid UN#1778

**Were any significant expenses incurred to?**

- Install required equipment
- Repair required equipment
- Replace required equipment

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

\$12 000 treatment chemicals  
 \$7 000 treatment system parts  
 \$12 000 property maintenance

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

**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**

AWQI #	Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
171000	2025/12/08	Sodium	22.1	mg/L	Resample	2025/12/09
171001	2025/12/08	Sodium	21.3	mg/L	Resample	2025/12/17
171002	2025/12/09	Sodium	24.4	mg/L	Resample	2025/12/17

**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 #)
<b>Raw: FALCONBRIDGE WELL #5</b>					
	52	0 to 0	0 to 1		
<b>Raw: FALCONBRIDGE WELL #6</b>					
	52	0 to 0	0 to 0		
<b>Raw: FALCONBRIDGE WELL #7</b>					
	44	0 to 0	0 to 0		
<b>Treated: FALCONBRIDGE WELL #5</b>					
	52	0 to 0	0 to 0	52	10 to 10
<b>Treated: FALCONBRIDGE WELL #6</b>					
	52	0 to 0	0 to 0	52	10 to 30
<b>Treated: FALCONBRIDGE WELL #7</b>					
	44	0 to 0	0 to 0	44	10 to 10
<b>Distribution</b>					
	203	0 to 0	0 to 0	48	0 to 10

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

	<b>Number of Grab Samples</b>	<b>Range of Results (min #) - (max #)</b>
<b>Chlorine Residual Distribution System</b>	8,760	0.49 - 3.76

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

**FALCONBRIDGE WELLS TREATED**

<b>Turbidity</b>	8,760	0.00 - 0.91	NTU
<b>Chlorine</b>	8,760	0.23 - 5.00	mg/L
<b>Fluoride (If the DWS provides fluoridation)</b>	8,760	0.20 - 1.44	mg/L

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

<b>Date of legal instrument issued</b>	<b>Parameter</b>	<b>Date Sampled</b>	<b>Result</b>	<b>Unit of Measure</b>
NA				

**FALCONBRIDGE WELL #5**

<b>Parameter</b>	<b>Sample Date</b>	<b>Result Value</b>	<b>Unit of Measure</b>	<b>Exceedance</b>
<b>Antimony</b>	2023/12/04	0.0005	mg/L	No
<b>Arsenic</b>	2023/12/04	0.0023	mg/L	No
<b>Barium</b>	2023/12/04	0.0059	mg/L	No
<b>Boron</b>	2023/12/04	0.002	mg/L	No
<b>Cadmium</b>	2023/12/04	0.0001	mg/L	No
<b>Chromium</b>	2023/12/04	0.002	mg/L	No
<b>Mercury</b>	2023/12/04	0.0001	mg/L	No
<b>Selenium</b>	2023/12/04	0.00078	mg/L	No
<b>Uranium</b>	2023/12/04	0.001	mg/L	No
<b>Nitrite</b>	2025/03/03	0.05	mg/L	No
	2025/06/02	0.05	mg/L	No
	2025/09/02	0.05	mg/L	No
	2025/12/03	0.05	mg/L	No
<b>Nitrate</b>	2025/03/03	0.08	mg/L	No
	2025/06/02	0.09	mg/L	No
	2025/09/02	0.12	mg/L	No
	2025/12/03	0.05	mg/L	No
<b>Sodium</b>	2025/12/03	22.10	mg/L	Yes

<b>Sodium</b>	2025/12/09	21.20	mg/L	Yes
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**FALCONBRIDGE WELL #6**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	2023/12/04	0.0005	mg/L	No
<b>Arsenic</b>	2023/12/04	0.0017	mg/L	No
<b>Barium</b>	2023/12/04	0.0071	mg/L	No
<b>Boron</b>	2023/12/04	0.002	mg/L	No
<b>Cadmium</b>	2023/12/04	0.0001	mg/L	No
<b>Chromium</b>	2023/12/04	0.0016	mg/L	No
<b>Mercury</b>	2023/12/04	0.0001	mg/L	No
<b>Selenium</b>	2023/12/04	0.00039	mg/L	No
<b>Uranium</b>	2023/12/04	0.001	mg/L	No
<b>Nitrite</b>	2025/03/03	0.05	mg/L	No
	2025/06/02	0.05	mg/L	No
	2025/09/02	0.05	mg/L	No
	2025/12/03	0.05	mg/L	No
<b>Nitrate</b>	2025/03/03	0.11	mg/L	No
	2025/06/02	0.1	mg/L	No
	2025/09/02	0.1	mg/L	No
	2025/12/03	0.05	mg/L	No
<b>Sodium</b>	2025/12/03	21.30	mg/L	Yes
	2025/12/09	20.70	mg/L	Yes

**FALCONBRIDGE WELL #7**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	2023/12/04	0.0005	mg/L	No
<b>Arsenic</b>	2023/12/04	0.004	mg/L	No
<b>Barium</b>	2023/12/04	0.0055	mg/L	No
<b>Boron</b>	2023/12/04	0.002	mg/L	No
<b>Cadmium</b>	2023/12/04	0.0001	mg/L	No
<b>Chromium</b>	2023/12/04	0.002	mg/L	No
<b>Mercury</b>	2023/12/04	0.0001	mg/L	No
<b>Selenium</b>	2023/12/04	0.0002	mg/L	No
<b>Uranium</b>	2023/12/04	0.001	mg/L	No
<b>Nitrite</b>	2025/03/03	0.05	mg/L	No
	2025/06/02	0.05	mg/L	No
	2025/09/10	0.05	mg/L	No
	2025/12/03	0.05	mg/L	No
<b>Nitrate</b>	2025/03/03	0.05	mg/L	No
	2025/06/02	0.05	mg/L	No
	2025/09/10	0.07	mg/L	No
	2025/12/03	0.05	mg/L	No
<b>Sodium</b>	2025/12/03	24.10	mg/L	Yes
	2025/12/09	26.50	mg/L	Yes

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

Location Type	Number of Samples	Range of Lead Results (min#) - (max#)	Number of Exceedances
Plumbing	NA		
Distribution	4	0.0001 - 0.0001 mg/L	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM (NOTE: show latest annual average)	2025	0.0045	mg/L	No
HAA (NOTE: show latest annual average)	2025	0.008	mg/L	No

**FALCONBRIDGE WELL #5**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/04	0.000224	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/04	0.0005	mg/L	No
Azinphos-methyl	2023/12/04	0.000168	mg/L	No
Benzene	2023/12/04	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/04	0.00001	mg/L	No
Bromoxynil	2023/12/04	0.000094	mg/L	No
Carbaryl	2023/12/04	0.002	mg/L	No
Carbofuran	2023/12/04	0.003	mg/L	No
Carbon Tetrachloride	2023/12/04	0.0002	mg/L	No
Chlorpyrifos	2023/12/04	0.000168	mg/L	No
Diazinon	2023/12/04	0.000168	mg/L	No
Dicamba	2023/12/04	0.0000823	mg/L	No
1,2-Dichlorobenzene	2023/12/04	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/04	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/04	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/04	0.0003	mg/L	No
Dichloromethane	2023/12/04	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/04	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/04	0.000353	mg/L	No
Diclofop-methyl	2023/12/04	0.000118	mg/L	No
Dimethoate	2023/12/04	0.000168	mg/L	No
Diquat	2023/12/04	0.0002	mg/L	No
Diuron	2023/12/04	0.01	mg/L	No
Glyphosate	2023/12/04	0.02	mg/L	No
Malathion	2023/12/04	0.000168	mg/L	No
Metolachlor	2023/12/04	0.000112	mg/L	No
Metribuzin	2023/12/04	0.000112	mg/L	No
Monochlorobenzene	2023/12/04	0.0005	mg/L	No

Paraquat	2023/12/04	0.0002	mg/L	No
Pentachlorophenol	2023/12/04	0.0003	mg/L	No
Phorate	2023/12/04	0.000112	mg/L	No
Picloram	2023/12/04	0.0000823	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/04	0.00007	mg/L	No
Prometryne	2023/12/04	0.000056	mg/L	No
Simazine	2023/12/04	0.000168	mg/L	No
Terbufos	2023/12/04	0.000112	mg/L	No
Tetrachloroethylene	2023/12/04	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/04	0.0002	mg/L	No
Triallate	2023/12/04	0.000112	mg/L	No
Trichloroethylene	2023/12/04	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/04	0.0002	mg/L	No
Trifluralin	2023/12/04	0.000112	mg/L	No
Vinyl Chloride	2023/12/04	0.0001	mg/L	No
MCPA	2023/12/04	0.00588	mg/L	No

**FALCONBRIDGE WELL #6**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/04	0.000239	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/04	0.0005	mg/L	No
Azinphos-methyl	2023/12/04	0.000179	mg/L	No
Benzene	2023/12/04	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/04	0.000009	mg/L	No
Bromoxynil	2023/12/04	0.0000954	mg/L	No
Carbaryl	2023/12/04	0.002	mg/L	No
Carbofuran	2023/12/04	0.004	mg/L	No
Carbon Tetrachloride	2023/12/04	0.0002	mg/L	No
Chlorpyrifos	2023/12/04	0.000179	mg/L	No
Diazinon	2023/12/04	0.000179	mg/L	No
Dicamba	2023/12/04	0.0000834	mg/L	No
1,2-Dichlorobenzene	2023/12/04	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/04	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/04	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/04	0.0003	mg/L	No
Dichloromethane	2023/12/04	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/04	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/04	0.000358	mg/L	No
Diclofop-methyl	2023/12/04	0.000119	mg/L	No
Dimethoate	2023/12/04	0.000179	mg/L	No
Diquat	2023/12/04	0.0002	mg/L	No
Diuron	2023/12/04	0.01	mg/L	No
Glyphosate	2023/12/04	0.02	mg/L	No
Malathion	2023/12/04	0.000179	mg/L	No
Metolachlor	2023/12/04	0.000119	mg/L	No
Metribuzin	2023/12/04	0.000119	mg/L	No
Monochlorobenzene	2023/12/04	0.0005	mg/L	No
Paraquat	2023/12/04	0.0002	mg/L	No
Pentachlorophenol	2023/12/04	0.0003	mg/L	No
Phorate	2023/12/04	0.000119	mg/L	No
Picloram	2023/12/04	0.0000834	mg/L	No

Polychlorinated Biphenyls(PCB)	2023/12/04	0.00008	mg/L	No
Prometryne	2023/12/04	0.0000597	mg/L	No
Simazine	2023/12/04	0.000179	mg/L	No
Terbufos	2023/12/04	0.000119	mg/L	No
Tetrachloroethylene	2023/12/04	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/04	0.0003	mg/L	No
Triallate	2023/12/04	0.000119	mg/L	No
Trichloroethylene	2023/12/04	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/04	0.0002	mg/L	No
Trifluralin	2023/12/04	0.000119	mg/L	No
Vinyl Chloride	2023/12/04	0.0001	mg/L	No
MCPA	2023/12/04	0.00596	mg/L	No

**FALCONBRIDGE WELL #7**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/04	0.000225	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/04	0.0005	mg/L	No
Azinphos-methyl	2023/12/04	0.000169	mg/L	No
Benzene	2023/12/04	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/04	0.000009	mg/L	No
Bromoxynil	2023/12/04	0.0000925	mg/L	No
Carbaryl	2023/12/04	0.002	mg/L	No
Carbofuran	2023/12/04	0.004	mg/L	No
Carbon Tetrachloride	2023/12/04	0.0002	mg/L	No
Chlorpyrifos	2023/12/04	0.000169	mg/L	No
Diazinon	2023/12/04	0.000169	mg/L	No
Dicamba	2023/12/04	0.0000809	mg/L	No
1,2-Dichlorobenzene	2023/12/04	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/04	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/04	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/04	0.0003	mg/L	No
Dichloromethane	2023/12/04	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/04	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/04	0.000347	mg/L	No
Diclofop-methyl	2023/12/04	0.000116	mg/L	No
Dimethoate	2023/12/04	0.000169	mg/L	No
Diquat	2023/12/04	0.0002	mg/L	No
Diuron	2023/12/04	0.01	mg/L	No
Glyphosate	2023/12/04	0.02	mg/L	No
Malathion	2023/12/04	0.000169	mg/L	No
Metolachlor	2023/12/04	0.000113	mg/L	No
Metribuzin	2023/12/04	0.000113	mg/L	No
Monochlorobenzene	2023/12/04	0.0005	mg/L	No
Paraquat	2023/12/04	0.0002	mg/L	No
Pentachlorophenol	2023/12/04	0.0003	mg/L	No
Phorate	2023/12/04	0.000113	mg/L	No
Picloram	2023/12/04	0.0000809	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/04	0.00006	mg/L	No
Prometryne	2023/12/04	0.0000563	mg/L	No
Simazine	2023/12/04	0.000169	mg/L	No
Terbufos	2023/12/04	0.000113	mg/L	No

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

Tetrachloroethylene	2023/12/04	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/04	0.0003	mg/L	No
Triallate	2023/12/04	0.000113	mg/L	No
Trichloroethylene	2023/12/04	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/04	0.0002	mg/L	No
Trifluralin	2023/12/04	0.000113	mg/L	No
Vinyl Chloride	2023/12/04	0.0001	mg/L	No
MCPA	2023/12/04	0.00578	mg/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	UOM	Date of Sample	Location
NA				

**(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)**



## Section 3

Onaping/Levack Drinking Water System

**Part III Form 2**  
**Section 11. ANNUAL REPORT.**

<b>Drinking-Water System Number:</b>	220003519
<b>Drinking-Water System</b>	Onaping-Levack Well Supply
<b>Drinking-Water System Owner:</b>	City of Greater Sudbury
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	From 2025-01-01 To 2025-12-31

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px;"> <p>www.greatersudbury.ca TDS-Engineering Department</p> </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served: <input type="text" value="0"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Number of Interested Authorities you report to: <input type="text" value="0"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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**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
NA	

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  No

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

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library/Citizen Service Centre
- Public access/notice via other method \_\_\_\_\_

**Describe your Drinking-Water System**

The Onaping/Levack system includes three drilled wells, Numbers 3, 4 and 5 with a common treatment building. Well pumps 3 and 4 are housed in a separate building while well pump 5 is situated in the treatment building. The treatment building provides chlorine gas injection for disinfection, fluoridation, chemical addition for corrosion control, Sodium Hydroxide for pH control and a stand-by power generator. Continuous analyzers for free chlorine residual, fluoride, turbidity and pH are monitored by an onsite PLC. The system is equipped with an elevated storage tank having re-chlorination capabilities, a Pressure Control /Booster building with stand-by power, a pressure sustaining valve, a distribution online continuous free chlorine analyzer and the distribution piping. The entire water system is in compliance with O. Reg. 170/03 and is monitored 24/7 from the Wanapitei WTP.

**List all water treatment chemicals used over this reporting period**

Chlorine Gas UN#1017, Hydrofluosilicic Acid UN#1778, Polyphosphate, Sodium Hydroxide UN#1824

**Were any significant expenses incurred to?**

- Install required equipment
- Repair required equipment
- Replace required equipment

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

\$97 000 treatment chemicals  
 \$17 000 treatment maintenance parts  
 \$22 000 property maintenance

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

**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**

AWQI #	Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
170999	2025/12/15	Sodium	102	mg/L	Resample	2025/12/15

**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 #)
<b>Raw: WICKWAS WELL #3</b>					
	39	0 to 0	0 to 0		
<b>Raw: WICKWAS WELL #4</b>					
	51	0 to 0	0 to 0		
<b>Raw: WICKWAS WELL #5</b>					
	52	0 to 0	0 to 1		
<b>Treated: WICKWAS TREATED PUMPHOUSE</b>					
	52	0 to 0	0 to 0	52	10 to 20
<b>Distribution</b>					
	157	0 to 0	0 to 0	39	10 to 10

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

	<b>Number of Grab Samples</b>	<b>Range of Results (min #) - (max #)</b>
<b>Chlorine Residual Distribution System</b>	8,760	0.70 - 2.03

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

**WICKWAS TREATED PUMPHOUSE**

<b>Turbidity</b>	8,760	0.01 - 10.00	NTU
<b>Chlorine</b>	8,760	0.81 - 2.64	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.03 - 1.12	mg/L

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

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
2009/03/09	Sodium	2025/01/07	106	mg/L
2009/03/09	Sodium	2025/01/07	114	mg/L
2009/03/09	Sodium	2025/01/07	122	mg/L
2009/03/09	Sodium	2025/02/04	89.4	mg/L
2009/03/09	Sodium	2025/02/04	103	mg/L
2009/03/09	Sodium	2025/02/04	61	mg/L
2009/03/09	Sodium	2025/03/04	70.9	mg/L
2009/03/09	Sodium	2025/03/04	79.4	mg/L
2009/03/09	Sodium	2025/03/04	95.4	mg/L
2009/03/09	Sodium	2025/03/04	51.2	mg/L
2009/03/09	Sodium	2025/03/04	81.2	mg/L
2009/03/09	Sodium	2025/03/04	94.6	mg/L
2009/03/09	Sodium	2025/04/01	80	mg/L
2009/03/09	Sodium	2025/04/01	97.8	mg/L
2009/03/09	Sodium	2025/04/01	95.5	mg/L
2009/03/09	Sodium	2025/05/06	83.9	mg/L
2009/03/09	Sodium	2025/05/06	98.7	mg/L
2009/03/09	Sodium	2025/05/06	70.2	mg/L
2009/03/09	Sodium	2025/06/03	98.4	mg/L
2009/03/09	Sodium	2025/06/03	107	mg/L
2009/03/09	Sodium	2025/06/03	133	mg/L
2009/03/09	Sodium	2025/07/09	79.7	mg/L
2009/03/09	Sodium	2025/07/09	86.4	mg/L
2009/03/09	Sodium	2025/07/09	105	mg/L
2009/03/09	Sodium	2025/08/06	90	mg/L
2009/03/09	Sodium	2025/08/06	104	mg/L
2009/03/09	Sodium	2025/08/06	105	mg/L
2009/03/09	Sodium	2025/09/03	86.7	mg/L
2009/03/09	Sodium	2025/09/03	108	mg/L
2009/03/09	Sodium	2025/09/03	144	mg/L
2009/03/09	Sodium	2025/10/01	94.3	mg/L
2009/03/09	Sodium	2025/10/01	95.5	mg/L
2009/03/09	Sodium	2025/10/01	118	mg/L
2009/03/09	Sodium	2025/12/02	103	mg/L
2009/03/09	Sodium	2025/12/02	90.8	mg/L
2009/03/09	Sodium	2025/12/02	111	mg/L
2009/03/09	Sodium	2025/12/02	91.8	mg/L
2009/03/09	Sodium	2025/12/09	96.9	mg/L
2009/03/09	Sodium	2025/12/09	114	mg/L

**WICKWAS TREATED PUMPHOUSE**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
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## Drinking-Water Systems Regulation O. Reg. 170/03

Antimony	2023/12/05	0.0005	mg/L	No
Arsenic	2023/12/05	0.0017	mg/L	No
Barium	2023/12/05	0.0772	mg/L	No
Boron	2023/12/05	0.002	mg/L	No
Cadmium	2023/12/05	0.0001	mg/L	No
Chromium	2023/12/05	0.0013	mg/L	No
Mercury	2023/12/05	0.0001	mg/L	No
Selenium	2023/12/05	0.00037	mg/L	No
Uranium	2023/12/05	0.001	mg/L	No
Nitrite	2025/03/04	0.05	mg/L	No
	2025/06/03	0.05	mg/L	No
	2025/09/03	0.05	mg/L	No
	2025/12/02	0.05	mg/L	No
Nitrate	2025/03/04	0.6	mg/L	No
	2025/06/03	0.22	mg/L	No
	2025/09/03	0.75	mg/L	No
	2025/12/02	0.7	mg/L	No
Sodium	2025/12/02	102.00	mg/L	Yes
	2025/12/09	114.00	mg/L	Yes
	2025/12/09	96.90	mg/L	Yes

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

Location Type	Number of Samples	Range of Lead Results (min#) - (max#)	Number of Exceedances
Plumbing	NA		
Distribution	4	0.0001 - 0.0001 mg/L	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM (NOTE: show latest annual average)	2025	0.0119	mg/L	No
HAA (NOTE: show latest annual average)	2025	0.008	mg/L	No

### WICKWAS TREATED PUMPHOUSE

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/05	0.000265	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/05	0.0005	mg/L	No
Azinphos-methyl	2023/12/05	0.000199	mg/L	No
Benzene	2023/12/05	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/05	0.00001	mg/L	No
Bromoxynil	2023/12/05	0.0001	mg/L	No

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

Carbaryl	2023/12/05	0.002	mg/L	No
Carbofuran	2023/12/05	0.004	mg/L	No
Carbon Tetrachloride	2023/12/05	0.0002	mg/L	No
Chlorpyrifos	2023/12/05	0.000199	mg/L	No
Diazinon	2023/12/05	0.000199	mg/L	No
Dicamba	2023/12/05	0.0000878	mg/L	No
1,2-Dichlorobenzene	2023/12/05	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/05	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/05	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/05	0.0003	mg/L	No
Dichloromethane	2023/12/05	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/05	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/05	0.000376	mg/L	No
Diclofop-methyl	2023/12/05	0.000125	mg/L	No
Dimethoate	2023/12/05	0.000199	mg/L	No
Diquat	2023/12/05	0.0002	mg/L	No
Diuron	2023/12/05	0.01	mg/L	No
Glyphosate	2023/12/05	0.02	mg/L	No
Malathion	2023/12/05	0.000199	mg/L	No
Metolachlor	2023/12/05	0.000133	mg/L	No
Metribuzin	2023/12/05	0.000133	mg/L	No
Monochlorobenzene	2023/12/05	0.0005	mg/L	No
Paraquat	2023/12/05	0.0002	mg/L	No
Pentachlorophenol	2023/12/05	0.0003	mg/L	No
Phorate	2023/12/05	0.000133	mg/L	No
Picloram	2023/12/05	0.0000878	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/05	0.00006	mg/L	No
Prometryne	2023/12/05	0.0000663	mg/L	No
Simazine	2023/12/05	0.000199	mg/L	No
Terbufos	2023/12/05	0.000133	mg/L	No
Tetrachloroethylene	2023/12/05	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/05	0.0003	mg/L	No
Triallate	2023/12/05	0.000133	mg/L	No
Trichloroethylene	2023/12/05	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/05	0.0002	mg/L	No
Trifluralin	2023/12/05	0.000133	mg/L	No
Vinyl Chloride	2023/12/05	0.0001	mg/L	No
MCPA	2023/12/05	0.00627	mg/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	UOM	Date of Sample	Location
NA				

**(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)**



## Section 4

Sudbury Drinking Water System - Garson

**Part III Form 2**  
**Section 11. ANNUAL REPORT.**

<b>Drinking-Water System Number:</b>	220003485
<b>Drinking-Water System</b>	Sudbury Drinking Water System -Garson
<b>Drinking-Water System Owner:</b>	City of Greater Sudbury
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	From 2025-01-01 To 2025-12-31

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px;"> <p>www.greatersudbury.ca TDS-Engineering Department</p> </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served: <input type="text" value="0"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Number of Interested Authorities you report to: <input type="text" value="0"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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**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
NA	

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  No

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

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

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library/Citizen Service Centre
- Public access/notice via other method \_\_\_\_\_

### Describe your Drinking-Water System

The Garson system includes three wells, Garson Well #2 located near the intersection of Spruce St. and Falconbridge Hwy., plus Garson Wells #1 & 3 located on Falconbridge Hwy. The system's wells take water from an unconfined aquifer in a sand and gravel formation at Garson Well #2, and a sand, gravel, boulder formation at Garson #1 & 3. All the well groundwater is disinfected by chlorination and fluoridated at the well sites before it enters the distribution system. A common chemical room and a chlorine contact chamber is installed at the Garson #1 & 3 site. Garson Well #2 includes an oversized pipe on discharge that provides chlorine contact time. Continuous analyzers for free chlorine residual, fluoride and turbidity are monitored by an onsite PLC. A standby power generator with an automatic transfer switch is located at the Garson #1 & 3 site. The Garson Distribution System encompasses all municipal distribution in the north east part of Garson, east of the intersection of O'Neil Drive W. and Falconbridge Road and North to include the Old Skead Rd. area of Garson. The distribution system includes an online continuous chlorine analyzer. In the case of a complete system failure, a pressure sustaining valve, at the corner of O'Neil Drive W. and Falconbridge Hwy, ensures a water supply to Garson by connecting the Garson and Sudbury/Wanapitei Systems. The entire water system is in compliance with O. Reg. 170/03 and is monitored 24/7 from the Wanapitei WTP.

### List all water treatment chemicals used over this reporting period

Sodium Hypochlorite UN#1791, Hydrofluosilicic Acid UN#1778

### Were any significant expenses incurred to?

- Install required equipment
- Repair required equipment
- Replace required equipment

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

\$52 000 new analyzer, treatment system parts  
 \$37 000 treatment chemicals  
 \$8 500 roof repairs, \$8 000 for pump base repairs, \$24 000 for process piping installation  
 \$30 000 property maintenance

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

**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**

AWQI #	Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
167332	2025/02/04	Loss of Pressure			Flush/Resample	2025/02/07
167836	2025/04/10	Loss of Pressure			Flush/Resample	2025/04/12
170954	2025/12/05	Sodium	64.6	mg/L	Resample	2025/12/05

**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 #)
<b>Raw: GARSON WELL #1</b>					
	52	0 to 0	0 to 0		
<b>Raw: GARSON WELL #2</b>					
	41	0 to 0	0 to 0		
<b>Raw: GARSON WELL #3</b>					
	52	0 to 0	0 to 0		
<b>Treated: GARSON #1 &amp; #3 WELL TREATED</b>					
	52	0 to 0	0 to 0	52	10 to 10
<b>Treated: GARSON #2 WELL TREATED</b>					
	41	0 to 0	0 to 0	41	10 to 10
<b>Distribution</b>					
	286	0 to 0	0 to 0	60	0 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 #)
Chlorine Residual Distribution System	8,760	0.07 - 3.39

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

**GARSON #1 & #3 WELL TREATED**

Turbidity	8,760	0.00 - 2.00	NTU
Chlorine	8,760	0.55 - 3.62	mg/L
Fluoride (If the DWS provides fluoridation)	8,760	0.20 - 1.42	mg/L

**GARSON #2 WELL TREATED**

Turbidity	8,760	0.01 - 2.00	NTU
Chlorine	8,760	0.50 - 4.18	mg/L
Fluoride (If the DWS provides fluoridation)	8,760	0.00 - 1.17	mg/L

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

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
NA				

**GARSON #1 & #3 WELL TREATED**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	2023/12/04	0.0005	mg/L	No
Arsenic	2023/12/04	0.0033	mg/L	No
Barium	2023/12/04	0.0387	mg/L	No
Boron	2023/12/04	0.002	mg/L	No
Cadmium	2023/12/04	0.0001	mg/L	No
Chromium	2023/12/04	0.0021	mg/L	No
Mercury	2023/12/04	0.0001	mg/L	No
Selenium	2023/12/04	0.00054	mg/L	No
Uranium	2023/12/04	0.0013	mg/L	No
Nitrite	2025/03/03	0.05	mg/L	No
	2025/06/02	0.05	mg/L	No
	2025/09/02	0.05	mg/L	No
	2025/12/01	0.05	mg/L	No

<b>Nitrate</b>	2025/03/03	0.57	mg/L	No
	2025/06/02	0.45	mg/L	No
	2025/09/02	0.42	mg/L	No
	2025/12/01	0.35	mg/L	No
<b>Sodium</b>	2025/12/01	16.50	mg/L	No

**GARSON #2 WELL TREATED**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	2023/12/04	0.0005	mg/L	No
<b>Arsenic</b>	2023/12/04	0.0033	mg/L	No
<b>Barium</b>	2023/12/04	0.0398	mg/L	No
<b>Boron</b>	2023/12/04	0.003	mg/L	No
<b>Cadmium</b>	2023/12/04	0.0001	mg/L	No
<b>Chromium</b>	2023/12/04	0.0023	mg/L	No
<b>Mercury</b>	2023/12/04	0.0001	mg/L	No
<b>Selenium</b>	2023/12/04	0.00062	mg/L	No
<b>Uranium</b>	2023/12/04	0.0011	mg/L	No
<b>Nitrite</b>	2025/06/02	0.05	mg/L	No
	2025/09/02	0.05	mg/L	No
	2025/12/01	0.05	mg/L	No
<b>Nitrate</b>	2025/06/02	0.68	mg/L	No
	2025/09/02	0.53	mg/L	No
	2025/12/01	0.54	mg/L	No
<b>Sodium</b>	2025/12/01	64.70	mg/L	Yes
	2025/12/05	64.60	mg/L	Yes

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

Location Type	Number of Samples	Range of Lead Results (min#) - (max#)	Number of Exceedances
<b>Plumbing</b>	NA		
<b>Distribution</b>	6	0.0001 - 0.0001 mg/L	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>THM</b> (NOTE: show latest annual average)	2025	0.0072	mg/L	No
<b>HAA</b> (NOTE: show latest annual average)	2025	0.008	mg/L	No

**GARSON #2 WELL TREATED**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/04	0.000228	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/04	0.0005	mg/L	No
Azinphos-methyl	2023/12/04	0.000171	mg/L	No
Benzene	2023/12/04	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/04	0.000009	mg/L	No
Bromoxynil	2023/12/04	0.000115	mg/L	No
Carbaryl	2023/12/04	0.002	mg/L	No
Carbofuran	2023/12/04	0.004	mg/L	No
Carbon Tetrachloride	2023/12/04	0.0002	mg/L	No
Chlorpyrifos	2023/12/04	0.000171	mg/L	No
Diazinon	2023/12/04	0.000171	mg/L	No
Dicamba	2023/12/04	0.0001	mg/L	No
1,2-Dichlorobenzene	2023/12/04	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/04	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/04	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/04	0.0003	mg/L	No
Dichloromethane	2023/12/04	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/04	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/04	0.00043	mg/L	No
Diclofop-methyl	2023/12/04	0.000143	mg/L	No
Dimethoate	2023/12/04	0.000171	mg/L	No
Diquat	2023/12/04	0.0002	mg/L	No
Diuron	2023/12/04	0.01	mg/L	No
Glyphosate	2023/12/04	0.02	mg/L	No
Malathion	2023/12/04	0.000171	mg/L	No
Metolachlor	2023/12/04	0.000114	mg/L	No
Metribuzin	2023/12/04	0.000114	mg/L	No
Monochlorobenzene	2023/12/04	0.0005	mg/L	No
Paraquat	2023/12/04	0.0002	mg/L	No
Pentachlorophenol	2023/12/04	0.0003	mg/L	No
Phorate	2023/12/04	0.000114	mg/L	No
Picloram	2023/12/04	0.0001	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/04	0.00006	mg/L	No
Prometryne	2023/12/04	0.000057	mg/L	No
Simazine	2023/12/04	0.000171	mg/L	No
Terbufos	2023/12/04	0.000114	mg/L	No
Tetrachloroethylene	2023/12/04	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/04	0.0003	mg/L	No
Triallate	2023/12/04	0.000114	mg/L	No
Trichloroethylene	2023/12/04	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/04	0.0002	mg/L	No
Trifluralin	2023/12/04	0.000114	mg/L	No
Vinyl Chloride	2023/12/04	0.0001	mg/L	No
MCPA	2023/12/04	0.00717	mg/L	No

**GARSON #1 & #3 WELL TREATED**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/04	0.000239	mg/L	No

Atrazine + N-dealkylated metabolites	2023/12/04	0.0005	mg/L	No
Azinphos-methyl	2023/12/04	0.000179	mg/L	No
Benzene	2023/12/04	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/04	0.000009	mg/L	No
Bromoxynil	2023/12/04	0.0000982	mg/L	No
Carbaryl	2023/12/04	0.002	mg/L	No
Carbofuran	2023/12/04	0.004	mg/L	No
Carbon Tetrachloride	2023/12/04	0.0002	mg/L	No
Chlorpyrifos	2023/12/04	0.000179	mg/L	No
Diazinon	2023/12/04	0.000179	mg/L	No
Dicamba	2023/12/04	0.0000859	mg/L	No
1,2-Dichlorobenzene	2023/12/04	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/04	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/04	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/04	0.0003	mg/L	No
Dichloromethane	2023/12/04	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/04	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/04	0.000368	mg/L	No
Diclofop-methyl	2023/12/04	0.000123	mg/L	No
Dimethoate	2023/12/04	0.000179	mg/L	No
Diquat	2023/12/04	0.0002	mg/L	No
Diuron	2023/12/04	0.01	mg/L	No
Glyphosate	2023/12/04	0.02	mg/L	No
Malathion	2023/12/04	0.000179	mg/L	No
Metolachlor	2023/12/04	0.000119	mg/L	No
Metribuzin	2023/12/04	0.000119	mg/L	No
Monochlorobenzene	2023/12/04	0.0005	mg/L	No
Paraquat	2023/12/04	0.0002	mg/L	No
Pentachlorophenol	2023/12/04	0.0003	mg/L	No
Phorate	2023/12/04	0.000119	mg/L	No
Picloram	2023/12/04	0.0000859	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/04	0.00006	mg/L	No
Prometryne	2023/12/04	0.0000597	mg/L	No
Simazine	2023/12/04	0.000179	mg/L	No
Terbufos	2023/12/04	0.000119	mg/L	No
Tetrachloroethylene	2023/12/04	0.00328	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/04	0.0003	mg/L	No
Triallate	2023/12/04	0.000119	mg/L	No
Trichloroethylene	2023/12/04	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/04	0.0002	mg/L	No
Trifluralin	2023/12/04	0.000119	mg/L	No
Vinyl Chloride	2023/12/04	0.0001	mg/L	No
MCPA	2023/12/04	0.00614	mg/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	UOM	Date of Sample	Location
NA				

**(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)**



## Section 5

Sudbury Drinking Water System – David WTP

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

**Part III Form 2**  
**Section 11. ANNUAL REPORT.**

<b>Drinking-Water System Number:</b>	220003537
<b>Drinking-Water System</b>	Sudbury Drinking Water System - David St.
<b>Drinking-Water System Owner:</b>	City of Greater Sudbury
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	From 2025-01-01 To 2025-12-31

**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

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

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

www.greatersudbury.ca  
 TDS-Engineering Department

**Complete for all other Categories.**

Number of Designated Facilities served:

0

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

Number of Interested Authorities you report to:

0

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 of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
Sudbury Drinking Water System - Wanapitei	210001111

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  No

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

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library/Citizen Service Centre
- Public access/notice via other method \_\_\_\_\_

### Describe your Drinking-Water System

The David St. Water Treatment Plant is a surface water plant which draws water from Ramsey Lake. Proportionally, the plant services approximately 40% of Sudbury, however, most of the water produced at the David St. WTP is normally delivered to the south, west and downtown areas of Sudbury as well as supplying water to the Ellis reservoir. Treatment incorporated is in the form of membrane ultrafiltration, disinfection by chlorination, Ultra-Violet irradiation, fluoridation, pH adjustment and corrosion control with a polyphosphate. The distribution system includes an online continuous chlorine analyzer & related appurtenances. The plant is in full treatment compliance with O. Reg. 170/03 and is monitored 24/7 from the Wanapitei WTP.

### List all water treatment chemicals used over this reporting period

Sodium Hypochlorite UN#1791, Hydrofluosilicic Acid UN#1778, Polyphosphate, Sodium Hydroxide UN#1824, Sodium Bisulfate UN#2693, Citric Acid UN#3625, Sodium Permanganate UN#3214

### Were any significant expenses incurred to?

- Install required equipment
- Repair required equipment
- Replace required equipment

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

\$117 000 treatment chemicals  
\$124 000 maintenance materials for treatment system  
\$42 000 property maintenance contracts

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

**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**

AWQI #	Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
167587	2025/03/26	Total Coliform	1	CFU/100 ml	Flush/Resample	2025/03/27
170487	2025/10/22	Total Coliform	1	CFU/100 ml	Flush/Resample	2025/10/23
170876	2025/11/27	Total Coliform	5	CFU/100 ml	Flush/Resample	2025/12/01
170938	2025/12/03	Sodium	61.1	mg/L	Resample	2025/12/03

**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 #)
<b>Raw: RAMSEY LAKE</b>					
	51	0 to 1	0 to 1		
<b>Treated: SUDBURY (DAVID ST) Water Treatment Plant</b>					
	51	0 to 0	0 to 0	52	10 to 10
<b>Distribution</b>					
	1,622	0 to 0	0 to 5	390	10 to 170

**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 #)
Chlorine Residual Distribution System	8,760	0.63 - 1.85

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

**SUDBURY (DAVID ST) Water Treatment Plant**

<b>Turbidity</b>	8,760	0.01 - 5.00	NTU
<b>Chlorine</b>	8,760	0.90 - 4.87	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.06 - 1.32	mg/L

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

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
NA				

**SUDBURY (DAVID ST) Water Treatment Plant**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	2025/12/01	0.0005	mg/L	No
<b>Arsenic</b>	2025/12/01	0.0025	mg/L	No
<b>Barium</b>	2025/12/01	0.015	mg/L	No
<b>Boron</b>	2025/12/01	0.012	mg/L	No
<b>Cadmium</b>	2025/12/01	0.0001	mg/L	No
<b>Chromium</b>	2025/12/01	0.001	mg/L	No
<b>Mercury</b>	2025/12/01	0.0001	mg/L	No
<b>Selenium</b>	2025/12/01	0.0007	mg/L	No
<b>Uranium</b>	2025/12/01	0.0005	mg/L	No
<b>Nitrite</b>	2025/03/04	0.05	mg/L	No
	2025/06/02	0.05	mg/L	No
	2025/09/02	0.05	mg/L	No
	2025/12/01	0.05	mg/L	No
<b>Nitrate</b>	2025/03/04	0.05	mg/L	No
	2025/06/02	0.05	mg/L	No
	2025/09/02	0.14	mg/L	No
	2025/12/01	0.05	mg/L	No
<b>Sodium</b>	2025/12/01	61.10	mg/L	Yes
	2025/12/08	58.00	mg/L	Yes

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

Location Type	Number of Samples	Range of Lead Results (min#) - (max#)	Number of Exceedances
<b>Plumbing</b>	45	0.0001 - 0.145 mg/L	1
<b>Distribution</b>	16	0.0001 - 0.0004 mg/L	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>THM</b> (NOTE: show latest annual average)	2025	0.0835	mg/L	No
<b>HAA</b> (NOTE: show latest annual average)	2025	0.069	mg/L	No

**SUDBURY (DAVID ST) Water Treatment Plant**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2025/12/01	0.00025	mg/L	No
Atrazine + N-dealkylated metabolites	2025/12/01	0.0005	mg/L	No
Azinphos-methyl	2025/12/01	0.000188	mg/L	No
Benzene	2025/12/01	0.0001	mg/L	No
Benzo(a)pyrene	2025/12/01	0.00001	mg/L	No
Bromoxynil	2025/12/01	0.0000907	mg/L	No
Carbaryl	2025/12/01	0.0005	mg/L	No
Carbofuran	2025/12/01	0.0005	mg/L	No
Carbon Tetrachloride	2025/12/01	0.0002	mg/L	No
Chlorpyrifos	2025/12/01	0.000188	mg/L	No
Diazinon	2025/12/01	0.000188	mg/L	No
Dicamba	2025/12/01	0.0000794	mg/L	No
1,2-Dichlorobenzene	2025/12/01	0.0002	mg/L	No
1,4-Dichlorobenzene	2025/12/01	0.0003	mg/L	No
1,2-Dichloroethane	2025/12/01	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2025/12/01	0.0003	mg/L	No
Dichloromethane	2025/12/01	0.001	mg/L	No
2-4 Dichlorophenol	2025/12/01	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2025/12/01	0.00034	mg/L	No
Diclofop-methyl	2025/12/01	0.000113	mg/L	No
Dimethoate	2025/12/01	0.000188	mg/L	No
Diquat	2025/12/01	0.0003	mg/L	No
Diuron	2025/12/01	0.0005	mg/L	No
Glyphosate	2025/12/01	0.01	mg/L	No
Malathion	2025/12/01	0.000188	mg/L	No
Metolachlor	2025/12/01	0.000125	mg/L	No
Metribuzin	2025/12/01	0.000125	mg/L	No
Monochlorobenzene	2025/12/01	0.0005	mg/L	No
Paraquat	2025/12/01	0.0004	mg/L	No
Pentachlorophenol	2025/12/01	0.0003	mg/L	No
Phorate	2025/12/01	0.000125	mg/L	No
Picloram	2025/12/01	0.0000794	mg/L	No
Polychlorinated Biphenyls(PCB)	2025/12/01	0.00005	mg/L	No
Prometryne	2025/12/01	0.0000626	mg/L	No
Simazine	2025/12/01	0.000188	mg/L	No
Terbufos	2025/12/01	0.000125	mg/L	No
Tetrachloroethylene	2025/12/01	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2025/12/01	0.0003	mg/L	No
Triallate	2025/12/01	0.000125	mg/L	No
Trichloroethylene	2025/12/01	0.0002	mg/L	No
2,4,6-Trichlorophenol	2025/12/01	0.0002	mg/L	No

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

<b>Trifluralin</b>	2025/12/01	0.000125	mg/L	No
<b>Vinyl Chloride</b>	2025/12/01	0.0001	mg/L	No
<b>MCPA</b>	2025/12/01	0.00567	mg/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	UOM	Date of Sample	Location
NA				

**(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)**



## Section 6

Sudbury Drinking Water System – Wanapitei WTP

**Part III Form 2**  
**Section 11. ANNUAL REPORT.**

<b>Drinking-Water System Number:</b>	210001111
<b>Drinking-Water System</b>	Sudbury Drinking Water System - Wanapitei
<b>Drinking-Water System Owner:</b>	City of Greater Sudbury
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	From 2025-01-01 To 2025-12-31

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px;"> <p>www.greatersudbury.ca          TDS-Engineering Department</p> </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served: <input type="text" value="0"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Number of Interested Authorities you report to: <input type="text" value="0"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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**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
Markstay-Warren	220013606
Sudbury Drinking Water System - Garson	220003485
Sudbury Drinking Water System - David St.	220003537

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  No

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

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library/Citizen Service Centre
- Public access/notice via other method \_\_\_\_\_

**Describe your Drinking-Water System**

The Wanapitei Water Treatment Plant is a surface water plant which draws water from the Wanapitei River. Proportionally, the plant services approximately 60% of Sudbury, with the water being produced supplying the northeastern and northwestern areas of the City but includes Markstay, Coniston and parts of Garson (west of Falconbridge Road at O'Neil Drive) as well as supplying water to the Ellis Reservoir. The raw water is pumped from the Wanapitei River via the Wanapitei intake, a concrete intake structure that protrudes into the Wanapitei River. The raw intake pumphouse is situated north of Hwy. 17, in the community of Wahnapiatae. The raw water passes through a coarse aluminum bar screen then through two finer stainless steel screens inside the station before being pumped to the treatment plant to the west. The Wanapitei WTP utilizes a conventional water treatment process complete with Coagulation / Flocculation, Sedimentation and Filtration by dual media filters. Chlorine and/or Chlorine Dioxide are used for disinfection purposes and Ultra-Violet irradiation was added to the end of the process in 2010. Corrosion control, pH adjustment plus the addition of fluoride complete the process. The distribution system includes an online continuous chlorine analyzer & various other appurtenances. The plant is in full treatment compliance with O. Reg. 170/03.

**List all water treatment chemicals used over this reporting period**

Chlorine Gas UN#1017, Hydrofluosilicic Acid UN#1778, Polyphosphate, Sodium Chlorite UN#1908, SternPac UN#3264, Hydrated Lime, Polyelectrolyte, Chlorine Dioxide (generated onsite)

**Were any significant expenses incurred to?**

- Install required equipment
- Repair required equipment
- Replace required equipment

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

\$76 000 upgrade to emergency evacuation alarms and system, \$12 000 software licenses  
 \$1 400 000 treatment chemicals, \$953 847 filter#3 upgrades  
 \$63 000 reactivator repairs, \$15 000 chemical storage tank inspection  
 \$72 000 property maintenance

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

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

AWQI #	Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
NA						

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 #)
<b>Raw: WANAPITEI RIVER</b>					
	52	0 to 90	0 to 660		
<b>Treated: HL PUMP STATION, Sudbury (Wanapitei) WTP</b>					
	52	0 to 0	0 to 0	52	10 to 2000
<b>Distribution</b>					
	1,622	0 to 0	0 to 0	390	10 to 100

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 #)
Chlorine Residual Distribution System	8,760	0.63 - 1.85

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

**HL PUMP STATION, Sudbury (Wanapitei) WTP**

<b>Turbidity</b>	8,760	0.00 - 1.01	NTU
<b>Chlorine</b>	8,760	0.52 - 2.50	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.00 - 1.36	mg/L

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

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
NA				

**HL PUMP STATION, Sudbury (Wanapitei) WTP**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	2025/12/02	0.0005	mg/L	No
<b>Arsenic</b>	2025/12/02	0.0005	mg/L	No
<b>Barium</b>	2025/12/02	0.014	mg/L	No
<b>Boron</b>	2025/12/02	0.003	mg/L	No
<b>Cadmium</b>	2025/12/02	0.0001	mg/L	No
<b>Chromium</b>	2025/12/02	0.001	mg/L	No
<b>Mercury</b>	2025/12/02	0.0001	mg/L	No
<b>Selenium</b>	2025/12/02	0.0003	mg/L	No
<b>Uranium</b>	2025/12/02	0.0005	mg/L	No
<b>Nitrite</b>	2025/03/04	0.05	mg/L	No
	2025/06/03	0.05	mg/L	No
	2025/09/03	0.05	mg/L	No
	2025/12/02	0.05	mg/L	No
<b>Nitrate</b>	2025/03/04	0.1	mg/L	No
	2025/06/03	0.08	mg/L	No
	2025/09/03	0.05	mg/L	No
	2025/12/02	0.05	mg/L	No
<b>Sodium</b>	2025/12/02	2.02	mg/L	No

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

Location Type	Number of Samples	Range of Lead Results (min#) - (max#)	Number of Exceedances
<b>Plumbing</b>	44	0.0001 - 0.0314 mg/L	1
<b>Distribution</b>	16	0.0001 - 0.0001 mg/L	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>THM</b> (NOTE: show latest annual average)	2025	0.0651	mg/L	No
<b>HAA</b> (NOTE: show latest annual average)	2025	0.050	mg/L	No

### HL PUMP STATION, Sudbury (Wanapitei) WTP

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2025/12/02	0.000265	mg/L	No
Atrazine + N-dealkylated metabolites	2025/12/02	0.0005	mg/L	No
Azinphos-methyl	2025/12/02	0.000199	mg/L	No
Benzene	2025/12/02	0.0001	mg/L	No
Benzo(a)pyrene	2025/12/02	0.00001	mg/L	No
Bromoxynil	2025/12/02	0.0000938	mg/L	No
Carbaryl	2025/12/02	0.0005	mg/L	No
Carbofuran	2025/12/02	0.0005	mg/L	No
Carbon Tetrachloride	2025/12/02	0.0002	mg/L	No
Chlorpyrifos	2025/12/02	0.000199	mg/L	No
Diazinon	2025/12/02	0.000199	mg/L	No
Dicamba	2025/12/02	0.0000821	mg/L	No
1,2-Dichlorobenzene	2025/12/02	0.0002	mg/L	No
1,4-Dichlorobenzene	2025/12/02	0.0003	mg/L	No
1,2-Dichloroethane	2025/12/02	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2025/12/02	0.0003	mg/L	No
Dichloromethane	2025/12/02	0.001	mg/L	No
2-4 Dichlorophenol	2025/12/02	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2025/12/02	0.000352	mg/L	No
Diclofop-methyl	2025/12/02	0.000117	mg/L	No
Dimethoate	2025/12/02	0.000199	mg/L	No
Diquat	2025/12/02	0.0003	mg/L	No
Diuron	2025/12/02	0.0005	mg/L	No
Glyphosate	2025/12/02	0.01	mg/L	No
Malathion	2025/12/02	0.000199	mg/L	No
Metolachlor	2025/12/02	0.000132	mg/L	No
Metribuzin	2025/12/02	0.000132	mg/L	No
Monochlorobenzene	2025/12/02	0.0005	mg/L	No
Paraquat	2025/12/02	0.0004	mg/L	No
Pentachlorophenol	2025/12/02	0.0003	mg/L	No
Phorate	2025/12/02	0.000132	mg/L	No
Picloram	2025/12/02	0.0000821	mg/L	No
Polychlorinated Biphenyls(PCB)	2025/12/02	0.00005	mg/L	No
Prometryne	2025/12/02	0.0000662	mg/L	No
Simazine	2025/12/02	0.000199	mg/L	No
Terbufos	2025/12/02	0.000132	mg/L	No
Tetrachloroethylene	2025/12/02	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2025/12/02	0.0003	mg/L	No
Triallate	2025/12/02	0.000132	mg/L	No
Trichloroethylene	2025/12/02	0.0002	mg/L	No
2,4,6-Trichlorophenol	2025/12/02	0.0002	mg/L	No

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

<b>Trifluralin</b>	2025/12/02	0.000132	mg/L	No
<b>Vinyl Chloride</b>	2025/12/02	0.0001	mg/L	No
<b>MCPA</b>	2025/12/02	0.00586	mg/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	UOM	Date of Sample	Location
NA				

**(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)**



## Section 7

Bleazard Valley – Capreol Drinking Water System

**Part III Form 2**  
**Section 11. ANNUAL REPORT.**

<b>Drinking-Water System Number:</b>	210000737
<b>Drinking-Water System</b>	Bleazard Valley - Capreol Well Supply
<b>Drinking-Water System Owner:</b>	City of Greater Sudbury
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	From 2025-01-01 To 2025-12-31

**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

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

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

www.greatersudbury.ca  
TDS-Engineering Department

**Complete for all other Categories.**

Number of Designated Facilities served:

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

Number of Interested Authorities you report to:

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 of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
NA	

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  No

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

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library/Citizen Service Centre
- Public access/notice via other method \_\_\_\_\_

**Describe your Drinking-Water System**

The system includes nine Blezard Valley wells, which extend in a well field from Val Therese to Hanmer and two Capreol Wells adjacent to Greens Lake. All of the groundwater wells undergo primary treatment in the form of Ultra-Violet irradiation, secondary disinfection by chlorination, and fluoridation. The Capreol wells also include chemical addition for corrosion control. Continuous analyzers for free chlorine residual, fluoride, turbidity and UV equipment are monitored at each well by onsite PLC's. A standby power generator with an automatic transfer switch is located at several of the wells. In the event that the Capreol wells fail, the Valley wells can supply water to the Capreol Boosters located onsite. In the event that the entire system of wells and boosters fail, water will continue to be supplied from the three storage facilities, but at a reduced pressure. Three water storage tanks are situated in Azilda, Chelmsford and Val Caron and all distribution piping completes the system. The Blezard Valley distribution includes an online continuous chlorine analyzer and encompasses the communities of Chelmsford, Azilda, McCrea Heights, Blezard Valley, Val Caron, Val Therese, Hanmer and Capreol. The entire water system is in compliance with O. Reg. 170/03 and is monitored 24/7 from the Wanapitei WTP.

**List all water treatment chemicals used over this reporting period**

Chlorine Gas UN#1017, Hydrofluosilicic Acid UN#1778, Polyphosphate

**Were any significant expenses incurred to?**

- Install required equipment
- Repair required equipment
- Replace required equipment

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

\$45 000 New fire hydrant and valve, \$30 000 Programing upgrades at Capreol wells and booster  
 \$57 000 Upgrades to UV systems, \$19 000 on Fluoride system maintenance, \$57 000 on chlorine system,  
 \$8 000 data recorder, \$55 000 treatment chemicals and \$100 000 property maintenance for the Valley East wells system

**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**

AWQI #	Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
169957	2025/09/16	Total Coliform	1	CFU/100 ml	Flush/Resample	2025/09/18
170279	2025/10/08	Total Coliform	1	CFU/100 ml	Flush/Resample	2025/10/09
170280	2025/10/08	Total Coliform	1	CFU/100 ml	Flush/Resample	2025/10/09
170683	2025/09/30	Analyzer not calibrated				2025/09/30
170953	2025/12/02	Sodium	32.3	mg/L	Resample	2025/12/05

**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 #)

<b>Raw: WELL A -DESCHENE WELL</b>					
	52	0 to 0	0 to 0		
<b>Raw: WELL B- KENNETH WELL</b>					
	0				
<b>Raw: WELL C -PHILIPPE WELL</b>					
	52	0 to 0	0 to 0		
<b>Raw: WELL D -FROST WELL</b>					
	52	0 to 0	0 to 0		
<b>Raw: WELLE E -NOTRE DAME</b>					
	52	0 to 0	0 to 0		
<b>Raw: WELL F -LINDEN WELL</b>					
	52	0 to 0	0 to 0		
<b>Raw: WELL G -PHARAND WELL</b>					
	52	0 to 0	0 to 1		
<b>Raw: WELL H -MICHELLE WELL</b>					
	52	0 to 0	0 to 1		
<b>Raw: WELL I -I WELL</b>					
	0				
<b>Raw: WELL J - GREEN LAKE</b>					
	0				
<b>Raw: WELL M - GREEN LAKE</b>					
	10	0 to 0	0 to 0		
<b>Raw: WELL Q - CHENIER</b>					
	52	0 to 0	0 to 0		
<b>Raw: WELL R</b>					
	46	0 to 0	0 to 2		

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

<b>Treated: CAPREOL WELL SUPPLY - WELL M&amp;J</b>					
	10	0 to 0	0 to 0	10	10 to 10
<b>Treated: WELL A - DESCHENE WELL</b>					
	53	0 to 0	0 to 1	53	10 to 10
<b>Treated: WELL B - KENNETH WELL</b>					
	0			0	
<b>Treated: WELL C - PHILIPPE WELL</b>					
	52	0 to 0	0 to 0	52	10 to 20
<b>Treated: WELL D - FROST WELL</b>					
	52	0 to 0	0 to 0	52	10 to 10
<b>Treated: WELL E - NOTRE DAME WELL</b>					
	52	0 to 0	0 to 0	52	10 to 10
<b>Treated: WELL F - LINDEN WELL</b>					
	52	0 to 0	0 to 0	52	10 to 30
<b>Treated: WELL G - PHARAND WELL</b>					
	52	0 to 0	0 to 0	52	10 to 20
<b>Treated: WELL H - MICHELLE WELL</b>					
	52	0 to 0	0 to 0	52	10 to 10
<b>Treated: WELL I - I WELL</b>					
	0			0	
<b>Treated: WELL Q- CHENIER</b>					
	53	0 to 0	0 to 0	53	10 to 10
<b>Treated: WELL R</b>					
	45	0 to 0	0 to 0	45	10 to 20
<b>Distribution</b>					
	628	0 to 0	0 to 1	169	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 #)
Chlorine Residual Distribution System	8,760	0.76 - 2.97

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

**CAPREOL WELL SUPPLY - WELL M&J**

<b>Turbidity</b>	8,760	0.05 - 1.52	NTU
<b>Chlorine</b>	8,760	0.78 - 5.00	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.13 - 0.88	mg/L

**WELL A - DESCHENE WELL**

<b>Turbidity</b>	8,760	0.02 - 2.00	NTU
<b>Chlorine</b>	8,760	0.39 - 5.00	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.20 - 1.30	mg/L

**WELL B - KENNETH WELL Off Line**

<b>Turbidity</b>			
<b>Chlorine</b>			
<b>Fluoride</b> (If the DWS provides fluoridation)			

**WELL C - PHILIPPE WELL**

<b>Turbidity</b>	8,760	0.01 - 2.00	NTU
<b>Chlorine</b>	8,760	0.35 - 4.45	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.20 - 1.18	mg/L

**WELL D - FROST WELL**

<b>Turbidity</b>	8,760	0.00 - 2.00	NTU
<b>Chlorine</b>	8,760	0.30 - 2.70	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.00 - 1.01	mg/L

**WELL E - NOTRE DAME WELL**

<b>Turbidity</b>	8,760	0.02 - 2.00	NTU
<b>Chlorine</b>	8,760	0.45 - 5.00	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.20 - 1.38	mg/L

**WELL F - LINDEN WELL**

<b>Turbidity</b>	8,760	0.04 - 2.00	NTU
<b>Chlorine</b>	8,760	0.56 - 5.00	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.20 - 1.43	mg/L

**WELL G - PHARAND WELL**

<b>Turbidity</b>	8,760	0.03 - 2.00	NTU
<b>Chlorine</b>	8,760	0.20 - 2.91	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.20 - 0.91	mg/L

**WELL H - MICHELLE WELL**

<b>Turbidity</b>	8,760	0.02 - 2.00	NTU
<b>Chlorine</b>	8,760	0.15 - 4.05	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.20 - 1.04	mg/L

**WELL I - I WELL** Off Line

<b>Turbidity</b>			
<b>Chlorine</b>			
<b>Fluoride</b> (If the DWS provides fluoridation)			

**WELL Q- CHENIER**

<b>Turbidity</b>	8,760	0.01 - 3.74	NTU
<b>Chlorine</b>	8,760	0.46 - 4.99	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.01 - 1.03	mg/L

**WELL R**

<b>Turbidity</b>	8,760	0.02 - 10.00	NTU
<b>Chlorine</b>	8,760	0.45 - 4.99	mg/L
<b>Fluoride</b> (If the DWS provides fluoridation)	8,760	0.07 - 0.94	mg/L

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

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
NA				

**WELL A - DESCHENE WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	2023/12/05	0.0005	mg/L	No
<b>Arsenic</b>	2023/12/05	0.001	mg/L	No
<b>Barium</b>	2023/12/05	0.0143	mg/L	No
<b>Boron</b>	2023/12/05	0.002	mg/L	No
<b>Cadmium</b>	2023/12/05	0.0001	mg/L	No
<b>Chromium</b>	2023/12/05	0.0023	mg/L	No
<b>Mercury</b>	2023/12/05	0.0001	mg/L	No
<b>Selenium</b>	2023/12/05	0.00057	mg/L	No
<b>Uranium</b>	2023/12/05	0.001	mg/L	No
<b>Nitrite</b>	2025/03/04	0.05	mg/L	No
	2025/06/03	0.05	mg/L	No
	2025/09/02	0.05	mg/L	No
	2025/12/01	0.05	mg/L	No

<b>Nitrate</b>	2025/03/04	2.59	mg/L	No
	2025/06/03	2.8	mg/L	No
	2025/09/02	2.56	mg/L	No
	2025/12/01	2.79	mg/L	No

**WELL B - KENNETH WELL** Off Line

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>				
<b>Arsenic</b>				
<b>Barium</b>				
<b>Boron</b>				
<b>Cadmium</b>				
<b>Chromium</b>				
<b>Mercury</b>				
<b>Selenium</b>				
<b>Uranium</b>				
<b>Nitrite</b>				
<b>Nitrate</b>				

**WELL C - PHILIPPE WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	2023/12/05	0.0005	mg/L	No
<b>Arsenic</b>	2023/12/05	0.0013	mg/L	No
<b>Barium</b>	2023/12/05	0.0103	mg/L	No
<b>Boron</b>	2023/12/05	0.002	mg/L	No
<b>Cadmium</b>	2023/12/05	0.0001	mg/L	No
<b>Chromium</b>	2023/12/05	0.0019	mg/L	No
<b>Mercury</b>	2023/12/05	0.0001	mg/L	No
<b>Selenium</b>	2023/12/05	0.0002	mg/L	No
<b>Uranium</b>	2023/12/05	0.001	mg/L	No
<b>Nitrite</b>	2025/03/04	0.05	mg/L	No
	2025/06/03	0.05	mg/L	No
	2025/09/02	0.05	mg/L	No
	2025/12/01	0.05	mg/L	No
<b>Nitrate</b>	2025/03/04	1.03	mg/L	No
	2025/06/03	0.961	mg/L	No
	2025/09/02	0.504	mg/L	No
	2025/12/01	0.514	mg/L	No

**WELL D - FROST WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	2023/12/06	0.0005	mg/L	No
Arsenic	2023/12/06	0.0018	mg/L	No
Barium	2023/12/06	0.0377	mg/L	No
Boron	2023/12/06	0.002	mg/L	No
Cadmium	2023/12/06	0.0001	mg/L	No
Chromium	2023/12/06	0.001	mg/L	No
Mercury	2023/12/06	0.0001	mg/L	No
Selenium	2023/12/06	0.00021	mg/L	No
Uranium	2023/12/06	0.001	mg/L	No
Nitrite	2025/03/04	0.05	mg/L	No
	2025/06/03	0.05	mg/L	No
	2025/09/03	0.05	mg/L	No
	2025/12/02	0.05	mg/L	No
Nitrate	2025/03/04	0.555	mg/L	No
	2025/06/03	0.713	mg/L	No
	2025/09/03	0.63	mg/L	No
	2025/12/02	0.49	mg/L	No
Sodium	2025/12/02	21.80	mg/L	Yes
	2025/12/23	21.00	mg/L	Yes

**WELL E - NOTRE DAME WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	2023/12/05	0.0005	mg/L	No
Arsenic	2023/12/05	0.001	mg/L	No
Barium	2023/12/05	0.0146	mg/L	No
Boron	2023/12/05	0.002	mg/L	No
Cadmium	2023/12/05	0.0001	mg/L	No
Chromium	2023/12/05	0.0012	mg/L	No
Mercury	2023/12/05	0.0001	mg/L	No
Selenium	2023/12/05	0.0002	mg/L	No
Uranium	2023/12/05	0.001	mg/L	No
Nitrite	2025/03/04	0.05	mg/L	No
	2025/06/03	0.05	mg/L	No
	2025/09/02	0.05	mg/L	No
	2025/12/01	0.05	mg/L	No
Nitrate	2025/03/04	1.39	mg/L	No
	2025/06/03	1.59	mg/L	No
	2025/09/02	1.39	mg/L	No
	2025/12/01	1.33	mg/L	No

**WELL F - LINDEN WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
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<b>Antimony</b>	2023/12/06	0.0005	mg/L	No
<b>Arsenic</b>	2023/12/06	0.002	mg/L	No
<b>Barium</b>	2023/12/06	0.0234	mg/L	No
<b>Boron</b>	2023/12/06	0.002	mg/L	No
<b>Cadmium</b>	2023/12/06	0.0001	mg/L	No
<b>Chromium</b>	2023/12/06	0.001	mg/L	No
<b>Mercury</b>	2023/12/06	0.0001	mg/L	No
<b>Selenium</b>	2023/12/06	0.0004	mg/L	No
<b>Uranium</b>	2023/12/06	0.001	mg/L	No
<b>Nitrite</b>	2025/03/04	0.05	mg/L	No
	2025/06/04	0.05	mg/L	No
	2025/09/02	0.05	mg/L	No
	2025/12/02	0.05	mg/L	No
<b>Nitrate</b>	2025/03/04	0.26	mg/L	No
	2025/06/04	0.38	mg/L	No
	2025/09/02	0.24	mg/L	No
	2025/12/02	0.16	mg/L	No
<b>Sodium</b>	2025/12/02	14.40	mg/L	No

**WELL G - PHARAND WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	2023/12/06	0.0005	mg/L	No
<b>Arsenic</b>	2023/12/06	0.0026	mg/L	No
<b>Barium</b>	2023/12/06	0.061	mg/L	No
<b>Boron</b>	2023/12/06	0.0051	mg/L	No
<b>Cadmium</b>	2023/12/06	0.0001	mg/L	No
<b>Chromium</b>	2023/12/06	0.001	mg/L	No
<b>Mercury</b>	2023/12/06	0.0001	mg/L	No
<b>Selenium</b>	2023/12/06	0.00047	mg/L	No
<b>Uranium</b>	2023/12/06	0.001	mg/L	No
<b>Nitrite</b>	2025/03/04	0.05	mg/L	No
	2025/06/04	0.05	mg/L	No
	2025/09/03	0.05	mg/L	No
	2025/12/02	0.05	mg/L	No
<b>Nitrate</b>	2025/03/04	3.32	mg/L	No
	2025/06/04	3.72	mg/L	No
	2025/09/03	3.25	mg/L	No
	2025/12/02	3.03	mg/L	No
<b>Sodium</b>	2025/12/02	94.30	mg/L	Yes

**WELL H - MICHELLE WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	2023/12/05	0.0005	mg/L	No
<b>Arsenic</b>	2023/12/05	0.0013	mg/L	No
<b>Barium</b>	2023/12/05	0.0178	mg/L	No
<b>Boron</b>	2023/12/05	0.002	mg/L	No
<b>Cadmium</b>	2023/12/05	0.0001	mg/L	No
<b>Chromium</b>	2023/12/05	0.0016	mg/L	No
<b>Mercury</b>	2023/12/05	0.0001	mg/L	No
<b>Selenium</b>	2023/12/05	0.00021	mg/L	No

<b>Uranium</b>	2023/12/05	0.001	mg/L	No
<b>Nitrite</b>	2025/03/04	0.05	mg/L	No
	2025/06/04	0.05	mg/L	No
	2025/09/02	0.05	mg/L	No
	2025/12/01	0.05	mg/L	No
<b>Nitrate</b>	2025/03/04	1.79	mg/L	No
	2025/06/04	2.31	mg/L	No
	2025/09/02	1.88	mg/L	No
	2025/12/01	1.72	mg/L	No
<b>Sodium</b>	2025/12/05	32.30	mg/L	Yes

**WELL I - I WELL** Off Line

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>				
<b>Arsenic</b>				
<b>Barium</b>				
<b>Boron</b>				
<b>Cadmium</b>				
<b>Chromium</b>				
<b>Mercury</b>				
<b>Selenium</b>				
<b>Uranium</b>				
<b>Nitrite</b>				
<b>Nitrate</b>				

**WELL J - Capreol**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
<b>Antimony</b>	2023/12/06	0.0005	mg/L	No
<b>Arsenic</b>	2023/12/06	0.001	mg/L	No
<b>Barium</b>	2023/12/06	0.0166	mg/L	No
<b>Boron</b>	2023/12/06	0.002	mg/L	No
<b>Cadmium</b>	2023/12/06	0.0001	mg/L	No
<b>Chromium</b>	2023/12/06	0.001	mg/L	No
<b>Mercury</b>	2023/12/06	0.0001	mg/L	No
<b>Selenium</b>	2023/12/06	0.0002	mg/L	No
<b>Uranium</b>	2023/12/06	0.001	mg/L	No
<b>Nitrite</b>	NA			

Nitrate	NA			

**WELL M - Capreol**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	2024/12/11	0.0005	mg/L	No
Arsenic	2024/12/11	0.001	mg/L	No
Barium	2024/12/11	0.034	mg/L	No
Boron	2024/12/11	0.002	mg/L	No
Cadmium	2024/12/11	0.0001	mg/L	No
Chromium	2024/12/11	0.001	mg/L	No
Mercury	2024/12/11	0.0001	mg/L	No
Selenium	2024/12/11	0.0002	mg/L	No
Uranium	2024/12/11	0.001	mg/L	No
Nitrite	2025/12/24	<0.05	mg/L	No
Nitrate	2025/12/24	0.17	mg/L	No
Sodium	2024/12/11	7.20	mg/L	No

**WELL Q- CHENIER**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	2023/12/06	0.0005	mg/L	No
Arsenic	2023/12/06	0.001	mg/L	No
Barium	2023/12/06	0.0249	mg/L	No
Boron	2023/12/06	0.002	mg/L	No
Cadmium	2023/12/06	0.0001	mg/L	No
Chromium	2023/12/06	0.001	mg/L	No
Mercury	2023/12/06	0.0001	mg/L	No
Selenium	2023/12/06	0.00059	mg/L	No
Uranium	2023/12/06	0.001	mg/L	No
Nitrite	2025/03/04	0.05	mg/L	No
	2025/06/03	0.05	mg/L	No
	2025/09/02	0.05	mg/L	No
	2025/12/02	0.05	mg/L	No
Nitrate	2025/03/04	1.46	mg/L	No
	2025/06/03	1.89	mg/L	No
	2025/09/02	1.01	mg/L	No
	2025/12/02	1.38	mg/L	No
Sodium	2025/12/02	14.80	mg/L	No

**WELL R**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	2023/12/06	0.0005	mg/L	No
Arsenic	2023/12/06	0.0011	mg/L	No
Barium	2023/12/06	0.0228	mg/L	No
Boron	2023/12/06	0.002	mg/L	No
Cadmium	2023/12/06	0.0001	mg/L	No
Chromium	2023/12/06	0.001	mg/L	No
Mercury	2023/12/06	0.0001	mg/L	No
Selenium	2023/12/06	0.00041	mg/L	No
Uranium	2023/12/06	0.001	mg/L	No
Nitrite	2025/03/04	0.05	mg/L	No
	2025/06/03	0.05	mg/L	No
	2025/12/02	0.05	mg/L	No
Nitrate	2025/03/04	0.33	mg/L	No
	2025/06/03	0.31	mg/L	No
	2025/12/02	0.2	mg/L	No
Sodium	2025/12/02	27.50	mg/L	Yes

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

Location Type	Number of Samples	Range of Lead Results (min#) - (max#)	Number of Exceedances
Plumbing	NA		
Distribution	8	0.0001 - 0.0004 mg/L	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM (NOTE: show latest annual average)	2025	0.0084	mg/L	No
HAA (NOTE: show latest annual average)	2025	0.008	mg/L	No

**WELL A - DESCHENE WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/05	0.000277	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/05	0.0005	mg/L	No
Azinphos-methyl	2023/12/05	0.000207	mg/L	No
Benzene	2023/12/05	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/05	0.000009	mg/L	No
Bromoxynil	2023/12/05	0.0000931	mg/L	No
Carbaryl	2023/12/05	0.002	mg/L	No
Carbofuran	2023/12/05	0.003	mg/L	No

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Carbon Tetrachloride	2023/12/05	0.0002	mg/L	No
Chlorpyrifos	2023/12/05	0.000207	mg/L	No
Diazinon	2023/12/05	0.000207	mg/L	No
Dicamba	2023/12/05	0.0000815	mg/L	No
1,2-Dichlorobenzene	2023/12/05	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/05	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/05	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/05	0.0003	mg/L	No
Dichloromethane	2023/12/05	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/05	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/05	0.000349	mg/L	No
Diclofop-methyl	2023/12/05	0.000116	mg/L	No
Dimethoate	2023/12/05	0.000207	mg/L	No
Diquat	2023/12/05	0.0002	mg/L	No
Diuron	2023/12/05	0.01	mg/L	No
Glyphosate	2023/12/05	0.02	mg/L	No
Malathion	2023/12/05	0.000207	mg/L	No
Metolachlor	2023/12/05	0.000138	mg/L	No
Metribuzin	2023/12/05	0.000138	mg/L	No
Monochlorobenzene	2023/12/05	0.0005	mg/L	No
Paraquat	2023/12/05	0.0002	mg/L	No
Pentachlorophenol	2023/12/05	0.0003	mg/L	No
Phorate	2023/12/05	0.000138	mg/L	No
Picloram	2023/12/05	0.0000815	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/05	0.00006	mg/L	No
Prometryne	2023/12/05	0.0000692	mg/L	No
Simazine	2023/12/05	0.000207	mg/L	No
Terbufos	2023/12/05	0.000138	mg/L	No
Tetrachloroethylene	2023/12/05	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/05	0.0003	mg/L	No
Triallate	2023/12/05	0.000138	mg/L	No
Trichloroethylene	2023/12/05	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/05	0.0002	mg/L	No
Trifluralin	2023/12/05	0.000138	mg/L	No
Vinyl Chloride	2023/12/05	0.0001	mg/L	No
MCPA	2023/12/05	0.00582	mg/L	No

**WELL B - KENNETH WELL** Off Line

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor				
Atrazine + N-dealkylated metabolites				
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				
Malathion				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
Terbufos				
Tetrachloroethylene				
2,3,4,6-Tetrachlorophenol				
Triallate				
Trichloroethylene				
2,4,6-Trichlorophenol				
Trifluralin				
Vinyl Chloride				
MCPA				

**WELL C - PHILIPPE WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/05	0.000253	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/05	0.0005	mg/L	No
Azinphos-methyl	2023/12/05	0.000189	mg/L	No
Benzene	2023/12/05	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/05	0.000009	mg/L	No
Bromoxynil	2023/12/05	0.0000917	mg/L	No
Carbaryl	2023/12/05	0.002	mg/L	No
Carbofuran	2023/12/05	0.003	mg/L	No
Carbon Tetrachloride	2023/12/05	0.0002	mg/L	No
Chlorpyrifos	2023/12/05	0.000189	mg/L	No
Diazinon	2023/12/05	0.000189	mg/L	No
Dicamba	2023/12/05	0.0000802	mg/L	No
1,2-Dichlorobenzene	2023/12/05	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/05	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/05	0.0002	mg/L	No

1,1-Dichloroethylene (vinylidene chloride)	2023/12/05	0.0003	mg/L	No
Dichloromethane	2023/12/05	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/05	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/05	0.000344	mg/L	No
Diclofop-methyl	2023/12/05	0.000115	mg/L	No
Dimethoate	2023/12/05	0.000189	mg/L	No
Diquat	2023/12/05	0.0002	mg/L	No
Diuron	2023/12/05	0.01	mg/L	No
Glyphosate	2023/12/05	0.02	mg/L	No
Malathion	2023/12/05	0.000189	mg/L	No
Metolachlor	2023/12/05	0.000126	mg/L	No
Metribuzin	2023/12/05	0.000126	mg/L	No
Monochlorobenzene	2023/12/05	0.0005	mg/L	No
Paraquat	2023/12/05	0.0002	mg/L	No
Pentachlorophenol	2023/12/05	0.0003	mg/L	No
Phorate	2023/12/05	0.000126	mg/L	No
Picloram	2023/12/05	0.0000802	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/05	0.00006	mg/L	No
Prometryne	2023/12/05	0.0000631	mg/L	No
Simazine	2023/12/05	0.000189	mg/L	No
Terbufos	2023/12/05	0.000126	mg/L	No
Tetrachloroethylene	2023/12/05	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/05	0.0003	mg/L	No
Triallate	2023/12/05	0.000126	mg/L	No
Trichloroethylene	2023/12/05	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/05	0.0002	mg/L	No
Trifluralin	2023/12/05	0.000126	mg/L	No
Vinyl Chloride	2023/12/05	0.0001	mg/L	No
MCPA	2023/12/05	0.00573	mg/L	No

**WELL D - FROST WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/06	0.000236	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/06	0.0005	mg/L	No
Azinphos-methyl	2023/12/06	0.000177	mg/L	No
Benzene	2023/12/06	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/06	0.00001	mg/L	No
Bromoxynil	2023/12/06	0.0000949	mg/L	No
Carbaryl	2023/12/06	0.002	mg/L	No
Carbofuran	2023/12/06	0.003	mg/L	No
Carbon Tetrachloride	2023/12/06	0.0002	mg/L	No
Chlorpyrifos	2023/12/06	0.000177	mg/L	No
Diazinon	2023/12/06	0.000177	mg/L	No
Dicamba	2023/12/06	0.000083	mg/L	No
1,2-Dichlorobenzene	2023/12/06	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/06	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/06	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/06	0.0003	mg/L	No
Dichloromethane	2023/12/06	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/06	0.0002	mg/L	No

2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/06	0.000356	mg/L	No
Diclofop-methyl	2023/12/06	0.000119	mg/L	No
Dimethoate	2023/12/06	0.000177	mg/L	No
Diquat	2023/12/06	0.0002	mg/L	No
Diuron	2023/12/06	0.01	mg/L	No
Glyphosate	2023/12/06	0.02	mg/L	No
Malathion	2023/12/06	0.000177	mg/L	No
Metolachlor	2023/12/06	0.000118	mg/L	No
Metribuzin	2023/12/06	0.000118	mg/L	No
Monochlorobenzene	2023/12/06	0.0005	mg/L	No
Paraquat	2023/12/06	0.0002	mg/L	No
Pentachlorophenol	2023/12/06	0.0003	mg/L	No
Phorate	2023/12/06	0.000118	mg/L	No
Picloram	2023/12/06	0.000083	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/06	0.00006	mg/L	No
Prometryne	2023/12/06	0.0000591	mg/L	No
Simazine	2023/12/06	0.000177	mg/L	No
Terbufos	2023/12/06	0.000118	mg/L	No
Tetrachloroethylene	2023/12/06	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/06	0.0002	mg/L	No
Triallate	2023/12/06	0.000118	mg/L	No
Trichloroethylene	2023/12/06	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/06	0.0002	mg/L	No
Trifluralin	2023/12/06	0.000118	mg/L	No
Vinyl Chloride	2023/12/06	0.0001	mg/L	No
MCPA	2023/12/06	0.00593	mg/L	No

**WELL E - NOTRE DAME WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/05	0.000275	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/05	0.0005	mg/L	No
Azinphos-methyl	2023/12/05	0.000206	mg/L	No
Benzene	2023/12/05	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/05	0.000009	mg/L	No
Bromoxynil	2023/12/05	0.000093	mg/L	No
Carbaryl	2023/12/05	0.002	mg/L	No
Carbofuran	2023/12/05	0.004	mg/L	No
Carbon Tetrachloride	2023/12/05	0.0002	mg/L	No
Chlorpyrifos	2023/12/05	0.000206	mg/L	No
Diazinon	2023/12/05	0.000206	mg/L	No
Dicamba	2023/12/05	0.0000813	mg/L	No
1,2-Dichlorobenzene	2023/12/05	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/05	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/05	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/05	0.0003	mg/L	No
Dichloromethane	2023/12/05	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/05	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/05	0.000349	mg/L	No
Diclofop-methyl	2023/12/05	0.000116	mg/L	No
Dimethoate	2023/12/05	0.000206	mg/L	No

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Diquat	2023/12/05	0.0002	mg/L	No
Diuron	2023/12/05	0.01	mg/L	No
Glyphosate	2023/12/05	0.02	mg/L	No
Malathion	2023/12/05	0.000206	mg/L	No
Metolachlor	2023/12/05	0.000138	mg/L	No
Metribuzin	2023/12/05	0.000138	mg/L	No
Monochlorobenzene	2023/12/05	0.0005	mg/L	No
Paraquat	2023/12/05	0.0002	mg/L	No
Pentachlorophenol	2023/12/05	0.0003	mg/L	No
Phorate	2023/12/05	0.000138	mg/L	No
Picloram	2023/12/05	0.0000813	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/05	0.00006	mg/L	No
Prometryne	2023/12/05	0.0000688	mg/L	No
Simazine	2023/12/05	0.000206	mg/L	No
Terbufos	2023/12/05	0.000138	mg/L	No
Tetrachloroethylene	2023/12/05	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/05	0.0003	mg/L	No
Triallate	2023/12/05	0.000138	mg/L	No
Trichloroethylene	2023/12/05	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/05	0.0002	mg/L	No
Trifluralin	2023/12/05	0.000138	mg/L	No
Vinyl Chloride	2023/12/05	0.0001	mg/L	No
MCPA	2023/12/05	0.00581	mg/L	No

### WELL F - LINDEN WELL

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/06	0.000228	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/06	0.0005	mg/L	No
Azinphos-methyl	2023/12/06	0.000171	mg/L	No
Benzene	2023/12/06	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/06	0.00001	mg/L	No
Bromoxynil	2023/12/06	0.0000916	mg/L	No
Carbaryl	2023/12/06	0.002	mg/L	No
Carbofuran	2023/12/06	0.003	mg/L	No
Carbon Tetrachloride	2023/12/06	0.0002	mg/L	No
Chlorpyrifos	2023/12/06	0.000171	mg/L	No
Diazinon	2023/12/06	0.000171	mg/L	No
Dicamba	2023/12/06	0.0000802	mg/L	No
1,2-Dichlorobenzene	2023/12/06	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/06	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/06	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/06	0.0003	mg/L	No
Dichloromethane	2023/12/06	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/06	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/06	0.00103	mg/L	No
Diclofop-methyl	2023/12/06	0.000115	mg/L	No
Dimethoate	2023/12/06	0.000171	mg/L	No
Diquat	2023/12/06	0.0002	mg/L	No
Diuron	2023/12/06	0.01	mg/L	No
Glyphosate	2023/12/06	0.02	mg/L	No
Malathion	2023/12/06	0.000171	mg/L	No

Metolachlor	2023/12/06	0.000114	mg/L	No
Metribuzin	2023/12/06	0.000114	mg/L	No
Monochlorobenzene	2023/12/06	0.0005	mg/L	No
Paraquat	2023/12/06	0.0002	mg/L	No
Pentachlorophenol	2023/12/06	0.0003	mg/L	No
Phorate	2023/12/06	0.000114	mg/L	No
Picloram	2023/12/06	0.0000802	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/06	0.00006	mg/L	No
Prometryne	2023/12/06	0.0000571	mg/L	No
Simazine	2023/12/06	0.000171	mg/L	No
Terbufos	2023/12/06	0.000114	mg/L	No
Tetrachloroethylene	2023/12/06	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/06	0.0002	mg/L	No
Triallate	2023/12/06	0.000114	mg/L	No
Trichloroethylene	2023/12/06	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/06	0.0002	mg/L	No
Trifluralin	2023/12/06	0.000114	mg/L	No
Vinyl Chloride	2023/12/06	0.0001	mg/L	No
MCPA	2023/12/06	0.00573	mg/L	No

**WELL G - PHARAND WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/06	0.000233	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/06	0.0005	mg/L	No
Azinphos-methyl	2023/12/06	0.000175	mg/L	No
Benzene	2023/12/06	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/06	0.00001	mg/L	No
Bromoxynil	2023/12/06	0.0000939	mg/L	No
Carbaryl	2023/12/06	0.002	mg/L	No
Carbofuran	2023/12/06	0.003	mg/L	No
Carbon Tetrachloride	2023/12/06	0.0002	mg/L	No
Chlorpyrifos	2023/12/06	0.000175	mg/L	No
Diazinon	2023/12/06	0.000175	mg/L	No
Dicamba	2023/12/06	0.0000822	mg/L	No
1,2-Dichlorobenzene	2023/12/06	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/06	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/06	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/06	0.0003	mg/L	No
Dichloromethane	2023/12/06	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/06	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/06	0.000352	mg/L	No
Diclofop-methyl	2023/12/06	0.000117	mg/L	No
Dimethoate	2023/12/06	0.000175	mg/L	No
Diquat	2023/12/06	0.0002	mg/L	No
Diuron	2023/12/06	0.01	mg/L	No
Glyphosate	2023/12/06	0.02	mg/L	No
Malathion	2023/12/06	0.000175	mg/L	No
Metolachlor	2023/12/06	0.000117	mg/L	No
Metribuzin	2023/12/06	0.000117	mg/L	No
Monochlorobenzene	2023/12/06	0.0005	mg/L	No
Paraquat	2023/12/06	0.0002	mg/L	No

Pentachlorophenol	2023/12/06	0.0003	mg/L	No
Phorate	2023/12/06	0.000117	mg/L	No
Picloram	2023/12/06	0.0000822	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/06	0.00006	mg/L	No
Prometryne	2023/12/06	0.0000583	mg/L	No
Simazine	2023/12/06	0.000175	mg/L	No
Terbufos	2023/12/06	0.000117	mg/L	No
Tetrachloroethylene	2023/12/06	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/06	0.0002	mg/L	No
Triallate	2023/12/06	0.000117	mg/L	No
Trichloroethylene	2023/12/06	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/06	0.0002	mg/L	No
Trifluralin	2023/12/06	0.000117	mg/L	No
Vinyl Chloride	2023/12/06	0.0001	mg/L	No
MCPA	2023/12/06	0.00587	mg/L	No

**WELL H - MICHELLE WELL**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/05	0.000264	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/05	0.0005	mg/L	No
Azinphos-methyl	2023/12/05	0.000198	mg/L	No
Benzene	2023/12/05	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/05	0.00001	mg/L	No
Bromoxynil	2023/12/05	0.0000956	mg/L	No
Carbaryl	2023/12/05	0.002	mg/L	No
Carbofuran	2023/12/05	0.004	mg/L	No
Carbon Tetrachloride	2023/12/05	0.0002	mg/L	No
Chlorpyrifos	2023/12/05	0.000198	mg/L	No
Diazinon	2023/12/05	0.000198	mg/L	No
Dicamba	2023/12/05	0.0000837	mg/L	No
1,2-Dichlorobenzene	2023/12/05	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/05	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/05	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/05	0.0003	mg/L	No
Dichloromethane	2023/12/05	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/05	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/05	0.000359	mg/L	No
Diclofop-methyl	2023/12/05	0.00012	mg/L	No
Dimethoate	2023/12/05	0.000198	mg/L	No
Diquat	2023/12/05	0.0002	mg/L	No
Diuron	2023/12/05	0.01	mg/L	No
Glyphosate	2023/12/05	0.02	mg/L	No
Malathion	2023/12/05	0.000198	mg/L	No
Metolachlor	2023/12/05	0.000132	mg/L	No
Metribuzin	2023/12/05	0.000132	mg/L	No
Monochlorobenzene	2023/12/05	0.0005	mg/L	No
Paraquat	2023/12/05	0.0002	mg/L	No
Pentachlorophenol	2023/12/05	0.0003	mg/L	No
Phorate	2023/12/05	0.000132	mg/L	No
Picloram	2023/12/05	0.0000837	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/05	0.00006	mg/L	No

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Prometryne	2023/12/05	0.0000661	mg/L	No
Simazine	2023/12/05	0.000198	mg/L	No
Terbufos	2023/12/05	0.000132	mg/L	No
Tetrachloroethylene	2023/12/05	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/05	0.0003	mg/L	No
Triallate	2023/12/05	0.000132	mg/L	No
Trichloroethylene	2023/12/05	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/05	0.0002	mg/L	No
Trifluralin	2023/12/05	0.000132	mg/L	No
Vinyl Chloride	2023/12/05	0.0001	mg/L	No
MCPA	2023/12/05	0.00598	mg/L	No

**WELL I - I WELL**      Off Line

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor				
Atrazine + N-dealkylated metabolites				
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				
Malathion				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
Terbufos				
Tetrachloroethylene				

2,3,4,6-Tetrachlorophenol				
Triallate				
Trichloroethylene				
2,4,6-Trichlorophenol				
Trifluralin				
Vinyl Chloride				
MCPA				

**WELL M - Capreol**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2024/12/11	0.000273	mg/L	No
Atrazine + N-dealkylated metabolites	2024/12/11	0.0005	mg/L	No
Azinphos-methyl	2024/12/11	0.000205	mg/L	No
Benzene	2024/12/11	0.0001	mg/L	No
Benzo(a)pyrene	2024/12/11	0.00001	mg/L	No
Bromoxynil	2024/12/11	0.00011	mg/L	No
Carbaryl	2024/12/11	0.002	mg/L	No
Carbofuran	2024/12/11	0.004	mg/L	No
Carbon Tetrachloride	2024/12/11	0.0002	mg/L	No
Chlorpyrifos	2024/12/11	0.000205	mg/L	No
Diazinon	2024/12/11	0.000205	mg/L	No
Dicamba	2024/12/11	0.000096	mg/L	No
1,2-Dichlorobenzene	2024/12/11	0.0002	mg/L	No
1,4-Dichlorobenzene	2024/12/11	0.0003	mg/L	No
1,2-Dichloroethane	2024/12/11	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2024/12/11	0.0003	mg/L	No
Dichloromethane	2024/12/11	0.001	mg/L	No
2-4 Dichlorophenol	2024/12/11	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2024/12/11	0.000411	mg/L	No
Diclofop-methyl	2024/12/11	0.000137	mg/L	No
Dimethoate	2024/12/11	0.000205	mg/L	No
Diquat	2024/12/11	0.0002	mg/L	No
Diuron	2024/12/11	0.007	mg/L	No
Glyphosate	2024/12/11	0.02	mg/L	No
Malathion	2024/12/11	0.000205	mg/L	No
Metolachlor	2024/12/11	0.000136	mg/L	No
Metribuzin	2024/12/11	0.000136	mg/L	No
Monochlorobenzene	2024/12/11	0.0005	mg/L	No
Paraquat	2024/12/11	0.0002	mg/L	No
Pentachlorophenol	2024/12/11	0.0003	mg/L	No
Phorate	2024/12/11	0.000136	mg/L	No
Picloram	2024/12/11	0.000096	mg/L	No
Polychlorinated Biphenyls(PCB)	2024/12/11	0.00006	mg/L	No
Prometryne	2024/12/11	0.0000682	mg/L	No
Simazine	2024/12/11	0.000205	mg/L	No
Terbufos	2024/12/11	0.000136	mg/L	No
Tetrachloroethylene	2024/12/11	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2024/12/11	0.0003	mg/L	No
Triallate	2024/12/11	0.000136	mg/L	No
Trichloroethylene	2024/12/11	0.0002	mg/L	No
2,4,6-Trichlorophenol	2024/12/11	0.0002	mg/L	No

Trifluralin	2024/12/11	0.000136	mg/L	No
Vinyl Chloride	2024/12/11	0.0001	mg/L	No
MCPA	2024/12/11	0.00686	mg/L	No

**WELL J - Capreol**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/06	0.00023	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/06	0.0005	mg/L	No
Azinphos-methyl	2023/12/06	0.000172	mg/L	No
Benzene	2023/12/06	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/06	0.00001	mg/L	No
Bromoxynil	2023/12/06	0.0000947	mg/L	No
Carbaryl	2023/12/06	0.002	mg/L	No
Carbofuran	2023/12/06	0.003	mg/L	No
Carbon Tetrachloride	2023/12/06	0.0002	mg/L	No
Chlorpyrifos	2023/12/06	0.000172	mg/L	No
Diazinon	2023/12/06	0.000172	mg/L	No
Dicamba	2023/12/06	0.0000829	mg/L	No
1,2-Dichlorobenzene	2023/12/06	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/06	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/06	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/06	0.0003	mg/L	No
Dichloromethane	2023/12/06	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/06	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/06	0.000355	mg/L	No
Diclofop-methyl	2023/12/06	0.000118	mg/L	No
Dimethoate	2023/12/06	0.000172	mg/L	No
Diquat	2023/12/06	0.0002	mg/L	No
Diuron	2023/12/06	0.01	mg/L	No
Glyphosate	2023/12/06	0.02	mg/L	No
Malathion	2023/12/06	0.000172	mg/L	No
Metolachlor	2023/12/06	0.000115	mg/L	No
Metribuzin	2023/12/06	0.000115	mg/L	No
Monochlorobenzene	2023/12/06	0.0005	mg/L	No
Paraquat	2023/12/06	0.0002	mg/L	No
Pentachlorophenol	2023/12/06	0.0003	mg/L	No
Phorate	2023/12/06	0.000115	mg/L	No
Picloram	2023/12/06	0.0000829	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/06	0.00006	mg/L	No
Prometryne	2023/12/06	0.0000574	mg/L	No
Simazine	2023/12/06	0.000172	mg/L	No
Terbufos	2023/12/06	0.000115	mg/L	No
Tetrachloroethylene	2023/12/06	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/06	0.0002	mg/L	No
Triallate	2023/12/06	0.000115	mg/L	No
Trichloroethylene	2023/12/06	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/06	0.0002	mg/L	No
Trifluralin	2023/12/06	0.000115	mg/L	No
Vinyl Chloride	2023/12/06	0.0001	mg/L	No
MCPA	2023/12/06	0.00592	mg/L	No

**WELL Q- CHENIER**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/06	0.00024	mg/L	No
Atrazine + N-dealkylated metabolites	2023/12/06	0.0005	mg/L	No
Azinphos-methyl	2023/12/06	0.00018	mg/L	No
Benzene	2023/12/06	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/06	0.00001	mg/L	No
Bromoxynil	2023/12/06	0.0000959	mg/L	No
Carbaryl	2023/12/06	0.002	mg/L	No
Carbofuran	2023/12/06	0.004	mg/L	No
Carbon Tetrachloride	2023/12/06	0.0002	mg/L	No
Chlorpyrifos	2023/12/06	0.00018	mg/L	No
Diazinon	2023/12/06	0.00018	mg/L	No
Dicamba	2023/12/06	0.0000839	mg/L	No
1,2-Dichlorobenzene	2023/12/06	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/06	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/06	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/06	0.0003	mg/L	No
Dichloromethane	2023/12/06	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/06	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/06	0.000359	mg/L	No
Diclofop-methyl	2023/12/06	0.00012	mg/L	No
Dimethoate	2023/12/06	0.00018	mg/L	No
Diquat	2023/12/06	0.0002	mg/L	No
Diuron	2023/12/06	0.01	mg/L	No
Glyphosate	2023/12/06	0.02	mg/L	No
Malathion	2023/12/06	0.00018	mg/L	No
Metolachlor	2023/12/06	0.00012	mg/L	No
Metribuzin	2023/12/06	0.00012	mg/L	No
Monochlorobenzene	2023/12/06	0.0005	mg/L	No
Paraquat	2023/12/06	0.0002	mg/L	No
Pentachlorophenol	2023/12/06	0.0003	mg/L	No
Phorate	2023/12/06	0.00012	mg/L	No
Picloram	2023/12/06	0.0000839	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/06	0.00006	mg/L	No
Prometryne	2023/12/06	0.0000601	mg/L	No
Simazine	2023/12/06	0.00018	mg/L	No
Terbufos	2023/12/06	0.00012	mg/L	No
Tetrachloroethylene	2023/12/06	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/06	0.0002	mg/L	No
Triallate	2023/12/06	0.00012	mg/L	No
Trichloroethylene	2023/12/06	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/06	0.0002	mg/L	No
Trifluralin	2023/12/06	0.00012	mg/L	No
Vinyl Chloride	2023/12/06	0.0001	mg/L	No
MCPA	2023/12/06	0.00599	mg/L	No

**WELL R**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	2023/12/06	0.000233	mg/L	No

Atrazine + N-dealkylated metabolites	2023/12/06	0.0005	mg/L	No
Azinphos-methyl	2023/12/06	0.000175	mg/L	No
Benzene	2023/12/06	0.0001	mg/L	No
Benzo(a)pyrene	2023/12/06	0.00001	mg/L	No
Bromoxynil	2023/12/06	0.0000939	mg/L	No
Carbaryl	2023/12/06	0.002	mg/L	No
Carbofuran	2023/12/06	0.004	mg/L	No
Carbon Tetrachloride	2023/12/06	0.0002	mg/L	No
Chlorpyrifos	2023/12/06	0.000175	mg/L	No
Diazinon	2023/12/06	0.000175	mg/L	No
Dicamba	2023/12/06	0.0000821	mg/L	No
1,2-Dichlorobenzene	2023/12/06	0.0002	mg/L	No
1,4-Dichlorobenzene	2023/12/06	0.0003	mg/L	No
1,2-Dichloroethane	2023/12/06	0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	2023/12/06	0.0003	mg/L	No
Dichloromethane	2023/12/06	0.001	mg/L	No
2-4 Dichlorophenol	2023/12/06	0.0002	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2023/12/06	0.000352	mg/L	No
Diclofop-methyl	2023/12/06	0.000117	mg/L	No
Dimethoate	2023/12/06	0.000175	mg/L	No
Diquat	2023/12/06	0.0002	mg/L	No
Diuron	2023/12/06	0.01	mg/L	No
Glyphosate	2023/12/06	0.02	mg/L	No
Malathion	2023/12/06	0.000175	mg/L	No
Metolachlor	2023/12/06	0.000117	mg/L	No
Metribuzin	2023/12/06	0.000117	mg/L	No
Monochlorobenzene	2023/12/06	0.0005	mg/L	No
Paraquat	2023/12/06	0.0002	mg/L	No
Pentachlorophenol	2023/12/06	0.0003	mg/L	No
Phorate	2023/12/06	0.000117	mg/L	No
Picloram	2023/12/06	0.0000821	mg/L	No
Polychlorinated Biphenyls(PCB)	2023/12/06	0.00006	mg/L	No
Prometryne	2023/12/06	0.0000583	mg/L	No
Simazine	2023/12/06	0.000175	mg/L	No
Terbufos	2023/12/06	0.000117	mg/L	No
Tetrachloroethylene	2023/12/06	0.0003	mg/L	No
2,3,4,6-Tetrachlorophenol	2023/12/06	0.0002	mg/L	No
Triallate	2023/12/06	0.000117	mg/L	No
Trichloroethylene	2023/12/06	0.0002	mg/L	No
2,4,6-Trichlorophenol	2023/12/06	0.0002	mg/L	No
Trifluralin	2023/12/06	0.000117	mg/L	No
Vinyl Chloride	2023/12/06	0.0001	mg/L	No
MCPA	2023/12/06	0.00587	mg/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	UOM	Date of Sample	Location
NA				

**(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)**



## Section 8

Vermilion Distribution Water System

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

**Part III Form 2**  
**Section 11. ANNUAL REPORT.**

<b>Drinking-Water System Number:</b>	260006789
<b>Drinking-Water System</b>	Vermilion Distribution System
<b>Drinking-Water System Owner:</b>	City of Greater Sudbury
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	From 2025-01-01 To 2025-12-31

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>www.greatersudbury.ca TDS-Engineering Department</p> </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served: <input style="width: 80px;" type="text" value="0"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Number of Interested Authorities you report to: <input style="width: 80px;" type="text" value="0"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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**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
Atikameksheng Anishnawbek	

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  No

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

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

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library/Citizen Service Centre
- Public access/notice via other method \_\_\_\_\_

### Describe your Drinking-Water System

The City of Greater Sudbury purchases water from Vale to supply the Vermilion Distribution System. The City owned distribution system supplies the communities of Lively, Naughton, Whitefish and Copper Cliff. Additional service was provided in 2005 to supply Atikameksheng Anishnawbek, formerly known as the Whitefish First Nations Reserve. Water is treated by Vale at the Vermilion Water Treatment Plant to comply with O. Reg. 170/03. The City of Greater Sudbury has the responsibility of water quality monitoring within the Vermilion Distribution. The system includes the Walden water storage tank and Walden metering chamber; both located in the Walden Industrial Park and includes an online continuous chlorine analyzer.

### List all water treatment chemicals used over this reporting period

No chemical addition. Distribution system only.

### Were any significant expenses incurred to?

- Install required equipment
- Repair required equipment
- Replace required equipment

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

NA

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

**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**

AWQI #	Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
NA						

**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 #)
<b>Distribution</b>	270	0 to 0	0 to 0	65	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 #)
<b>Chlorine Residual Distribution System</b>	8,760	0.18 - 2.29

***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 or order or other legal instrument.**

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
NA				

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

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

Location Type	Number of Samples	Range of Lead Results (min#) - (max#)	Number of Exceedances
Plumbing	NA		
Distribution	9	0.0001 - 0.0001 mg/L	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM (NOTE: show latest annual average)	2025	0.0785	mg/L	No
HAA (NOTE: show latest annual average)	2025	0.052	mg/L	No

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor				
Atrazine + N-dealkylated metabolites				
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				
Malathion				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
Terbufos				
Tetrachloroethylene				
2,3,4,6-Tetrachlorophenol				
Triallate				
Trichloroethylene				
2,4,6-Trichlorophenol				
Trifluralin				
Vinyl Chloride				
MCPA				

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

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	UOM	Date of Sample	Location

(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)