

Certificate of Analysis

Sample Receipt Date & Time: 2018-09-04 14:25  
 Total Number of Samples Received: 10  
 Bacterial Analysis Start Date & Time: 2018-09-04 14:51  
 Analysis Date: \_\_\_\_\_



**Aquatic & Environmental  
Laboratory** Inc.

3239 Penetanguishene Rd.  
 Barrie, ON. L4M 4Y8  
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<b>REPORT TO:</b>	<b>Water Works Address:</b>	Total Coliform, E.coli, Background - Method AELAB01-DC Performed by Membrane Filtration  HPC - Method AELAB02-HPC Performed by Spread Plate  pH - Method AELAB05-pH Performed by Electrometric Method  Turbidity - Method AELAB04-Turbidity Performed by Nephelometric Method  Microcystin - Method AELAB03-Microcystin Performed by ELISA
Client: <u>Tea Lake Property Owners Association Inc.</u>	Tea Lake, Severn Township	
Address: <u>C/O Doug Roberts</u>		
<u>4388 Graham Rd. Coldwater, ON L0K 1E0</u>		
Contact: <u>Doug Roberts</u>	<b>Water Works Number:</b>	
Email: <u>dougrobe@hotmail.com</u>	<b>Health Unit:</b>	
Phone: <u>705-220-2704</u>	Comments:	
Fax: _____	<b>Recreational swimming samples</b>	
After Hours Contact: _____		<b>Regulation:</b>
		<input type="checkbox"/> 170/03 <input type="checkbox"/> 318/08;319/08 <input type="checkbox"/> Private <input checked="" type="checkbox"/> N/A

Date and Time Sampled	Sample ID, Location and Type: Raw; T = Entry/Treated; D = Distribution; RC = Raw Water Consumed	Chlorine		Temp. of Sample (°C)	Laboratory Number	Total Coliform		E.coli		Background		HPC		pH	Turbidity NTU	Microcystin	
		Free	Total			</>	CFU/100 mL	</>	CFU/100 mL	</>	CFU/100 mL	</>	CFU/1 mL			</>	µg/L
2018-09-03 17:00	1 - REC			24	11791			<	10								
2018-09-03 17:00	12 - REC			24	11792				10								
2018-09-03 17:00	21 - REC			24	11793			<	10								
2018-09-03 17:00	31 - REC			24	11794			<	10								
2018-09-03 17:00	40 - REC			24	11795				10								
2018-09-03 17:00	44 - REC			24	11796				20								
2018-09-03 17:00	50 - REC			24	11797			<	10								
2018-09-03 17:00	61 - REC			24	11798			<	10								
2018-09-03 17:00	80 - REC			24	11799				10								
2018-09-03 17:00	100 - REC			24	11800				10								

Results relate only to aliquot submitted. CFU = Colony Forming Units HPM = Heavy Particulate Matter  
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Date Approved 2018-09-05 Approved By  Sample Collection: Julie Whittley  
 Sample Relinquishment: \_\_\_\_\_

Total Coliform	Detection Limit: 0 - 150	Reportable Limit: 1	Microcystin	Detection Limit: 0.150 µg/L	Reportable Limit: ≥ 1.50 µg/L
E.coli	Detection Limit: 0 - 150	Reportable Limit: 1	pH	Detection Limit: 4 - 10	Reportable Limit: N/A
HPC	Detection Limit: 10 - 2.00 x 10 <sup>3</sup>	Indicates Deterioration: >500	Turbidity	Detection Limit: 0.10 - 40.0 NTU	Indicates Deterioration: N/A