Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T3D1090

Project Description

School Lead Testing

For:

Lisa Knewasser

Broome-Tioga BOCES

435 Glenwood RD

Binghamton, NY 13905

Project Manager

Joseph Palanza

Monday, August 14, 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., Pittston Division. 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.

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T3D1090

Revised Report: Amended - See Case Narrative.

Broome-Tioga BOCES

Lisa Knewasser
435 Glenwood RD
Binghamton, NY 13905

Project Name: School Lead Testing

Project / PO Number: BTB-AS
Received: 04/07/2023
Reported: 08/14/2023

Case Narrative

Revision 1 - 08/14/2023: Revised to show correct MDL

Sample Summary Report

Sample Name	Laboratory ID	Client Matrix	Sample Type	Sample Begin	Sample Taken	Lab Received
BTB-AS-Locker Room -WD	T3D1090-01	Drinking Water	Grab		04/04/23 06:20	04/07/23 16:34

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Microbac Laboratories, Inc., Pittston Division

CERTIFICATE OF ANALYSIS

T3D1090

Analytical Testing Parameters

Client Sample ID:	BTB-AS-Locker Room -WD		
Sample Matrix:	Drinking Water	**Collected By:**	Lisa Knewasser
Lab Sample ID:	T3D1090-01	**Collection Date:**	04/04/2023 6:20

Analyses Performed by: 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	0.005 AL	0.0010	mg/L		04/17/23 1214	04/17/23 1508	MMC

*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
mg/L:	Milligrams per Liter
RL:	Reporting Limit

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 6.1°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. - Dayville	
11549	New York State Department of Health
Microbac Laboratories, Inc., Pittston Division	
35-05082	Pennsylvania Department of Environmental Protection

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:

Joseph Palanza
Project Manager
Reported: 08/14/2023 10:07

MICROBAC 3821 Buck Dr., Cortland, NY 13045 | 607.753.3403 p | 607.753.3415 f

CHAIN OF CUSTODY RECORD

Number

Instructions on back

Lab Report Address: 435 Glenwood Rd
Client Name: BT BOCES
Address: 435 Glenwood Rd
City, State, Zip: Binghamton, N.Y. 13905
Contact: Lisa Knewasser
Telephone No.: 607-752-0261 (cell)

Invoice Address: Same
Client Name:
Address:
City, State, Zip:
Contact: Sarah VanGalder
Telephone No.: 607-763-3354

Turnaround Time
☐ Routine (5 to 7 business days)
☐ RUSH* (notify lab)
(needed by)

TO BE COMPLETED BY MICROBAC
Temperature Upon Receipt (°C): 6.1°
Therm ID: 7
Holding Time: 4
Samples Received on Ice? ☑ Yes ☐ No ☐ N/A
Custody Seals Intact? ☐ Yes ☐ No ☐ N/A

Report Type
☐ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Report via: ☑ Mail ☐ Fax ☐ e-mail (address) lknewass@btboces.org
Send Invoice via: ☐ Mail ☐ Fax ☑ e-mail (address) svangald@btboces.org

Project:
Location:
PO No.:
Compliance Monitoring? ☐ Yes ☐ No
☐ Agency/Program

Sampled by (PRINT):
Sampler Signature:
Sampler Phone No.:

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)
** Preservative Types: (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **
1.	BTB-AS-Locker Room-WD	4/4/23	6:20			X	HNO3

Additional Notes
Lead in drinking water

Broome-Tioga BOCES
PM: Kylie Ryan

Possible Hazard Identification: ☑ Hazardous ☐ Non-Hazardous ☐ Radioactive
Comments

Sample Disposition: ☑ Dispose as appropriate ☐ Return ☐ Archive

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
Lisa Knewasser	4/6/23 115		
Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
		4-7-23	1257
Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
		Melissa Bryden	4/7/23 16:54