



Microbac Laboratories, Inc. - Dayville
 CERTIFICATE OF ANALYSIS

D1J1583

Lake Maspenock Preservation Association

Project Name: Pond Samples

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

Project / PO Number: CHK#668
 Received: 10/18/2021
 Reported: 10/25/2021

Analytical Testing Parameters

Client Sample ID:	North	Collected By:	Mark Sexton
Sample Matrix:	Surface Water	Collection Date:	10/18/2021 12:05
Lab Sample ID:	D1J1583-01		

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 9223 B (Colilert Quanti-Tray)-2004								
Escherichia coli	22.8	235	1	MPN/100mL		10/18/21 1716	10/19/21 1945	ARM

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus - Total as P	0.0159		0.0106	mg/L		10/20/21 2100	10/21/21 1049	CLW
Method Notes: A26								
Method: HACH 10360, Rv. 1.2								
Dissolved Oxygen	8.09		0.100	mg/L	H1,Y1	10/18/21 1940	10/18/21 1940	AKS

General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 4500-H+ B-2011								
pH	7.11			S.U.	H1		10/18/21 1900	SRF
Temperature for pH	16.3			°C			10/18/21 1900	SRF



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Client Sample ID: Middle	Collected By: Mark Sexton
Sample Matrix: Surface Water	Collection Date: 10/18/2021 12:10
Lab Sample ID: D1J1583-02	

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 9223 B (Colilert Quanti-Tray)-2004								
Escherichia coli	5.2	235	1	MPN/100mL		10/18/21 1716	10/19/21 1945	ARM
Inorganics Total								
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus - Total as P	0.0117		0.0106	mg/L		10/20/21 2100	10/21/21 1050	CLW
Method: HACH 10360, Rv. 1.2								
Dissolved Oxygen	7.95		0.100	mg/L	H1,Y1	10/18/21 1940	10/18/21 1940	AKS
General Parameters								
Method: SM 4500-H+ B-2011								
pH	7.05			S.U.	H1		10/18/21 1900	SRF
Temperature for pH	16.0			°C			10/18/21 1900	SRF

Client Sample ID: South	Collected By: Mark Sexton
Sample Matrix: Surface Water	Collection Date: 10/18/2021 12:15
Lab Sample ID: D1J1583-03	

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 9223 B (Colilert Quanti-Tray)-2004								
Escherichia coli	31.5	235	1	MPN/100mL		10/18/21 1716	10/19/21 1945	ARM
Inorganics Total								
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus - Total as P	0.0117		0.0106	mg/L		10/20/21 2100	10/21/21 1050	CLW
Method: HACH 10360, Rv. 1.2								
Dissolved Oxygen	8.13		0.100	mg/L	H1,Y1	10/18/21 1940	10/18/21 1940	AKS
General Parameters								
Method: SM 4500-H+ B-2011								
pH	7.09			S.U.	H1		10/18/21 1900	SRF
Temperature for pH	16.5			°C			10/18/21 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
A26:	Sample was not preserved to the pH required by the method.
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:

Melisa L. Montgomery
Quality Assurance Officer
Reported: 10/25/2021 09:52

Microbac Laboratories, Inc.

61 Louisa Viens Drive | Dayville, CT 06241 | 860.774.6814 p | www.microbac.com

CHAIN OF CUSTODY RECORD

MICROBAC 61 Louisa Viens Dr., Dayville, CT 06241 | 86

Lab Report Address

Client Name: *LMPA Town of Hopkinton*

Address: *2 Downey St.*

City, State, Zip: *Hopkinton MA 01748*

Contact: *MARK SUTTON*

Telephone No.: *508 284 5074*

Invoice

Client

Addi

City, State, Zip:

Contact:

Telephone No.:



D 1 J 1 5 8 3

LMPA - Lake Maspenock Preservation Association

Number

MR
Instructions on back

TO BE COMPLETED BY MICROBAC

7 business days (lab)

Temperature Upon Receipt (°C) *3.3 R*

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

[] Results Only [] Level 1 [] Level 2 [] Level 3 [] Level 4 [] EDD

Send Report via: [] Mail [] Fax [] e-mail (address)

Send Invoice via: [] Mail [] Fax [] e-mail (address)

Compliance Monitoring? [] Yes [] No

() Agency/Program

Location:

PO No.:

Sampler Signature:

Sampler Phone No.:

Sampled by (PRINT):

* 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

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab/Comp	Preservative Types	Sample Disposition	Date/Time	Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time	Additional Notes
	<i>NORTH</i>		<i>12:05</i>			<i>X</i>						<i>MP</i>	<i>10/18/2011 1330</i>	
	<i>Middle</i>		<i>12:10</i>			<i>X</i>						<i>MP</i>	<i>10-18-2011 15:00</i>	
	<i>SOUTH</i>		<i>12:15</i>			<i>X</i>						<i>MP</i>	<i>10/18/11 16:55</i>	