



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6I0187

Jeferson-Lewis-Hamilton-Herkimer-Oneida BOCES

Project Name: MAI Flan

Fred Hauck
20104 NYS Route 3
Watertown, NY 13601

Project / PO Number: N/A
Received: 08/30/2016 12:40
Reported: 09/20/2016 22:20

Analytical Testing Parameters

Client Sample ID: 8-1
Lab Sample ID: J6I0187-01
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:54

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/15/16 2306

Analytical Testing Parameters

Client Sample ID: 8-2
Lab Sample ID: J6I0187-02
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:55

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/15/16 2318

Analytical Testing Parameters

Client Sample ID: 7-1
Lab Sample ID: J6I0187-03
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:53

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, 0.011, 0.001, mg/L, 09/09/16 1416, 09/15/16 2321



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6I0187

Analytical Testing Parameters

Client Sample ID: 7-2
Lab Sample ID: J6I0187-04
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:54

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/15/16 2325

Analytical Testing Parameters

Client Sample ID: 6-1
Lab Sample ID: J6I0187-05
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:51

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/15/16 2329

Analytical Testing Parameters

Client Sample ID: 6-2
Lab Sample ID: J6I0187-06
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:52

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/15/16 2332



Microbac Laboratories, Inc., New York Division

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Analytical Testing Parameters

Client Sample ID: 10-1
Lab Sample ID: J6I0187-07
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 09:00

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/15/16 2344

Analytical Testing Parameters

Client Sample ID: 10-2
Lab Sample ID: J6I0187-08
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 09:01

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/15/16 2348

Analytical Testing Parameters

Client Sample ID: 13-1
Lab Sample ID: J6I0187-09
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 09:05

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, 0.0013, 0.001, mg/L, 09/09/16 1416, 09/15/16 2351



Microbac Laboratories, Inc., New York Division

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Analytical Testing Parameters

Client Sample ID: 13-2
Lab Sample ID: J6I0187-10
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 09:06

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, 0.0027, 0.001, mg/L, 09/09/16 1416, 09/15/16 2355

Analytical Testing Parameters

Client Sample ID: 3-1
Lab Sample ID: J6I0187-11
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:42

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/15/16 2359

Analytical Testing Parameters

Client Sample ID: 3-2
Lab Sample ID: J6I0187-12
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:43

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/16/16 0006



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Analytical Testing Parameters

Client Sample ID: 9-1
Lab Sample ID: J6I0187-13
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:56

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, 0.0039, 0.001, mg/L, 09/09/16 1416, 09/16/16 0010

Analytical Testing Parameters

Client Sample ID: 9-2
Lab Sample ID: J6I0187-14
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:57

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/16/16 0014

Analytical Testing Parameters

Client Sample ID: 4-1
Lab Sample ID: J6I0187-15
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:47

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/16/16 0018



Microbac Laboratories, Inc., New York Division

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Analytical Testing Parameters

Client Sample ID: 4-2
Lab Sample ID: J6I0187-16
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:48

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/16/16 0029

Analytical Testing Parameters

Client Sample ID: 5-1
Lab Sample ID: J6I0187-17
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:48

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/16/16 0033

Analytical Testing Parameters

Client Sample ID: 5-2
Lab Sample ID: J6I0187-18
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:49

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/16/16 0036



Microbac Laboratories, Inc., New York Division

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Analytical Testing Parameters

Client Sample ID: 2-1
Lab Sample ID: J6I0187-19
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:44

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, 0.0014, 0.001, mg/L, 09/09/16 1416, 09/16/16 0040

Analytical Testing Parameters

Client Sample ID: 2-2
Lab Sample ID: J6I0187-20
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:45

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1416, 09/16/16 0044

Analytical Testing Parameters

Client Sample ID: 12-1
Lab Sample ID: J6I0187-21
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 09:06

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, 0.0016, 0.001, mg/L, 09/09/16 1436, 09/15/16 0720



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6I0187

Analytical Testing Parameters

Client Sample ID: 12-2
Lab Sample ID: J6I0187-22
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 09:07

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, 0.0022, 0.001, mg/L, 09/09/16 1436, 09/15/16 0724

Analytical Testing Parameters

Client Sample ID: 1-1
Lab Sample ID: J6I0187-23
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:44

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1436, 09/15/16 2151

Analytical Testing Parameters

Client Sample ID: 1-2
Lab Sample ID: J6I0187-24
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 08:45

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1436, 09/15/16 2155



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6I0187

Analytical Testing Parameters

Client Sample ID: 11-1
Lab Sample ID: J6I0187-25
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 09:01

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1436, 09/15/16 2159

Analytical Testing Parameters

Client Sample ID: 11-2
Lab Sample ID: J6I0187-26
Sample Type: Grab

Collected By: RF-Client
Collection Date: 08/25/16
Collection Time: 09:02

Analyses Subcontracted to: Microbac Laboratories, Inc. Dayville (NY 11549)

Table with 8 columns: 200.8- ICP-MS, Result, MCL, PQL, Units, Note, Prepared, Analyzed. Row 1: Method: 200.8, Lead, <0.001, 0.001, mg/L, 09/09/16 1436, 09/15/16 2210

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: 25.0°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)

Microbac Laboratories, Inc. Dayville (NY 11549)
NY Lab ID No: 11549

New York State Department of Health



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J6I0187

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
09/20/2016 22:20

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

MAL FAX

Samples must be returned on ice
 MNY Workorder #

Client Information			Billing/Invoice:			Analytix Requested			Receiving Info (Lab Use Only)			
Name:	Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCES					Ice:	YES	NO				
Address:	20104 NYS Route 3 Watertown, NY 13601					Cooler:	YES	NO				
Contact:	Ray Filley					Sample Temp:	25.0					
Phone:	315-779-7054					Cooler Seal:	YES	NO				
Project:	Lead Testing					Pickup:	YES	NO				
Quote ID:			PO#:			Dropoff:	C	W				
Rush TAT Bus. Days:	2-5	5-7	7-10			Accepted?	YES	NO				
Release to DOH:	Yes					Container Material:						
Email Results:	Yes					Container size(in MI)						
Fax Results:	Yes					Preservative						
	Email: rfilley@boces.com / fhawk@boces.com					Comments/Field #						

Sample Information				Number of Containers for Analytix Requested			Comments
Description/Location	Date	Time	Initial	Matrix Type	1	2	
8-1	8/25	8:54	RF				
8-2	L	8:55	L				
3							
4							
5							
6							
7							
8							

Print Name and Company	Signature	Date/Time
Ray Filley	<i>Ray Filley</i>	8/29 10:30
Catherine P. Hunt	<i>Catherine P. Hunt</i>	8/30 12:40
		8/30/16 12:40



J610187

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.

3621 Buck Drive
 Cortland NY 13045
 Phone:(607)753-3403 Fax:(607)753-3416
 NY #10795, EPA #NY00935

Microbac Laboratories, Inc.
CHAIN OF CUSTODY
 MNY Workorder #

MAI FIAM
 Billing/Invoice:

Client Information
 Name: Jefferson-Lewis-Hamilton-Herkimer-Onedia 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 Date Req: _____
 Release to DOH: Yes
 Email Results: Yes
 Fax Results: Yes
 Email: rfilley@boces.com / rfilley@boes.com
 PO#: _____

Sample Information		Matrix		Analysis Requested		Receiving Info (Lab Use Only)	
Description/Location	Date	Time	Initial	Type	Number of Containers for Analysis Requested	Container Material	Ice: YES NO
1 7-1	8/25	8:53	RF				YES NO
2 7-2		8:54					YES NO
3 6-1		8:57					YES NO
4 6-2		8:52					C W
5 10-1		9:00					Accepted? YES NO
6 10-2		9:01					
7 13-1		9:05					
8 13-2		9:06					

Print Name and Company
 Sampled: Ray Filley
 Received: [Signature]
 Received: [Signature]
 Received:
 Received:
 Received:

Signature
 Date/Time
 8/29/05
 8/30/05

Comments



J610187

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.

3821 Buck Drive
 Cortland NY 13045
 Phone:(607)753-3403 Fax:(607)753-3415
 NY #10795, EPA #NY00935

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

Samples must be returned on ice

MAX FLY

MNY Workorder #

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 Bur. Days: 2-5 5-7 7-10 Date Req: _____
 Release to DOH: Yes
 Email Results: Yes rfilley@boes.com / fhauck@boes.com
 Fax Results: Yes

Sample Information		Analysis Requested		Receiving Info (Lab Use Only)	
Description/Location	Date	Time	Initial	Matrix Type	Number of Containers for Analysis Requested
1 3-1	8/25	8:42	RF		
2 3-2		8:43			
3 4-1		8:46			
4 4-2		8:57			
5 4-1		8:47			
6 4-2		8:48			
7 5-1		8:49			
8 5-2		8:49			

Receiving Info (Lab Use Only)
 Ice: YES NO
 Coolers: 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

200.8 Lead
 P
 250
 HNO3

Signature
 Date/Time: 8/29 10:30
 8/30 12:40

Print Name and Company
 Sampled: Ray Filley
 Received: Paul Thomas
 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 with this note.



J610187

Microbac Laboratories, Inc.

CHAIN OF CUSTODY

Samples must be returned on ice
 MNY Workorder #

MAI FAX

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

Sample Information				Analysis Requested				Receiving Info (Lab Use Only)								
Description/Location	Date	Time	Initial	Matrix Type	Number of Containers for Analysis Requested	Comments/Field Data	Ice:	Cooler:	Sample Temp:	Cooler Seal:	Pickup:	Droptoff:	Accepted?	Container Material	Container Size (in MI)	Preservative
1 2-1	8/25	8:44	RF				YES	NO		YES	NO					
2 2-2		8:45					YES	NO		YES	NO					
3 12-1		9:00					YES	NO		YES	NO					
4 12-2		9:07					C	W								
5 1-1		8:24														
6 1-2		8:45														
7 1-1		9:01														
8 11-2		9:02														

Print Name and Company		Signature	Date/Time	Comments
Sampled: LYDIA STANLEY		<i>[Signature]</i>	8/29 10:30	
Received: David Thomas		<i>[Signature]</i>	8/30 12:40	
Received:				
Received:				
Received:				
Received:				



J610187

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 condition.