

Part III Form 2
 Section 11. ANNUAL REPORT.

Drinking-Water System Number:	260036387
Drinking-Water System Name:	Camp Gitchigomee Water Treatment Plant
Drinking-Water System Owner:	Camp Gitchigomee
Drinking-Water System Category:	Small non-municipal non residential
Period being reported:	April 1, 2023 to October 31, 2023

<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 []</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> <div style="border: 1px solid black; height: 80px; width: 100%;"></div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <div style="border: 1px solid black; padding: 2px; display: inline-block;">one</div></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [X] No []</p> <p>Number of Interested Authorities you report to: <div style="border: 1px solid black; padding: 2px; display: inline-block;">none</div></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] No [] N/A</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:

Drinking Water System Name	Drinking Water System Number
N/A; point – of entry system only	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 [] No [] N/A

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

- **notification to be tabled during Camp Gitchigomee annual meeting, in March, 2024, and included in 2023 Camp report**
- **notification of report availability in annual camp brochures**
- **on the camp website, at <http://www.campgitchigomee.ca>**

Describe your Drinking-Water System

The system at Camp Gitchigomee is a point of entry unit, located in the dining hall/kitchen building. Distribution taps are located in the kitchen, in the dining hall and at an outside sink. Raw water is obtained from an intake located 60 meters offshore, in Sandstone Creek. A jet pump, located on shore pumps the water into the storage room of the dining hall/kitchen, where the water is filtered with three progressively finer filters – the last one being a one micron absolute unit.

Filtered water is then directed through a flow restrictor, a solenoid unit, and then through an ultraviolet disinfection unit, and finally, into the distribution system within the building. The flow restrictor ensures that the water spends enough time in the UV unit to provide optimal disinfection. The solenoid provides automatic shut-off of the water if the UV intensity is too low, or if the power fails. A remote alarm will also sound in the kitchen if the UV intensity is too low.

Technical details of the system are provided in the Engineering evaluation Report, prepared by Cook Engineering, Thunder Bay, available on request from Jim Sutton, (807) 622-6263.

The drinking water system is seasonally operated only – typically for children’s camps during the month of July. The system is otherwise primarily used during weekends for rental groups, church retreats, picnic, etc. The water system is completely dismantled at the end of the season, usually on the Thanksgiving weekend. It is reinstalled in May of the following year.

List all water treatment chemicals used over this reporting period

none

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

New filter, turbidity meter standards, analytical costs approx. \$58; \$583; \$879 respectively

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

Drinking-Water Systems Regulation O. Reg. 170/03

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 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	1	10	921	1	98
Treated					
Distribution	3	0/absent	0/absent	3	1-47

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 #)
Turbidity	48	0.09 – 0.89 N.T.U.
Chlorine		
Fluoride (If the DWS provides fluoridation)		

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

NOTE: Record the unit of measure if it is not milligrams per litre.

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 most recent

Parameter	Sample Date	Result Value	Unit of Measure	Exceedence
Schedule 23 Metals (O. Reg 170/03)				
Antimony	July 23, 2019	<0.60	ug/L	
Arsenic	July 23, 2019	<1.0	ug/L	
Barium	July 23, 2019	<10	ug/L	
Boron	July 23, 2019	<50	ug/L	
Cadmium	July 23, 2019	<0.10	ug/L	
Chromium	July 23, 2019	1.3	ug/L	
Lead	June 15, 2023	< 1.0	ug/L	
Mercury	July 23, 2019	<0.10	ug/L	
Selenium	July 23, 2019	<5.0	ug/L	
Uranium	July 23, 2019	<2.0	ug/L	

Nitrate, Nitrite, Sodium, Fluoride				
Nitrate and Nitrite as N	July 23, 2019	<0.040	mg/L	
Nitrite	June 15, 2023	<0.010	mg/L	
Nitrate	June 15, 2023	<0.020	mg/L	
Sodium	June 15, 2023	1.22	mg/L	
Fluoride	June 15, 2023	0.060	mg/L	

Summary of Organic parameters sampled during this reporting period or most recent (Schedule 24)

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Volatile Organic Compounds				
Benzene	July 23/19	<0.50	ug/L	
Carbon Tetrachloride	July 23/19	<0.20	ug/L	
Monochlorobenzene	July 23/19	<0.50	ug/L	
1,2-Dichlorobenzene	July 23/19	<0.50	ug/L	
1,4-Dichlorobenzene	July 23/19	<0.50	ug/L	
1,2 dichloroethane	July 23/19	<0.50	ug/L	
1,1-Dichloroethylene (vinylidene chloride)	July 23/19	<0.50	ug/L	
Dichloromethane	July 23/19	<5.0	ug/L	
Ethylbenzene	July 23/19	<0.50	ug/L	
Tetrachloroethylene	July 23/19	<0.50	ug/L	
Toluene	July 23/19	<0.50	ug/L	
Trichloroethylene	July 23/19	<0.50	ug/L	
Vinyl chloride	July 23/19	<0.20	ug/L	
o-xylene	July 23/19	<0.50	ug/L	
m/p xylene	July 23/19	<1.0	ug/L	
Xylenes (Total)	July 23/19	<1.5	ug/L	
Surr: 1,4-Difluorobenzene	July 23/19	100.1	%	
Surr: 4-Bromofluorobenzene	July 23/19	93.5	%	
Polychlorinated Biphenyls				
Aroclor 1242	July 23/19	<0.020	ug/L	
Aroclor 1254	July 23/19	<0.020	ug/L	
Aroclor 1260	July 23/19	<0.020	ug/L	
Total PCBs	July 23/19	<0.035	ug/L	
Surr: d14-Terphenyl	July 23/19	64.1	%	
Organochlorine Pesticides				
Alpha-chlordane	July 23/19	<0.10	ug/L	
gamma-chlordane	July 23/19	<0.10	ug/L	

Drinking-Water Systems Regulation O. Reg. 170/03

p,p-DDD	July 23/19	<0.10	ug/L	
p,p-DDE	July 23/19	<0.10	ug/L	
o,p-DDT	July 23/19	<0.10	ug/L	
p,p-DDT	July 23/19	<0.10	ug/L	
Oxychlorane	July 23/19	<0.10	ug/L	
Surr:d14-Terphenyl	July 23/19	96.3	%	
Herbicides				
Bromoxynil	July 23/19	<0.20	ug/L	
2,4-Dichlorophenoxy acetic acid (2,4-D)	July 23/19	<0.20	ug/L	
Dicamba	July 23/19	<0.20	ug/L	
Glyphosate	July 23/19	<5.0	ug/L	
MCPA	July 23/19	<0.20	ug/L	
Picloram	July 23/19	<0.20	ug/L	
Surr: 2,4-Dichlorophenylacetic Acid	July 23/19	86.0	%	
Pesticides				
Alachlor	July 23/19	<0.10	ug/L	
Atrazine	July 23/19	<0.10	ug/L	
Atrazine & Metabolites	July 23/19	<0.20	ug/L	
Azinphos-methyl	July 23/19	<0.10	ug/L	
Carbaryl	July 23/19	<0.20	ug/L	
Carbofuran	July 23/19	<0.20	ug/L	
Chlorpyrifos	July 23/19	<0.10	ug/L	
Diazinon	July 23/19	<0.10	ug/L	
2-4 Dichlorophenol	July 23/19	<0.30	ug/L	
Dimethoate	July 23/19	<0.10	ug/L	
Diquat	July 23/19	<1.0	ug/L	
Diuron	July 23/19	<1.0	ug/L	
Atrazine Desethyl	July 23/19	<0.10	ug/L	
Malathion	July 23/19	<0.10	ug/L	
Diclofop-methyl	July 23/19	<0.20	ug/L	
Metolachlor	July 23/19	<0.10	ug/L	
Metribuzin	July 23/19	<0.10	ug/L	
Paraquat	July 23/19	<1.0	ug/L	
Pentachlorophenol	July 23/19	<0.50	ug/L	
Phorate	July 23/19	<0.10	ug/L	
Prometryne	July 23/19	<0.10	ug/L	
Simazine	July 23/19	<0.10	ug/L	
Terbufos	July 23/19	<0.20	ug/L	
2,3,4,6-Tetrachlorophenol	July 23/19	<0.50	ug/L	
Triallate	July 23/19	<0.10	ug/L	

2,4,6-Trichlorophenol	July 23/19	<0.50	ug/L	
Trifluralin	July 23/19	<0.10	ug/L	
Surr: 2-Flourobiphenyl	July 23/19	87.1	%	
Surr: 2,4,6-Tribromophenol	July 23/19	132.3	%	

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

(Only if DWS category is large municipal residential, small municipal residential, large municipal non residential, non municipal year round residential, large non municipal non residential)