



Microbac Laboratories, Inc. - Dayville  
 CERTIFICATE OF ANALYSIS

D0E0558

Lake Maspenock Preservation Association

Project Name: Pond Samples

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

Project / PO Number: N/A  
 Received: 05/07/2020  
 Reported: 05/11/2020

Analytical Testing Parameters

Client Sample ID:	North	Collected By:	Mark Sexton
Sample Matrix:	Surface Water	Collection Date:	05/07/2020 8:25
Lab Sample ID:	D0E0558-01		

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: SM 9223 B (Colilert)-1997</b>								
Escherichia coli	1	235	1	MPN/100mL	H1	05/07/20 1745	05/08/20 1814	KPP
Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 365.1, Rv. 2 (1993)</b>								
Phosphorus - Total as P	0.0202		0.0106	mg/L		05/07/20 2025	05/08/20 1003	CLW
<b>Method: Wet Chem - W/SM 4500-O G-2001</b>								
Dissolved Oxygen	9.86		0.100	mg/L	H1,Y1	05/07/20 2031	05/07/20 2031	AKS
General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: Wet Chem - W/SM 4500-H+ B-2011</b>								
pH	7.58			S.U.	H		05/07/20 2100	MAD



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<b>Client Sample ID:</b> Middle	<b>Collected By:</b> Mark Sexton
<b>Sample Matrix:</b> Surface Water	<b>Collection Date:</b> 05/07/2020 8:10
<b>Lab Sample ID:</b> D0E0558-02	

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: SM 9223 B (Colilert)-1997</b>								
Escherichia coli	<1	235	1	MPN/100mL	H1	05/07/20 1745	05/08/20 1814	KPP
<b>Inorganics Total</b>								
<b>Method: EPA 365.1, Rv. 2 (1993)</b>								
Phosphorus - Total as P	0.0149		0.0106	mg/L		05/07/20 2025	05/08/20 1003	CLW
<b>Method: Wet Chem - W/SM 4500-O G-2001</b>								
Dissolved Oxygen	9.81		0.100	mg/L	H1,Y1	05/07/20 2031	05/07/20 2031	AKS
<b>General Parameters</b>								
<b>Method: Wet Chem - W/SM 4500-H+ B-2011</b>								
pH	7.42			S.U.	H		05/07/20 2100	MAD

<b>Client Sample ID:</b> South	<b>Collected By:</b> Mark Sexton
<b>Sample Matrix:</b> Surface Water	<b>Collection Date:</b> 05/07/2020 8:05
<b>Lab Sample ID:</b> D0E0558-03	

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: SM 9223 B (Colilert)-1997</b>								
Escherichia coli	<1	235	1	MPN/100mL	H1	05/07/20 1745	05/08/20 1814	KPP
<b>Inorganics Total</b>								
<b>Method: EPA 365.1, Rv. 2 (1993)</b>								
Phosphorus - Total as P	<0.0106		0.0106	mg/L		05/07/20 2025	05/08/20 1004	CLW
<b>Method: Wet Chem - W/SM 4500-O G-2001</b>								
Dissolved Oxygen	10.4		0.100	mg/L	H1,Y1	05/07/20 2031	05/07/20 2031	AKS
<b>General Parameters</b>								
<b>Method: Wet Chem - W/SM 4500-H+ B-2011</b>								
pH	7.42			S.U.	H		05/07/20 2100	MAD

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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DOE0558

**Definitions**

- H:** Sample was analyzed past holding time.
- 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.

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**Project Requested Certification(s)**

Microbac Laboratories, Inc. - Dayville  
M-CT008

Massachusetts Department of Environmental Protection

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**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: 05/11/2020 10:33



Microbac Labora  
61 Louisa Vier  
Dayville, CT



D 0 E 0 5 5 8

Lake Umbagog Preservation Association

page \_\_\_\_\_ of \_\_\_\_\_

bWO #:

Project Manager: *Matt Yang*

Copy of Report To

CUSTOMER: *in PA/Town of Hopkinton*  
ADDRESS: *7 Downey St*  
*Hopkinton MA 01748*  
DELIVERY:  
E-MAIL: *MARK\_SEFTON@yahoo.com*  
PHONES: *244-9074* FAX:

BILL TO: *John Westering*  
ADDRESS: *Hopkinton DPW*  
ATTN: *Hopkinton MA 01748*  
PHONE:  
E-MAIL:

Project Information

Project:  
Location:  
Project Mgr:  
E-MAIL:  
PHONE:  
FAX:

IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:

PURCHASE ORDER #:

Sample Identification	Date Collected	Time Collected	Sample Matrix	Sample Type		Bottle Qty	Analysis	Preservatives					
				Composite	Grab			NON-PRES	HCL	HNO <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	OTHER	
<i>North</i>	<i>5/7/20</i>	<i>8:25</i>	<i>SW</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>1</i>	<i>PH</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Middle</i>	<i>8:00</i>	<i>8:00</i>	<i>↓</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>1</i>	<i>PH</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>South</i>	<i>8:05</i>	<i>8:05</i>	<i>↓</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>1</i>	<i>PH</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CUSTODY TRANSFER

TURNAROUND TIME REQUESTED (select): Standard RUSH Day

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

SAMPLER: *Mark Sefton* DATE: *5/7/20* TIME: *9:05*  
RECEIVED:

Circle Delivery Method: E-MAIL HARD COPY OTHER

COMMENTS:

RELINQUISHED:  
RECEIVED: *Tom Doreau* *5/7/2020 15:20*  
RELINQUISHED: *Tom Doreau* *5/7/2020 16:30*  
RECEIVED: *Tom Doreau* *5/7/2020 16:30*

CONDITIONS UPON RECEIPT: (CHECK ONE)  
 COOLED  AMBIENT  4.4 °C Upon receipt at lab