



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J8J0513

Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCES

Project Name: Lead Testing - GB-GP 4

Fred Hauck
20104 NYS Route 3
Watertown, NY 13601

Project / PO Number: N/A
Received: 10/05/2018
Reported: 10/16/2018

Analytical Testing Parameters

Table with 4 rows: Client Sample ID (101), Sample Matrix (Drinking Water), Lab Sample ID (J8J0513-01), Collected By (RF - Client), Collection Date (10/02/2018 7:24)

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals, Total - ICP/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row 1: Method: EPA 200.8, Rv. 5.4; Row 2: Lead, 0.0045, 0.015 AL, 0.0010, mg/L, 10/10/18 1537, 10/11/18 1420, DLO

Table with 4 rows: Client Sample ID (103B), Sample Matrix (Drinking Water), Lab Sample ID (J8J0513-02), Collected By (RF - Client), Collection Date (10/02/2018 7:26)

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals, Total - ICP/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row 1: Method: EPA 200.8, Rv. 5.4; Row 2: Lead, 0.0056, 0.015 AL, 0.0010, mg/L, 10/10/18 1537, 10/11/18 1426, DLO

Table with 4 rows: Client Sample ID (110B), Sample Matrix (Drinking Water), Lab Sample ID (J8J0513-03), Collected By (RF - Client), Collection Date (10/02/2018 7:30)

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals, Total - ICP/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row 1: Method: EPA 200.8, Rv. 5.4; Row 2: Lead, 0.0039, 0.015 AL, 0.0010, mg/L, 10/10/18 1537, 10/11/18 1428, DLO

Table with 4 rows: Client Sample ID (103), Sample Matrix (Drinking Water), Lab Sample ID (J8J0513-04), Collected By (RF - Client), Collection Date (10/02/2018 7:26)

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals, Total - ICP/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row 1: Method: EPA 200.8, Rv. 5.4; Row 2: Lead, 0.0070, 0.015 AL, 0.0010, mg/L, 10/10/18 1537, 10/11/18 1431, DLO



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J8J0513

<b>Client Sample ID:</b> 110	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:30
<b>Lab Sample ID:</b> J8J0513-05	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0072	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1433	DLO

<b>Client Sample ID:</b> 108B	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:28
<b>Lab Sample ID:</b> J8J0513-06	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0031	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1439	DLO

<b>Client Sample ID:</b> 107B	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:31
<b>Lab Sample ID:</b> J8J0513-07	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0046	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1441	DLO

<b>Client Sample ID:</b> 107	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:31
<b>Lab Sample ID:</b> J8J0513-08	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0027	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1443	DLO



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J8J0513

<b>Client Sample ID:</b> 105	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:29
<b>Lab Sample ID:</b> J8J0513-09	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0032	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1444	DLO

<b>Client Sample ID:</b> 112	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:32
<b>Lab Sample ID:</b> J8J0513-10	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0131	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1446	DLO

<b>Client Sample ID:</b> 109	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:33
<b>Lab Sample ID:</b> J8J0513-11	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0031	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1448	DLO

<b>Client Sample ID:</b> 112B	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:32
<b>Lab Sample ID:</b> J8J0513-12	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0049	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1452	DLO



Microbac Laboratories, Inc., New York Division

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<b>Client Sample ID:</b> 104	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:23
<b>Lab Sample ID:</b> J8J0513-13	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0039	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1454	DLO

<b>Client Sample ID:</b> 106B	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:25
<b>Lab Sample ID:</b> J8J0513-14	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0040	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1456	DLO

<b>Client Sample ID:</b> 106	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:25
<b>Lab Sample ID:</b> J8J0513-15	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0045	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1501	DLO

<b>Client Sample ID:</b> 101B	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:24
<b>Lab Sample ID:</b> J8J0513-16	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0090	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1503	DLO



Microbac Laboratories, Inc., New York Division

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J8J0513

<b>Client Sample ID:</b> 104B	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:23
<b>Lab Sample ID:</b> J8J0513-17	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0017	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1505	DLO

<b>Client Sample ID:</b> 114	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:34
<b>Lab Sample ID:</b> J8J0513-18	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0051	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1507	DLO

<b>Client Sample ID:</b> 111	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:36
<b>Lab Sample ID:</b> J8J0513-19	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0044	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1509	DLO

<b>Client Sample ID:</b> 109B	<b>Collected By:</b> RF - Client
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/02/2018 7:33
<b>Lab Sample ID:</b> J8J0513-20	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4</b>								
Lead	0.0053	0.015 AL	0.0010	mg/L		10/10/18 1537	10/11/18 1510	DLO



Microbac Laboratories, Inc., New York Division

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Client Sample ID: 114B	Collected By: RF - Client
Sample Matrix: Drinking Water	Collection Date: 10/02/2018 7:34
Lab Sample ID: J8J0513-21	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.0054	0.015 AL	0.0010	mg/L		10/11/18 1219	10/11/18 1617	DLO

Client Sample ID: 111B	Collected By: RF - Client
Sample Matrix: Drinking Water	Collection Date: 10/02/2018 7:36
Lab Sample ID: J8J0513-22	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.0033	0.015 AL	0.0010	mg/L		10/11/18 1219	10/11/18 1700	DLO

Client Sample ID: 108	Collected By: RF - Client
Sample Matrix: Drinking Water	Collection Date: 10/02/2018 7:28
Lab Sample ID: J8J0513-23	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.0055	0.015 AL	0.0010	mg/L		10/12/18 0822	10/12/18 0929	DLO

Client Sample ID: 105B	Collected By: RF - Client
Sample Matrix: Drinking Water	Collection Date: 10/02/2018 7:29
Lab Sample ID: J8J0513-24	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.0021	0.015 AL	0.0010	mg/L		10/12/18 0822	10/12/18 0931	DLO

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.

Definitions

- AL: US EPA Action Level
- RL: Reporting Limit



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**Project Requested Certification(s)**

Microbac Laboratories, Inc. - Dayville  
11549

New York State Department of Health

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.*

*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.*

**Reviewed and Approved By:**

Brenna Murray  
Project Manager

Reported: 10/16/2018 09:48

CB-GP-04

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

Samples must be returned on ice  
 MNY Workorder #

Billing/Invoice:

**Client Information**  
 Name: Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCES  
 Address: 20104 NYS Route 3  
 Watertown, NY 13601  
 Contact: Ray Filley  
 Phone: 315-779-7054  
 Project: Lead Testing  
 Queue ID: \_\_\_\_\_  
 Rush TAT Bus. Days: 2-5 5-7 7-10  
 Release to DOH: Yes  
 Email Results: Yes  
 Fax Results: Yes  
 PO#: \_\_\_\_\_  
 Date Req.: \_\_\_\_\_  
 Email: rfilley@boces.com / fhauck@boces.com

**Recycling Info (Lab Use Only)**  
 Ice: YES NO  
 Cooler: YES NO  
 Sample Temp: 16.0  
 Cooler Seal: YES NO  
 Pickup: YES NO  
 Dropoff: C W  
 Accepted? YES NO  
 Container Material  
 Container Size (in ml)  
 Preservative



Jefferson-Lewis-Hamilton-Herkimer-Oneid

Sample #	Description/Location	Sample Information			Matrix Type	Number of Containers for Analysis Requested	Comments/Field Data
		Date	Time	Initial			
1	101	10/2	724	RF	200.8 Lead		
2	103B		726		P		
3	110B		730		250		
4	103		726		HNO3		
5	110		730				
6	108B		728				
7	107B		731				
8	107		731				

**Signature and Date/Time**

Signature: [Handwritten Signature]  
 Date/Time: 10/18 5:00  
 10518950 NO ACID

**Received:** \_\_\_\_\_  
**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 attesting that you have been informed by MNY of the intent to subcontract and are in agreement.

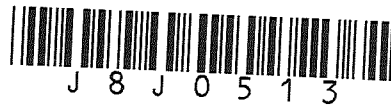




CB-CP4

**Microbac Laboratories, Inc.** Samples must be returned on ice  
**CHAIN OF CUSTODY**

MNY Workorder #



Jefferson-Lewis-Hamilton-Herkimer-Oneid

Client Information		Billing/Invoice	
Name:	Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCES		
Address:	20104 NYS Route 3 Watertown, NY 13601		
Contact:	Ray Filley		
Phone:	315-779-7054		
Project:	Lead Testing		
Quote ID:			
Rush TAT Bus. Days:	2-5 5-7 7-10	PO#:	
Release to DOH: Yes		Date Req.:	
Email Results: Yes			
Fax Results: Yes			

Sample Information		Matrix	
Description/Location	Date	Time	Initial
1 104B	10/2	723	RF
2 114		734	
3 111		736	
4 109B		733	
5 114B		734	
6 111B		736	
7 108		728	
8 105B		729	

Sample Information		Matrix	
Description/Location	Date	Time	Initial
200.8 Lead			
P			
250			
HNO3			

Receiving Info (Lab Use Only)	
Ice:	YES NO
Cooler:	YES NO
Sample Temp:	10.0
Cooler Seal:	YES NO
Pickup:	YES NO
Dropoff:	C W
Accepted?	YES NO

Number of Containers for Analysis Requested		Comments/Field Data	
Matrix	Type	Date/Time	Comments
		10/2/18	
		10/18/18	NO ACID

Sampled:	Print Name and Company	Signature	Date/Time
Received:			
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 attesting that you have been informed by MNY of the intent to subcontract and are in agreement.