



Eastern Analytical, Inc.

professional laboratory and drilling services

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



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 189548

Client Identification: Lead in Drinking Water | Monitoring Location identifier Sch-22900

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
Lorraine Olashaw, Lab Director

12.3.18
Date

6
of pages (excluding cover letter)



SAMPLE CONDITIONS PAGE

EAI ID#: 189548

Client: Groveton High School (SAU58)

Client Designation: Lead in Drinking Water | Monitoring Location identifier Sch-22900

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)
189548.01	1 TOP FLOOR WATER FOUNTAIN	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189548.02	2 TOP FLOOR BOYS BATHROOM SINK	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189548.03	3 MAIN FLOOR WATER FOUNTAIN	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189548.04	4 MAIN FLOOR GIRLS BATHROOM SINK	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189548.05	5 TEACHERS ROOM SINK	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189548.06	6 NURSE'S ROOM SINK	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189548.07	7 ROOM 201 FRONT SINK	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189548.08	8 BOTTOM FLOOR WATER FOUNTAIN	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189548.09	9 CAFETERIA FOOD PREP SINK	11/27/18	11/27/18	aqueous		Adheres to Sample Acceptance Policy
189548.1	10 GYM WATER FOUNTAIN	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#: **189548**

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

Client Designation: **Lead in Drinking Water | Monitoring Location identifier Sch-22900**

Sample ID:	1 TOP FLOOR WATER FOUNTAIN	2 TOP FLOOR BOYS BATHROOM SINK	3 MAIN FLOOR WATER FOUNTAIN						
Lab Sample ID:	189548.01	189548.02	189548.03						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	11/27/18	11/27/18	11/27/18	Analytical					
Date Received:	11/27/18	11/27/18	11/27/18	Matrix	Units	Date of Analysis	Method	Analyst	
Lead	< 0.001	0.0028	< 0.001	AqTot	mg/L	11/30/18	200.8	DS	

Sample ID:	4 MAIN FLOOR GIRLS BATHROOM SINK	5 TEACHERS ROOM SINK	6 NURSE'S ROOM SINK						
Lab Sample ID:	189548.04	189548.05	189548.06						
Matrix:	aqueous	aqueous	aqueous						
Date Sampled:	11/27/18	11/27/18	11/27/18	Analytical					
Date Received:	11/27/18	11/27/18	11/27/18	Matrix	Units	Date of Analysis	Method	Analyst	
Lead	0.0032	0.0040	0.0029	AqTot	mg/L	11/30/18	200.8	DS	



LABORATORY REPORT

EAI ID#: **189548**

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

Client Designation: **Lead in Drinking Water | Monitoring Location Identifier Sch-22900**

Sample ID:	7 ROOM 201 FRONT SINK	8 BOTTOM FLOOR WATER FOUNTAIN	9 CAFETERIA FOOD PREP SINK					
Lab Sample ID:	189548.07	189548.08	189548.09					
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	0.0070	0.014	< 0.001	AqTot	mg/L	11/30/18	200.8	DS

Sample ID:	10 GYM WATER FOUNTAIN							
Lab Sample ID:	189548.1							
Matrix:	aqueous							
Date Sampled:	11/27/18			Analytical Matrix	Units	Date of Analysis	Method	Analyst
Date Received:	11/27/18							
Lead	< 0.001			AqTot	mg/L	11/30/18	200.8	DS

Sample IDs	Date/Time	Matrix	Parameters and Sample Notes	# of containers
1 TOP FLOOR WATER FOUNTAIN	11-27-18 6:38 A.M.	aqueous Grab or Comp	AqTot/CPMets, Pb	1
<input checked="" type="checkbox"/> Sampler confirms ID and parameters are accurate			Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEQH, Na ₂ S ₂ O ₈ , ICE	
2 TOP FLOOR BOYS BATHROOM SINK	11-27-18 6:46 A.M.	aqueous Grab or Comp	AqTot/CPMets, Pb	1
<input checked="" type="checkbox"/> Sampler confirms ID and parameters are accurate			Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEQH, Na ₂ S ₂ O ₈ , ICE	
3 MAIN FLOOR WATER FOUNTAIN	11-27-18 6:44 A.M.	aqueous Grab or Comp	AqTot/CPMets, Pb	1
<input checked="" type="checkbox"/> Sampler confirms ID and parameters are accurate			Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEQH, Na ₂ S ₂ O ₈ , ICE	
4 MAIN FLOOR GIRLS BATHROOM	11-27-18 6:46 A.M.	aqueous Grab or Comp	AqTot/CPMets, Pb	1
<input checked="" type="checkbox"/> Sampler confirms ID and parameters are accurate			Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEQH, Na ₂ S ₂ O ₈ , ICE	

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-22900

State NH
 Client (Pro Mgr) Patty Brown

Customer Groveton High School (SAU58)
 Address 15 Preble Street
 City Groveton NH 03582

Phone 603-636-1619 Fax _____
 Email: p-brown@sau58.org

Direct 636-1437

Results Needed by: Preferred date 12/5/18

Notes: _____

Monitoring Location identifier Sch-22900

Reporting Options:
 HC
 EDD PDF
 EDD email
 PDF prelim, NO FAX
 e-mail Login Confirmation

PO# _____ Credit App. _____
 Quote#: _____

Temp 17°C
 Ice Y N

Samples Collected by: HSAG/GRHS
 Relinquished by: SAU58 Date/Time 11-27-18 9:00am

Relinquished by: SAU58 Date/Time 11/27/18 11:58 Received by: Wally

QC deliverables: A A+ B B+ C MA MCP

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

CHAIN-OF-CUSTODY RECORD

189548

GRHS

Date/Time
Composites need start
and stop dates/times

Matrix

of containers

Sample IDs	Date/Time	Matrix	Parameters and Sample Notes	# of containers
5 TEACHERS ROOM SINK	11-27-18 6:49 A.M.	aqueous Grab or Comp	AqTo/CPMets, Pb Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEOH, Na ₂ S ₂ O ₈ , ICE	1
6 NURSES ROOM SINK	11-27-18 6:50 A.M.	aqueous Grab or Comp	AqTo/CPMets, Pb Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEOH, Na ₂ S ₂ O ₈ , ICE	1
7 ROOM 201 FRONT SINK	11-27-18 6:53 A.M.	aqueous Grab or Comp	AqTo/CPMets, Pb Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEOH, Na ₂ S ₂ O ₈ , ICE	1
8 BOTTOM FLOOR WATER FOUNTAIN	11-27-18 6:54 A.M.	aqueous Grab or Comp	AqTo/CPMets, Pb Circle preservative/s: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEOH, Na ₂ S ₂ O ₈ , ICE	1

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-22900
State NH
Client (Pro Mgr) Patty Brown
Customer Groveton High School (SAU58)
Address 15 Preble Street
City Groveton NH 03582
Phone 603-636-1619 Fax
Email: p-brown@sau58.org
Direct 636-1437

Results Needed by: Preferred date ASAP
Notes:
Monitoring Location identifier Sch-22900

Reporting Options
 HC
 EDD PDF
 EDD email
 PDF prelim, NO FAX
 e-mail Login Confirmation
 NO FAX
 Partial FAX
 PDF Invoice
 EQUIS
 Samples Collected by: LISA GRUBBS
 Relinquished by: SEATED Date/Time: 11-27-18 1:58
 Relinquished by: SEATED Date/Time: 11-27-18 1:58
 Temp: 17°C
 Ice: Y N

QC deliverables
 A A+ B B+ C MA MCP
 Eastern Analytical, Inc. | 800.287.0525 | customerservice@easternanalytical.com

189526

GRHS

Date/Time
Composites need start
and stop dates/times

Matrix

Parameters and Sample Notes

of containers

9 CAFETERIA FOOD
PREP SINK

11-27-18

aqueous

AqTot/CPMets, Pb

Grab or Comp

1

Sampler confirms ID and parameters are accurate

Circle preservative/s: HCL, HNO₃, H₂SO₄, NaOH, MEQH, Na₂S₂O₈, ICE

Dissolved Sample Field Filtered

10 GYM WATER
FOUNTAIN

11-27-18

aqueous

AqTot/CPMets, Pb

Grab or Comp

1

Sampler confirms ID and parameters are accurate

Circle preservative/s: HCL, HNO₃, H₂SO₄, NaOH, MEQH, 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-22900
State NH
Client (Pro Mgr) Patty Brown
Customer Groveton High School (SAU58)
Address 15 Preble Street
City Groveton NH 03582
Phone 603-636-1619 Fax
Email: p-brown@sau58.org
Direct 636-1437

Results Needed by: Preferred date ASAP
Notes:
Monitoring Location identifier Sch-22900

Reporting Options
 HC
 EDD PDF
 EDD email
 PDF prelim, NO FAX
 e-mail Login Confirmation
 NO FAX
 Partial FAX
 PDF Invoice
 EQUIS
 PO# Credit App.
 Quote#:
 Temp 17°C
 Ice Y N
 Samples Collected by: LISA GRUBBS
 Relinquished by: [Signature] Date/Time 11-27-18 @ 9:00AM
 Relinquished by: [Signature] Date/Time 11/27/18 14:58
 Received by: [Signature]

QC deliverables
 A A+ B B+ C MA MCP
 Eastern Analytical, Inc. www.easternanalytical.com | 800.287.0525 | customer.service@easternanalytical.com