

Certificate of Analysis

Sample Receipt Date & Time: 2022-05-31 14:24
 Total Number of Samples Received: 10
 Bacterial Analysis Start Date & Time: 2022-05-31 15:43
 Analysis Date & Time: _____



**Aquatic & Environmental
Laboratory** Inc.

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 Barrie, ON. L4M 4Y8
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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
2022-05-30 09:10	1 - REC				5876				20								
2022-05-30 09:16	12 - REC				5877				10								
2022-05-30 09:23	33 - REC				5878				10								
2022-05-30 09:19	15 - REC				5879				20								
2022-05-30 09:28	45 - REC				5880			<	10								
2022-05-30 09:55	62 - REC				5881			<	10								
2022-05-30 09:50	70 - REC				5882				20								
2022-05-30 09:46	80 - REC				5883				30								
2022-05-30 09:35	92 - REC				5884				20								
2022-05-30 09:40	100 - REC				5885			<	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: _____
 Sample Relinquishment: Mark McGee

Date Approved 2022-06-01 Approved By KN

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	