



Eastern Analytical, Inc.

professional laboratory and drilling services

Patty Brown
Groveton Elementary School (SAU58)
15 Preble Street
Groveton , NH 03582



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 189549

Client Identification: Lead in Drinking Water | Monitoring Location identifier Sch-22905

Date Received: 11/27/2018

Dear Ms. Brown :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.easternanalytical.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

Solid samples are reported on a dry weight basis, unless otherwise noted

< : "less than" followed by the reporting limit

> : "greater than" followed by the reporting limit

%R : % Recovery

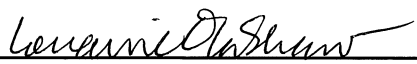
Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269), Vermont (VT1012) and New York (12072).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample (s) 30 days from the sample receipt date.

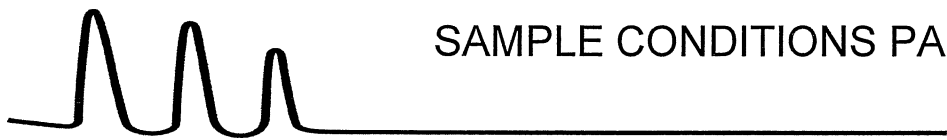
We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,


Lorraine Olashaw, Lab Director

12.3.18
Date

6
of pages (excluding cover letter)



SAMPLE CONDITIONS PAGE

EAI ID#: 189549

Client: **Groveton Elementary School (SAU58)**

Client Designation: **Lead in Drinking Water | Monitoring Location identifier Sch-22905**

Temperature upon receipt (°C): 17

Received on ice or cold packs (Yes/No): N

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
189549.01	1 TOP FLOOR WATER FOUNTAIN	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189549.02	2 SECOND FLOOR WATER FOUNTAIN	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189549.03	3 MAIN FLOOR WATER FOUNTAIN	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189549.04	4 MAIN FLOOR Water Fountain	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189549.05	5 PRIMARY WING ROOM 204 SINK	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189549.06	6 PRIMARY WING ROOM 208 SINK	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189549.07	7 PRIMARY WING ROOM 207 SINK	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189549.08	8 NURSE'S OFFICE PRIMARY WING ROOM 206 SINK	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189549.09	9 PRIMARY WING WATER FOUNTAIN	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189549.1	10 CAFETERIA FOOD PREP SINK	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189549.11	11 BOTTOM FLOOR GIRLS BATHROOM	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189549.12	12 BOTTOM FLOOR BOYS BATHROOM	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis. Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th, 21st, 22nd & 23rd Edition or noted Revision year.
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 4th edition, 1992



LABORATORY REPORT

EAI ID#: 189549

Client: **Groveton Elementary School (SAU58)**

Client Designation: **Lead in Drinking Water | Monitoring Location identifier Sch-22905**

Sample ID:	1 TOP FLOOR WATER FOUNTAIN	2 SECOND FLOOR WATER FOUNTAIN	3 MAIN FLOOR WATER FOUNTAIN						
Lab Sample ID:	189549.01	189549.02	189549.03						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	11/27/18	11/27/18	11/27/18	Analytical Matrix	Units	Date of Analysis	Method	Analyst	
Date Received:	11/27/18	11/27/18	11/27/18						
Lead	0.0043	< 0.001	0.0011	AqTot	mg/L	11/30/18	200.8	DS	

Sample ID:	4 MAIN FLOOR Water Fountain	5 PRIMARY WING ROOM 204 SINK	6 PRIMARY WING ROOM 208 SINK						
Lab Sample ID:	189549.04	189549.05	189549.06						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	11/27/18	11/27/18	11/27/18	Analytical Matrix	Units	Date of Analysis	Method	Analyst	
Date Received:	11/27/18	11/27/18	11/27/18						
Lead	0.0017	0.0019	0.0016	AqTot	mg/L	11/30/18	200.8	DS	



LABORATORY REPORT

EAI ID#: 189549

Client: **Groveton Elementary School (SAU58)**

Client Designation: **Lead in Drinking Water | Monitoring Location identifier Sch-22905**

Sample ID:	7 PRIMARY WING ROOM 207 SINK	8 NURSE'S OFFICE PRIMARY WING ROOM 206 SINK	9 PRIMARY WING WATER FOUNTAIN						
Lab Sample ID:	189549.07	189549.08	189549.09						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	11/27/18	11/27/18	11/27/18						
Date Received:	11/27/18	11/27/18	11/27/18	Analytical Matrix	Units	Date of Analysis	Method	Analyst	
Lead	0.0028	0.0014	0.0012	AqTot	mg/L	11/30/18	200.8	DS	

Sample ID:	10 CAFETERIA FOOD PREP SINK	11 BOTTOM FLOOR GIRLS BATHROOM	12 BOTTOM FLOOR BOYS BATHROOM						
Lab Sample ID:	189549.1	189549.11	189549.12						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	11/27/18	11/27/18	11/27/18						
Date Received:	11/27/18	11/27/18	11/27/18	Analytical Matrix	Units	Date of Analysis	Method	Analyst	
Lead	0.0011	0.0020	0.0020	AqTot	mg/L	11/30/18	200.8	DS	

Sample IDs	Date/Time Composites need start and stop dates/times	Matrix	Parameters and Sample Notes	# of containers
1 TOP FLOOR WATER FOUNTAIN	11-27-18 7:22AM	aqueous Grab or Comp	AqT ot/CPMets, Pb Circle preservative/s: HCL HNO ₃ H ₂ SO ₄ NaOH MEOH Na ₂ S ₂ O ₈ ICE	1 Dissolved Sample Field Filtered <input type="checkbox"/>
2 SECOND FLOOR WATER FOUNTAIN	11-27-18 7:35AM	aqueous Grab or Comp	AqT ot/CPMets, Pb Circle preservative/s: HCL HNO ₃ H ₂ SO ₄ NaOH MEOH Na ₂ S ₂ O ₈ ICE	1 Dissolved Sample Field Filtered <input type="checkbox"/>
3 MAIN FLOOR WATER FOUNTAIN	11-27-18 7:38AM	aqueous Grab or Comp	AqT ot/CPMets, Pb Circle preservative/s: HCL HNO ₃ H ₂ SO ₄ NaOH MEOH Na ₂ S ₂ O ₈ ICE	1 Dissolved Sample Field Filtered <input type="checkbox"/>
4 MAIN FLOOR SINK	11-27-18 7:34AM	aqueous Grab or Comp	AqT ot/CPMets, Pb Circle preservative/s: HCL HNO ₃ H ₂ SO ₄ NaOH MEOH Na ₂ S ₂ O ₈ ICE	1 Dissolved Sample Field Filtered <input type="checkbox"/>

Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.

EAI Project ID
 Project Name Lead in Drinking Water | Monitoring
 Location Identifier Sch-22905
 State NH
 Client (Pro Mgr) Patty Brown
 Customer Groveton Elementary School
 Address 15 Preble Street
 City Groveton NH 03582
 Phone 603-636-1806 Fax
 Email: p-brown@sau58.org
 Direct 636-1437

Results Needed by: Preferred date ASAP
 Notes:
 Monitoring Location identifier Sch-22905

QC deliverables
 A A+ B B+ C MA MCP

Reporting Options
 HC
 EDD PDF
 EDD email
 PDF prelim, NO FAX
 e-mail Login Confirmation
 NO FAX
 Partial FAX
 PDF Invoice
 EQUIS

Temp 17°C
 Ice Y N

Samples Collected by: MSA GAMES
 Relinquished by: SAU58 Date/Time: 11-27-18 @ 9:00AM
 Relinquished by: SAU58 Date/Time: 11:30 AM 11-27-18
 Received by: [Signature]

PO# Credit App. Quote#:

Eastern Analytical, Inc. www.easternanalytical.com | 800.287.0525 | customerservice@easternanalytical.com

CHAIN-OF-CUSTODY RECORD

189549
G/FES

Date/Time _____ Composites need start _____ and stop dates/times _____ Matrix _____ Parameters and Sample Notes _____ # of containers _____

5 PRIMARY WING ROOM 204 SINK
11-27-18
7:47 AM
aqueous
Grab or Comp
AqT ot/CPMets. Pb
Circle preservative/s: HCL, HNO₃, H₂SO₄, NaOH, MEOH, Na₂S₂O₈, ICE
Dissolved Sample Field Filtered
1

6 PRIMARY WING ROOM 206 SINK 305
11-27-18
7:46 AM
aqueous
Grab or Comp
AqT ot/CPMets. Pb
Circle preservative/s: HCL, HNO₃, H₂SO₄, NaOH, MEOH, Na₂S₂O₈, ICE
Dissolved Sample Field Filtered
1

7 PRIMARY WING ROOM 207 SINK
11-27-18
7:53 AM
aqueous
Grab or Comp
AqT ot/CPMets. Pb
Circle preservative/s: HCL, HNO₃, H₂SO₄, NaOH, MEOH, Na₂S₂O₈, ICE
Dissolved Sample Field Filtered
1

8 NURSE'S OFFICE PRIMARY WING ROOM 208 SINK 305
11-27-18
7:51 AM
aqueous
Grab or Comp
AqT ot/CPMets. Pb
Circle preservative/s: HCL, HNO₃, H₂SO₄, NaOH, MEOH, Na₂S₂O₈, ICE
Dissolved Sample Field Filtered
1

Sampler confirms ID and parameters are accurate
Circle preservative/s: HCL, HNO₃, H₂SO₄, NaOH, MEOH, Na₂S₂O₈, ICE
Dissolved Sample Field Filtered

Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.

EAI Project ID _____

Project Name Lead in Drinking Water | Monitoring Location identifier Sch-22905

State NH

Client (Pro Mgr) Patty Brown

Customer Groveton Elementary School

Address 15 Preble Street

City Groveton NH 03582

Phone 603-636-1806 Fax _____

Email: p-brown@sau58.org

Direct 636-1437

Results Needed by: Preferred date ASAP

Notes: _____

Monitoring Location identifier Sch-22905

Reporting Options
 HC
 EDD PDF
 EDD email
 PDF prelim, NO FAX
 e-mail Login Confirmation
 NO FAX
 Partial FAX
 PDF Invoice
 EQUIS

Temp 7 °C
Ice Y N

PO# Credit App. _____

Quote#: _____

Samples Collected by: KISA GRIMES
Relinquished by: Heather HSC Date/Time: 11-27-18 2:00 PM
Relinquished by: Heather HSC Date/Time: _____
Received by: [Signature]

QC deliverables
 A A+ B B+ C MA MCP

189549

Date/Time

Composites need start and stop dates/times

Matrix

Parameters and Sample Notes

of containers

9 PRIMARY WING WATER FOUNTAIN	11-27-18 7:50 A.M.	aqueous Grab or Comp	AqT ot/CPMeets, Pb	Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEOH, Na ₂ S ₂ O ₈ , ICE	Dissolved Sample Field Filtered <input type="checkbox"/>	1
<input checked="" type="checkbox"/> Sampler confirms ID and parameters are accurate						
10 CAFETERIA FOOD PREP SINK	11-27-18 7:18 A.M.	aqueous Grab or Comp	AqT ot/CPMeets, Pb	Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEOH, Na ₂ S ₂ O ₈ , ICE	Dissolved Sample Field Filtered <input type="checkbox"/>	1
<input checked="" type="checkbox"/> Sampler confirms ID and parameters are accurate						
11 BOTTOM FLOOR GIRLS BATHROOM	11-27-18 7:19 A.M.	aqueous Grab or Comp	AqT ot/CPMeets, Pb	Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEOH, Na ₂ S ₂ O ₈ , ICE	Dissolved Sample Field Filtered <input type="checkbox"/>	1
<input checked="" type="checkbox"/> Sampler confirms ID and parameters are accurate						
12 BOTTOM FLOOR BOYS BATHROOM	11-27-18 7:30 A.M.	aqueous Grab or Comp	AqT ot/CPMeets, Pb	Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEOH, Na ₂ S ₂ O ₈ , ICE	Dissolved Sample Field Filtered <input type="checkbox"/>	1
<input checked="" type="checkbox"/> Sampler confirms ID and parameters are accurate						

Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.

EAI Project ID _____

Project Name Lead in Drinking Water | Monitoring Location Identifier Sch-22905

State NH

Client (Pro Mgr) Patty Brown

Customer Groveton Elementary School

Address 15 Preble Street

City Groveton NH 03582

Phone 603-636-1806 Fax _____

Email: p-brown@sau58.org

Direct 636-1437

Results Needed by: Preferred date PSIAP

Notes: _____

Monitoring Location identifier Sch-22905

Reporting Options

HC NO FAX

EDD PDF Partial FAX

EDD email PDF Invoice

PDF prelim, NO FAX EQUIS

e-mail Login Confirmation

Samples Collected by: LISA GARLAND

Relinquished by: SEAN Date/Time: 11-27-18 @ 9:00 A.M.

Relinquished by: SEAN Date/Time: 11/27/18 1:58

Temp 17°C

Ice Y N

PO# Credit App. _____

Quote#: _____

Received by: _____

QC deliverables A A+ B B+ C MA MCP

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