

Certificate of Analysis

Sample Receipt Date & Time: 2021-09-29 09:20
 Total Number of Samples Received: 10
 Bacterial Analysis Start Date & Time: 2021-09-29 11:13
 Analysis Date & Time: _____



**Aquatic & Environmental
Laboratory** Inc.

3239 Penetanguishene Rd.
 Barrie, ON. L4M 4Y8
 Telephone: 705-722-5227
 Fax: 705-722-5224
 Email: aquaenvirolab@gmail.com

REPORT TO:	Water Works Address:
Client: <u>Tea Lake Property Owners Association Inc.</u>	<u>Tea Lake, Severn Township</u>
Address: <u>C/O Ian Whittley 4082 Graham Rd</u>	
<u>Coldwater, ON L0K 1E0</u>	
Contact: <u>Ian Whittley</u>	
Email: <u>i.whittley@hotmail.com</u>	Water Works Number:
Phone: <u>705-721-6953</u>	Health Unit:
Fax: _____	Comments: <u>Recreational Swimming Samples</u>
After Hours Contact:	

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

Regulation:	170/03	319/08	Private
	493/17	✓ N/A	

Date and Time Sampled	Sample ID, Location and Type: R = Raw; T = Entry/Treated; D = Distribution; RC = Raw Water Consumed; REC = Recreational Swimming	Chlorine mg/L		Temp. of Sample (°C/°F)	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
2021-09-28 13:00	1 - REC			19	11737				20								
13:05	12 - REC			18	11738			<	10								
13:10	20 - REC			18	11739			<	10								
13:15	33 - REC			18	11740				10								
13:20	42 - REC			18	11741			<	10								
13:25	62 - REC			18	11742				10								
13:30	82 - REC			14	11743			<	10								
13:35	70 - REC			18	11744				10								
13:40	92 - REC			18	11745				20								
13:45	100 - REC			18	11746				10								

Results relate only to the items tested. Results apply to sample as received. CFU = Colony Forming Units HPM = Heavy Particulate Matter
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Sample Collection: Ian Whittley

Date Approved 2021-09-30 Approved By KN

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	
HPC	Detection Limit: 300	Indicates Deterioration: >500	Turbidity	Detection Limit: 0.10 - 40.0 NTU	