

Report of Analysis

Customer: Fitzgerald, John
Client Sample ID: Peters Ponds
Laboratory ID: 125062549.01
Sample Matrix : Lake/Pond
Sample Location: Peters Pond, Dracut, MA (Untreated - East)

Date Collected: 06/23/2025 10:45 AM
Collected By : Customer
Date Received : 06/23/2025 02:30 PM
Temperature Rec'd °C: #11.5

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	>2420	<1	mpn/100mL	06/23/2025 15:40	SM 9223B	Primary	Outside of Standard
E. coli Bacteria	7	<1	mpn/100mL	06/23/2025 15:40	SM 9223B	Primary	Outside of Standard

Customer: Fitzgerald, John
Client Sample ID: Peters Ponds
Laboratory ID: 125062549.02
Sample Matrix : Lake/Pond
Sample Location: Peters Pond, Dracut, MA (Untreated - West)

Date Collected: 06/23/2025 10:45 AM
Collected By : Customer
Date Received : 06/23/2025 02:30 PM
Temperature Rec'd °C: #11.5

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	>2420	<1	mpn/100mL	06/23/2025 15:40	SM 9223B	Primary	Outside of Standard
E. coli Bacteria	39	<1	mpn/100mL	06/23/2025 15:40	SM 9223B	Primary	Outside of Standard

Test Types: EPA Primary: Regulated by the EPA as a health related parameter
EPA Secondary: Aesthetic parameter - not regarded as a health concern

Respectfully Submitted



Andrew Nelson, Laboratory Director



Notes: mg/L=ppm; ug/L=ppb; ng/L=ppt, "<" denotes "less than". This report of analysis may not be modified in any way, or reproduced except in full, without written approval from Nelson Analytical, LLC. Results reported above relate only to samples as submitted, unless specifically noted otherwise. Nelson Analytical, LLC is currently accredited by the New Hampshire Environmental Lab Accreditation Program, the Vermont Laboratory Accreditation Program, the Massachusetts Laboratory Certification Program, and the Maine Laboratory Accreditation Program. For a list of current accredited tests, please visit the websites listed below. Sampling performed by the lab is according to the lab document "Water Sampling Instructions". EPA standards list pH & Chlorine as field parameters which should be tested immediately upon sample collection. Samples tested for pH after submission are beyond the hold time. Samples will be analyzed as quickly as laboratory operations allow. Metals samples may be analyzed the same day they are received. #=Sample(s) received at laboratory do not meet method specified temperature criteria.

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For accreditation status at the time of sample analysis, or for information on subcontract laboratories, please contact Nelson Analytical.

Subcontract Laboratories: SUB2: Nelson Analytical Maine NH2018 SUB 7: Nelson Analytical EAI Div. NH1007, SUB3: 2062 SUB4:2073/2239, SUB5:NH2530, SUB8:NH2136,

<https://www4.des.state.nh.us/OneStopPub/WSEB/acclab/1005.pdf>

http://healthvermont.gov/enviro/ph_lab/PublicHealthLaboratory.aspx

<https://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml>

<https://www.mass.gov/certified-laboratories>

490 East Industrial Park Drive
 Manchester, NH 03109
 www.nelsonanalytical.com
 (603)622-0200
 NH ELAP Accreditation #NH1005

NELSON ANALYTICAL LAB



Maine State Certification #NH01005
 Vermont State Certification # VT1005
 Maine Radon Certification # ME17500
 Massachusetts State Certification #M-NH1005

Report Of Analysis

Customer : Fitzgerald, John
Client Sample ID: Peters Ponds
Laboratory ID: 125070796.01
Sample Matrix : Lake/Pond
Sample Location: Peters Pond, Dracut, MA (East)

Date Collected: 07/08/2025 12:00 AM
Collected By : Customer
Date Received : 07/08/2025 10:45 AM
Temperature Rec'd°C: #12.1

Parameter	Result	Units	Method	Rpt Limit	Q	Date/Time Analyzed	Analyst
Total Coliform Bacteria	1200	mpn/100mL	SM 9223B	1		07/08/2025 12:25	BH
E. coli Bacteria	3	mpn/100mL	SM 9223B	1		07/08/2025 12:25	BH

Customer : Fitzgerald, John
Client Sample ID: Peters Ponds
Laboratory ID: 125070796.02
Sample Matrix : Lake/Pond
Sample Location: Peters Pond, Dracut, MA (West)

Date Collected: 07/08/2025 12:00 AM
Collected By : Customer
Date Received : 07/08/2025 10:45 AM
Temperature Rec'd°C: #12.1

Parameter	Result	Units	Method	Rpt Limit	Q	Date/Time Analyzed	Analyst
Total Coliform Bacteria	>2420	mpn/100mL	SM 9223B	1		07/08/2025 12:25	BH
E. coli Bacteria	68	mpn/100mL	SM 9223B	1		07/08/2025 12:25	BH

Customer : Fitzgerald, John
Client Sample ID: Peters Ponds
Laboratory ID: 125070796.03
Sample Matrix : Lake/Pond
Sample Location: Peters Pond, Dracut, MA (North)

Date Collected: 07/08/2025 12:00 AM
Collected By : Customer
Date Received : 07/08/2025 10:45 AM
Temperature Rec'd°C: #12.1

Parameter	Result	Units	Method	Rpt Limit	Q	Date/Time Analyzed	Analyst
Total Coliform Bacteria	727	mpn/100mL	SM 9223B	1		07/08/2025 12:25	BH
E. coli Bacteria	7	mpn/100mL	SM 9223B	1		07/08/2025 12:25	BH




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Date Reported: 07/09/2025 15:18

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Vermont State Certification # VT1005
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Andrew Nelson, Laboratory Director



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 Massachusetts State Certification #M-NH1005

Report Of Analysis

Customer :	Fitzgerald, John	Date Collected:	07/31/2025 09:30 AM
Client Sample ID:	Peters Ponds	Collected By :	Customer
Laboratory ID:	125073574.01	Date Received :	07/31/2025 11:35 AM
Sample Matrix :	Lake/Pond	Temperature Rec'd°C:	6.8
Sample Location:	Peters Pond, Dracut, MA (Untreated - East)		

Parameter	Result	Units	Method	Rpt Limit	Q	Date/Time Analyzed	Analyst
Total Coliform Bacteria	>2420	mpn/100mL	SM 9223B	1		07/31/2025 14:30	DN
E. coli Bacteria	<1	mpn/100mL	SM 9223B	1		07/31/2025 14:30	DN

Customer :	Fitzgerald, John	Date Collected:	07/31/2025 09:30 AM
Client Sample ID:	Peters Ponds	Collected By :	Customer
Laboratory ID:	125073574.02	Date Received :	07/31/2025 11:35 AM
Sample Matrix :	Lake/Pond	Temperature Rec'd°C:	6.8
Sample Location:	Peters Pond, Dracut, MA (Untreated - West)		

Parameter	Result	Units	Method	Rpt Limit	Q	Date/Time Analyzed	Analyst
Total Coliform Bacteria	>2420	mpn/100mL	SM 9223B	1		07/31/2025 14:30	DN
E. coli Bacteria	2	mpn/100mL	SM 9223B	1		07/31/2025 14:30	DN

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Andrew Nelson, Laboratory Director



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Date Reported: 08/01/2025 12:20