



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J611122

Jeferson-Lewis-Hamilton-Herkimer-Oneida BOCES

Project Name: FEH AEC

Fred Hauck
20104 NYS Route 3
Watertown, NY 13601

Project / PO Number: N/A
Received: 09/21/2016 14:00
Reported: 10/25/2016 16:56

Analytical Testing Parameters

Client Sample ID: 20
Lab Sample ID: J611122-01
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:45

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	0.0056	0.015	0.0010	mg/L		10/07/16 0756	10/14/16 1055

Analytical Testing Parameters

Client Sample ID: 20
Lab Sample ID: J611122-02
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:37

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	<0.0010	0.015	0.0010	mg/L		10/07/16 0756	10/14/16 1056

Analytical Testing Parameters

Client Sample ID: 18
Lab Sample ID: J611122-03
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:35

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	0.0025	0.015	0.0010	mg/L		10/07/16 0756	10/14/16 1057



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J61122

Analytical Testing Parameters

Client Sample ID: 24
Lab Sample ID: J61122-04
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:40

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, 0.0057, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1651

Analytical Testing Parameters

Client Sample ID: 1
Lab Sample ID: J61122-05
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:20

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, 0.0015, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1651

Analytical Testing Parameters

Client Sample ID: 22
Lab Sample ID: J61122-06
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:50

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, 0.0064, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1655



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J61122

Analytical Testing Parameters

Client Sample ID: 6
Lab Sample ID: J61122-07
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:23

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, 0.0020, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1655

Analytical Testing Parameters

Client Sample ID: 7
Lab Sample ID: J61122-08
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:24

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, 0.0077, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1656

Analytical Testing Parameters

Client Sample ID: 8
Lab Sample ID: J61122-09
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:25

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, 0.0032, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1657



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J61122

Analytical Testing Parameters

Client Sample ID: 14
Lab Sample ID: J61122-10
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:35

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, 0.0017, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1657

Analytical Testing Parameters

Client Sample ID: 3
Lab Sample ID: J61122-11
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:24

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, 0.0069, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1658

Analytical Testing Parameters

Client Sample ID: 23
Lab Sample ID: J61122-12
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:40

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, 0.0011, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1659



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J61122

Analytical Testing Parameters

Client Sample ID: 17
Lab Sample ID: J61122-13
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:37

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.0034, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1659

Analytical Testing Parameters

Client Sample ID: 2
Lab Sample ID: J61122-14
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:21

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.0017, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1701

Analytical Testing Parameters

Client Sample ID: 5
Lab Sample ID: J61122-15
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:25

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.0028, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1702



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J61122

Analytical Testing Parameters

Client Sample ID: 21
Lab Sample ID: J61122-16
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:38

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.0021, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1704

Analytical Testing Parameters

Client Sample ID: 19
Lab Sample ID: J61122-17
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:38

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.0023, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1705

Analytical Testing Parameters

Client Sample ID: 9
Lab Sample ID: J61122-18
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:40

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, <0.0010, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1705



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J61122

Analytical Testing Parameters

Client Sample ID: 26
Lab Sample ID: J61122-19
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:42

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.0019, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1706

Analytical Testing Parameters

Client Sample ID: 25
Lab Sample ID: J61122-20
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:42

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, <0.0010, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1707

Analytical Testing Parameters

Client Sample ID: 4
Lab Sample ID: J61122-21
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:24

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.0050, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1707



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J61122

Analytical Testing Parameters

Client Sample ID: 10
Lab Sample ID: J61122-22
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:30

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, <0.0010, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1709

Analytical Testing Parameters

Client Sample ID: 13
Lab Sample ID: J61122-23
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:32

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, <0.0010, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1710

Analytical Testing Parameters

Client Sample ID: 16
Lab Sample ID: J61122-24
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:37

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, 0.0057, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1711



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J61122

Analytical Testing Parameters

Client Sample ID: 15
Lab Sample ID: J61122-25
Sample Type: Grab

Collected By: FH-Client
Collection Date: 09/19/16
Collection Time: 06:35

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.0031, 0.015, 0.0010, mg/L, 10/05/16 0807, 10/12/16 1711

Laboratory

NY: Microbac Laboratories, Inc., New York Division

Definitions

- AL: Action Level
MDL: Minimum Detection Limit
RL: Reporting Limit
G: Result fails applicable NYS drinking water standards

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 23.2°C

Cooler Inspection Checklist

Checklist table with 5 columns: Item, Yes, Containers Intact, Preservation Correct, Yes

Project Requested Certification(s)

Table with 2 columns: Microbac info, State/PA Dept info

Report Comments

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

Reviewed and Approved By:

Handwritten signature of Michael Fifield

Michael Fifield
Division Manager
10/25/2016 16:56

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.

Microbac Laboratories, Inc. CHAIN OF CUSTODY

Samples must be returned on ice
 MNY Workorder #

FEA AEC



J61122

Client Information			Billing/Invoice:			Analysis Requested			Receiving Info (Lab Use Only)			
Name:	Jefferson-Lewis-Hamilton-Herkimer-Onelida BOCES		PO#:			Container Material	Accepted?	YES	NO	Ice:	YES	NO
Address:	20104 NYS Route 3		Rush TAT Bus. Days:	2-5	5-7	200.8 Lead				Cooler:	YES	NO
Contact:	Watertown, NY 13601		Date Req.:			Container size (in MI)				Sample Temp:	27-2	
Phone:	Ray Filley					Preservative				Cooler Seal:	YES	NO
Project:	Lead Testing									Pickup:	YES	NO
Quote ID:										Dropoff:	C	W
Email Results:	Yes	rilley@boces.com								Accepted?:	YES	NO
Fax Results:	Yes	fhauck@boct5.com										
Sample Information			Number of Containers for Analysis Requested			Comments/Field Data						
Description/Location	Date	Time	Initial	Matrix Type	Requested	Actual	Comments	Signature	Date/Time			
20	9/19	6:45	JA									
Sampled:	Fred Houch											
Received:	D Jones								9/20/16			
Received:									9/21/16 1906			
Received:									9/21/16 1400			
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 with this notice.

Microbac Laboratories, Inc.

CHAIN OF CUSTODY

Samples must be returned on ice
 MNY Workorder #

ACCFEH

Client Information		Billing/Invoice:		Analytix Requested		Receiving Info (Lab Use Only)	
Name:	Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCES					Ice:	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Address:	20104 NYS Route 3					Cooler:	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Contact:	Watertown, NY 13601					Sample Temp:	23.2
Phone:	Ray Filley					Cooler Seal:	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Project:	315-779-7054					Pickup:	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Quote ID:	Lead Testing					Dropoff:	C W
Rush TAT Bur. Days:	2-5 5-7 7-10	PO#:				Accepted?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Release to DOH:	Yes	Date Req:				Container Material:	
Email Results:	Yes					Container size(in MI)	
Fax Results:	Yes					Preservative	
						Comments/Field Data	

Sample Information		Matrix		Number of Containers for Analysis Requested		Date/Time	Signature	Comments
Description/Location	Date	Time	Initial	Type				
20	9/19	6:07	RF					
18		6:35						
24		6:40						
1		6:20						
22		6:50						
6		6:23						
7		6:24						
8		6:25						

Print Name and Company	Signature	Date/Time
Paul Horvath	<i>Paul Horvath</i>	9/20/16
P. Thom 95	<i>P. Thom 95</i>	9/21/16 1400
	<i>James Waller</i>	9/21/16 1400

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Microbac Laboratories, Inc. Samples must be returned on ice

CHAIN OF CUSTODY

Acc FCH

MNY Workorder #

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:		PO#:	
Ruth TAT Bur. Days:	2-5 5-7 7-10	Date Req.:	
Release to DOH: Yes			
Email Results: Yes	rfilley@boces.com		
Fax Results: Yes	fshawck@boces.com		

Sample Information				Number of Containers for Analyt Requested		Receiving Info (Lab Use Only)	
Description/Location	Date	Time	Initial	Matrix	Type	Ice:	YES NO
1	14	6:35	RFH	P	200.8 Lead	YES	NO
2	3	6:29		250		YES	NO
3	23	6:40		HNO3		YES	NO
4	17	6:37				YES	NO
5	2	6:21				YES	NO
6	5	6:25				YES	NO
7	21	6:38				YES	NO
8	19	6:38				YES	NO

Sampled:	Print Name and Company	Signature	Date/Time	Comments
Received:	F. Shawck	<i>F. Shawck</i>	7/20/06	
Received:	O. Thomas	<i>O. Thomas</i>	9/24/16 14:00	
Received:		<i>James Waller</i>	9/21/16 14:00	
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 with this...

Microbac Laboratories, Inc. Samples must be returned on ice

CHAIN OF CUSTODY

ACC PEN

MNY Workorder #

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

Sample Information				Analysis Requested			
Description/Location	Date	Time	Initial	Matrix Type	Number of Containers for Analysis Requested	Comments/Field Data	Receiving Info (Lab Use Only)
9	9/19	5:45	JH				Ice: YES NO Cooler: YES NO Sample Temp: 23.2 Cooler Seal: YES NO Pickup: YES NO Dropoff: C W Accepted? YES NO
26		6:42					
25		6:42					
4		6:41					
10		6:30					
13		6:32					
16		6:37					
15		6:35					

Sampled:	Print Name and Company	Signature	Date/Time	Comments
Received: 07/10/15	Ray Filley	[Signature]	9/24/16	
Received:		[Signature]	9/21/16 1400	
Received:		[Signature]	9/21/16 1400	
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 with this.