

Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS M4B1606

Project Description

SCH-21170

For:

Cynthia Klevens

New Hampshire Department of Environmental Services

29 Hazen Drive

Concord, NH 03301

Customer Relationship Coordinator

Jacqueline Parsons

Wednesday, March 6, 2024

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.



Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M4B1606

New Hampshire Department of Environmental Services

Project Name: SCH-21170

Cynthia Klevens 29 Hazen Drive Concord, NH 03301 Project / PO Number: SCH-21170

Received: 02/26/2024 Reported: 03/06/2024

Sample Summary Report

| Sample Name | Laboratory ID | Client Matrix | Sample Type | Sample Begin | Sample Taken | Lab Received |
|-------------|---------------|----------------|-------------|--------------|----------------|----------------|
| 1 | M4B1606-01 | Drinking Water | Grab | | 02/22/24 09:42 | 02/26/24 12:45 |
| 2 | M4B1606-02 | Drinking Water | Grab | | 02/22/24 09:44 | 02/26/24 12:45 |
| 3 | M4B1606-03 | Drinking Water | Grab | | 02/22/24 09:46 | 02/26/24 12:45 |
| 4 | M4B1606-04 | Drinking Water | Grab | | 02/22/24 09:48 | 02/26/24 12:45 |
| 5 | M4B1606-05 | Drinking Water | Grab | | 02/22/24 09:50 | 02/26/24 12:45 |
| 6 | M4B1606-06 | Drinking Water | Grab | | 02/22/24 09:52 | 02/26/24 12:45 |
| 7 | M4B1606-07 | Drinking Water | Grab | | 02/22/24 09:54 | 02/26/24 12:45 |
| 8 | M4B1606-08 | Drinking Water | Grab | | 02/22/24 09:56 | 02/26/24 12:45 |
| 9 | M4B1606-09 | Drinking Water | Grab | | 02/22/24 09:58 | 02/26/24 12:45 |
| 10 | M4B1606-10 | Drinking Water | Grab | | 02/22/24 10:00 | 02/26/24 12:45 |



Microbac Laboratories Inc., - Marietta, OH CERTIFICATE OF ANALYSIS

M4B1606

Analytical Testing Parameters

| Client Sample ID: | 1 | | |
|-------------------|----------------|------------------|-----------------|
| Sample Matrix: | Drinking Water | Collected By: | Eugene Frost |
| Lab Sample ID: | M4B1606-01 | Collection Date: | 02/22/2024 9:42 |

| 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 | | 03/05/24 0955 | 03/05/24 1041 | JYH |

Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: **Eugene Frost** M4B1606-02 **Collection Date:** 02/22/2024 9:44 Lab Sample ID:

Limit(e)

| 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 | ua/L | | 03/05/24 0955 | 03/05/24 1046 | JYH |

RΙ

Client Sample ID:

Drinking Water Sample Matrix: Collected By: **Eugene Frost** M4B1606-03 02/22/2024 9:46 Lab Sample ID: **Collection Date:**

| 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 | 1.35 | 5 AL | 0.400 | ug/L | | 03/05/24 0955 | 03/05/24 1048 | JYH |

Client Sample ID:

Drinking Water Sample Matrix: Collected By: **Eugene Frost** M4B1606-04 02/22/2024 9:48 Lab Sample ID: **Collection Date:**

| Metals Total by ICPMS | Result | Limit(s) | RL | Units | Note | Prepared | Analyzed | Analyst |
|---|---------|----------|-------|-------|------|---------------|---------------|---------|
| Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994) | | | | | | | | |
| l ead | < 0.400 | 5 AI | 0.400 | ua/l | | 03/05/24 0955 | 03/05/24 1049 | IVH |

Client Sample ID:

Sample Matrix: **Drinking Water** Collected By: **Eugene Frost** Lab Sample ID: M4B1606-05 02/22/2024 9:50 **Collection Date:**

| 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 | 3.55 | 5 AL | 0.400 | ug/L | | 03/05/24 0955 | 03/05/24 1111 | JYH |



Microbac Laboratories Inc., - Marietta, OH

CERTIFICATE OF ANALYSIS

M4B1606

Client Sample ID: 6

Sample Matrix:Drinking WaterCollected By:Eugene FrostLab Sample ID:M4B1606-06Collection Date:02/22/20249:52

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 9.61 5 AL 0.400 ug/L 03/05/24 0955 03/05/24 1113 JYH

Client Sample ID:

Sample Matrix:Drinking WaterCollected By:Eugene FrostLab Sample ID:M4B1606-07Collection Date:02/22/2024 9:54

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 03/05/24 0955 03/05/24 1054 JYH

Client Sample ID: 8

Sample Matrix:Drinking WaterCollected By:Eugene FrostLab Sample ID:M4B1606-08Collection Date:02/22/2024 9:56

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst

Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994)

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Lead 5.95 5 AL 0.400 ug/L 03/05/24 0955 03/05/24 1056 JYH

Client Sample ID:

Sample Matrix:Drinking WaterCollected By:Eugene FrostLab Sample ID:M4B1606-09Collection Date:02/22/2024 9:58

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)

0.400

ug/L

03/05/24 0955

03/05/24 1121

JYH

5 AL

Client Sample ID: 10

Lead

Sample Matrix:Drinking WaterCollected By:Eugene FrostLab Sample ID:M4B1606-10Collection Date:02/22/2024 10:00

Metals Total by ICPMS Result Limit(s) RL Units Note Prepared Analyzed Analyst Method: EPA 200.8/EPA 200.8, Rv. 5.4 (1994) 0.962 5 AL 0.400 Lead ug/L 03/05/24 0955 03/05/24 1123 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.



Microbac Laboratories Inc., - Marietta, OH CERTIFICATE OF ANALYSIS

M4B1606

Definitions

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

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 11.3°C

Cooler Inspection Checklist

| Ice Present or not required? | Yes | Shipping containers sealed or not required? | Yes |
|--|-----|---|-----|
| Custody seals intact or not required? | Yes | Chain of Custody (COC) Present? | Yes |
| COC includes customer information? | Yes | Relinquished and received signature on COC? | Yes |
| Sample collector identified on COC? | Yes | Sample type identified on COC? | Yes |
| Correct type of Containers Received | Yes | Correct number of containers listed on COC? | Yes |
| Containers Intact? | Yes | COC includes requested analyses? | Yes |
| Enough sample volume for indicated tests received? | Yes | Sample labels match COC (Name, Date & Time?) | Yes |
| Samples arrived within hold time? | Yes | Correct preservatives on COC or not required? | Yes |
| Chemical preservations checked or not required? | Yes | Preservation checks meet method requirements? | Yes |
| VOA vials have zero headspace, or not recd.? | Yes | | |

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:

Jacqueline Parsons

Customer Relationship Coordinator

Reported: 03/06/2024 09:32

* Relinquished By:

Chain of Custody Form

603-313-7504

| _ | Please complete all fields marked with an a | [۷] New Hampshir | 4 B 6 e Department of Envi | U 6 |
|---|---|-------------------------------------|---------------------------------|-------------|
| Project ID: S8247 LEAD | For lab use only: | Rec'd: 02/26/2024 Bv: Enn Porter | 12:45 Temp: 11.3 | (Signature) |
| Received Temperature: | ox: Drinking Water Date: | | | |
| Facility Name: Symonds Elementary School Station ID Number: SCH-21170 | * Facility Address: 7 | 7 PARK | AVE | |
| * Collected By: EUGENE FOOT | * Contact Name & Phone Number: | N) DOOLE | Y 602 31 | 7-750U |

* Date & Time: 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

KEN DOOLEY

| Outlet ID | Station ID | * Sample Date and Time | rioor Number | Outlet Type | Location / Room Number | Flush (Y/N) | Facility | Notes | Outlet Type |
|-------------|------------|--|--------------|---|---------------------------|---|---------------------------|---------|---|
| 21170-1 | SCH-21170 | 22 9:42 | 2 | Drinking Fountain | 200 Hallway FTN | 200000000000000000000000000000000000000 | Same and Flance and Sales | | Code |
| 21170-2 | SCH-21170 | ५ 9: पप | 3 | Drinking Fountain | 300 Hallway FTN | | Symonds Elementary School | | DF |
| 21170-3 | SCH-21170 | H G: UL | 0 | Drinking Fountain | Basement Hallway FTN | | Symonds Elementary School | | DF |
| | SCH-21170 | 4 9:42 | 1 | Drinking Fountain | Main Lobby FTN | | Symonds Elementary School | | DF |
| 21170-5 | SCH-21170 | 4 9:50 4 9:52 | 1 | Kitchen Faucet | Kitchen Sink At Serving W | | Symonds Elementary School | | DF |
| 21170-6 | SCH-21170 | 4 9:52 | 1 | Kitchen Faucet | Kitchen Wash Sink | ngow | Symonds Elementary School | | KF |
| 21170-7 | SCH-21170 | " 4: XI | 1 | Nurse's Sink | Nurses Sink | | Symonds Elementary School | | KF |
| 21170-8 | SCH-21170 | 11 9:56 | 1 | Classroom Faucet | Room 12 Sink | | Symonds Elementary School | | NS |
| 21170-9 | SCH-21170 | 11 9158 | 1 | Drinking Fountain | Room 12 Sink | | Symonds Elementary School | | CF |
| 21170-10 | SCH-21170 | V 10:50 | 1 | Drinking Fountain | Room 119 FTN | | Symonds Elementary School | | DF |
| | | 7 | † <u>-</u> | Drinking Fountain | Room 131 FTN | | Symonds Elementary School | | DF |
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