



Microbac Laboratories, Inc., Scranton Division

CERTIFICATE OF ANALYSIS

T7E0992

Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCES

Project Name: Long Lake 4

Fred Hauck
20104 NYS Route 3
Watertown, NY 13601

Project / PO Number: N/A
Received: 05/16/2017 10:00
Reported: 05/31/2017 12:47

Analytical Testing Parameters

Client Sample ID: 10
Lab Sample ID: T7E0992-01
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:50

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.00658	0.0150	0.000500	mg/L		05/18/17 1045	05/19/17 1328	NY

Analytical Testing Parameters

Client Sample ID: 9
Lab Sample ID: T7E0992-02
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:49

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.0479	0.0150	0.000500	mg/L	GX	05/18/17 1045	05/19/17 1328	NY

Analytical Testing Parameters

Client Sample ID: 7
Lab Sample ID: T7E0992-03
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:45

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.282	0.0150	0.000500	mg/L	GX	05/18/17 1045	05/19/17 1328	NY

Analytical Testing Parameters

Client Sample ID: 12
Lab Sample ID: T7E0992-04
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:52

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.0127	0.0150	0.000500	mg/L		05/18/17 1045	05/19/17 1328	NY

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Page 1 of 6



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CERTIFICATE OF ANALYSIS

T7E0992

Analytical Testing Parameters

Client Sample ID: 2
Lab Sample ID: T7E0992-05
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:39

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.0107	0.0150	0.000500	mg/L		05/18/17 1045	05/19/17 1328	NY

Analytical Testing Parameters

Client Sample ID: 4
Lab Sample ID: T7E0992-06
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:40

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.0162	0.0150	0.000500	mg/L	GX	05/18/17 1045	05/19/17 1328	NY

Analytical Testing Parameters

Client Sample ID: 3
Lab Sample ID: T7E0992-07
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:40

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.0240	0.0150	0.000500	mg/L	GX	05/18/17 1045	05/19/17 1328	NY

Analytical Testing Parameters

Client Sample ID: 6
Lab Sample ID: T7E0992-08
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:43

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.0508	0.0150	0.000500	mg/L	GX	05/18/17 1045	05/19/17 1328	NY

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Page 2 of 6



Microbac Laboratories, Inc., Scranton Division

CERTIFICATE OF ANALYSIS

T7E0992

Analytical Testing Parameters

Client Sample ID: 1
Lab Sample ID: T7E0992-09
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:37

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.250	0.0150	0.000500	mg/L	GX	05/18/17 1045	05/19/17 1328	NY

Analytical Testing Parameters

Client Sample ID: 8
Lab Sample ID: T7E0992-10
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:46

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.0523	0.0150	0.000500	mg/L	GX	05/18/17 1045	05/19/17 1328	NY

Analytical Testing Parameters

Client Sample ID: 11
Lab Sample ID: T7E0992-11
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:51

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.0151	0.0150	0.000500	mg/L	GX	05/18/17 1045	05/19/17 1328	NY

Analytical Testing Parameters

Client Sample ID: 5
Lab Sample ID: T7E0992-12
Sample Type: Grab

Collected By: RF/FH-Client
Collection Date: 05/11/17
Collection Time: 13:41

Lead and/or Copper, Total - ICP/MS	Result	AL	PQL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8, Rv 5.4								
Lead	0.0182	0.0150	0.000500	mg/L	GX	05/18/17 1045	05/19/17 1328	NY

Laboratory

NY: Microbac Laboratories, Inc., New York Division

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Page 3 of 6



Microbac Laboratories, Inc., Scranton Division

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Definitions

AL: US EPA Action Level
RL: Reporting Limit
X: Exceeds regulatory limit.
G: Result fails applicable NYS drinking water standards

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 5.8°C

Cooler Inspection Checklist

Custody Seals Intact and/or No Evidence of Tampering	Yes	Containers Intact	Yes
COC/Labels Agree	Yes	Preservation Correct (or not required)	Yes
Received on Ice (or not required)	Yes		

Project Requested Certification(s)

Microbac Laboratories, Inc., New York Division
NY Lab ID No.: 10795

New York State Department of Health

Report Comments

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

Reviewed and Approved By:

Andrew Canale
Project Manager
05/31/2017 12:47

Go Green: Contact Andrew Canale to set up email reporting and invoicing options.

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. For any feedback concerning our services, please contact Andrew Canale, Project Manager at andrew.canale@microbac.com. You may also contact Christine Pechacek, Laboratory Director at christine.pechacek@microbac.com or Robert Crookston, President at robert.crookston@microbac.com.

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Page 4 of 6

Microbac Laboratories, Inc. CHAIN OF CUSTODY

Lough Lake 4

Samples must be returned on ice

MNY Workorder #

Client Information				Billing/Invoicing			
Name:				Jefferson-Lewis-Hamilton-Herkimer-Onei			
Address:				20104 NYS Route 3			
Contact:				Watertown, NY 13601			
Phone:				Ray Filley			
Project:				315-779-7054			
Quote ID:				Lead Testing			
Rush TAT Est. Days:				2-5 3-7 7-10			
Release to DOM: Yes				Date Req:			
Email Results: Yes				riley@boces.com			
Fax Results: Yes				riley@boces.com			
Sample Information							
Description/Location	Date	Time	Initial	Matrix	Type	Number of Containers for Analysis Requested	
10	5/11/17	1:50	RF	HNO3			
9		1:49					
7		1:45					
12		1:52					
2		1:39					
4		1:40					
3		1:40					
6		1:43					
Sampled: Ray Filley Received: Jessica Walczak Received: Received: Received: Received:							
Signature: [Signature] Date/Time: 5/15/17 Comments: No Acid							



Jefferson-Lewis-Hamilton-Herkimer-Onei

Microbac Laboratories (MNY) may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to another accredited laboratory. By signing this document you are attesting that you have been informed by MNY of the intent to subcontract and are in agreement with it.

Microbac Laboratories, Inc. CHAIN OF CUSTODY

Samples must be returned on ice

MNY Workorder #

Client Information				Billing/Invoices				Analytic Requested				Receiving Info (Lab Use Only)																			
Name: <u>Laure Lake 4</u>				Address: <u>20104 NYS Route 3</u>				Contact: <u>Ray Filley</u>				Ice: <u>YES</u> NO																			
Phone: <u>315-779-7054</u>				Project: <u>Lead Testing</u>				Quote ID: <u>200.8 Lead</u>				Cooler: <u>YES</u> NO																			
Ruth TAT Bar, Dayn: <u>42 2-5 5-7 7-10</u>				Release to DOH: <u>Yes</u>				Email Results: <u>Yes</u>				Sample Temp: <u>5.8C</u>																			
Fax Results: <u>Yes</u>				PO#: <u>11111</u>				Date Recd: <u>5/11/17</u>				Cooler Used: <u>YES</u> NO																			
Email: <u>riley@boces.com</u>				Fax: <u>315-779-7054</u>				Date Recd: <u>5/11/17</u>				Pickup: <u>YES</u> NO																			
Fax: <u>315-779-7054</u>				Date Recd: <u>5/11/17</u>				Dropoff: <u>YES</u> NO				Accepted? <u>YES</u>																			
Sample Information				Description/Location				Date				Time				Initial				Matrix Type				Number of Containers for Analysis Requested				Comments/Findings			
1	8	11	5					5/11/17	1:37	1:40	1:51	1:41	RF LS																		
2																															
3																															
4																															
5																															
6																															
7																															
8																															

Signature		Date/Time	
<u>Ray Filley</u>	<u>5/11/17</u>	<u>10:00</u>	<u>10:00</u>
<u>Jessica Warrick</u>	<u>5/11/17</u>	<u>10:00</u>	<u>10:00</u>

NO ACID