



**OPTIONAL ANNUAL REPORT TEMPLATE**

<b>Drinking-Water System Number:</b>	220000059
<b>Drinking-Water System Name:</b>	Palmerston Drinking Water System
<b>Drinking-Water System Owner:</b>	Town of Minto
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	January 1, 2025 to December 31, 2025

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p><b>Does your Drinking-Water System serve more than 10,000 people? Yes [ ] No [<input checked="" type="checkbox"/>]</b></p> <p><b>Is your annual report available to the public at no charge on a web site on the Internet? Yes [<input checked="" type="checkbox"/>] No [ ]</b></p> <p><b>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</b></p> <div style="border: 1px solid black; padding: 5px;"> <p>Town of Minto 5941 Hwy #89 R.R. #1 Harriston, ON NOG 1Z0</p> </div>	<p><b><u>Complete for all other Categories.</u></b></p> <p><b>Number of Designated Facilities served:</b></p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">N/A</div> <p><b>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [ ] No [ ]</b></p> <p><b>Number of Interested Authorities you report to:</b></p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">N/A</div> <p><b>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [<input checked="" type="checkbox"/>] No [ ]</b></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:**

<b>Drinking Water System Name</b>	<b>Drinking Water System Number</b>
Palmerston Drinking Water System	220000059

**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**                      Town of Minto Website
- Public access/notice via Government Offices**
- Public access/notice via a newspaper**
- Public access/notice via Public Request**
- Public access/notice via a Public Library**
- Public access/notice via other method**              Tax Letter

**Describe your Drinking-Water System**

Palmerston is serviced by a waterworks that consists of: four drilled bedrock wells, two pumphouses, an elevated 2500 m3 steel storage tank and a distribution network of watermain, ranging in diameter from 100 mm to 350 mm. In the event of a prolonged power outage, a portable generator is available to either pumphouse to supply back-up power.

The bedrock wells are equipped with submersible pumps that discharge directly into the William Street pumphouse (Wells #1 and #2) and the Whites Road pumphouse (Well #3 and #4). In the pumphouse, the raw water supply is injected with 12% sodium hypochlorite for disinfection and the chemical PW1680, for iron sequestering. The treated water leaves the pumphouse and enters an underground contact pipe and is discharged into the distribution system after adequate contact time is achieved.

The wells are controlled (start/stop) automatically based on elevated storage tank liquid levels and pressures in the distribution system. Each pumphouse is equipped with alarms for free chlorine low and high residuals (and corresponding lockout of well pumps), low water level and intrusion. Each pumphouse has continuous monitoring analyzers for chlorine with lockouts and alarms.

SCADA provides continuous monitoring of the Palmerston Drinking Water System.

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

- 12% Sodium Hypochlorite (disinfectant)
- PW1680 (sequestering agent)

**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**

To continually meet the requirements of O. Reg. 170/03, upgrades, installations and replacement of various system components have been completed. However, maintaining the system includes repair and replacement of individual components as required.

**2025 Capital Expenses**

- \$ 110,555 – on Well Exploration
- \$ 8,060 – Well # 3 Flow Meter Replacement
- \$ 4,060 – to Complete Whites Road Watermain Replacement
- \$ 10,890 – to Complete Derby Street Watermain Replacement
- \$ 114,465 – Engineering for Watermain Replacement – Main Street

**Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre**

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date

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

		Number of Samples	Range of Total Coliform Results (min #)-(max #)	Range of E.Coli Or Fecal Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
<b>Raw</b>	Well 1	52	0 - 0	0 - 0	N/A	N/A
	Well 2	52	0 - 0	0 - 0	N/A	N/A
	Well 3	52	0 - 0	0 - 0	N/A	N/A
	Well 4	52	0 - 0	0 - 0	N/A	N/A
<b>Treated</b>	Well 1	52	0 - 0	0 - 0	52	< 10 - 10
	Well 2	52	0 - 0	0 - 0	52	< 10 - NDOGHPC
	Well 3	52	0 - 0	0 - 0	52	< 10 - 60
	Well 4	52	0 - 0	0 - 0	52	< 10 - NDOGHPC
<b>Distribution</b>		208	0 - 0	0 - 0	208	< 10 - NDOGHPC

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

		Number of Samples	Range of Results (min #)-(max #)	Unit of Measure
<b>Turbidity Raw</b>	Well 1	54	0.28 - 0.81	NTU
	Well 2	57	0.14 - 0.57	NTU
	Well 3	56	0.21 - 0.89	NTU
	Well 4	55	0.21 - 0.69	NTU
<b>Chlorine</b>	Well 1	359	1.02 - 1.61	mg/L
	Well 2	362	0.85 - 1.74	mg/L
	Well 3	316	0.89 - 1.77	mg/L
	Well 4	365	0.72 - 1.65	mg/L
	Distribution	562	0.57 - 1.40	mg/L
<b>Fluoride (If the DWS provides fluoridation)</b>				

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



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

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
N/A	N/A	N/A	N/A	N/A

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

**Palmerston Well #1**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	08/05/25	< 0.6	ug/L	No
Arsenic	08/05/25	6.2	7ug/L	No
Arsenic	15/08/25	4.5	7ug/L	No
Arsenic	14/11/25	4.1	7ug/L	No
Barium	08/05/25	96.1	ug/L	No
Boron	08/05/25	40	ug/L	No
Cadmium	08/05/25	0.004	ug/L	No
Chromium	08/05/25	0.09	ug/L	No
Manganese	08/08/25	43.1	ug/L	No
Mercury	08/05/25	0.02	ug/L	No
Selenium	08/05/25	0.20	ug/L	No
Sodium	08/05/25	22.4	mg/L	No
Uranium	08/05/25	0.586	ug/L	No
Fluoride	24/05/22	0.27	mg/L	No
Nitrite	19/03/25	< 0.003	mg/L	No
Nitrite	23/05/25	< 0.003	mg/L	No
Nitrite	15/08/25	< 0.003	mg/L	No
Nitrite	14/11/25	< 0.003	mg/L	No
Nitrate	19/03/25	0.291	mg/L	No
Nitrate	23/05/25	0.288	mg/L	No
Nitrate	15/08/25	0.294	mg/L	No
Nitrate	14/11/25	0.299	mg/L	No

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

**Palmerston Well #2**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	08/05/25	< 0.6	ug/L	No
Arsenic	08/05/25	3.7	ug/L	No
Barium	08/05/25	97.1	ug/L	No
Boron	08/05/25	39	ug/L	No
Cadmium	08/05/25	0.003	ug/L	No
Chromium	08/05/25	0.16	ug/L	No
Manganese	08/08/25	44.7	ug/L	No
Mercury	08/05/25	0.02	ug/L	No
Selenium	08/05/25	0.22	ug/L	No
Sodium	08/05/25	24.8	mg/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Uranium	08/05/25	0.425	ug/L	No
Fluoride	24/05/22	0.26	mg/L	No
Nitrite	19/03/25	< 0.003	mg/L	No
Nitrite	23/05/25	< 0.003	mg/L	No
Nitrite	15/08/25	< 0.003	mg/L	No
Nitrite	14/11/25	< 0.003	mg/L	No
Nitrate	19/03/25	0.364	mg/L	No
Nitrate	23/05/25	0.304	mg/L	No
Nitrate	15/08/25	0.304	mg/L	No
Nitrate	14/11/25	0.334	mg/L	No

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

**Palmerston Well #3**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	08/05/25	< 0.6	ug/L	No
Arsenic	08/05/25	1.5	ug/L	No
Barium	08/05/25	96.9	ug/L	No
Boron	08/05/25	18	ug/L	No
Cadmium	08/05/25	0.003	ug/L	No
Chromium	08/05/25	0.15	ug/L	No
Manganese	08/08/25	30.8	ug/L	No
Mercury	08/05/25	< 0.01	ug/L	No
Selenium	08/05/25	0.49	ug/L	No
Sodium	08/05/25	18.0	mg/L	No
Uranium	08/05/25	0.857	ug/L	No
Fluoride	24/05/22	0.24	mg/L	No
Nitrite	19/03/25	< 0.003	mg/L	No
Nitrite	23/05/25	< 0.003	mg/L	No
Nitrite	15/08/25	< 0.003	mg/L	No
Nitrite	14/11/25	< 0.003	mg/L	No
Nitrate	19/03/25	0.282	mg/L	No
Nitrate	23/05/25	0.279	mg/L	No
Nitrate	15/08/25	0.316	mg/L	No
Nitrate	14/11/25	0.279	mg/L	No

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

**Palmerston Well #4**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	08/05/25	< 0.6	ug/L	No
Arsenic	08/05/25	0.7	ug/L	No
Barium	08/05/25	87.0	ug/L	No
Boron	08/05/25	19	ug/L	No
Cadmium	08/05/25	< 0.003	ug/L	No
Chromium	08/05/25	0.13	ug/L	No
Manganese	08/08/25	41.4	ug/L	No
Mercury	08/05/25	<0.01	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Selenium	08/05/25	0.34	ug/L	No
Sodium	08/05/25	15.9	mg/L	No
Uranium	08/05/25	0.864	ug/L	No
Fluoride	24/05/22	0.27	mg/L	No
Nitrite	19/03/25	< 0.003	mg/L	No
Nitrite	23/05/25	< 0.003	mg/L	No
Nitrite	15/08/25	< 0.003	mg/L	No
Nitrite	14/11/25	< 0.003	mg/L	No
Nitrate	19/03/25	0.245	mg/L	No
Nitrate	23/05/25	0.250	mg/L	No
Nitrate	15/08/25	0.279	mg/L	No
Nitrate	14/11/25	0.241	mg/L	No

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

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

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Date	Number of Samples	Range of Lead Results (min#) – (max #)	Unit of Measure	Limit
Plumbing	Dec. 2013 – Apr. 2014	22	< 1.0 – < 1.0	ug/L	10
Distribution	Winter Dec. 15/22 – Apr. 15/23	2	0.04 – 0.08	ug/L	10
Distribution	Summer Jun. 15/23 – Oct. 15/23	2	0.02 – 0.03	ug/L	10

No adverse results were identified.

**Reduced Sampling**

Town of Minto is now exempt from plumbing sampling for lead due to less than 10% of plumbing results exceeded 10 ug/L.

Distribution sampling is still required every “winter” and “summer” period.

- each year for pH and alkalinity

- once every 3 years for lead

	Sample Date	Number of Samples	Range of Results (min) – (max)	Unit of Measure	Guideline
Winter Alkalinity	7/02/25	2	291 - 292	mg/L	30 - 500
Winter pH	7/02/25	2	7.13 – 7.25		6.5 – 8.5
Summer Alkalinity	31/07/25	2	279 – 290	mg/L	30 - 500
Summer pH	31/07/25	2	7.30 - 7.33		6.5 – 8.5

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

Palmerston Well #1

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	08/05/25	< 0.02	ug/L	No
Atrazine	08/05/25	< 0.01	ug/L	No



Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Atrazine + N-dealkylated metabolites	08/05/25	< 0.01	ug/L	No
Azinphos-methyl	08/05/25	< 0.05	ug/L	No
Benzene	08/05/25	< 0.32	ug/L	No
Benzo(a)pyrene	08/05/25	< 0.004	ug/L	No
Bromoxynil	08/05/25	< 0.33	ug/L	No
Carbaryl	08/05/25	< 0.05	ug/L	No
Carbofuran	08/05/25	< 0.01	ug/L	No
Carbon Tetrachloride	08/05/25	< 0.17	ug/L	No
Chlorpyrifos	08/05/25	< 0.02	ug/L	No
Desethyl Atrazine	08/05/25	< 0.01	ug/L	No
Diazinon	08/05/25	< 0.02	ug/L	No
Dicamba	08/05/25	< 0.2	ug/L	No
1,2-Dichlorobenzene	08/05/25	< 0.41	ug/L	No
1,4-Dichlorobenzene	08/05/25	< 0.36	ug/L	No
1,2-Dichloroethane	08/05/25	< 0.35	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	08/05/25	< 0.33	ug/L	No
Dichloromethane	08/05/25	< 0.35	ug/L	No
2-4 Dichlorophenol	08/05/25	< 0.15	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	08/05/25	< 0.19	ug/L	No
Diclofop-methyl	08/05/25	< 0.4	ug/L	No
Dimethoate	08/05/25	< 0.06	ug/L	No
Diquat	08/05/25	< 1.0	ug/L	No
Diuron	08/05/25	< 0.03	ug/L	No
Glyphosate	08/05/25	< 1.0	ug/L	No
Malathion	08/05/25	< 0.02	ug/L	No
MCPA	08/05/25	< 0.00012	mg/L	No
Metolachlor	08/05/25	< 0.01	ug/L	No
Metribuzin	08/05/25	< 0.02	ug/L	No
Monochlorobenzene	08/05/25	< 0.3	ug/L	No
Paraquat	08/05/25	< 1.0	ug/L	No
Pentachlorophenol	08/05/25	< 0.15	ug/L	No
Phorate	08/05/25	< 0.01	ug/L	No
Picloram	08/05/25	< 1.0	ug/L	No
Polychlorinated Biphenyls (PCBs) - Total	08/05/25	< 0.04	ug/L	No
Prometryne	08/05/25	< 0.03	ug/L	No
Simazine	08/05/25	< 0.01	ug/L	No
Terbufos	08/05/25	< 0.01	ug/L	No
Tetrachloroethylene (perchloroethylene)	08/05/25	< 0.35	ug/L	No
2,3,4,6-Tetrachlorophenol	08/05/25	< 0.20	ug/L	No
Triallate	08/05/25	< 0.01	ug/L	No
Trichloroethylene	08/05/25	< 0.44	ug/L	No
2,4,6-Trichlorophenol	08/05/25	< 0.25	ug/L	No
Trifluralin	08/05/25	< 0.02	ug/L	No
Vinyl Chloride	08/05/25	< 0.17	ug/L	No



Palmerston Well #2

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	08/05/25	< 0.02	ug/L	No
Atrazine	08/05/25	< 0.01	ug/L	No
Atrazine + N-dealkylated metabolites	08/05/25	< 0.01	ug/L	No
Azinphos-methyl	08/05/25	< 0.05	ug/L	No
Benzene	08/05/25	< 0.32	ug/L	No
Benzo(a)pyrene	08/05/25	< 0.004	ug/L	No
Bromoxynil	08/05/25	< 0.33	ug/L	No
Carbaryl	08/05/25	< 0.05	ug/L	No
Carbofuran	08/05/25	< 0.01	ug/L	No
Carbon Tetrachloride	08/05/25	< 0.17	ug/L	No
Chlorpyrifos	08/05/25	< 0.02	ug/L	No
Desethyl Atrazine	08/05/25	< 0.01	ug/L	No
Diazinon	08/05/25	< 0.02	ug/L	No
Dicamba	08/05/25	< 0.2	ug/L	No
1,2-Dichlorobenzene	08/05/25	< 0.41	ug/L	No
1,4-Dichlorobenzene	08/05/25	< 0.36	ug/L	No
1,2-Dichloroethane	08/05/25	< 0.35	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	08/05/25	< 0.33	ug/L	No
Dichloromethane	08/05/25	< 0.35	ug/L	No
2-4 Dichlorophenol	08/05/25	< 0.15	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	08/05/25	< 0.19	ug/L	No
Diclofop-methyl	08/05/25	< 0.4	ug/L	No
Dimethoate	08/05/25	< 0.06	ug/L	No
Diquat	08/05/25	< 1.0	ug/L	No
Diuron	08/05/25	< 0.03	ug/L	No
Glyphosate	08/05/25	< 1.0	ug/L	No
Malathion	08/05/25	< 0.02	ug/L	No
MCPA	08/05/25	< 0.00012	mg/L	No
Metolachlor	08/05/25	< 0.01	ug/L	No
Metribuzin	08/05/25	< 0.02	ug/L	No
Monochlorobenzene	08/05/25	< 0.3	ug/L	No
Paraquat	08/05/25	< 1.0	ug/L	No
Pentachlorophenol	08/05/25	< 0.15	ug/L	No
Phorate	08/05/25	< 0.01	ug/L	No
Picloram	08/05/25	< 1.0	ug/L	No
Polychlorinated Biphenyls (PCBs) - Total	08/05/25	< 0.04	ug/L	No
Prometryne	08/05/25	< 0.03	ug/L	No
Simazine	08/05/25	< 0.01	ug/L	No
Terbufos	08/05/25	< 0.01	ug/L	No
Tetrachloroethylene (perchloroethylene)	08/05/25	< 0.35	ug/L	No
2,3,4,6-Tetrachlorophenol	08/05/25	< 0.20	ug/L	No
Triallate	08/05/25	< 0.01	ug/L	No
Trichloroethylene	08/05/25	< 0.44	ug/L	No
2,4,6-Trichlorophenol	08/05/25	< 0.25	ug/L	No
Trifluralin	08/05/25	< 0.02	ug/L	No
Vinyl Chloride	08/05/25	< 0.17	ug/L	No

## Palmerston Well #3

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	08/05/25	< 0.02	ug/L	No
Atrazine	08/05/25	< 0.01	ug/L	No
Atrazine + N-dealkylated metabolites	08/05/25	< 0.01	ug/L	No
Azinphos-methyl	08/05/25	< 0.05	ug/L	No
Benzene	08/05/25	< 0.32	ug/L	No
Benzo(a)pyrene	08/05/25	< 0.004	ug/L	No
Bromoxynil	08/05/25	< 0.33	ug/L	No
Carbaryl	08/05/25	< 0.05	ug/L	No
Carbofuran	08/05/25	< 0.01	ug/L	No
Carbon Tetrachloride	08/05/25	< 0.17	ug/L	No
Chlorpyrifos	08/05/25	< 0.02	ug/L	No
Desethyl Atrazine	08/05/25	< 0.01	ug/L	No
Diazinon	08/05/25	< 0.02	ug/L	No
Dicamba	08/05/25	< 0.2	ug/L	No
1,2-Dichlorobenzene	08/05/25	< 0.41	ug/L	No
1,4-Dichlorobenzene	08/05/25	< 0.36	ug/L	No
1,2-Dichloroethane	08/05/25	< 0.35	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	08/05/25	< 0.33	ug/L	No
Dichloromethane	08/05/25	< 0.35	ug/L	No
2-4 Dichlorophenol	08/05/25	< 0.15	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	08/05/25	< 0.19	ug/L	No
Diclofop-methyl	08/05/25	< 0.4	ug/L	No
Dimethoate	08/05/25	< 0.06	ug/L	No
Diquat	08/05/25	< 1.0	ug/L	No
Diuron	08/05/25	< 0.03	ug/L	No
Glyphosate	08/05/25	< 1.0	ug/L	No
Malathion	08/05/25	< 0.02	ug/L	No
MCPA	08/05/25	< 0.00012	mg/L	No
Metolachlor	08/05/25	< 0.01	ug/L	No
Metribuzin	08/05/25	< 0.02	ug/L	No
Monochlorobenzene	08/05/25	< 0.3	ug/L	No
Paraquat	08/05/25	< 1.0	ug/L	No
Pentachlorophenol	08/05/25	< 0.15	ug/L	No
Phorate	08/05/25	< 0.01	ug/L	No
Picloram	08/05/25	< 1.0	ug/L	No
Polychlorinated Biphenyls (PCB) - Total	08/05/25	< 0.04	ug/L	No
Prometryne	08/05/25	< 0.03	ug/L	No
Simazine	08/05/25	< 0.01	ug/L	No
Terbufos	08/05/25	< 0.01	ug/L	No
Tetrachloroethylene (perchloroethylene)	08/05/25	< 0.35	ug/L	No
2,3,4,6-Tetrachlorophenol	08/05/25	< 0.20	ug/L	No
Triallate	08/05/25	< 0.01	ug/L	No
Trichloroethylene	08/05/25	< 0.44	ug/L	No
2,4,6-Trichlorophenol	08/05/25	< 0.25	ug/L	No
Trifluralin	08/05/25	< 0.02	ug/L	No
Vinyl Chloride	08/05/25	< 0.17	ug/L	No

**Palmerston Well #4**

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	08/05/25	< 0.02	ug/L	No
Atrazine	08/05/25	< 0.01	ug/L	No
Atrazine + N-dealkylated metabolites	08/05/25	< 0.01	ug/L	No
Azinphos-methyl	08/05/25	< 0.05	ug/L	No
Benzene	08/05/25	< 0.32	ug/L	No
Benzo(a)pyrene	08/05/25	< 0.004	ug/L	No
Bromoxynil	08/05/25	< 0.33	ug/L	No
Carbaryl	08/05/25	< 0.05	ug/L	No
Carbofuran	08/05/25	< 0.01	ug/L	No
Carbon Tetrachloride	08/05/25	< 0.17	ug/L	No
Chlorpyrifos	08/05/25	< 0.02	ug/L	No
Desethyl Atrazine	08/05/25	< 0.01	ug/L	No
Diazinon	08/05/25	< 0.02	ug/L	No
Dicamba	08/05/25	< 0.2	ug/L	No
1,2-Dichlorobenzene	08/05/25	< 0.41	ug/L	No
1,4-Dichlorobenzene	08/05/25	< 0.36	ug/L	No
1,2-Dichloroethane	08/05/25	< 0.35	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	08/05/25	< 0.33	ug/L	No
Dichloromethane	08/05/25	< 0.35	ug/L	No
2-4 Dichlorophenol	08/05/25	< 0.15	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	08/05/25	< 0.19	ug/L	No
Diclofop-methyl	08/05/25	< 0.4	ug/L	No
Dimethoate	08/05/25	< 0.06	ug/L	No
Diquat	08/05/25	< 1.0	ug/L	No
Diuron	08/05/25	< 0.03	ug/L	No
Glyphosate	08/05/25	< 1.0	ug/L	No
Malathion	08/05/25	< 0.02	ug/L	No
MCPA	08/05/25	< 0.00012	mg/L	No
Metolachlor	08/05/25	< 0.01	ug/L	No
Metribuzin	08/05/25	< 0.02	ug/L	No
Monochlorobenzene	08/05/25	< 0.3	ug/L	No
Paraquat	08/05/25	< 1.0	ug/L	No
Pentachlorophenol	08/05/25	< 0.15	ug/L	No
Phorate	08/05/25	< 0.01	ug/L	No
Picloram	08/05/25	< 1.0	ug/L	No
Polychlorinated Biphenyls (PCB) - Total	08/05/25	< 0.04	ug/L	No
Prometryne	08/05/25	< 0.03	ug/L	No
Simazine	08/05/25	< 0.01	ug/L	No
Terbufos	08/05/25	< 0.01	ug/L	No
Tetrachloroethylene (perchloroethylene)	08/05/25	< 0.35	ug/L	No
2,3,4,6-Tetrachlorophenol	08/05/25	< 0.20	ug/L	No
Triallate	08/05/25	< 0.01	ug/L	No
Trichloroethylene	08/05/25	< 0.44	ug/L	No
2,4,6-Trichlorophenol	08/05/25	< 0.25	ug/L	No
Trifluralin	08/05/25	< 0.02	ug/L	No
Vinyl Chloride	08/05/25	< 0.17	ug/L	No



**Palmerston Distribution System**

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

Parameter	Sample Date	Result Value RAA	Unit of Measure	ODWS Criteria
<b>THM</b> (NOTE: latest quarterly average shown)	19/03/25	19.00	ug/L	100
	23/05/25	18.00		
	15/08/25	16.25		
	14/11/25	16.50		

Parameter	Sample Date	Result Value RAA	Unit of Measure	ODWS Criteria
<b>HAA</b> (NOTE: latest quarterly average shown)	19/03/25	< 5.3	ug/L	80
	23/05/25	< 5.3		
	15/08/25	< 5.3		
	14/11/25	< 5.3		

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

**Palmerston Well #1**

Parameter	Sample Date	Result Value	Unit of Measure	ODWS Criteria
<b>Arsenic</b>	08/05/25	6.2	ug/L	10
<b>Arsenic</b>	15/08/25	4.5	ug/L	10
<b>Arsenic</b>	14/11/25	4.1	ug/L	10