

Report of Analysis

Customer:	Fitzgerald, John	Date Collected:	07/01/2024 09:15 AM
Client Sample ID:	Peters Ponds	Collected By :	Customer
Laboratory ID:	124070022.01	Date Received :	07/01/2024 10:30 AM
Sample Matrix :	Lake/Pond	Temperature Rec'd °C:	#11.0
Sample Location:	Peters Pond, Dracut, MA (East)		

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	>2420	<1	mpn/100mL	07/01/2024 13:55	SM 9223B	Primary	Outside of Standard
E. coli Bacteria	9	<1	mpn/100mL	07/01/2024 13:55	SM 9223B	Primary	Outside of Standard

Customer:	Fitzgerald, John	Date Collected:	07/01/2024 09:15 AM
Client Sample ID:	Peters Ponds	Collected By :	Customer
Laboratory ID:	124070022.02	Date Received :	07/01/2024 10:30 AM
Sample Matrix :	Lake/Pond	Temperature Rec'd °C:	#11.0
Sample Location:	Peters Pond, Dracut, MA (West)		

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	>2420	<1	mpn/100mL	07/01/2024 13:55	SM 9223B	Primary	Outside of Standard
E. coli Bacteria	18	<1	mpn/100mL	07/01/2024 13:55	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 
 Kimberly Wright, Quality Assurance Manager



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.
 Solid samples are reported on a dry weight basis unless noted otherwise.
 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>

Report of Analysis

Customer: Fitzgerald, John **Date Collected:** 07/23/2024 12:00 AM
Client Sample ID: Peters Ponds **Collected By :** Customer
Laboratory ID: 124072420.01 **Date Received :** 07/23/2024 11:10 AM
Sample Matrix : Lake/Pond **Temperature Rec'd °C:** 6.7
Sample Location: Peters Pond, Dracut, MA (North)

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	>2420	<1	mpn/100mL	07/23/2024 15:30	SM 9223B	Primary	Outside of Standard
E. coli Bacteria	17	<1	mpn/100mL	07/23/2024 15:30	SM 9223B	Primary	Outside of Standard

Customer: Fitzgerald, John **Date Collected:** 07/23/2024 12:00 AM
Client Sample ID: Peters Ponds **Collected By :** Customer
Laboratory ID: 124072420.02 **Date Received :** 07/23/2024 11:10 AM
Sample Matrix : Lake/Pond **Temperature Rec'd °C:** 6.7
Sample Location: Peters Pond, Dracut, MA (East)

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	>2420	<1	mpn/100mL	07/23/2024 15:30	SM 9223B	Primary	Outside of Standard
E. coli Bacteria	9	<1	mpn/100mL	07/23/2024 15:30	SM 9223B	Primary	Outside of Standard

Customer: Fitzgerald, John **Date Collected:** 07/23/2024 12:00 AM
Client Sample ID: Peters Ponds **Collected By :** Customer
Laboratory ID: 124072420.03 **Date Received :** 07/23/2024 11:10 AM
Sample Matrix : Lake/Pond **Temperature Rec'd °C:** 6.7
Sample Location: Peters Pond, Dracut, MA (West)

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	>2420	<1	mpn/100mL	07/23/2024 15:30	SM 9223B	Primary	Outside of Standard
E. coli Bacteria	16	<1	mpn/100mL	07/23/2024 15:30	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

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<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>

Report of Analysis

Customer: Fitzgerald, John
Client Sample ID: Peters Ponds
Laboratory ID: 124081664.01
Sample Matrix : Lake/Pond
Sample Location: Peters Pond, Dracut, MA (Untreated - East)

Date Collected: 08/15/2024 09:30 AM
Collected By : Customer
Date Received : 08/15/2024 12:20 PM
Temperature Rec'd °C: 6.2

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	613	<1	mpn/100mL	08/15/2024 12:55	SM 9223B	Primary	Outside of Standard
E. coli Bacteria	2	<1	mpn/100mL	08/15/2024 12:55	SM 9223B	Primary	Outside of Standard

Customer: Fitzgerald, John
Client Sample ID: Peters Ponds
Laboratory ID: 124081664.02
Sample Matrix : Lake/Pond
Sample Location: Peters Pond, Dracut, MA (Untreated - West)

Date Collected: 08/15/2024 09:30 AM
Collected By : Customer
Date Received : 08/15/2024 12:20 PM
Temperature Rec'd °C: 6.2

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	1120	<1	mpn/100mL	08/15/2024 12:55	SM 9223B	Primary	Outside of Standard
E. coli Bacteria	10	<1	mpn/100mL	08/15/2024 12:55	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 
 Kimberly Wright, Quality Assurance Manager



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