



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D2J2118

Lake Maspenock Preservation Association

Project Name: Pond Samples

John Westerling  
P.O. Box 209  
Hopkinton, MA 01748

Project / PO Number: CH# 682  
Received: 10/21/2022  
Reported: 10/31/2022

Analytical Testing Parameters

Client Sample ID:	North	Collected By:	Mark Sexton
Sample Matrix:	Aqueous	Collection Date:	10/21/2022 7:40
Lab Sample ID:	D2J2118-01		

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: SM 9223 B (Colilert Quanti-Tray)-2016</b>								
Escherichia coli	5.2	235	1	MPN/100mL		10/21/22 1445	10/22/22 1531	AJW

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: HACH 10360, Rv. 1.2</b>								
Dissolved Oxygen	9.29		0.100	mg/L	H1,Y1		10/21/22 2028	AKS
<b>Method: Wet-Digestion-W/EPA 365.1, Rv. 2 (1993)</b>								
Phosphorus - Total as P	0.0138		0.0106	mg/L	Method Notes: A9	10/26/22 1730	10/28/22 1142	CLW

General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: SM 4500-H+ B-2011</b>								
pH	7.29			S.U.	H1		10/21/22 2025	MMK
Temperature for pH	20.0			°C			10/21/22 2025	MMK



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Client Sample ID: Middle	Collected By: Mark Sexton
Sample Matrix: Aqueous	Collection Date: 10/21/2022 7:30
Lab Sample ID: D2J2118-02	

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: SM 9223 B (Colilert Quanti-Tray)-2016</b>								
Escherichia coli	4.1	235	1	MPN/100mL		10/21/22 1445	10/22/22 1531	AJW
<b>Inorganics Total</b>								
<b>Method: HACH 10360, Rv. 1.2</b>								
Dissolved Oxygen	8.85		0.100	mg/L	H1,Y1		10/21/22 2028	AKS
<b>Method: Wet-Digestion-W/EPA 365.1, Rv. 2 (1993)</b>								
Phosphorus - Total as P	0.0128		0.0106	mg/L	Method Notes: A9	10/26/22 1730	10/28/22 1142	CLW
<b>General Parameters</b>								
<b>Method: SM 4500-H+ B-2011</b>								
pH	7.22			S.U.	H1		10/21/22 2025	MMK
Temperature for pH	19.8			°C			10/21/22 2025	MMK

Client Sample ID: South	Collected By: Mark Sexton
Sample Matrix: Aqueous	Collection Date: 10/21/2022 7:20
Lab Sample ID: D2J2118-03	

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: SM 9223 B (Colilert Quanti-Tray)-2016</b>								
Escherichia coli	7.5	235	1	MPN/100mL		10/21/22 1445	10/22/22 1531	AJW
<b>Inorganics Total</b>								
<b>Method: HACH 10360, Rv. 1.2</b>								
Dissolved Oxygen	8.89		0.100	mg/L	H1,Y1		10/21/22 2028	AKS
<b>Method: Wet-Digestion-W/EPA 365.1, Rv. 2 (1993)</b>								
Phosphorus - Total as P	0.0128		0.0106	mg/L	Method Notes: A9	10/26/22 1730	10/28/22 1143	CLW
<b>General Parameters</b>								
<b>Method: SM 4500-H+ B-2011</b>								
pH	7.17			S.U.	H1		10/21/22 2025	MMK
Temperature for pH	20.3			°C			10/21/22 2025	MMK

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.



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Definitions

- °C: Degrees Celsius
- A9: Sample was improperly preserved.
- H1: Sample was received past holding time.
- mg/L: Milligrams per Liter
- MPN/100mL: Most Probable Number per 100 Milliliters
- RL: Reporting Limit
- S.U.: Standard Units
- SMCL: US EPA Secondary Maximum Contaminant Level
- Y1: Accreditation is not offered by the accrediting body for this analyte.

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville  
M-CT008

Massachusetts Department of Environmental Protection

Report Comments

*Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.*

*The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <<https://www.microbac.com/standard-terms-conditions>>.***

Reviewed and Approved By:

Melisa L. Montgomery  
Quality Assurance Officer  
Reported: 10/31/2022 14:22

Microbac Laboratories, Inc.

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