2025 SECTION 11 ANNUAL REPORT

SNOW VALLEY DRINKING WATER SYSTEM

For the period of
January 1st, 2025 to December 31st, 2025

Prepared for the Corporation of the Township of Springwater by the Ontario Clean Water Agency

Township of Springwater

OCWA
ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

This report was prepared in accordance with the requirements of *O.Reg 170/03, Section 11, Annual reports* for the following system and reporting period:

Drinking Water System Number:	260048204
Drinking Water System Name:	Snow Valley Highlands Drinking Water System
Drinking Water System Owner:	The Corporation of the Township of Springwater
Drinking Water System Category:	Large Municipal Residential
Reporting Period:	January 1, 2025 – December 31, 2025

Does the Drinking Water System serve more than 10,000 people?

No

Is the Annual Report available to the public at no charge on a website on the Internet?

Yes

Note: If a large municipal residential system serves more than 10,000 people, the owner of the system shall ensure that a copy of every report prepared under this section is available to the public at no charge on a website on the Internet. O. Reg. 170/03, Section 11. (10)

Location where Summary Report required under O. Reg 170/03, Schedule 22 will be available for inspection. *(O. Reg 170/03, Section 11.(6)(f)):*

- Township of Springwater Municipal Office 2231 Nursery Road, Minesing
- https://www.springwater.ca/en/living-here/water-quality-and-testing.aspx

Note: This is required for large municipal residential systems or small municipal residential systems.

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

Drinking Water System Name	Drinking Water System Number
N/A	N/A

Is a copy of the annual report provided to all Drinking Water System owners that are connected to this system and to whom this system provides all of its drinking water?

N/A

How system users are notified that the annual report is available, and is free of charge. *(O.Reg 170/03, Section 11.(7))*

X	Public access/notice via the web
X	Public access/notice via Government Office
	Public access/notice via a newspaper

X	Public access/notice via Public Request
	Public access/notice via a Public Library
	Public access/notice via other method:

Note: The owner of a drinking water system shall ensure that a copy of an annual report for the system is given, without charge, to every person who requests a copy. ((O.Reg 170/03, Section 11.(7)):

Description of Drinking Water System *(O.Reg 170/03, Section 11.(6)(a)):*

The Snow Valley Highlands Drinking Water System is classified as a Class III Water Distribution and Supply Subsystem. It is categorized as a Large Municipal Residential system under O.Reg 170/03, servicing an approximate population of 3,978 persons. The system is supplied by four drilled groundwater wells at two separate locations/pumphouses- the Old Snow Valley Pumphouse/Water Treatment Plant and the Snow Valley Highlands Pumphouse/Water Treatment Plant. Treated water storage is available on site at the Old Snow Valley Pumphouse, with additional storage available at the Snow Valley Environmental Pumphouse, and the Centre Vespra Pumphouse.

<u>Old Snow Valley Pumphouse/Water Treatment Plant</u>
Raw water is supplied by two groundwater wells (Well #1 and Well #2) and directed to the Old Snow Valley Water Treatment Plant. Raw water is treated with Polyphosphate (for iron and manganese sequestration) and Sodium Hypochlorite (for primary and secondary disinfection). Contact time is provided by one grade level contact tank (reservoir) which also provides storage. Online equipment continuously monitors and records free chlorine, flowrates and well levels. The Pumphouse is also equipped with standby power in the event of a power failure.

<u>Snow Valley Highlands Booster/Water Treatment Plant</u>
Raw water is supplied by two groundwater wells (Wells #3 and #4) and directed to the Snow Valley Highlands Booster Water Treatment Plant. Raw water is treated with Sodium Silicate (for iron sequestration) and Sodium Hypochlorite (for primary and secondary disinfection). Contact time is achieved through a contact main that travels uphill to the Snow Valley Environmental Pumphouse where the treated water is stored. Online equipment continuously monitors and records free chlorine, flowrates and well levels. The Pumphouse is also equipped with standby power in the event of a power failure.

<u>Snow Valley Environmental Centre Pumphouse</u>
Treated water sent from the Snow Valley Highlands Booster Treatment Plant is sent to the Snow Valley Environmental Centre and stored in two above ground standpipes (water storage towers). A chlorine residual analyzer monitors distribution free chlorine residual. Three highlift pumps redistributes drinking water into the Snow Valley DWS by directing it either downhill, back to the Snow Valley Highlands Booster Pumphouse and into the lower distribution pressure zone or to the Centre Vespra Pumphouse (high-pressure zone).

Centre Vespra Pumphouse & Rechlorination Facility

The treated water is distributed to the Centre Vespra Pumphouse from the Snow Valley Highlands Environmental Pumphouse. The Centre Vespra Pumphouse has the ability to provide re-chlorination if necessary. Water is stored in two-above ground glass-lined storage tanks and then distributed via three high lift pumps to the users of the Stonemanor Subdivision. Online equipment continuously monitors distribution free chlorine residual and flows. The pumphouse is equipped with standby power in the event of a power failure.

List of water treatment chemicals used by the system during the reporting period *(O.Reg 170/03, Section 11.(6)(a)):*

- Sodium Hypochlorite, 12%
- Sodium Silicate
- Polyphosphate

Significant expenses were incurred to:

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

Description of major expenses during the reporting period to install, repair or replace required equipment *(O.Reg 170/03, Section 11.(6)(e)):*

- Generator repairs Old Snow Valley – Transfer switch breaker

Summary of any reports/notices submitted to the Ministry and/or Spills Action Centre in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg 170/03 during the reporting period, including a description of any corrective actions taken under Schedule 17 or 18 *(O. Reg 170/03, Section 11.(6)(b),(d):*

Incident Date (yyyy/mm/dd)	**Parameter/ Notice of**	**Result & Unit**	**Reporting Summary, Corrective Actions & Resolution**
N/A	N/A	N/A	N/A

Table 1. Microbiological testing done under the Schedule 10, 11 or 12 (as applicable) of O.Reg 170/03 during this reporting period *(O.Reg 170/03, Section 11.(6)(c)).*

Location	Number of Samples	Range of E. Coli or Fecal Results		Range of Total Coliform Results		Number of HPC Samples	Range of HPC Samples	
		Min.	Max.	Min.	Max.		Min.	Max.
RW – Well #1[1A]	52	0	0	0	0	N/A	N/A	N/A
RW – Well #2[1A]	52	0	0	0	0	N/A	N/A	N/A
RW – Well #3[1A]	52	0	0	0	0	N/A	N/A	N/A
RW – Well #4[1A]	52	0	0	0	0	N/A	N/A	N/A
TW1 – Old Snow Valley[1B]	52	0	0	0	0	52	<10	10
TW2 – Highlands[1B]	52	0	0	0	0	52	<10	10
Distribution[1C]	156	0	0	0	0	102	<10	30

Note: RW = Raw Water, TW = Treated Water, HPC = Heterotrophic Plate Count

Note: Units for E.Coli or Fecal Results are cfu/100 mL, units for Total Coliform Results are cfu/100 mL, units for HPC results are cfu/1mL

[1A]O.Reg 170/03, Schedule 10-4. (1)(3) requires for a large municipal residential system that a water sample is taken at least once every week from the drinking water system's raw water, before any treatment is applied to the water and tested for E.Coli and total coliforms.

[1B]O Reg 170/03, Schedule 10-3 requires for a large municipal residential system that a treated water sample is taken at least once every week and tested for E.Coli, total coliforms and general bacteria population expressed as colony counts on a heterotrophic count (HPC). [1C]O.Reg. 170/03 Schedule 10-2.(1)(2)(3) requires that a system that serves 100,000 people or less, at least eight distribution samples, plus one additional sample for every 1,000 people served by the system to be taken every month, with at least one of the samples being taken in each week and be tested for E.Coli, Total Coliforms. At least 25 percent of the samples required must be tested for general bacteria population expressed as colony counts on heterotrophic plate count (HPC). The number of people served by the system is 3,978 (as confirmed with the Owner on December 12, 2024), and therefore requires at minimum eleven (11) distribution samples per month.

Table 2. Operational testing done under Schedule 7, 8 or 9 (as applicable) O. Reg 170/03 during the period covered by this Annual Report *(O. Reg 170/03, Section 11.(6)(c)).*

Parameter & Location	Number of Samples	Range of Results	
		Min.	Max.
Turbidity, In-House (NTU) – Well #1[2A]	12	0.17	0.48
Turbidity, In-House (NTU) – Well #2[2A]	12	0.12	0.49
Turbidity, In-House (NTU) – Well #3[2A]	12	0.13	0.44
Turbidity, In-House (NTU) – Well #4[2A]	12	0.23	0.54
Free Chlorine Residual, Continuous (mg/L) – TW1[2B]	8760	0.32[2D]	3.82[2E]
Free Chlorine Residual, Continuous (mg/L) – TW2[2B]	8760	0.50	1.92

Parameter & Location	Number of Samples	Range of Results	
		Min.	Max.
Free Chlorine Residual, Grab (mg/L) – Distribution[2C]	367	0.82	1.56
Free Chlorine Residual, Continuous (mg/L) – Distribution-Centre Vespra Pumphouse[2C]	8760	0.68	1.63

Note: TW = Treated Water, TW1 = Old Snow Valley, TW2 = Snow Valley Highlands

Note: The number of samples used for continuous monitoring units is 8760.

[2A]O.Reg 170/03 Schedule 7-3.(1)(1.1) requires a raw water sample be taken at least once every month from each well that is supplying water to the system and tested for turbidity.

[2B]O.Reg 170/03 Schedule 7-2.(1) requires a drinking water system that provides chlorination for primary disinfection to sample and test for free chlorine residual with continuous monitoring equipment in the treatment process at or near a location where the intended contact time has just been completed.

[2C]O.Reg 170/03 Schedule 7-2.(3) requires a large municipal residential system that provides secondary disinfection to take at least seven distribution samples each week and immediately tested for free chlorine residual, if the system provides chlorination and does not provide chloramination. Secondary disinfection at Snow Valley Highlands DWS is monitored via an online continuous free chlorine distribution analyzer at the Centre Vespra Pumphouse, as permitted under the regulation, in addition to taking seven samples per week.

[2D]July 1, 2025 - Low chlorine residual event occurred due to issue with the chlorine pump. Safeguards in place functioned as intended and the wells locked out. OCWA cleaned the chlorine pumps, and flushed reservoir to ensure only fully disinfected water was present. Once it was confirmed that free chlorine residual readings were at adequate levels to confirm required disinfection requirements were met, the wells were placed back online.

[2E]March 30, 2025- High chlorine readings due to power outage. When wells ran the chlorine went back to normal levels.

Table 3. Summary of additional testing and sampling results carried out in accordance with the requirement of an approval, municipal drinking water licence or order (including OWRA) or other legal instrument during the reporting period and if tests required under this Regulation in respect of a parameter were not required during that period, summarize the most recent results of tests of that parameter *(O. Reg 170/03, Section 11.(6)(c)):*

Legal Instrument & Issue Date (yyyy/mm/dd)	Parameter	Date Sampled (yyyy/mm/dd)	Result	Unit of Measure
N/A	N/A	N/A	N/A	N/A

Table 4. Summary of Inorganic parameters tested during this reporting period or the most recent sample results *(O.Reg 170/03, Section 11.(6)(c))*

Parameter & Location	Sample Date[4A] (yyyy/mm/dd)	Sample Result	Maximum Allowable Concentration (MAC)	Exceedance of MAC
Antimony: Sb (µg/L) – TW1	2024/02/20	< MDL 0.6	6.0	No
Antimony: Sb (µg/L) – TW2	2024/02/20	< MDL 0.6	6.0	No
Arsenic: As (µg/L) – TW1	2024/02/20	0.4	10.0	No
Arsenic: As (µg/L) – TW2	2024/02/20	0.4	10.0	No
Barium: Ba (µg/L) – TW1	2024/02/20	105	1000.0	No
Barium: Ba (µg/L) – TW2	2024/02/20	84.7	1000.0	No
Boron: B (µg/L) – TW1	2024/02/20	22	5000.0	No
Boron: B (µg/L) – TW2	2024/02/20	33	5000.0	No
Cadmium: Cd (µg/L) – TW1	2024/02/20	< MDL 0.003	5.0	No
Cadmium: Cd (µg/L) – TW2	2024/02/20	< MDL 0.003	5.0	No
Chromium: Cr (µg/L) – TW1	2024/02/20	0.18	50.0	No
Chromium: Cr (µg/L) – TW2	2024/02/20	0.13	50.0	No
Mercury: Hg (µg/L) – TW1	2024/02/20	< MDL 0.01	1.0	No
Mercury: Hg (µg/L) – TW2	2024/02/20	< MDL 0.01	1.0	No
Selenium: Se (µg/L) – TW1	2024/02/20	0.04	50.0	No
Selenium: Se (µg/L) – TW2	2024/02/20	< MDL 0.04	50.0	No
Uranium: U (µg/L) – TW1	2024/02/20	0.107	20.0	No
Uranium: U (µg/L) – TW2	2024/02/20	0.125	20.0	No
Fluoride (mg/L) – TW1	2023/05/15[4B]	0.12	1.5	No
Fluoride (mg/L) – TW2	2023/05/15[4B]	0.13	1.5	No
Nitrite (mg/L) – TW1	2025/02/11	< MDL 0.003	1.0	No
Nitrite (mg/L) – TW1	2025/05/20	< MDL 0.003	1.0	No
Nitrite (mg/L) – TW1	2025/08/19	< MDL 0.003	1.0	No
Nitrite (mg/L) – TW1	2025/11/10	< MDL 0.003	1.0	No
Nitrite (mg/L) – TW2	2025/02/11	< MDL 0.003	1.0	No
Nitrite (mg/L) – TW2	2025/05/20	< MDL 0.003	1.0	No
Nitrite (mg/L) – TW2	2025/08/19	< MDL 0.003	1.0	No
Nitrite (mg/L) – TW2	2025/11/10	< MDL 0.003	1.0	No
Nitrate (mg/L) – TW1	2025/02/11	< MDL 0.006	10.0	No
Nitrate (mg/L) – TW1	2025/05/20	< MDL 0.006	10.0	No
Nitrate (mg/L) – TW1	2025/08/19	< MDL 0.006	10.0	No
Nitrate (mg/L) – TW1	2025/11/10	< MDL 0.006	10.0	No
Nitrate (mg/L) – TW2	2025/02/11	0.01	10.0	No
Nitrate (mg/L) – TW2	2025/05/20	0.008	10.0	No
Nitrate (mg/L) – TW2	2025/08/19	0.009	10.0	No
Nitrate (mg/L) – TW2	2025/11/10	0.008	10.0	No

Note: TW = Treated Water, TW1 = Old Snow Valley, TW2 = Highlands Snow Valley, DW = Distribution Water, MDL = Minimum Detection Limit, MAC = Maximum Allowable Concentration

[4A]The owner of a large municipal residential system shall ensure that at least one water sample for inorganics is taken every 36 months, if the system obtains water from a raw water supply that is ground water (O.Reg 170/03, Schedule 13-2(1)(b)) The last set of samples were collected and tested in 2024, the next set of samples are scheduled to be collected and tested in 2027.

[4B]Fluoride is reportable every 60 months. The most recent Fluoride samples were tested in 2023, the next set of samples is scheduled to be tested in 2028.

Parameter & Location	Sample Date (yyyy/mm/dd)	Sample Result	Aesthetic Objective (AO)	Exceedance	
				AO	> 20 mg/L
Sodium: Na (mg/L) - TW1	2023/05/15[4C]	13.4	200	No	No
Sodium: Na (mg/L) - TW2	2023/05/15[4C]	13.2	200	No	No

Note: MDL = Minimum Detection Limit, TW = Treated Water, TW1 = Old Snow Valley, TW2 = Highlands Snow Valley

Note: There is no regulatory Maximum Allowable Concentration (MAC) Sodium. The aesthetic objective (AO) for sodium in drinking water is 200 mg/L. The local Medical Officer of Health should be notified when the sodium concentration exceeds 20 mg/L so that this information may be communicated to local physicians for their use with patients on sodium restricted diets.

[4C]Sodium is reportable every 60 months. The most recent Sodium samples were tested in 2023, the next set of samples is scheduled to be tested in 2028.

Table 5: Summary of lead testing under Schedule 15.1 during this reporting period *(O.Reg 170/03, Section 11.(6)(g))*

Location/Type & Parameter	Number of Samples[5A]	Range of Results		Number of Lead Exceedances
		Min.	Max.	MAC = 10 µg/L
Period: January 1 to April 15				
Plumbing – Lead (µg/L)[5B]	N/A	N/A	N/A	N/A
Distribution – Lead (µg/L)[5C]	N/A	N/A	N/A	N/A
Distribution – Alkalinity (mg/L as $CaCO_3$)	3	207	243	N/A
Distribution – pH	3	7.60	7.80	N/A
Period: June 15 to October 15				
Plumbing – Lead (µg/L)[5B]	N/A	N/A	N/A	N/A
Distribution – Lead (µg/L)[5C]	N/A	N/A	N/A	N/A
Distribution – Alkalinity (mg/L as $CaCO_3$)	3	205	218	N/A
Distribution – pH	3	7.00	7.00	N/A
Period: December 15 to 31				
Plumbing – Lead (µg/L)[5B]	N/A	N/A	N/A	N/A
Distribution – Lead (µg/L)[5C]	N/A	N/A	N/A	N/A
Distribution – Alkalinity (mg/L as $CaCO_3$)	N/A	N/A	N/A	N/A
Distribution – pH	N/A	N/A	N/A	N/A

Note: this is required for large municipal residential systems, small municipal residential systems or non-municipal year-round residential system. (O.Reg 170/03, Section 11.(6)(g))

[5A]The number of sampling points for the system is based on the population served by the system. The number of people served by the system is 3,978 persons (as confirmed with the Owner on December 12, 2024) and therefore requires three (3) distribution sampling points per sampling period.

[5B]Plumbing samples are not applicable as this system qualifies for the plumbing exemption per O. Reg 170/03 Schedule 15.1-5 (9) (10).

[5C]This system follows a reduced sampling schedule (O.Reg 170/03, Section 15.1.5). Distribution lead samples are collected every 36 months. The most recent set of distribution lead samples were collected within the winter period of December 15, 2023 to April 15, 2024 and summer period of June 15, 2024 to October 15, 2024. The next set of distribution lead samples is scheduled to be collected within the winter period of December 15, 2026 to April 15, 2027 and summer period of June 15, 2027 to October 15, 2027.

Table 6: Summary of Organic parameters sampled during this reporting period or the most recent sample results *(O.Reg 170/03, Section 11.(6)(c)).*

Parameter & Location	Sample Date (yyyy/mm/dd)	Sample Result	Maximum Allowable Concentration (MAC)	Exceedance of MAC
1,1-Dichloroethylene (ug/L)-TW1	2024/02/20	< MDL 0.33	14	No
1,2-Dichlorobenzene (ug/L)-TW1	2024/02/20	< MDL 0.41	200	No
1,2-Dichloroethane (ug/L)-TW1	2024/02/20	< MDL 0.35	5	No
1,4-Dichlorobenzene (ug/L)-TW1	2024/02/20	< MDL 0.36	5	No
2,3,4,6-Tetrachlorophenol (ug/L)-TW1	2024/02/20	< MDL 0.2	100	No
2,4,6-Trichlorophenol (ug/L)-TW1	2024/02/20	< MDL 0.25	5	No
2,4-Dichlorophenol (ug/L)-TW1	2024/02/20	< MDL 0.15	900	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L)-TW1	2024/02/20	< MDL 0.19	100	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (ug/L)-TW1	2024/02/20	< MDL 0.12	100	No
Alachlor (ug/L) -TW1	2024/02/20	< MDL 0.02	5	No
Atrazine + N-dealkylated metabolites (ug/L)-TW1	2024/02/20	< MDL 0.01	5	No
Azinphos-methyl (ug/L)-TW1	2024/02/20	< MDL 0.05	20	No
Benzene (ug/L)-TW1	2024/02/20	< MDL 0.32	1	No
Benzo(a)pyrene (ug/L)-TW1	2024/02/20	< MDL 0.004	0.01	No
Bromoxynil (ug/L)-TW1	2024/02/20	< MDL 0.33	5	No
Carbaryl (ug/L)-TW1	2024/02/20	< MDL 0.05	90	No
Carbofuran (ug/L) -TW1	2024/02/20	< MDL 0.01	90	No
Carbon Tetrachloride (ug/L) -TW1	2024/02/20	< MDL 0.17	2	No
Chlorpyrifos (ug/L) -TW1	2024/02/20	< MDL 0.02	90	No
Diazinon (ug/L)-TW1	2024/02/20	< MDL 0.02	20	No
Dicamba (ug/L)-TW1	2024/02/20	< MDL 0.2	120	No

Dichloromethane (Methylene Chloride) (ug/L)-TW1	2024/02/20	< MDL 0.35	50	No
Diclofop-methyl (ug/L)-TW1	2024/02/20	< MDL 0.4	9	No
Dimethoate (ug/L)-TW1	2024/02/20	< MDL 0.06	20	No
Diquat (ug/L)-TW1	2024/02/20	< MDL 1	70	No
Diuron (ug/L)-TW1	2024/02/20	< MDL 0.03	150	No
Glyphosate (ug/L)-TW1	2024/02/20	< MDL 1	280	No
Malathion (ug/L)-TW1	2024/02/20	< MDL 0.02	190	No
Metolachlor (ug/L)-TW1	2024/02/20	< MDL 0.01	50	No
Metribuzin (ug/L)-TW1	2024/02/20	< MDL 0.02	80	No
Monochlorobenzene (Chlorobenzene) (ug/L)-TW1	2024/02/20	< MDL 0.3	80	No
Paraquat (ug/L)-TW1	2024/02/20	< MDL 1	10	No
PCB (ug/L)-TW1	2024/02/20	< MDL 0.04	3	No
Pentachlorophenol (ug/L)-TW1	2024/02/20	< MDL 0.15	60	No
Phorate (ug/L)-TW1	2024/02/20	< MDL 0.01	2	No
Picloram (ug/L)-TW1	2024/02/20	< MDL 1	190	No
Prometryne (ug/L)-TW1	2024/02/20	< MDL 0.03	1	No
Simazine (ug/L)-TW1	2024/02/20	< MDL 0.01	10	No
Terbufos (ug/L)-TW1	2024/02/20	< MDL 0.01	1	No
Tetrachloroethylene (ug/L)-TW1	2024/02/20	< MDL 0.35	10	No
Triallate (ug/L) -TW1	2024/02/20	< MDL 0.01	230	No
Trichloroethylene (ug/L)-TW1	2024/02/20	< MDL 0.44	5	No
Trifluralin (ug/L)-TW1	2024/02/20	< MDL 0.02	45	No
Vinyl Chloride (ug/L)-TW1	2024/02/20	< MDL 0.17	1	No
1,1-Dichloroethylene (ug/L)-TW2	2024/02/20	< MDL 0.33	14	No
1,2-Dichlorobenzene (ug/L)-TW2	2024/02/20	< MDL 0.41	200	No
1,2-Dichloroethane (ug/L)-TW2	2024/02/20	< MDL 0.35	5	No
1,4-Dichlorobenzene (ug/L)-TW2	2024/02/20	< MDL 0.36	5	No
2,3,4,6-Tetrachlorophenol (ug/L)-TW2	2024/02/20	< MDL 0.2	100	No
2,4,6-Trichlorophenol (ug/L)-TW2	2024/02/20	< MDL 0.25	5	No
2,4-Dichlorophenol (ug/L)-TW2	2024/02/20	< MDL 0.15	900	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L)-TW2	2024/02/20	< MDL 0.19	100	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (ug/L)-TW2	2024/02/20	< MDL 0.12	100	No
Alachlor (ug/L) -TW2	2024/02/20	< MDL 0.02	5	No
Atrazine + N-dealkylated metabolites (ug/L)-TW2	2024/02/20	< MDL 0.01	5	No
Azinphos-methyl (ug/L)-TW2	2024/02/20	< MDL 0.05	20	No
Benzene (ug/L)-TW2	2024/02/20	< MDL 0.32	1	No
Benzo(a)pyrene (ug/L)-TW2	2024/02/20	< MDL 0.004	0.01	No
Bromoxynil (ug/L)-TW2	2024/02/20	< MDL 0.33	5	No
Carbaryl (ug/L)-TW2	2024/02/20	< MDL 0.05	90	No

Carbofuran (ug/L) -TW2	2024/02/20	< MDL 0.01	90	No
Carbon Tetrachloride (ug/L) -TW2	2024/02/20	< MDL 0.17	2	No
Chlorpyrifos (ug/L) -TW2	2024/02/20	< MDL 0.02	90	No
Diazinon (ug/L)-TW2	2024/02/20	< MDL 0.02	20	No
Dicamba (ug/L)-TW2	2024/02/20	< MDL 0.2	120	No
Dichloromethane (Methylene Chloride) (ug/L)-TW2	2024/02/20	< MDL 0.35	50	No
Diclofop-methyl (ug/L)-TW2	2024/02/20	< MDL 0.4	9	No
Dimethoate (ug/L)-TW2	2024/02/20	< MDL 0.06	20	No
Diquat (ug/L)-TW2	2024/02/20	< MDL 1	70	No
Diuron (ug/L)-TW2	2024/02/20	< MDL 0.03	150	No
Glyphosate (ug/L)-TW2	2024/02/20	< MDL 1	280	No
Malathion (ug/L)-TW2	2024/02/20	< MDL 0.02	190	No
Metolachlor (ug/L)-TW2	2024/02/20	< MDL 0.01	50	No
Metribuzin (ug/L)-TW2	2024/02/20	< MDL 0.02	80	No
Monochlorobenzene (Chlorobenzene) (ug/L)-TW2	2024/02/20	< MDL 0.3	80	No
Paraquat (ug/L)-TW2	2024/02/20	< MDL 1	10	No
PCB (ug/L)-TW2	2024/02/20	< MDL 0.04	3	No
Pentachlorophenol (ug/L)-TW2	2024/02/20	< MDL 0.15	60	No
Phorate (ug/L)-TW2	2024/02/20	< MDL 0.01	2	No
Picloram (ug/L)-TW2	2024/02/20	< MDL 1	190	No
Prometryne (ug/L)-TW2	2024/02/20	< MDL 0.03	1	No
Simazine (ug/L)-TW2	2024/02/20	< MDL 0.01	10	No
Terbufos (ug/L)-TW2	2024/02/20	< MDL 0.01	1	No
Tetrachloroethylene (ug/L)-TW2	2024/02/20	< MDL 0.35	10	No
Triallate (ug/L) -TW2	2024/02/20	< MDL 0.01	230	No
Trichloroethylene (ug/L)-TW2	2024/02/20	< MDL 0.44	5	No
Trifluralin (ug/L)-TW2	2024/02/20	< MDL 0.02	45	No
Vinyl Chloride (ug/L)-TW2	2024/02/20	< MDL 0.17	1	No
Trihalomethane: Total (ug/L) Annual Average-DW	4 Quarters (2025)	18.50	100.0	No
HAA Total (ug/L) Annual Average-DW	4 Quarters (2025)	9.66	80	No

Note: TW = Treated Water, TW1 = Old Snow Valley, TW2 = Highlands Snow Valley, DW = Distribution Water, MDL = Minimum Detection Limit, MAC = Maximum Allowable Concentration, HAA = Haloacetic Acids

[6A]*Organic Parameters (Schedule 24) are required to be tested every 36 months for a large municipal residential system, if the system obtains water from a raw water supply that is ground water (O. Reg 170/03 Schedule 13-4.(1b)). The last set of samples was collected and tested in 2024, the next set of samples is scheduled to be collected and tested in 2027.*

Table 7: List of Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards for the reporting period.

Parameter & Location	**Sample Date** (yyyy/mm/dd)	**Sample Result**
N/A	N/A	N/A