



Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D1E1653

Lake Maspenock Preservation Association

Project Name: Pond Samples

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

Project / PO Number: Check#659 \$266.25
Received: 05/17/2021
Reported: 05/25/2021

Analytical Testing Parameters

Client Sample ID:	North	Collected By:	Mark Sexton
Sample Matrix:	Surface Water	Collection Date:	05/17/2021 11:25
Lab Sample ID:	D1E1653-01		

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 9223 B (Colilert)-1997								
Escherichia coli	25.9	235	1	MPN/100mL		05/17/21 1742	05/18/21 2137	KPP

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus - Total as P	0.0138		0.0106	mg/L		05/17/21 1900	05/18/21 1035	CLW
Method: HACH 10360, Rv. 1.2								
Dissolved Oxygen	9.17		0.100	mg/L	H1,Y1		05/17/21 1944	AKS

General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 4500-H+ B-2011								
pH	7.31			S.U.	H1		05/17/21 1900	SRF
Temperature for pH	17.1			°C			05/17/21 1900	SRF



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Client Sample ID: Middle	Collected By: Mark Sexton
Sample Matrix: Surface Water	Collection Date: 05/17/2021 11:20
Lab Sample ID: D1E1653-02	

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 9223 B (Colilert)-1997								
Escherichia coli	6.2	235	1	MPN/100mL		05/17/21 1742	05/18/21 2137	KPP
Inorganics Total								
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus - Total as P	0.0128		0.0106	mg/L		05/17/21 1900	05/18/21 1037	CLW
Method: HACH 10360, Rv. 1.2								
Dissolved Oxygen	9.85		0.100	mg/L	H1,Y1		05/17/21 1944	AKS
General Parameters								
Method: SM 4500-H+ B-2011								
pH	7.35			S.U.	H1		05/17/21 1900	SRF
Temperature for pH	17.1			°C			05/17/21 1900	SRF

Client Sample ID: South	Collected By: Mark Sexton
Sample Matrix: Surface Water	Collection Date: 05/17/2021 11:15
Lab Sample ID: D1E1653-03	

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 9223 B (Colilert)-1997								
Escherichia coli	7.5	235	1	MPN/100mL		05/17/21 1742	05/18/21 2137	KPP
Inorganics Total								
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus - Total as P	0.0106		0.0106	mg/L		05/17/21 1900	05/18/21 1037	CLW
Method: HACH 10360, Rv. 1.2								
Dissolved Oxygen	9.74		0.100	mg/L	H1,Y1		05/17/21 1944	AKS
General Parameters								
Method: SM 4500-H+ B-2011								
pH	7.43			S.U.	H1		05/17/21 1900	SRF
Temperature for pH	17.6			°C			05/17/21 1900	SRF

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
- 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
- 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:

A handwritten signature in black ink that reads "Melisa L. Montgomery".

Melisa L. Montgomery
Quality Assurance Officer
Reported: 05/25/2021 18:04

Microbac Laboratories, Inc.

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Lab Report Address: **LMPA/Town of Hopkinton**
Invoice Address: **John Weste-lng**
Client Name: **LMPA - Lake Maspenock Preservation Associat**
Address: **7 Downey St, Hopkinton MA**
City, State, Zip: **Hopkinton MA**
Contact: **MARK SEFTON**
Telephone No.: **508-244-5074**

Send Report Via: Mail Fax e-mail (address)
Send Invoice via: Mail Fax e-mail (address)
Project: _____
Location: _____
PO No.: _____
Compliance Monitoring? Yes No
Agency/Program: _____
Sampler Signature: _____
Sampler Phone No.: _____

Sampled by (PRINT): _____
Date Collected: _____
Time Collected: _____
Matrix: _____
No. of Containers: _____
Preservative Types: _____
Grab/Comp: _____
Time Collected: _____

*** Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)
*** Preservative Types: (1) HNO₃, (2) H₂SO₄, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

Lab ID	Client Sample ID	Date Collected	Time Collected	Matrix	No. of Containers	Grab/Comp	Preservative Types	Sample Disposition	Relinquished By (signature)	Relinquished Date/Time	Received By (signature)	Received Date/Time	Additional Notes
	North		11:25am			X		<input type="checkbox"/> Dispose as appropriate <input type="checkbox"/> Return <input type="checkbox"/> Archive	<i>[Signature]</i>	5/17/21 12:00	<i>[Signature]</i>	5/17/21 12:00	
	Middle		11:20am			X			<i>[Signature]</i>	5/17/21 15:00	<i>[Signature]</i>	5/17/21 - 1500	
	South		11:15am			X			<i>[Signature]</i>	5/17/21 - 150 m/s	<i>[Signature]</i>	5/17/21 - 1725	

Possible Hazard Identification Hazardous Non-Hazardous

Comments: **430**

Date/Time	Relinquished By (signature)	Date/Time	Received By (signature)
5/17/21 12:00	<i>[Signature]</i>	5/17/21 12:00	<i>[Signature]</i>
5/17/21 15:00	<i>[Signature]</i>	5/17/21 15:00	<i>[Signature]</i>
5/17/21 - 150 m/s	<i>[Signature]</i>	5/17/21 - 150 m/s	<i>[Signature]</i>

Page 4 of 4