



Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M3I1598

Project Description

SCH-21060

For:

Cynthia Klevens

**New Hampshire Department of Environmental Services**

29 Hazen Drive

Concord, NH 03301

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Project Manager

Alicia Pemberton

Monday, October 9, 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.

158 Starlite Drive | Marietta, OH 45750 | 800.373.4071 p | [www.microbac.com](http://www.microbac.com)



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M311598

New Hampshire Department of Environmental Services

Project Name: SCH-21060

Cynthia Klevens  
29 Hazen Drive  
Concord, NH 03301

Project / PO Number: SCH-21060  
Received: 09/25/2023  
Reported: 10/09/2023

**Case Narrative**

No date or time collected shown on COC. Logged per date and time collected on sample label.

**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	M311598-01	Drinking Water	Grab		09/20/23 04:31	09/25/23 12:00
2	M311598-02	Drinking Water	Grab		09/20/23 04:41	09/25/23 12:00
3	M311598-03	Drinking Water	Grab		09/20/23 04:21	09/25/23 12:00
4	M311598-04	Drinking Water	Grab		09/20/23 04:50	09/25/23 12:00
5	M311598-05	Drinking Water	Grab		09/20/23 04:52	09/25/23 12:00
6	M311598-06	Drinking Water	Grab		09/20/23 04:16	09/25/23 12:00
8	M311598-07	Drinking Water	Grab		09/20/23 04:12	09/25/23 12:00
10	M311598-08	Drinking Water	Grab		09/20/23 04:34	09/25/23 12:00
11	M311598-09	Drinking Water	Grab		09/20/23 04:24	09/25/23 12:00
13	M311598-10	Drinking Water	Grab		09/20/23 05:13	09/25/23 12:00
15	M311598-11	Drinking Water	Grab		09/20/23 04:54	09/25/23 12:00
16	M311598-12	Drinking Water	Grab		09/20/23 05:11	09/25/23 12:00
17	M311598-13	Drinking Water	Grab		09/20/23 04:19	09/25/23 12:00
18	M311598-14	Drinking Water	Grab		09/20/23 00:01	09/25/23 12:00
19	M311598-15	Drinking Water	Grab		09/20/23 04:37	09/25/23 12:00



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Analytical Testing Parameters

<b>Client Sample ID:</b> 1									
<b>Sample Matrix:</b> Drinking Water						<b>Collected By:</b> 0			
<b>Lab Sample ID:</b> M311598-01						<b>Collection Date:</b> 09/20/2023 4:31			

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		10/06/23 1433	10/06/23 1732	JYH

<b>Client Sample ID:</b> 2									
<b>Sample Matrix:</b> Drinking Water						<b>Collected By:</b> 0			
<b>Lab Sample ID:</b> M311598-02						<b>Collection Date:</b> 09/20/2023 4:41			

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	0.450	5 AL	0.400	ug/L		10/06/23 1433	10/06/23 1734	JYH

<b>Client Sample ID:</b> 3									
<b>Sample Matrix:</b> Drinking Water						<b>Collected By:</b> 0			
<b>Lab Sample ID:</b> M311598-03						<b>Collection Date:</b> 09/20/2023 4:21			

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	7.28	5 AL	0.400	ug/L		10/06/23 1433	10/06/23 1737	JYH

<b>Client Sample ID:</b> 4									
<b>Sample Matrix:</b> Drinking Water						<b>Collected By:</b> 0			
<b>Lab Sample ID:</b> M311598-04						<b>Collection Date:</b> 09/20/2023 4:50			

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	0.409	5 AL	0.400	ug/L		10/06/23 1433	10/06/23 1739	JYH

<b>Client Sample ID:</b> 5									
<b>Sample Matrix:</b> Drinking Water						<b>Collected By:</b> 0			
<b>Lab Sample ID:</b> M311598-05						<b>Collection Date:</b> 09/20/2023 4:52			

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		10/06/23 1433	10/06/23 1741	JYH



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<b>Client Sample ID:</b> 6	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> 0
<b>Lab Sample ID:</b> M311598-06		<b>Collection Date:</b> 09/20/2023 4:16

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		10/06/23 1433	10/06/23 1743	JYH

<b>Client Sample ID:</b> 8	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> 0
<b>Lab Sample ID:</b> M311598-07		<b>Collection Date:</b> 09/20/2023 4:12

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		10/06/23 1433	10/06/23 1750	JYH

<b>Client Sample ID:</b> 10	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> 0
<b>Lab Sample ID:</b> M311598-08		<b>Collection Date:</b> 09/20/2023 4:34

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		10/06/23 1433	10/06/23 1752	JYH

<b>Client Sample ID:</b> 11	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> 0
<b>Lab Sample ID:</b> M311598-09		<b>Collection Date:</b> 09/20/2023 4:24

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		10/06/23 1433	10/06/23 1754	JYH

<b>Client Sample ID:</b> 13	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> 0
<b>Lab Sample ID:</b> M311598-10		<b>Collection Date:</b> 09/20/2023 5:13

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		10/06/23 1433	10/06/23 1757	JYH



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<b>Client Sample ID:</b> 15	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> 0
<b>Lab Sample ID:</b> M311598-11		<b>Collection Date:</b> 09/20/2023 4:54

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		10/06/23 1433	10/06/23 1759	JYH

<b>Client Sample ID:</b> 16	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> 0
<b>Lab Sample ID:</b> M311598-12		<b>Collection Date:</b> 09/20/2023 5:11

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		10/06/23 1433	10/06/23 1801	JYH

<b>Client Sample ID:</b> 17	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> 0
<b>Lab Sample ID:</b> M311598-13		<b>Collection Date:</b> 09/20/2023 4:19

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		10/06/23 1433	10/06/23 1803	JYH

<b>Client Sample ID:</b> 18	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> 0
<b>Lab Sample ID:</b> M311598-14		<b>Collection Date:</b> 09/20/2023 0:01

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	1.29	5 AL	0.400	ug/L		10/06/23 1334	10/06/23 1437	JYH

<b>Client Sample ID:</b> 19	<b>Sample Matrix:</b> Drinking Water	<b>Collected By:</b> 0
<b>Lab Sample ID:</b> M311598-15		<b>Collection Date:</b> 09/20/2023 4:37

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.400	5 AL	0.400	ug/L		10/06/23 1334	10/06/23 1448	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: 21.4°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>.

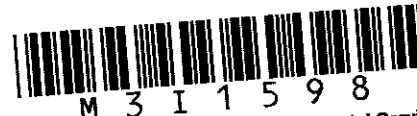
Reviewed and Approved By:

Handwritten signature of Alicia Pemberton

Alicia Pemberton
Project Manager

Reported: 10/09/2023 13:50

### Chain of Custody Form



Please complete all fields marked with an \*

New Hampshire Department of Environmental Services  
 Rec'd: 09/25/2023 12:00  
 By: Stephanie Murphy  
 Temp: 21.4  
 (Signature)

For lab use only:  
 Project ID: SB247 LEAD  
 Received Temperature: 21.7  
 Requested Analysis: Stagnant Lead by EPA Method 200.8 Matrix: Drinking Water  
 Date:

Facility Name: **Hudson Memorial School**  
 Station ID Number: **SCH-21060**  
 \* Facility Address:   
 \* Collected By:   
 \* Contact Name & Phone Number:   
 \* Relinquished By:   
 Relinquished By:   
 \* Date & Time:   
 Date & Time:   
 Received By:   
 Received By:   
 \* 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
<del>21060-1</del>	SCH-21060		1ST Floor	Drinking Fountain	1105 CHORUS PRACTICE Room		Hudson Memorial School		DF
<del>21060-2</del>	SCH-21060		1ST Floor	Classroom Faucet	1206 FACS 1ST SINK		Hudson Memorial School		CF
<del>21060-3</del>	SCH-21060		1ST Floor	Classroom Faucet	2107 ART 1ST SINK		Hudson Memorial School		CF
<del>21060-4</del>	SCH-21060		1ST Floor	Drinking Fountain	BASEMENT FOUNTAIN		Hudson Memorial School		DF
<del>21060-5</del>	SCH-21060		1ST Floor	Drinking Fountain	GIRLS LOCKER ROOM		Hudson Memorial School		DF
<del>21060-6</del>	SCH-21060		1ST Floor	Drinking Fountain	Room 107		Hudson Memorial School		DF
<del>21060-7</del>	SCH-21060		2ND Floor	Drinking Fountain	Room 218		Hudson Memorial School		DF
<del>21060-8</del>	SCH-21060		1ST Floor	Drinking Fountain	MAIN OFFICE		Hudson Memorial School		DF
<del>21060-9</del>	SCH-21060		1ST Floor	Drinking Fountain	Multi Purpose Gym		Hudson Memorial School		DF
<del>21060-10</del>	SCH-21060		1ST Floor	Drinking Fountain	CAFETERIA		Hudson Memorial School		DF
<del>21060-11</del>	SCH-21060		1ST Floor	Drinking Fountain	Room 175		Hudson Memorial School		DF
<del>21060-12</del>	SCH-21060		1ST Floor	Drinking Fountain	Room 175		Hudson Memorial School		DF
<del>21060-13</del>	SCH-21060		2ND Floor	Drinking Fountain	Room 235		Hudson Memorial School		DF
<del>21060-14</del>	SCH-21060		2ND Floor	Drinking Fountain	Room 235		Hudson Memorial School		DF
<del>21060-15</del>	SCH-21060		1ST Floor	Drinking Fountain	GYM		Hudson Memorial School		DF
<del>21060-16</del>	SCH-21060		2ND Floor	Drinking Fountain	Room 211		Hudson Memorial School		DF
<del>21060-17</del>	SCH-21060		1ST Floor	Drinking Fountain	Room 116		Hudson Memorial School		DF
<del>21060-18</del>	SCH-21060		1ST Floor	Drinking Fountain	MAIN LOBBY FOUNTAIN		Hudson Memorial School		DF
<del>21060-19</del>	SCH-21060		1ST Floor	Kitchen Faucet	Food Service Kitchen		Hudson Memorial School		KF

Work Order # M3 1598

COOLER TEMP >6° C LOG

SAMPLE ID	Bottle 1 °C	Bottle 2 °C	Bottle 3 °C	Bottle 4 °C	Bottle 5 °C	Bottle 6 °C

*9/22/2003 SM*

pH Lot # HC318549

SAMPLE ID	pH		Exceptions			
	Bottle 1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6
<u>SCH 21060</u>	<u>Memis</u>					

*9/22/2003 SM*

**PRESERVATIVE  
EXCEPTIONS**

**NONE**

**AS NOTED**

*9/22/2003 SM*