



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6K0412

Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCES

Project Name: MJRS 22

Fred Hauck  
20104 NYS Route 3  
Watertown, NY 13601

Project / PO Number: N/A  
Received: 10/31/2016 13:46  
Reported: 12/14/2016 21:46

Analytical Testing Parameters

Client Sample ID: 57  
Lab Sample ID: J6K0412-01  
Sample Type: Grab

Collected By: RF-Client  
Collection Date: 10/27/16  
Collection Time: 06:58

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	0.00816	0.0150	0.00100	mg/L		12/07/16 0800	12/10/16 0008

Analytical Testing Parameters

Client Sample ID: 64 E  
Lab Sample ID: J6K0412-02  
Sample Type: Grab

Collected By: RF-Client  
Collection Date: 10/27/16  
Collection Time: 07:02

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	0.00517	0.0150	0.00100	mg/L		12/07/16 0800	12/10/16 0010

Analytical Testing Parameters

Client Sample ID: 61  
Lab Sample ID: J6K0412-03  
Sample Type: Grab

Collected By: RF-Client  
Collection Date: 10/27/16  
Collection Time: 07:02

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	0.0103	0.0150	0.00100	mg/L		12/07/16 0800	12/10/16 0010



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6K0412

Analytical Testing Parameters

Client Sample ID: 63
Lab Sample ID: J6K0412-04
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 07:03

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00894, 0.0150, 0.00100, mg/L, 12/07/16 0800, 12/10/16 0011

Analytical Testing Parameters

Client Sample ID: 53
Lab Sample ID: J6K0412-05
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 06:55

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.0122, 0.0150, 0.00100, mg/L, 12/07/16 0800, 12/10/16 0012

Analytical Testing Parameters

Client Sample ID: 59 E
Lab Sample ID: J6K0412-06
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 06:58

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00720, 0.0150, 0.00100, mg/L, 12/07/16 0800, 12/10/16 0012



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6K0412

Analytical Testing Parameters

Client Sample ID: 56
Lab Sample ID: J6K0412-07
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 06:58

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.0111, 0.0150, 0.00100, mg/L, 12/07/16 0800, 12/10/16 0013

Analytical Testing Parameters

Client Sample ID: 58
Lab Sample ID: J6K0412-08
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 06:58

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00775, 0.0150, 0.00100, mg/L, 12/07/16 0800, 12/10/16 0015

Analytical Testing Parameters

Client Sample ID: 55 E
Lab Sample ID: J6K0412-09
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: N/A

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00899, 0.0150, 0.00100, mg/L, 12/07/16 0800, 12/10/16 0016



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6K0412

Analytical Testing Parameters

Client Sample ID: 60
Lab Sample ID: J6K0412-10
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 07:00

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.191, 0.0150, 0.00100, mg/L, GE, 12/07/16 0800, 12/10/16 0016

Analytical Testing Parameters

Client Sample ID: 62
Lab Sample ID: J6K0412-11
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 07:02

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.00789, 0.0150, 0.00100, mg/L, 12/07/16 0800, 12/10/16 0018

Analytical Testing Parameters

Client Sample ID: 52
Lab Sample ID: J6K0412-12
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 06:54

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.0118, 0.0150, 0.00100, mg/L, 12/07/16 0800, 12/10/16 0019



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6K0412

Analytical Testing Parameters

Client Sample ID: 68 E
Lab Sample ID: J6K0412-13
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 07:06

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00306, 0.0150, 0.00100, mg/L, 12/07/16 0800, 12/10/16 0020

Analytical Testing Parameters

Client Sample ID: 66
Lab Sample ID: J6K0412-14
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 07:05

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.0262, 0.0150, 0.00100, mg/L, G, 12/07/16 0800, 12/10/16 0020

Analytical Testing Parameters

Client Sample ID: 65
Lab Sample ID: J6K0412-15
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 07:05

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.0221, 0.0150, 0.00100, mg/L, G, 12/07/16 0800, 12/10/16 0021



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6K0412

Analytical Testing Parameters

Client Sample ID: 54
Lab Sample ID: J6K0412-16
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 06:56

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.211, 0.0150, 0.00100, mg/L, GE, 12/07/16 0800, 12/10/16 0023

Analytical Testing Parameters

Client Sample ID: 67
Lab Sample ID: J6K0412-17
Sample Type: Grab

Collected By: RF-Client
Collection Date: 10/27/16
Collection Time: 07:06

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: EPA 200.8 Rev 5.4, Lead, 0.00726, 0.0150, 0.00100, mg/L, 12/07/16 0800, 12/10/16 0024

Laboratory

NY: Microbac Laboratories, Inc., New York Division

Definitions

- AL: Action Level
E: Estimated result
RL: Reporting Limit
G: Result fails applicable NYS drinking water standards

Cooler Receipt Log

Cooler ID: Default Cooler Temp: °C

Cooler Inspection Checklist

Table with 4 columns: Item, Yes, No, Yes. Rows: Custody Seals Intact and/or No Evidence of Tampering, COC/Labels Agree, Received on Ice (or not required)

Project Requested Certification(s)

Table with 2 columns: Microbac Laboratories, Inc., New York Division; NY Lab ID No.: 10795; Microbac Laboratories, Inc. - Chicagoland; NY Lab ID No: 12006; PA DEP ID: 68-04863; New York State Department of Health; New York State Department of Health; Pennsylvania Department of Environmental Protection



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6K0412

**Report Comments**

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

**Reviewed and Approved By:**

A handwritten signature in black ink, appearing to read "Andrew Canale", written over a light gray rectangular background.

Andrew Canale For Michael Fifield  
Division Manager  
12/14/2016 21:46

**Go Green:** Contact Michael Fifield 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 Michael Fifield, Project Manager at michael.fifield@microbac.com. You may also contact Michael Fifield, Managing Director at michael.fifield@microbac.com or Robert Crookston, President at robert.crookston@microbac.com.*





# Microbac Laboratories, Inc. Samples must be returned on ice

## CHAIN OF CUSTODY

MIRS 22

MNY Workorder #

Client Information		Billing/Invoicing		Analytically Requested		Receiving Info (Lab Use Only)	
Name:	Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCCS	Address:	20104 NYS Route 3	Ice:	YES NO	Cooler:	YES NO
Contact:	Watertown, NY 13601	Phone:	Ray Filley	Sample Temp:	YES NO	Cooler Seal:	YES NO
Project:	Lead Testing	Quote ID:		Pickup:	YES NO	Dropoff:	C W
Rush TAT Bur. Days:	3 2-5 5-7 7-10	Date Rec.:		Accepted?	YES NO	Container Material:	
Release to DOH: Yes				Container Size (in ML)		Preparative	
Email Results: Yes				Comments/Field Data			
Fax Results: Yes							
Sample Information		Matrix Type		Number of Containers for Analysis Requested			
Description/Location	Date	Time	Initial				
64E	10/27	702	RF				
641		702					
643		703					
53		655					
59E		658					
52e		658					
58		658					
55E		658					
Print Name and Company		Signature		Date/Time		Comments	
Ray Filley				10/31 0900			
Jessica Howard Microbac				10/31 1200			
Microbac Laboratories (MNY)							


By signing this document you are attesting that you have been informed by MNY of the intent to subcontract and are in agreement to subcontract the analysis to another accredited laboratory.

# Microbac Laboratories, Inc. CHAIN OF CUSTODY

MIRS 22

Samples must be returned on ice

MNY Workorder #

<b>Client Information</b> Jefferson-Lewis-Hamilton-Herkimer-Oneida-BOCES 20104 NYS Route 3 Watertown, NY 13601 Ray Filley 315-779-7054 Lead Testing PO#: _____ Date Req: _____ Rush YAT Bur. Days: 2-5 5-7 7-10 Release to DOH: Yes Email Results: Yes Fax Results: Yes		<b>Billing/Invoice:</b> Analysis Requested 2008 Lead P 250 HNO3 ffilley@boces.com / ffilley@boces.com		<b>Recycling Info (Lab Use Only)</b> Ice: YES NO Cooler: YES NO Sample Temp: _____ Cooler Seal: YES NO Pickup: YES NO Dropoff: C W Accepted? YES NO Container Material _____ Container Size (in MI) _____ Preservative _____				
Sample Information			Number of Containers for Analysis Requested			Comments/Field Data		
Description/Location	Date	Time	Initial	Matrix Type				
690	10/27	700	RF					
692		702						
52		654						
68E		706						
666		708						
65		705						
54		656						
67		706						
<b>Print Name and Company</b> Ray Filley Signature: 			<b>Date/Time</b> 10/31 0700			<b>Comments</b>		
<b>Received:</b> _____ <b>Received:</b> _____ <b>Received:</b> _____ <b>Received:</b> _____ <b>Received:</b> _____								

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.