NORTHEAST LABORATORIES

CERTIFICATE OF ANALYSIS

Client: Jim Steffman
Address: 60 Lake Rd.
City, State, Zip: Portland, CT 06480

Date Received: 08/05/2026
Report Date: 08/11/2026
NE Labs ID: N26102526-01

Sample / Sampling Description

Date/Time Collected: 08/05/2026 9:30 am
Collection Site: 60 Lake Rd.
Sample Point: Private Beach
Sample Temp. at Receipt: 15-17°C

Collected By: Jim Steffman
Collection Source: Surface Water (Lake)
Treatment: None
Chilling Process: ☑ Started ☐ Not Started
Holding Times: ☑ Met ☐ Not Met

Sample Description	*E. coli* MPN	Units	Method	Date Tested
Private Beach	240	CFU/100 mL	SM9222D	08/05/2026

CFU = Colony Forming Units

Notes:

- Results are based on sample(s) submitted to Northeast Laboratories, Inc. CT lab #PH0404 on 08/05/2026.

Review Date:	Reviewed by:	Released by:
08/11/2026	Selena Anderson, QA/QC	Zachary Cannone, Laboratory Director

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISOILAC-IAF Communiqué dated April 2017).

30 Cold Spring Rd. Rocky Hill, CT 06067
www.nelabsct.com Telephone: 860-828-9787
CT Cert. #PH-0404 EPA Cert. #CT-024 FDA Reg. #086650488 ACTL.0000004

NORTHEAST LABORATORIES

CERTIFICATE OF ANALYSIS

Client: Jim Steffman
Address: 60 Lake Rd.
City, State, Zip: Portland, CT 06480

Date Received: 08/05/2026
Report Date: 08/11/2026
NE Labs ID: N26102526-02

Cyanobacteria and Expanded Algae Species Identification

Date/Time Collected: 08/05/2026 9:50 am
Sample Site: Private Dock (Active Bloom)

Collected By: Jim Steffman
Date Tested: 08/05/2026

TOXIN RISK KEY: ■ High Risk Potential ■ Moderate Risk Potential ■ Low or Unknown Risk Potential

CYANOBACTERIA (Blue-Green Algae)

High Risk Cyanobacteria

Genus/Species	Count	Risk
Microcystis	570,000	■
Dilichospermum (Anabaena)		■
Aphanizomenon		■
Raphidiopsis (Cylindrospermopsis)		■

Moderate Risk Cyanobacteria

Genus/Species	Count	Risk
Aphanocapsa		■
Cuspidothrix		■
Oscillatoria	6,700	■
Snowella		■
Spirulina		■
Synechococcus		■
Pseudanabaena		■

Non Toxin Producing Cyanobacteria

Genus/Species	Count	Risk
Aphanothece		■

Other Cyanobacteria Observed

Genus/Species	Count	Risk

Total Cyanobacteria Cell Count (cells/mL)	580,000

ALGAE (Eukaryotic)

Potentially Toxic Algae

Genus/Species	Count	Risk
Dinobryon		■
Scenedesmus		■

Non-Toxic Algae

Genus/Species	Count	Risk
Asterionella		■
Diatoma		■
Fragilaria		■
Navicula		■
Pediastrum		■
Selenastrum		■
Staurastrum		■
Staurodesmus		■
Synedra		■
Tabellaria		■

Other Algae Species Observed

Genus / Species	Count	Risk

Total Algae Cell Count (cells/mL)	N/A

Total Cell Count (Cyanobacteria)	580,000
Microcystins (Abraxis,ppb)	≥5

Comments:

- Results are based on sample(s) submitted to Northeast Laboratories, Inc. CT lab #PH0404 on: 08/05/2026.
- Due to the nature of the test procedure, all total cell counts are estimates rounded to the nearest two numerical, non-zero digits (two significant figures). The total cell count is determined by the addition of all individual species.

Review Date:	Reviewed by:	Released by:
08/11/2026	Selena Anderson QA/QC	Zachary Cannone, Laboratory Director

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NORTHEAST LABORATORIES

CERTIFICATE OF ANALYSIS

Client: Jim Steffman
Address: 60 Lake Rd.
City, State, Zip: Portland, CT 06480

Date Received: 08/07/2026
Report Date: 08/13/2026
NE Labs ID: N26102572-01

Cyanobacteria and Expanded Algae Species Identification

Date/Time Collected: 08/07/2026 9:31 am
Collected By: Jim Steffman
Sample Site: *End of Right of Way, Next to 60 Lake Rd.
Date Tested: 08/12/2026

TOXIN RISK KEY: ■ High Risk Potential ■ Moderate Risk Potential ■ Low or Unknown Risk Potential

CYANOBACTERIA (Blue-Green Algae)

High Risk Cyanobacteria

Genus/Species	Count	Risk
Microcystis	1,700,000	■
Dilichospermum (Anabaena)		■
Aphanizomenon		■
Raphidiopsis (Cylindrospermopsis)		■

Moderate Risk Cyanobacteria

Genus/Species	Count	Risk
Aphanocapsa		■
Cuspidothrix		■
Oscillatoria		■
Snowella	29,000	■
Spirulina		■
Synechococcus		■
Pseudanabaena		■

Non Toxin Producing Cyanobacteria

Genus/Species	Count	Risk
Aphanothece		■

Other Cyanobacteria Observed

Genus/Species	Count	Risk

ALGAE (Eukaryotic)

Potentially Toxic Algae

Genus/Species	Count	Risk
Dinobryon		■
Scenedesmus		■

Non-Toxic Algae

Genus/Species	Count	Risk
Asterionella		■
Diatoma		■
Fragilaria		■
Navicula		■
Pediastrum		■
Selenastrum		■
Staurastrum		■
Staurodesmus		■
Synedra		■
Tabellaria		■

Other Algae Species Observed

Genus / Species	Count	Risk

Total Cyanobacteria Cell Count (cells/mL)	1,700,000

Total Algae Cell Count (cells/mL)	N/A

Total Cell Count (Cyanobacteria)	1,700,000
Microcystins (Abraxis,ppb)	≥5

Comments:

- Results are based on sample(s) submitted to Northeast Laboratories, Inc. CT lab #PH0404 on: 08/07/2026.
- *Sample taken from active surface bloom.
- Due to the nature of the test procedure, all total cell counts are estimates rounded to the nearest two numerical, non-zero digits (two significant figures). The total cell count is determined by the addition of all individual species.

Review Date:	Reviewed by:	Released by:
08/13/2026	Selena Anderson QA/QC	Zachary Cannone, Laboratory Director

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