

## ENVIRONMENTAL TESTING - LAKE WATER FAQS

### RECOMMENDED ANALYTES

	Required Sample Size	Turnaround Time	Price
<b>E.COLI &amp; TOTAL COLIFORMS (QUANTITRAY 18HR) *</b>	125mL sterile	1 D	<b>\$20.00</b>
<b>FECAL COLIFORMS *</b>	125mL sterile	1 D	<b>\$20.00</b>
<b>MICROCYSTIN</b>	125mL sterile	5 - 7 BD	<b>\$40.00</b>

\* Samples must be received at the laboratory within 24 hours of sampling.

- We most commonly test for bacteria (E. coli and fecal coliform), lake nutrients, and microcystin in lake water. No special containers are required.
- We test for microcystin which is a toxin found in blue algae. We need 100 ml or 1/2 cup of lake water for testing.
  - NDEQ recommends having less than 8 ppb per 100 ml, which is more of a threat to dogs than humans.
- When testing lake water, it is important to understand that it is more like a “snapshot”. Public recreational lakes are monitored weekly to identify trends, as water conditions change frequently.
- We do not offer consulting services, but we encourage customers to reach out to a local lake management firm when they receive results.

