



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J0J0494

BCK - IBI Group
Dean Jordan
59-61 Court Street
Binghamton, NY 13901

Project Name: UNION ENDICOTT CSD - Linnaeus
W. West
Project / PO Number: N/A
Received: 10/06/2020
Reported: 10/31/2020

Analytical Testing Parameters

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include LW-1 FIRST DRAW S Faucet, Cold, Drinking Water, J0J0494-01, JORDAN/EICHE, 09/29/2020 6:00.

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead: 0.0060, 0.015 AL, 0.0010, mg/L, 10/19/20 1423, 10/19/20 1540, DLO.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include LW-1.1 FIRST DRAW S Faucet, Cold, Drinking Water, J0J0494-02, JORDAN/EICHE, 09/29/2020 6:01.

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead: 0.0452, 0.015 AL, 0.0010, mg/L, 10/19/20 1423, 10/19/20 1545, DLO.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include LW-2 FIRST DRAW S Faucet, Cold, Drinking Water, J0J0494-03, JORDAN/EICHE, 09/29/2020 6:00.

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead: 0.0015, 0.015 AL, 0.0010, mg/L, 10/19/20 1423, 10/19/20 1547, DLO.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include LW-2.1 FIRST DRAW S Faucet, Cold, Drinking Water, J0J0494-04, JORDAN/EICHE, 09/29/2020 6:01.

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead: 0.0030, 0.015 AL, 0.0010, mg/L, 10/19/20 1423, 10/19/20 1549, DLO.



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J0J0494

Client Sample ID: LW-4 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:02
Lab Sample ID: J0J0494-05	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0016	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1551	DLO

Client Sample ID: LW-4.1 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:03
Lab Sample ID: J0J0494-06	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0026	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1553	DLO

Client Sample ID: LW-5 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:02
Lab Sample ID: J0J0494-07	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0067	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1558	DLO

Client Sample ID: LW-5.1 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:03
Lab Sample ID: J0J0494-08	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0015	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1600	DLO



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J0J0494

Client Sample ID: LW-6 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:04
Lab Sample ID: J0J0494-09	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0019	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1602	DLO

Client Sample ID: LW-6.1 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:05
Lab Sample ID: J0J0494-10	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0019	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1604	DLO

Client Sample ID: LW-7 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:04
Lab Sample ID: J0J0494-11	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0340	0.015 AL	0.0010	mg/L		10/20/20 1357	10/21/20 1500	LLW

Client Sample ID: LW-7.1 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:05
Lab Sample ID: J0J0494-12	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0112	0.015 AL	0.0010	mg/L		10/20/20 1357	10/21/20 1502	LLW



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J0J0494

Client Sample ID: LW-8.1 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:05
Lab Sample ID: J0J0494-13	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0094	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1605	DLO

Client Sample ID: LW-9 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:05
Lab Sample ID: J0J0494-14	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0038	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1609	DLO

Client Sample ID: LW-9.1 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:06
Lab Sample ID: J0J0494-15	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0026	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1611	DLO

Client Sample ID: LW-11.1 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:07
Lab Sample ID: J0J0494-16	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0015	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1613	DLO



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J0J0494

Client Sample ID: LW-12.4 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:14
Lab Sample ID: J0J0494-17	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0041	0.015 AL	0.0010	mg/L		10/20/20 1357	10/21/20 1503	LLW

Client Sample ID: LW-13 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:08
Lab Sample ID: J0J0494-18	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0013	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1615	DLO

Client Sample ID: LW-14.2 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:12
Lab Sample ID: J0J0494-20	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1620	DLO

Client Sample ID: LW-15.1 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:09
Lab Sample ID: J0J0494-22	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0019	0.015 AL	0.0010	mg/L		10/19/20 1423	10/19/20 1622	DLO



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J0J0494

Client Sample ID: LW-25.1 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 5:54
Lab Sample ID: J0J0494-30	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0020	0.015 AL	0.0010	mg/L		10/19/20 1424	10/19/20 1711	DLO

Client Sample ID: LW-27 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:27
Lab Sample ID: J0J0494-31	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		10/19/20 1424	10/19/20 1717	DLO

Client Sample ID: LW-28 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:25
Lab Sample ID: J0J0494-32	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0030	0.015 AL	0.0010	mg/L		10/19/20 1424	10/19/20 1719	DLO

Client Sample ID: LW-29 FIRST DRAW S Faucet, Cold	Collected By: JORDAN/EICHE
Sample Matrix: Drinking Water	Collection Date: 09/29/2020 6:30
Lab Sample ID: J0J0494-33	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.0010	0.015 AL	0.0010	mg/L		10/20/20 1104	10/20/20 1332	DLO



Microbac Laboratories, Inc., New York Division

CERTIFICATE OF ANALYSIS

J0J0494

Client Sample ID: LW-34 FIRST DRAW S Faucet, Cold	
Sample Matrix: Drinking Water	Collected By: JORDAN/EICHE
Lab Sample ID: J0J0494-35	Collection Date: 09/29/2020 6:34

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2.45	0.015 AL	0.0010	mg/L		10/20/20 1104	10/20/20 1334	DLO

Client Sample ID: LW-35 FIRST DRAW S Faucet, Cold	
Sample Matrix: Drinking Water	Collected By: JORDAN/EICHE
Lab Sample ID: J0J0494-36	Collection Date: 09/29/2020 6:35

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0095	0.015 AL	0.0020	mg/L	D	10/20/20 1357	10/22/20 1235	LLW

Client Sample ID: LW-36A FIRST DRAW S Faucet, Cold	
Sample Matrix: Drinking Water	Collected By: JORDAN/EICHE
Lab Sample ID: J0J0494-37	Collection Date: 09/29/2020 6:35

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0048	0.015 AL	0.0010	mg/L		10/20/20 1357	10/21/20 1513	LLW

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
- D: The sample was diluted due to matrix interference.
- mg/L: Milligrams per Liter
- RL: Reporting Limit

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



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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. **The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

Reviewed and Approved By:

A handwritten signature in black ink that reads "Shannon Weeks".

Shannon Weeks

Customer Relationship Coordinator

Reported: 10/31/2020 06:16

Chain of Custody

Customer: IBI GROUP
 Contact: DEAN JORDAN
 Project:
 Sampled By: JORDAN/EICHE
 Sampler Phone #: 607-427-5177



IBI Group
 PM: Shannon Weeks

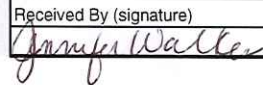
School County: BROOME
 School Type: ELEMENTARY
 School Name: UNION ENDICOTT CSD
 School ID: LINNAEUS W WEST
 Sampling Event Name: 2020 LEAD IN WATER
 Building address:
 Building ID:

Lab ID	Sample Code	Sample Type	Fixture Code	Fixture Type	Fixture Type Use	Fixture Area Type	Fixture Location Description	Fixture Description	Building Floor #	Water Last Used		Sample Collected		Lead
										Date	Time	Date	Time	
1	LW-1	FIRST DRAW	S	Faucet, Cold								2020-09-29	600	X
2	LW-1.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	601	X
3	LW-2	FIRST DRAW	S	Faucet, Cold								2020-09-29	600	X
4	LW-2.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	601	X
5	LW-4	FIRST DRAW	S	Faucet, Cold								2020-09-29	602	X
6	LW-4.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	603	X
7	LW-5	FIRST DRAW	S	Faucet, Cold								2020-09-29	602	X
8	LW-5.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	603	X
9	LW-6	FIRST DRAW	S	Faucet, Cold								2020-09-29	604	X
10	LW-6.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	605	X
11	LW-7	FIRST DRAW	S	Faucet, Cold								2020-09-29	604	X
12	LW-7.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	605	X
13	LW-8.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	605	X
14	LW-9	FIRST DRAW	S	Faucet, Cold								2020-09-29	605	X
15	LW-9.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	606	X
16	LW-11.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	607	X
17	LW-12.4	FIRST DRAW	S	Faucet, Cold								2020-09-29	614	X
18	LW-13	FIRST DRAW	S	Faucet, Cold								2020-09-29	608	X
19	LW-13.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	609	X
20	LW-14.2	FIRST DRAW	S	Faucet, Cold								2020-09-29	612	X
21	LW-15	FIRST DRAW	S	Faucet, Cold								2020-09-29	608	X
22	LW-15.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	609	X
23	LW-16	FIRST DRAW	S	Faucet, Cold								2020-09-29	616	X
24	LW-18	FIRST DRAW	S	Faucet, Cold								2020-09-29	619	X
25	LW-20.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	620	X
26	LW-24.2A	FIRST DRAW	S	Faucet, Cold								2020-09-29	554	X

Chain of Custody

27	LW-24.2B	FIRST DRAW	S	Faucet, Cold								2020-09-29	555	X
28	LW-24.2C	FIRST DRAW	S	Faucet, Cold								2020-09-29	556	X
29	LW-24.2IM	FIRST DRAW	IM	Ice Machine								2020-09-29	556	X
30	LW-25.1	FIRST DRAW	S	Faucet, Cold								2020-09-29	554	X
31	LW-27	FIRST DRAW	S	Faucet, Cold								2020-09-29	627	X
32	LW-28	FIRST DRAW	S	Faucet, Cold								2020-09-29	625	X
33	LW-29	FIRST DRAW	S	Bottle Filler								2020-09-29	630	X
34	LW-32	FIRST DRAW	S	Faucet, Cold								2020-09-29	633	X
35	LW-34	FIRST DRAW	S	Faucet, Cold								2020-09-29	634	X
36	LW-35	FIRST DRAW	S	Faucet, Cold								2020-09-29	635	X
37	LW-36A	FIRST DRAW	S	Faucet, Cold								2020-09-29	635	X
38	LW-36B	FIRST DRAW	S	Faucet, Cold								2020-09-29	636	X
39	LW-42BF	FIRST DRAW	BF	Bottle Filler								2020-09-29	612	X
40	LW-44BF	FIRST DRAW	BF	Bottle Filler								2020-09-29	627	X
41	LW-44.5A	FIRST DRAW	S	Faucet, Cold								2020-09-29	629	X
42	LW-44.5B	FIRST DRAW	S	Faucet, Cold								2020-09-29	629	X
43	LW-47BF	FIRST DRAW	BF	Bottle Filler								2020-09-29	621	X

Sampled By (signature)	Date/Time
	9/29
Relinquished By (signature)	Date/Time
	10/5
Relinquished By (signature)	Date/Time

Received By (signature)	Date/Time
Received By (signature)	Date/Time
Received By (signature)	Date/Time
	10/6/20 1600