

PUG SERVICES CORP.

ANNUAL REPORT

FOR

WOODLAND ACRES WATER DISTRIBUTION SYSTEM

PERIOD: January 1, 2022 – December 31, 2022



MECP Waterworks
210001503
February 1, 2023

Drinking-Water System Number:	210001503
Drinking-Water System Name:	Woodland Acres
Drinking-Water System Owner:	Township of Selwyn
Drinking-Water System Category:	WD Class 1
Period being reported:	January 1, 2022 – December 31, 2022

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

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

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

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

Township of Selwyn Office
1310 Centre Line
Selwyn, ON K9J 6X5
www.selwyntownship.ca

Complete for all other Categories.

Number of Designated Facilities served:

N/A

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

Number of Interested Authorities you report to:

N/A

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

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 [] N/A

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**
☒ **Public access/notice via other method Social Media** _____

Describe your Drinking-Water System

The Woodland Acres distribution system is operated by PUG Services Corp. under contract with the Township of Selwyn.

The Woodland Acres municipal water distribution system generally consist of three elements:

1. Drinking Water Supply

The Woodland Acres water distribution system obtains its water from the City of Peterborough's municipal water system. This system is operated under contract by PUG Service Corp. The Peterborough water system (MECP # 220000497) and the Annual Report for this system may be viewed on the PUG Services Corp. web page at www.peterboroughutilities.ca

2. Water Pumping Stations

There is a water booster pumping station at Woodland Drive and Woodward Avenue.

3. Water Distribution Piping System

The water distribution system consists of approximately 4,651 meters of pipe (water mains), 26 hydrants and 334 individual water services. In 2021 The Township assumed water infrastructure for the Summerlane Subdivision.

List all water treatment chemicals used over this reporting period

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

None

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
none					

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 #)
Raw					
Treated					
Distribution*	256	0-0	0-0	262	0-31

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

	Number of Grab Samples	Range of Results (min #)-(max #)	Unit of Measure	<i>NOTE: For continuous monitors use 8760 as the number of samples.</i>
Chlorine	101	0.78 – 1.56	mg/L	

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
None				

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Nitrite	Jan 18	0.05	mg/L	No
	Apr 11	0.05		
	July 20	0.05		
	Oct 24	0.05		
Nitrate	Jan 18	0.25	mg/L	No
	Apr 11	0.33		
	July 20	0.05		
	Oct 24	0.05		

Summary of lead testing under Schedule 15.1 during this reporting period

Location Type	Number of Samples	Range of Lead Results (min#) – (max #)	Unit of Measure	Number of Exceedances
Plumbing	0			
Distribution	4	<0.0005 – 0.0012	mg/L	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM (NOTE: show latest annual average)	Annual Average	68.25	µg/L	No
HAA (NOTE: show latest annual average)	Annual Average	64.3	µg/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	Unit of Measure	Date of Sample
None			