



Drinking-Water System Number:	220005081
Drinking-Water System Name:	Innisfil Heights Well Supply
Drinking-Water System Owner:	InnServices Utilities Inc.
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1 – December 31, 2019

<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 [] No [X]</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> <p>https://innisfil.ca/living/InnServices/WaterTreatmentDistribution/watersystemsreports</p> <p>InnServices Headquarters 7251 Yonge Street, Innisfil, ON</p>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: 0</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:</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>
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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
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 of its drinking water?

Yes [X] 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 (Message on Utility Bill)



Describe your Drinking-Water System

Innisfil Heights DWS consists of two (2) wells, one well pump house, one high lift pumping station and in-ground reservoir. Remote monitoring through SCADA.

List all water treatment chemicals used over this reporting period

12% Sodium-hypochlorite

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

Data Logger retrieval - \$2000

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
N/A					

Microbiological testing done under the Schedule 10 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	106	0-0	0-37	n/a	n/a
Treated	53	0-0	0-0	53	0-4
Distribution	212	0-0	0-0	212	0-24

Operational testing done under Schedule 7 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	N/A	N/A	N/A
Chlorine	8760	0.26– 4.49	mg/L
Fluoride (If the DWS provides fluoridation)	N/A	N/A	N/A

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				

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	20-Nov-2018	0.03	µg/L	No
Arsenic	20-Nov-2018	<0.2	µg/L	No
Barium	20-Nov-2018	129	µg/L	No
Boron	20-Nov-2018	16	µg/L	No
Cadmium	20-Nov-2018	<0.003	µg/L	No
Chromium	20-Nov-2018	0.09	µg/L	No
Mercury	20-Nov-2018	<0.01	µg/L	No
Selenium	20-Nov-2018	<0.04	µg/L	No
Sodium	01-Dec-2016	8.3	Mg/L	No
Uranium	20-Nov-2018	0.185	µg/L	No
Fluoride	14-Dec-2016	0.1	mg/L	No
Nitrite	14-Aug-2018	<0.003	mg/L	No
Nitrate	14-Aug-2018	<0.006	mg/L	No

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	20-Nov-2018	<0.02	µg/L	No
Atrazine + N-dealkylated metabolites	20-Nov-2018	<0.01	µg/L	No
Azinphos-methyl	20-Nov-2018	<0.05	µg/L	No
Benzene	20-Nov-2018	<0.32	µg/L	No
Benzo(a)pyrene	20-Nov-2018	<0.004	µg/L	No
Bromoxynil	20-Nov-2018	<0.33	µg/L	No
Carbaryl	20-Nov-2018	<0.05	µg/L	No
Carbofuran	20-Nov-2018	<0.01	µg/L	No
Carbon Tetrachloride	20-Nov-2018	<0.16	µg/L	No
Chlorpyrifos	20-Nov-2018	<0.02	µg/L	No
Diazinon	20-Nov-2018	<0.02	µg/L	No
Dicamba	20-Nov-2018	<0.2	µg/L	No
1,2-Dichlorobenzene	20-Nov-2018	<0.41	µg/L	No
1,4-Dichlorobenzene	20-Nov-2018	<0.36	µg/L	No
1,2-Dichloroethane	20-Nov-2018	<0.35	µg/L	No
1,1-Dichloroethylene (vinylidene chloride)	20-Nov-2018	<0.33	µg/L	No
Dichloromethane	20-Nov-2018	<0.35	µg/L	No
2-4 Dichlorophenol	20-Nov-2018	<0.15	µg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	20-Nov-2018	<0.19	µg/L	No
Diclofop-methyl	20-Nov-2018	<0.4	µg/L	No
Dimethoate	20-Nov-2018	<0.03	µg/L	No
Diquat	20-Nov-2018	< 1	µg/L	No

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Diuron	20-Nov-2018	<0.03	µg/L	No
Glyphosate	20-Nov-2018	< 1	µg/L	No
Malathion	20-Nov-2018	<0.02	µg/L	No
2-Methyl-4-chlorophenoxyacetic acid (MCPA)	20-Nov-2018	<0.00012	Mg/L	No
Metolachlor	20-Nov-2018	<0.01	µg/L	No
Metribuzin	20-Nov-2018	<0.02	µg/L	No
Monochlorobenzene	20-Nov-2018	<0.3	µg/L	No
Paraquat	20-Nov-2018	<1	µg/L	No
Pentachlorophenol	20-Nov-2018	<0.15	µg/L	No
Phorate	20-Nov-2018	<0.01	µg/L	No
Picloram	20-Nov-2018	< 1	µg/L	No
Polychlorinated Biphenyls(PCB)	20-Nov-2018	<0.04	µg/L	No
Prometryne	20-Nov-2018	<0.03	µg/L	No
Simazine	20-Nov-2018	<0.01	µg/L	No
Terbufos	20-Nov-2018	<0.01	µg/L	No
Tetrachloroethylene	20-Nov-2018	<0.35	µg/L	No
2,3,4,6-Tetrachlorophenol	20-Nov-2018	<0.20	µg/L	No
Triallate	20-Nov-2018	<0.01	µg/L	No
Trichloroethylene	20-Nov-2018	<0.44	µg/L	No
2,4,6-Trichlorophenol	20-Nov-2018	<0.25	µg/L	No
Trifluralin	20-Nov-2018	<0.02	µg/L	No
Vinyl Chloride	20-Nov-2018	<0.17	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
n/a			

Distribution Sampling (Lead and Trihalomethanes)

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	n/a	n/a	n/a	n/a
Distribution	4	196-204	mg/L	0

*Test for Alkalinity only as per Reduced Sampling Protocol in accordance with O. Reg 170/03, Schedule 15.1-5.

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM (NOTE: show latest annual average)	Nov. 18, 2019	19.88	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. (Lead and THM)

Parameter	Result Value	Unit of Measure	Date of Sample
n/a			