



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6J0636

Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCES

Project Name: North 22

Fred Hauck
20104 NYS Route 3
Watertown, NY 13601

Project / PO Number: N/A
Received: 10/05/2016 12:30
Reported: 12/15/2016 12:04

Analytical Testing Parameters

Client Sample ID: 8B
Lab Sample ID: J6J0636-01
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:20

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	0.0376	0.0150	0.00100	mg/L	G	11/29/16 1840	12/01/16 1643

Analytical Testing Parameters

Client Sample ID: 23R
Lab Sample ID: J6J0636-02
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:02

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	0.00733	0.0150	0.00100	mg/L		11/29/16 1840	12/01/16 1645

Analytical Testing Parameters

Client Sample ID: 22L
Lab Sample ID: J6J0636-03
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:01

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Metals	Result	Limit	PQL	Units	Note	Prepared	Analyzed
Method: EPA 200.8 Rev 5.4							
Lead	0.00334	0.0150	0.00100	mg/L		11/29/16 1840	12/01/16 1646



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6J0636

Analytical Testing Parameters

Client Sample ID: 9B
Lab Sample ID: J6J0636-04
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
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, 0.0775, 0.0150, 0.00100, mg/L, G, 11/29/16 1840, 12/01/16 1648

Analytical Testing Parameters

Client Sample ID: 23L
Lab Sample ID: J6J0636-05
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:02

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.00615, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1649

Analytical Testing Parameters

Client Sample ID: 25R
Lab Sample ID: J6J0636-06
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:15

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.00813, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1649



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6J0636

Analytical Testing Parameters

Client Sample ID: 29
Lab Sample ID: J6J0636-07
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:31

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. Row 2: Lead, 0.00686, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1651

Analytical Testing Parameters

Client Sample ID: 24R
Lab Sample ID: J6J0636-08
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:13

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. Row 2: Lead, 0.00387, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1652

Analytical Testing Parameters

Client Sample ID: 7A
Lab Sample ID: J6J0636-09
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:11

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. Row 2: Lead, 0.00505, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1653



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6J0636

Analytical Testing Parameters

Client Sample ID: 24L
Lab Sample ID: J6J0636-10
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:13

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, 0.00276, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1653

Analytical Testing Parameters

Client Sample ID: 8A
Lab Sample ID: J6J0636-11
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
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, 0.0984, 0.0150, 0.00100, mg/L, G, 11/29/16 1840, 12/01/16 1654

Analytical Testing Parameters

Client Sample ID: 5B
Lab Sample ID: J6J0636-12
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:10

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, 0.00448, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1657



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6J0636

Analytical Testing Parameters

Client Sample ID: 22R
Lab Sample ID: J6J0636-13
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:01

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, 0.00881, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1658

Analytical Testing Parameters

Client Sample ID: 26L
Lab Sample ID: J6J0636-14
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:28

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, 0.0265, 0.0150, 0.00100, mg/L, G, 11/29/16 1840, 12/01/16 1659

Analytical Testing Parameters

Client Sample ID: 31L
Lab Sample ID: J6J0636-15
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
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, 0.0107, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1659



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6J0636

Analytical Testing Parameters

Client Sample ID: 31R
Lab Sample ID: J6J0636-16
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
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, 0.0143, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1700

Analytical Testing Parameters

Client Sample ID: 30R
Lab Sample ID: J6J0636-17
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:33

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, 0.00579, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1701

Analytical Testing Parameters

Client Sample ID: 30L
Lab Sample ID: J6J0636-18
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
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, 0.00595, 0.0150, 0.00100, mg/L, 11/29/16 1840, 12/01/16 1701



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6J0636

Analytical Testing Parameters

Client Sample ID: 28
Lab Sample ID: J6J0636-19
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
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: Lead, 0.0261, 0.0150, 0.00100, mg/L, G, 11/29/16 1840, 12/01/16 1702

Analytical Testing Parameters

Client Sample ID: 27
Lab Sample ID: J6J0636-20
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
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: Lead, 0.0302, 0.0150, 0.00100, mg/L, G, 11/29/16 1840, 12/01/16 1704

Analytical Testing Parameters

Client Sample ID: 26R
Lab Sample ID: J6J0636-21
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:28

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.0148, 0.0150, 0.00100, mg/L, 11/30/16 1853, 12/02/16 0912



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6J0636

Analytical Testing Parameters

Client Sample ID: 34L
Lab Sample ID: J6J0636-22
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:45

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, 0.0668, 0.0150, 0.00100, mg/L, G, 11/30/16 1853, 12/02/16 0915

Analytical Testing Parameters

Client Sample ID: 32R
Lab Sample ID: J6J0636-23
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
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, 0.00643, 0.0150, 0.00100, mg/L, 11/30/16 1853, 12/02/16 0916

Analytical Testing Parameters

Client Sample ID: 33R
Lab Sample ID: J6J0636-24
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:44

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, 0.0120, 0.0150, 0.00100, mg/L, 11/30/16 1853, 12/02/16 0917



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6J0636

Analytical Testing Parameters

Client Sample ID: 33L
Lab Sample ID: J6J0636-25
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:44

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, 11/30/16 1853, 12/02/16 0918

Analytical Testing Parameters

Client Sample ID: 35L
Lab Sample ID: J6J0636-26
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:15

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, 0.00443, 0.0150, 0.00100, mg/L, 11/30/16 1853, 12/02/16 0919

Analytical Testing Parameters

Client Sample ID: 32L
Lab Sample ID: J6J0636-27
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
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, 0.00441, 0.0150, 0.00100, mg/L, 12/01/16 1731, 12/05/16 1346



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6J0636

Analytical Testing Parameters

Client Sample ID: 34R
Lab Sample ID: J6J0636-28
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
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, 0.0562, 0.0150, 0.00100, mg/L, G, 11/30/16 1853, 12/02/16 0920

Analytical Testing Parameters

Client Sample ID: 10B
Lab Sample ID: J6J0636-29
Sample Type: Grab

Collected By: FH-Client
Collection Date: 10/04/16
Collection Time: 06:27

Analyses Subcontracted to: Microbac Laboratories, Inc. - Chicagoland

Table with 8 columns: Metals, Result, Limit, PQL, Units, Note, Prepared, Analyzed. Row 1: Lead, 0.0875, 0.0150, 0.00100, mg/L, G, 11/30/16 1853, 12/02/16 0921

Laboratory

NY: Microbac Laboratories, Inc., New York Division

Definitions

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

Cooler Receipt Log

Cooler ID: Default Cooler Temp: °C

Cooler Inspection Checklist

Checklist table with 4 columns: Item, Yes, No, Yes. Items include 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; New York State Department of Health. Includes NY Lab ID No.: 10795 and PA DEP ID: 68-04863.



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6J0636

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 blue ink that reads "Michael Fifield".

Michael Fifield
Division Manager
12/15/2016 12:04

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. CHAIN OF CUSTODY

MNY Workorder #

NOCTA 22

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
 Quote ID: PO#:
 Rush TAT Bar. Days: 2-5 5-7 7-10 Date Req.:
 Release to DOH: Yes
 Email Results: Yes rfilley@booces.com / rfilley@booces.com
 Fax Results: Yes

Analyst Requested

200.8 Lead P


Receiving Info (Lab Use Only)

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
 Comments/Field Data

1	2	3	4	5	6	7	8	Sample Information			Matrix Type	Number of Containers for Analysis Requested	Comments
								Description/Location	Date	Time			
	8 B							10/4	6:20	FH	HNO3		
	23 R								6:02				
	22 L								6:01				
	9 B								6:25				
	23 L								6:02				

Print Name and Company

Signature: Fred Shack
 Date/Time: 10/4 12:00
 Date/Time: 10-5 12:00

Received: 

Received:

Received:

Received:

Received:



J6J0636

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 arrangement.

Microbac Laboratories, Inc. Samples must be returned on ice

CHAIN OF CUSTODY

NOCTA 22

MNY Workorder #

Client Information		Billing/Invoice:		Analysis Requested		Receiving Info (Lab Use Only)	
Name:	Jefferson-Lewis-Hamilton-Herliker, Oneida, BOCES					Ice:	YES NO
Address:	20104 NYS Route 3					Cooler:	YES NO
Contact:	Watertown, NY 13601					Sample Temp:	YES NO
Phone:	Ray Filley					Cooler Seal:	YES NO
Project:	315-779-7054					Pickup:	YES NO
Quote ID:	Lead Testing					Dropoff:	C W
Rush TAT Bus. Days:	4 2-5 5-7 7-10	PO#:				Accepted?	YES NO
Release to DOH: Yes		Date Req:				Container Material	
Email Results: Yes	rfilley@boCES.com / fhauck@boCES.com					Container Size (In MI)	
Fax Results: Yes						Preservative	
Sample Information				Number of Containers for Analysis Requested			
Description/Location	Date	Time	Initial	Matrix	Type	Comments/Field Data	
1 25R	10/4	6:15	FH				
2 29		6:31					
3 24R		6:13					
4 7A		6:11					
5 24L		6:13					
6 8A		6:20					
7 5B		6:10					
8 22R		6:01					
Sampled: Fred Hauck				Signature		Date/Time	
Received: DJ McChale						10/4 12:00	
Received:						10-5 12:30	
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 with this arrangement.							

Microbac Laboratories, Inc. Samples must be returned on ice



CHAIN OF CUSTODY

NOCTA 22

MNY Workorder #

Client Information		Billing/Invoice:		Analysis Requested		Receiving Info (Lab Use Only)	
Name:	Jefferson-Lewis-Hamilton-Herkimer-Oswego ROCES			Ice:	YES NO	Container Material	YES NO
Address:	20104 NYS Route 3			Cooler:	YES NO	Container Size(In MI)	YES NO
Contact:	Watertown, NY 13601			Sample Temp:		Preservative	
Phone:	Ray Filley			Cooler Seal:	YES NO	Accepted?	YES NO
Project:	315-779-7054			Pickup:	YES NO		
Quote ID:	Lead Testing			Dropoff:	C W		
Rush YAT Bur. Days:	2-5 5-7 7-10						
Relieve to DOH: Yes							
Email Results: Yes	rfilley@boces.com / ffrack@boces.com						
Fax Results: Yes							

Sample Information		Number of Containers for Analysis Requested		Comments/Field Data	
Description/Location	Date	Time	Initial	Matrix Type	
34L	10/4	6:45	FA		
32R		6:46			
33R		6:44			
33L		6:44			
25L		6:15			
32L		6:46			
34R		6:46			
10 B		6:27			

Sampled:	Print Name and Company	Signature	Date/Time	Comment:
Received:	Fred Frack		10/4 12:00	
Received:	D. Zerkow		10-5 12:30	
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 with this and....