

Certificate of Analysis

Sample Receipt Date & Time: 2019-09-30 12:59
 Total Number of Samples Received: 10
 Bacterial Analysis Start Date & Time: 2019-09-30 15:07
 Analysis Date: _____



**Aquatic & Environmental
Laboratory** Inc.

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

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| REPORT TO: | Water Works Address: | 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> | Water Works Number: | |
| Email: <u>dougrobe@hotmail.com</u> | Health Unit: | |
| Phone: <u>705-220-2704</u> | Comments: | |
| Fax: _____ | Recreational swimming samples | |
| After Hours Contact: _____ | | Regulation: |
| | | <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 |
| 2019-09-29 15:00 | 01 - REC | | | 18 | 9587 | | | < | 10 | | | | | | | | |
| 2019-09-29 15:05 | 14 - REC | | | 18 | 9588 | | | < | 10 | | | | | | | | |
| 2019-09-29 15:08 | 24 - REC | | | 18 | 9589 | | | | 10 | | | | | | | | |
| 2019-09-29 15:10 | 32 - REC | | | 18 | 9590 | | | | 10 | | | | | | | | |
| 2019-09-29 15:12 | 44 - REC | | | 18 | 9591 | | | < | 10 | | | | | | | | |
| 2019-09-29 15:14 | 45 - REC | | | 18 | 9592 | | | < | 10 | | | | | | | | |
| 2019-09-29 15:20 | 62 - REC | | | 18 | 9593 | | | < | 10 | | | | | | | | |
| 2019-09-29 15:24 | 60 - REC | | | 18 | 9594 | | | < | 10 | | | | | | | | |
| 2019-09-29 15:26 | 83 - REC | | | 18 | 9595 | | | < | 10 | | | | | | | | |
| 2019-09-29 15:32 | 90 - REC | | | 18 | 9596 | | | < | 10 | | | | | | | | |

Results relate only to aliquot submitted. CFU = Colony Forming Units HPM = Heavy Particulate Matter
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Date Approved 2019-10-01 Approved By Sample Collection: Julie Whittley
 Sample Relinquishment: Julie Whittley

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|----------------|--|-------------------------------|-------------|----------------------------------|-------------------------------|
| 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 ³ | Indicates Deterioration: >500 | Turbidity | Detection Limit: 0.10 - 40.0 NTU | Indicates Deterioration: N/A |