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Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D0H2647

Lake Maspenock Preservation Association

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

Project Name: Pond Samples

Project / PO Number: N/A
Received: 08/27/2020
Reported: 08/31/2020

Analytical Testing Parameters

Client Sample ID: North
Sample Matrix: Surface Water
Lab Sample ID: D0H2647-01
Collected By: Mark Sexton
Collection Date: 08/27/2020 8:55

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 9223 B (Colilert)-1997								
Escherichia coli	2	235	1	MPN/100mL		08/27/20 1612	08/28/20 1800	KPP

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus - Total as P	<0.0106		0.0106	mg/L		08/27/20 2000	08/28/20 1355	DCH
Method: SM 4500-O G-2001								
Dissolved Oxygen	7.84		0.100	mg/L	**H1,Y1**	08/27/20 2037	08/27/20 2037	AKS

General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 4500-H+ B-2011								
pH	7.67			S.U.	**H**		08/27/20 2000	MAD
Temperature for pH	20.1			°C			08/27/20 2000	MAD

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Client Sample ID:	Middle		
Sample Matrix:	Surface Water	**Collected By:**	Mark Sexton
Lab Sample ID:	D0H2647-02	**Collection Date:**	08/27/2020 8:40

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 9223 B (Colilert)-1997								
Escherichia coli	8.6	235	1	MPN/100mL		08/27/20 1612	08/28/20 1800	KPP

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus - Total as P	<0.0106		0.0106	mg/L		08/27/20 2000	08/28/20 1355	DCH
Method: SM 4500-O G-2001								
Dissolved Oxygen	7.39		0.100	mg/L	**H1,Y1**	08/27/20 2037	08/27/20 2037	AKS

General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 4500-H+ B-2011								
pH	7.39			S.U.	**H**		08/27/20 2000	MAD
Temperature for pH	20.3			°C			08/27/20 2000	MAD

Client Sample ID:	South		
Sample Matrix:	Surface Water	**Collected By:**	Mark Sexton
Lab Sample ID:	D0H2647-03	**Collection Date:**	08/27/2020 8:30

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 9223 B (Colilert)-1997								
Escherichia coli	8.6	235	1	MPN/100mL		08/27/20 1612	08/28/20 1800	KPP

Inorganics Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 365.1, Rv. 2 (1993)								
Phosphorus - Total as P	0.0170		0.0106	mg/L		08/27/20 2000	08/28/20 1356	DCH
Method: SM 4500-O G-2001								
Dissolved Oxygen	7.44		0.100	mg/L	**H1,Y1**	08/27/20 2037	08/27/20 2037	AKS

General Parameters	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: SM 4500-H+ B-2011								
pH	7.39			S.U.	**H**		08/27/20 2000	MAD
Temperature for pH	20.3			°C			08/27/20 2000	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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D0H2647

Definitions

°C:	Degrees Celsius
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.

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: 08/31/2020 16:27

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Lake Maspenock Preservation Association

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Lab WO #:

Project Manager: MATT YOUNG

Copy of Report To

CUSTOMER: LMPA / Town of Hopkinton

ADDRESS: 7 Downey St
Hopkinton MA

DELIVERY:

E-MAIL: MARKLSexton1@yahoo.com

PHONE: 508 244-5074 FAX:

Billing Information

BILL TO: John Westerling

ADDRESS: Hopkinton DPW
Hopkinton MA 01748

ATTN:

PHONE:

E-MAIL:

PURCHASE ORDER #:

Project Information

Project:

Location:

Project Mgr:

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

E-MAIL:

PHONE:

FAX:

Sample Identification	Date Collected	Time Collected	Sample Matrix	Sample Type: Composite	Sample Type: Grab	Bottle Qty	Analysis: PH	Analysis: Alk	Analysis: PO4	Analysis: DO	Preservatives: NON-PRES	Preservatives: HCL	Preservatives: HNO_3	Preservatives: H_2SO_4	Preservatives: OTHER
North	8/27/20	8:55	SW		X		✓	✓	✓	✓	X				
Middle	↓	8:40	↓		X		✓	✓	✓	✓	X				
South		8:30			X		✓	✓	✓	✓	X				

CUSTODY TRANSFER	DATE	TIME
SAMPLER:	8/27/20	9:43
RECEIVED:	8/27/2020	9:43
RELINQUISHED:	8/27/2020	1500
RECEIVED:	8/27/20	1500
RELINQUISHED:	8/27/20	1600
RECEIVED:	8/27/2020	1600

TURNAROUND TIME REQUESTED (select): Standard RUSH ____ Day

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

Circle Delivery Method: E-MAIL HARD COPY OTHER

COMMENTS:

CONDITIONS UPON RECEIPT: (CHECK ONE)

COOLED ☐ AMBIENT ☐ 2.5 °C Upon receipt at lab

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