



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J7A0525

Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCES

Project Name: Long Lake 2

Fred Hauck
20104 NYS Route 3
Watertown, NY 13601

Project / PO Number: N/A
Received: 01/06/2017
Reported: 02/13/2017

Analytical Testing Parameters

Client Sample ID:	1	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:10
Lab Sample ID:	J7A0525-01		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0775	0.015 AL	0.000500	mg/L	X	01/19/17 1025	01/23/17 1811	NY

Client Sample ID:	15	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:27
Lab Sample ID:	J7A0525-02		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.229	0.015 AL	0.000500	mg/L	E2, X	01/25/17 0847	01/30/17 1357	NY

Client Sample ID:	19	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:35
Lab Sample ID:	J7A0525-03		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.00751	0.015 AL	0.000500	mg/L		01/19/17 1025	01/23/17 1811	NY

Client Sample ID:	4	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:13
Lab Sample ID:	J7A0525-04		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0133	0.015 AL	0.000500	mg/L		01/19/17 0912	01/19/17 1431	NY



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Client Sample ID:	3	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:12
Lab Sample ID:	J7A0525-05		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0390	0.015 AL	0.000500	mg/L	X	01/20/17 1301	01/27/17 1933	NY

Client Sample ID:	9	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:19
Lab Sample ID:	J7A0525-06		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0102	0.015 AL	0.000500	mg/L		01/19/17 0912	01/19/17 1431	NY

Client Sample ID:	23	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:38
Lab Sample ID:	J7A0525-07		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0524	0.015 AL	0.000500	mg/L	X	01/19/17 1025	01/23/17 1811	NY

Client Sample ID:	2	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:11
Lab Sample ID:	J7A0525-08		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0546	0.015 AL	0.000500	mg/L	X	01/19/17 0912	01/19/17 1431	NY

Client Sample ID:	16	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:28
Lab Sample ID:	J7A0525-09		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.00808	0.015 AL	0.000500	mg/L		01/19/17 0912	01/19/17 1431	NY

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Client Sample ID:	20	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:38
Lab Sample ID:	J7A0525-10		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0145	0.015 AL	0.000500	mg/L		01/24/17 1526	02/08/17 1632	NY

Client Sample ID:	5	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:14
Lab Sample ID:	J7A0525-11		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.00929	0.015 AL	0.000500	mg/L		01/19/17 0912	01/19/17 1431	NY

Client Sample ID:	13	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:26
Lab Sample ID:	J7A0525-12		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0660	0.015 AL	0.000500	mg/L	X	01/19/17 0921	01/19/17 1431	NY

Client Sample ID:	10	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:20
Lab Sample ID:	J7A0525-13		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0443	0.015 AL	0.000500	mg/L	X	01/19/17 0912	01/19/17 1431	NY

Client Sample ID:	6	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:16
Lab Sample ID:	J7A0525-14		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0312	0.015 AL	0.000500	mg/L	X	01/19/17 0912	01/19/17 1431	NY

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Client Sample ID:	21	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:36
Lab Sample ID:	J7A0525-15		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0141	0.015 AL	0.000500	mg/L		01/19/17 0921	01/19/17 1431	NY

Client Sample ID:	18	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:30
Lab Sample ID:	J7A0525-16		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.375	0.015 AL	0.000500	mg/L	E2, X	01/20/17 1301	01/27/17 1933	NY

Client Sample ID:	12	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:22
Lab Sample ID:	J7A0525-17		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0105	0.015 AL	0.000500	mg/L		01/19/17 0921	01/19/17 1431	NY

Client Sample ID:	8	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:18
Lab Sample ID:	J7A0525-18		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0245	0.015 AL	0.000500	mg/L	X	01/20/17 1301	01/27/17 1933	NY

Client Sample ID:	7	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:17
Lab Sample ID:	J7A0525-19		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0312	0.015 AL	0.000500	mg/L	X	01/19/17 0921	01/19/17 1431	NY

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Client Sample ID:	11	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:21
Lab Sample ID:	J7A0525-20		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0349	0.015 AL	0.000500	mg/L	X	01/19/17 0921	01/19/17 1431	NY

Client Sample ID:	17	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:29
Lab Sample ID:	J7A0525-21		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0123	0.015 AL	0.000500	mg/L		01/19/17 0912	01/19/17 1431	NY

Client Sample ID:	22	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:37
Lab Sample ID:	J7A0525-22		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0460	0.015 AL	0.000500	mg/L	X	01/19/17 0912	01/19/17 1431	NY

Client Sample ID:	14	Collected By:	LS-Client
Sample Matrix:	Drinking Water	Collection Date:	01/04/2017 13:26
Lab Sample ID:	J7A0525-23		

Lead and/or Copper, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Lab
Method: EPA 200.8/EPA 200.8, Rv 5.4								
Lead	0.0150	0.015 AL	0.000500	mg/L	X	01/19/17 0912	01/19/17 1431	NY

Laboratory

NY: Microbac Laboratories, Inc., New York Division

Definitions

AL: Action Level
E2: Estimated result due to target analyte exceeding calibration range.
RL: Reporting Limit
X: Exceeds regulatory limit.

Project Requested Certification(s)

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

New York State Department of Health

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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.

Limits may be 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.

Reviewed and Approved By:

Andrew Canale
Project Manager
andrew.canale@microbac.com
02/13/2017 09:25

:(607)753-3403 Fax:(607)753-3415
NY #10795, EPA #NY00935

Microbac Laboratories, Inc.
CHAIN OF CUSTODY

Samples must be returned on ice

MNY Workorder# 033

[illegible]

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By signing this document you are attesting that you have been informed by MANY of the intent to subcontract and are in agreement with the subcontractor's (MANY) may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to another certified laboratory.

Corland NY 13046
 Phone: (607) 753-3403 Fax: (607) 753-3415
 NY #10795, EPA #NY00935

Microbac Laboratories, Inc. **CHAIN OF CUSTODY**

Samples must be returned on ice
 MNY Workorder #

Client Information				Billing/Invoice				Analytix Requested				Receiving Info (Lab Use Only)			
Name: Jackson-Lewis-Hamilton-Hackins, Onaida BOCES				Address: 20104 NYS Route 3				Ice: YES NO				Cooler: YES NO			
Contact: Watertown, NY 13601				Phone: Ray Filley				Sample Temp:				Cooler Seal: YES NO			
Project: Lead Testing				Quote ID: PO#:				Pickup: YES NO				Dropoff: C W			
Rush TAT Est. Days: 2-5 5-7 7-10				Date Req:				Acceptable? YES NO				Container Material			
Relays to DOH: Yes				Email Results: Yes				Container Size (in MI)				Preparative			
Fax Results: Yes				Email Results: rilley@booces.com / rilley@booces.com				Number of Containers for Analysis Requested				Comment/Field Data			
Sample Information				Matrix				Type							
Description/Location		Date		Time		Initial									
2		1/4		1:11		LS									
16		1		1:28											
20		1		1:36											
5		1		1:44											
13		1		1:26											
10		1		1:20											
6		1		1:16											
21		1		1:36											
Print Name and Company				Signature				Date/Time				Comments			
Sampled: Laura Spiller				[Signature]				1/4/16 1:50							
Received: Ernest Spiller				[Signature]				1/6/16 10:55							
Received:															
Received:															
Received:															
Received:															

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 certifying that you have been informed by MNY of the intent to subcontract and are in agreement with this.

Phone: (607) 763-3403 Fax: (607) 763-3415
 NY #10795, EPA #NY00836

Microbac Laboratories, Inc. Samples must be returned on ice **CHAIN OF CUSTODY** MNY Workorder # _____

Client Information				Billing/Invoice:				Analysis Requested				Recalling Info (Lab Use Only)			
Name: Jefferson-Lewis-Henderson-Barker Oxide BOCES				Address: 20104 NYS Route 3				Water town, NY 13601				Ice: YES NO			
Contact: Ray Filley				Phone: 315-779-7054				Project: Lead Testing				Cooler: YES NO			
Quote ID: _____				Date Recd: _____				Sample Temp: _____				Cooler Seal: YES NO			
Rush YAT Bar Days: 4-2-5 5-7 7-10				Date Req: _____				Pickup: YES NO				Dropoff: C W			
Email Results: Yes				Email Results: Yes				Accepted: YES NO				Container Material: _____			
Fax Results: Yes				Fax Results: Yes				Container Size (in ml): _____				Preservatives: _____			
Description/Location				Data				Time				Initial			
Matrix				Type				Number of Containers for Analysis Requested				Comments/Field Data			
1	18	1/4	2138	LS											
2	12		1122												
3	8		118												
4	7		117												
5	11		121												
6	17		129												
7	22		137												
8	14		126												
Print Name and Company				Signature				Date/Time				Comments			
Sampled: _____				_____				1/6/10							
Retained: _____				_____				1/6/10							
Received: _____				_____				1/6/10							
Received: _____				_____				1/6/10							
Received: _____				_____				1/6/10							
Received: _____				_____				1/6/10							