

OPTIONAL ANNUAL REPORT TEMPLATE

Drinking Water System Number:	260002681
Drinking Water System Name:	New Hamburg/Baden Distribution System
Drinking Water System Owner:	Township of Wilmot
Drinking Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2021 – December 31, 2021
Report Date:	February 25 th 2022

<p><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></p> <p>Does your Drinking Water System serve more than 10,000 people? Yes [X] No []</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No []</p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <table border="1" style="width: 100%;"> <tr> <td>Township of Wilmot Public Works Service Centre 2719 Sandhills Road Baden, Ontario</td> </tr> </table>	Township of Wilmot Public Works Service Centre 2719 Sandhills Road Baden, Ontario	<p><u>Complete for all other Categories</u></p> <p>Number of Designated Facilities served: <input type="text"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [] No []</p> <p>Number of Interested Authorities you report to: <input type="text"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] No []</p>
Township of Wilmot Public Works Service Centre 2719 Sandhills Road Baden, Ontario		

Note: For the following tables below, additional rows or columns may be added, or an appendix may be attached to the report

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

Drinking Water System Name	Drinking Water System Number
N/A	

Did you provide a copy of your annual report to all Drinking Water System owners that are connected to you and to whom you provide all drinking water? Yes [] No []

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

- 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 _____

Describe your Drinking Water System

The Township of Wilmot owns and operates the water distribution system. The Wilmot Utilities department is responsible for the operation and maintenance of the class 1 water distribution system, including 65.39 km's of water main, 779 water main valves, and 399 fire hydrants with an estimated population of 13,265 people, there are 4913 service connections. The Region of Waterloo owns and operates all wells, transmission mains, storage facilities and provides primary and secondary treatment of the water.(see Region of Waterloo's Annual Summery Report)

List all water treatment chemicals used over this reporting period

N/A - See Region of Waterloo

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

N/A - See Region of Waterloo

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
June 1 st 2021	TC exceedance	presence	Presence/absence	Flush & re-sample	June 3 rd 2021
June 17 th 2021	TC exceedance	presence	Presence/absence	Flush & re-sample	June 22 nd 2021
June 24 th 2021	TC exceedance	presence	Presence/absence	Flush & re-sample	June 28 th 2021
July 1 st 2021	TC exceedance	presence	Presence/absence	Flush & re-sample	July 4 th 2021
July 8 th 2021	TC exceedance	presence	Presence/absence	Flush & re-sample	July 9 th 2021
July 10 th 2021	TC exceedance	presence	Presence/absence	Flush & re-sample	July 12 th 2021
July 29 th 2021	TC exceedance	presence	Presence/absence	Flush & re-sample	August 3 rd 2021

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

	Number of Samples	Range of E. Coli Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw					
Treated					
Distribution	321	A	P-A	113	0 - 180

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

	Number of Grab Samples	Range of Results (min #)-(max #)	Unit of Measure
Turbidity			
Chlorine	685	0.09 – 1.79	milligrams per litre
Fluoride (If the DWS provides fluoridation)			

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

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

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

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

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

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

residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems

Summary of lead testing under Schedule 15.1 during this reporting period

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

Location Type	Number of Samples	Range of Lead Results (min#) – (max #)	Unit of Measure	Number of Exceedances
Plumbing				
Distribution				

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor				
Atrazine + N-dealkylated 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				
HAA _s (Note: show latest running annual average)				
Lindane (Total)				
Malathion				
Metolachlor				

Metribuzin				
Monochlorobenzene				
Paraquat				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
Terbufos				
Tetrachloroethylene (perchloroethylene)				
2,3,4,6-Tetrachlorophenol				
THMs (Note: show latest running annual average)	Oct. 26 th 2021	8.52	Ug/l	None
HAA (Note: show latest running annual average)	Oct. 26 th 2021	0	Ug/l	None
Triallate				
Trichloroethylene				
2,4,6-Trichlorophenol				
Trifluralin				
Vinyl Chloride				

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

Parameter	Result Value	Unit of Measure	Date of Sample