

Certificate of Analysis

Sample Receipt Date & Time: 2022-08-18 14:10
 Total Number of Samples Received: 10
 Bacterial Analysis Start Date & Time: 2022-08-18 14:31
 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>6876 Upper Big Chute Rd</u>	
<u>Coldwater, ON L0K 1E0</u>	
Contact: <u>Mark McGee</u>	
Email: <u>mj3pines@gmail.com</u>	Water Works Number:
Phone: <u>416-420-7133</u>	Health Unit:
Fax: _____	Comments: <u>Recreational Swimming Samples</u>
After Hours Contact: <u>Mark McGee 416-420-7133</u>	

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
2022-08-17 12:27	01 - REC				10343				10								
2022-08-17 13:35	13 - REC				10344			<	10								
2022-08-17 13:40	24 - REC				10345			<	10								
2022-08-17 13:43	32 - REC				10346			<	10								
2022-08-17 13:48	41 - REC				10347			<	10								
2022-08-17 13:53	50 - REC				10348				10								
2022-08-17 13:55	60 - REC				10349			<	10								
2022-08-17 14:03	70 - REC				10350			<	10								
2022-08-17 14:00	80 - REC				10351			<	10								
2022-08-17	92 - REC				10352				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: Mark McGee

Date Approved 2022-08-19

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	