



Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M3I1031

Project Description

SCH-21045

For:

Cynthia Klevens

New Hampshire Department of Environmental Services

29 Hazen Drive

Concord, NH 03301

Project Manager

Alicia Pemberton

Thursday, September 28, 2023

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories Inc., - Marietta, OH. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

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Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M311031

New Hampshire Department of Environmental Services

Project Name: SCH-21045

Cynthia Klevens
29 Hazen Drive
Concord, NH 03301

Project / PO Number: SCH-21045
Received: 09/14/2023
Reported: 09/28/2023

Case Narrative

The lab received 2 samples labeled as outlet 1. One has an outlet type of Drinking Fountain, The other has an outlet type of Bathroom Faucet. Both are collected at 0600. According to the outlet inventory outlet 1 should reflect Drinking Fountain. The lab can proceed with 1 sample as outlet 1 but will disregard the second received.

The lab received 2 samples labeled as outlet 12. Both reflect an outlet type of Classroom Faucet. One was collected at 0610 and the other at 0612. According to the outlet inventory outlet 12 is an outlet type of Classroom Faucet. Because there are two samples and they cannot be distinguished apart this outlet will need to be recollected.

The lab received a sample that does not have an outlet referenced. This will need to be discarded.

The lab did not receive samples labeled as 4,5,6, or 11. Each of these will need to be recollected.

The lab will reissue you a sampling kit for outlets 4,5,6,11 and 12. The facility will recollect each of these and resubmit to the lab.

Sample Summary Report

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Client Matrix</u>	<u>Sample Type</u>	<u>Sample Begin</u>	<u>Sample Taken</u>	<u>Lab Received</u>
1	M311031-01	Drinking Water	Grab		09/12/23 06:00	09/14/23 09:50
2	M311031-02	Drinking Water	Grab		09/12/23 06:01	09/14/23 09:50
3	M311031-03	Drinking Water	Grab		09/12/23 06:01	09/14/23 09:50
5	M311031-04	Drinking Water	Grab		09/12/23 00:00	09/14/23 09:50
7	M311031-05	Drinking Water	Grab		09/12/23 06:18	09/14/23 09:50
8	M311031-06	Drinking Water	Grab		09/12/23 07:18	09/14/23 09:50
9	M311031-07	Drinking Water	Grab		09/12/23 07:16	09/14/23 09:50
10	M311031-08	Drinking Water	Grab		09/12/23 06:15	09/14/23 09:50
13	M311031-09	Drinking Water	Grab		09/12/23 06:08	09/14/23 09:50
14	M311031-10	Drinking Water	Grab		09/12/23 06:08	09/14/23 09:50
15	M311031-11	Drinking Water	Grab		09/12/23 06:07	09/14/23 09:50
16	M311031-12	Drinking Water	Grab		09/12/23 06:07	09/14/23 09:50
17	M311031-13	Drinking Water	Grab		09/12/23 06:06	09/14/23 09:50
18	M311031-14	Drinking Water	Grab		09/12/23 06:05	09/14/23 09:50
19	M311031-15	Drinking Water	Grab		09/12/23 06:05	09/14/23 09:50
20	M311031-16	Drinking Water	Grab		09/12/23 06:02	09/14/23 09:50



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Analytical Testing Parameters

Client Sample ID: 1									
Sample Matrix: Drinking Water						Collected By: Scott Pierce			
Lab Sample ID: M311031-01						Collection Date: 09/12/2023 6:00			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1653	JYH

Client Sample ID: 2									
Sample Matrix: Drinking Water						Collected By: Scott Pierce			
Lab Sample ID: M311031-02						Collection Date: 09/12/2023 6:01			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	0.833	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1700	JYH

Client Sample ID: 3									
Sample Matrix: Drinking Water						Collected By: Scott Pierce			
Lab Sample ID: M311031-03						Collection Date: 09/12/2023 6:01			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1702	JYH

Client Sample ID: 7									
Sample Matrix: Drinking Water						Collected By: Scott Pierce			
Lab Sample ID: M311031-05						Collection Date: 09/12/2023 6:18			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.38	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1705	JYH

Client Sample ID: 8									
Sample Matrix: Drinking Water						Collected By: Scott Pierce			
Lab Sample ID: M311031-06						Collection Date: 09/12/2023 7:18			

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	0.945	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1707	JYH



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Client Sample ID: 9	Sample Matrix: Drinking Water	Collected By: Scott Pierce
Lab Sample ID: M311031-07		Collection Date: 09/12/2023 7:16

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	0.652	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1709	JYH

Client Sample ID: 10	Sample Matrix: Drinking Water	Collected By: Scott Pierce
Lab Sample ID: M311031-08		Collection Date: 09/12/2023 6:15

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	2.72	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1711	JYH

Client Sample ID: 13	Sample Matrix: Drinking Water	Collected By: Scott Pierce
Lab Sample ID: M311031-09		Collection Date: 09/12/2023 6:08

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.65	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1713	JYH

Client Sample ID: 14	Sample Matrix: Drinking Water	Collected By: Scott Pierce
Lab Sample ID: M311031-10		Collection Date: 09/12/2023 6:08

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.26	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1716	JYH

Client Sample ID: 15	Sample Matrix: Drinking Water	Collected By: Scott Pierce
Lab Sample ID: M311031-11		Collection Date: 09/12/2023 6:07

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	23.8	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1718	JYH



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Client Sample ID: 16	Sample Matrix: Drinking Water	Collected By: Scott Pierce
Lab Sample ID: M311031-12		Collection Date: 09/12/2023 6:07

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.39	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1720	JYH

Client Sample ID: 17	Sample Matrix: Drinking Water	Collected By: Scott Pierce
Lab Sample ID: M311031-13		Collection Date: 09/12/2023 6:06

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	0.914	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1727	JYH

Client Sample ID: 18	Sample Matrix: Drinking Water	Collected By: Scott Pierce
Lab Sample ID: M311031-14		Collection Date: 09/12/2023 6:05

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.72	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1729	JYH

Client Sample ID: 19	Sample Matrix: Drinking Water	Collected By: Scott Pierce
Lab Sample ID: M311031-15		Collection Date: 09/12/2023 6:05

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.22	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1731	JYH

Client Sample ID: 20	Sample Matrix: Drinking Water	Collected By: Scott Pierce
Lab Sample ID: M311031-16		Collection Date: 09/12/2023 6:02

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)								
Lead	1.94	5 AL	0.400	ug/L		09/26/23 1443	09/26/23 1733	JYH

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.



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Definitions

AL: US EPA Action Level
RL: Reporting Limit
ug/L: Micrograms per Liter

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 21.5°C

Cooler Inspection Checklist

Table with 4 columns: Question, Yes, No, and Answer. Rows include items like 'Ice Present or not required?', 'Shipping containers sealed or not required?', etc.

Project Requested Certification(s)

Microbac Laboratories Inc., - Marietta, OH
283922

NH Environmental Laboratory Accreditation Program

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:

Handwritten signature of Alicia Pemberton

Alicia Pemberton
Project Manager
Reported: 09/28/2023 08:42

Chain of Custody Form

Please complete all fields marked with an asterisk (*)

For lab use only:

Project ID: SB247 LEAD

Received Temperature: 21.5

Requested Analysis: Stagnant Lead by EPA Method 200.8 Matrix: Drinking Water

Date: _____

Facility Name: **Dr. H. O. Smith Elementary School**
Station ID Number: **SCH-21045**

* Facility Address: _____

* Collected By: Scott Pierce

* Contact Name & Phone Number: _____

* Relinquished By: _____
Relinquished By: _____

* Date & Time: _____
Date & Time: _____

Received By: C. White
Received By: _____

Date & Time: 9-14-23 9:50
Date & Time: _____

OUTLET TYPES: BF: Bathroom Faucet CF: Classroom Faucet DF: Drinking Fountain IM: Ice Machine KF: Kitchen Faucet NS: Nurse's Sink O: Other R: Refrigerator

Outlet ID	Station ID	* Sample Date and Time	Floor Number	Outlet Type	Location / Room Number	Flush (Y/N)	Facility	Notes	Outlet Type Code
21045-1	SCH-21045		2ND Floor	Drinking Fountain	ROOM 302		Dr. H. O. Smith Elementary School		DF
21045-2	SCH-21045		3RD Floor	Drinking Fountain	ROOM 307		Dr. H. O. Smith Elementary School		DF
21045-3	SCH-21045		3RD Floor	Drinking Fountain	HALLWAY		Dr. H. O. Smith Elementary School		DF
21045-4	SCH-21045		1ST Floor	Drinking Fountain	GYM		Dr. H. O. Smith Elementary School		DF
21045-5	SCH-21045		1ST Floor	Classroom Faucet	Room 100		Dr. H. O. Smith Elementary School		CF
21045-6	SCH-21045		1ST Floor	Classroom Faucet	Room 101		Dr. H. O. Smith Elementary School		CF
21045-7	SCH-21045		1ST Floor	Classroom Faucet	Room 102		Dr. H. O. Smith Elementary School		CF
21045-8	SCH-21045		1ST Floor	Classroom Faucet	Room 103		Dr. H. O. Smith Elementary School		CF
21045-9	SCH-21045		1ST Floor	Classroom Faucet	Room 104		Dr. H. O. Smith Elementary School		CF
21045-10	SCH-21045		1ST Floor	Classroom Faucet	Room 105		Dr. H. O. Smith Elementary School		CF
21045-11	SCH-21045		1ST Floor	Classroom Faucet	Room 106		Dr. H. O. Smith Elementary School		CF
21045-12	SCH-21045		2ND Floor	Classroom Faucet	Room 201		Dr. H. O. Smith Elementary School		CF
21045-13	SCH-21045		2ND Floor	Classroom Faucet	Room 202		Dr. H. O. Smith Elementary School		CF
21045-14	SCH-21045		2ND Floor	Classroom Faucet	Room 203		Dr. H. O. Smith Elementary School		CF
21045-15	SCH-21045		2ND Floor	Classroom Faucet	Room 204		Dr. H. O. Smith Elementary School		CF
21045-16	SCH-21045		2ND Floor	Classroom Faucet	Room 205		Dr. H. O. Smith Elementary School		CF
21045-17	SCH-21045		2ND Floor	Classroom Faucet	Room 206		Dr. H. O. Smith Elementary School		CF
21045-18	SCH-21045		2ND Floor	Classroom Faucet	Room 207		Dr. H. O. Smith Elementary School		CF
21045-19	SCH-21045		2ND Floor	Classroom Faucet	Room 208		Dr. H. O. Smith Elementary School		CF
21045-20	SCH-21045		1ST Floor	Kitchen Faucet	Food Service Kitchen		Dr. H. O. Smith Elementary School		KF

MISSING BOTTLE
ROOM 100 IS NOW OFFICE



M 3 I 1 0 3 1

New Hampshire Department of Environmental Services

Rec'd: 09/14/2023 09:50

By: Enn Porter

Temp: 21.5

(signature)

