

Pace Analytical Services, LLC-Fairfield
1275 Bloomfield Ave, Ste 37D, Fairfield, NJ 07004
(P) (973) 227-0422 - www.pacelabs.com

CERTIFICATE OF ANALYSIS

Laura Tallia
West Milford BOE
46 Highlander Drive
West Milford, NJ 07480

Project Name and Number: **Apshawa - DOE Lead 1st Draw + Flush / Apshawa Elementary School**
Workorder: **25F2188**
Purchase Order:

July 09, 2025

This report relates only to the sample(s) as received by the laboratory on June 18, 2025. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Caution is advised for the utilization of preliminary data included in reports labeled as "Preliminary Report" and should not be used for regulatory purposes. A laboratory signature is provided on final reports only.

If you have any questions in reference to this laboratory report, please contact your Pace Analytical Services, LLC-Fairfield project coordinator.

Note: This cover page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Victor G. Cervantes, Project Manager

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Lab ID: 25F2188-01

Matrix: Drinking Water

Date Collected: 06/17/2025 05:56

Sample ID: Field Blank

Date Received: 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492	0.00200	EPA 200.8	07/08/2025 08:05	07/08/2025 08:05	1

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Lab ID: 25F2188-02 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:15
Sample ID: Front Hallway Bottle Fill (1) **Date Received:** 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492	0.00200	EPA 200.8	07/08/2025 05:06	07/08/2025 05:06	1

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Lab ID: 25F2188-03
Sample ID: Faculty Room Sink (2)

Matrix: Drinking Water

Date Collected: 06/17/2025 05:37
Date Received: 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492	0.00200	EPA 200.8	07/08/2025 08:10	07/08/2025 08:10	1

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Lab ID: 25F2188-04 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:44
Sample ID: Nurse Office Sink (3) **Date Received:** 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492	0.00200	EPA 200.8	07/08/2025 08:16	07/08/2025 08:16	1

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Lab ID: 25F2188-05 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:48
Sample ID: Nurse Bathroom Sink (4) **Date Received:** 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492	0.00200	EPA 200.8	07/08/2025 08:21	07/08/2025 08:21	1

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Lab ID: 25F2188-06 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:55
Sample ID: Kitchen 3 Bay Right Sink (5) **Date Received:** 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	0.00459		mg/L	0.000492	0.00200	EPA 200.8	07/08/2025 08:26	07/08/2025 08:26	1

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Lab ID: 25F2188-07 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:59
Sample ID: Kitchen 3 Bay Left Sink (6) **Date Received:** 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492	0.00200	EPA 200.8	07/08/2025 08:32	07/08/2025 08:32	1

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Lab ID: 25F2188-08 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 06:02
Sample ID: Kitchen Pot Filler Sink (7) **Date Received:** 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492	0.00200	EPA 200.8	07/08/2025 08:37	07/08/2025 08:37	1

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Lab ID: 25F2188-09 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 06:08
Sample ID: Room 4 Fountain (9) **Date Received:** 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	0.00413		mg/L	0.000492	0.00200	EPA 200.8	07/08/2025 08:42	07/08/2025 08:42	1

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Lab ID: 25F2188-10
Sample ID: Room 3 Fountain (10)

Matrix: Drinking Water

Date Collected: 06/17/2025 06:12
Date Received: 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492	0.00200	EPA 200.8	07/09/2025 00:07	07/09/2025 00:07	1

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Lab ID: 25F2188-11 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 06:17
Sample ID: Back Hallway Bottle Fill (11) **Date Received:** 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492	0.00200	EPA 200.8	07/09/2025 00:12	07/09/2025 00:12	1

Pace Analytical Services, LLC-Fairfield
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Qualifiers

U Compound not detected

Abbreviations

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Reporting Detection Limit (RDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
<	Less than reporting limit
≤	Less than or equal to reporting limit
>	Greater than reporting limit
≥	Greater than or equal to reporting limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
MCL/AL	Maximum Contaminant Level/Action Level
mg/kg wet	Results reported as wet weight
TTLC	Total Threshold Limit Concentration
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leachate Procedure

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Laboratory Certification List for this report.

Laboratory	Certification				
	NJ	NY	PA	CT	
Pace Analytical Services, LLC Ewing 812 Silvia Street Ewing, NJ 08628	11005	12046	68-05417		
Pace Analytical Services, LLC-Fairfield 1275 Bloomfield Ave, Ste 37D Fairfield, NJ 07004	07010	11634	68-02903		



Pace Analytical Services, LLC Fairfield NJ
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CHAIN OF CUSTODY



25F2188

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West Milford BOE
Apshawa - DOE Lead 1st Draw + Flush / Ar

Client: West Milford BOE

46 Highlander Drive West Milford, NJ 07480

Project: Apshawa Elementary School: Apshawa - DOE Lead 1st Draw + Flush

Project Mgr: Laura Tallia

(p) 973-697-1700, (c)

Project #: Apshawa Elementary School

PO #:

Comments: **Flush samples must be ran for 30 seconds prior to collection**

140 Highcrest Driver, West Milford

Turn Around Time

☐ Standard 2 Weeks

Rush (Choose One Below) **

☐ 24 Hr. ☐ 72 Hr.

☐ 48 Hr. ☐ 1 Week

☐ Other (provide Date/Time)

Date: _____ Time: _____

** May Need Lab Approval

Report / Electronic Format

☐ Results Only/Lvl 2

☐ NJ DEP Reduced

☐ NJ DEP Full

☐ State Forms/E2

☐ Email Delivery

☐ Hazsite EDD

☐ EQuIS EDD

☐ Excel

PWSID # _____ SRP # _____

Lab ID	Sample Source: Field ID	Sampled		SampleType	Matrix	Analysis Requested		
		Date	Time			Field Analysis	Time	Measurement
	Field Blank	6/17/25	5:30	Grab	DW	ICP-MS Lead		
						Container	Qty	1
						250mL Plastic HNO3	1	
	Front Hallway Bottle Fill (1)	6/17/25	5:35	Grab	DW	ICP-MS Lead		
						Container	Qty	1
						250mL Plastic HNO3	1	
	Faculty Room Sink (2)	6/17/25	5:37	Grab	DW	ICP-MS Lead		
						Container	Qty	1
						250mL Plastic HNO3	1	
	Nurse Office Sink (3)	6/17/25	5:41	Grab	DW	ICP-MS Lead		
						Container	Qty	1
						250mL Plastic HNO3	1	

Released By Scott Hart

Date / Time 6/18/25 195

Received By Don D Pace

Date / Time 6/18/25 1350

Released By Don D Pace

Date / Time 6/18/25 1520

Received By P. Decker

Date / Time 6/19/25 14:54 3.3

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CHAIN OF CUSTODY

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Lab ID	Sample Source: Field ID	Sampled		SampleType	Matrix	Analysis Requested	Field Analysis		
		Date	Time					Time	Measurement
	Nurse Bathroom Sink (4)	6/17	5:48	Grab	DW	ICP-MS Lead			
							Container	Qty	1
							250mL Plastic HNO3	1	
	Kitchen 3 Bay Right Sink (5)	6/17	5:55	Grab	DW	ICP-MS Lead			
							Container	Qty	1
							250mL Plastic HNO3	1	
	Kitchen 3 Bay Left Sink (6)	6/17	5:59	Grab	DW	ICP-MS Lead			
							Container	Qty	1
							250mL Plastic HNO3	1	
	Kitchen Pot Filler Sink (7)	6/17	6:02	Grab	DW	ICP-MS Lead			
							Container	Qty	1
							250mL Plastic HNO3	1	
	Room 4 Fountain (9)	6/17	6:08	Grab	DW	ICP-MS Lead			
							Container	Qty	1
							250mL Plastic HNO3	1	
	Room 3 Fountain (10)	6/17	6:12	Grab	DW	ICP-MS Lead			
							Container	Qty	1
							250mL Plastic HNO3	1	

Released By

Scott Haw

Date / Time

6/18 195

Received By

Don D Pace

Date / Time

6/18/25 1352

Released By

Don D Pace

Date / Time

6/18/25 1520

Received By

P. D. Pace

Date / Time

6/19/25 14:54 3.3

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CHAIN OF CUSTODY

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Lab ID	Sample Source:	Sampled		SampleType	Matrix	Analysis Requested								
	Field ID	Date	Time			Field Analysis	Time	Measurement						
	Back Hallway Bottle Fill (11)	6/17	6:17	Grab	DW	ICP-MS Lead								
						<table><tr><th>Container</th><th>Qty</th><th></th></tr><tr><td>250mL Plastic HNO3</td><td>1</td><td>1</td></tr></table>			Container	Qty		250mL Plastic HNO3	1	1
Container	Qty													
250mL Plastic HNO3	1	1												
	Front Hallway Bottle Fill - FLUSH	6/17	6:37	Grab	DW	ICP-MS Lead								
						<table><tr><th>Container</th><th>Qty</th><th></th></tr><tr><td>250mL Plastic HNO3</td><td>1</td><td>1</td></tr></table>			Container	Qty		250mL Plastic HNO3	1	1
Container	Qty													
250mL Plastic HNO3	1	1												
	Faculty Room Sink - FLUSH	6/17	5:37	Grab	DW	ICP-MS Lead								
						<table><tr><th>Container</th><th>Qty</th><th></th></tr><tr><td>250mL Plastic HNO3</td><td>1</td><td>1</td></tr></table>			Container	Qty		250mL Plastic HNO3	1	1
Container	Qty													
250mL Plastic HNO3	1	1												
	Nurse Office Sink - FLUSH	6/17	5:44	Grab	DW	ICP-MS Lead								
						<table><tr><th>Container</th><th>Qty</th><th></th></tr><tr><td>250mL Plastic HNO3</td><td>1</td><td>1</td></tr></table>			Container	Qty		250mL Plastic HNO3	1	1
Container	Qty													
250mL Plastic HNO3	1	1												
	Nurse Bathroom Sink - FLUSH	6/17	5:48	Grab	DW	ICP-MS Lead								
						<table><tr><th>Container</th><th>Qty</th><th></th></tr><tr><td>250mL Plastic HNO3</td><td>1</td><td>1</td></tr></table>			Container	Qty		250mL Plastic HNO3	1	1
Container	Qty													
250mL Plastic HNO3	1	1												
	Kitchen 3 Bay Right Sink - FLUSH	6/17	5:55	Grab	DW	ICP-MS Lead								
						<table><tr><th>Container</th><th>Qty</th><th></th></tr><tr><td>250mL Plastic HNO3</td><td>1</td><td>1</td></tr></table>			Container	Qty		250mL Plastic HNO3	1	1
Container	Qty													
250mL Plastic HNO3	1	1												

Released By

[Signature]

Date / Time

6/18/19

Received By

[Signature] Don D Pace

Date / Time

6/18/25 1350

Released By

[Signature] Don D Pace

Date / Time

6/18/25 1520

Received By

[Signature] P. D. Pace

Date / Time

6/19/25

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CHAIN OF CUSTODY

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Lab ID	Sample Source: Field ID	Sampled		SampleType	Matrix	Analysis Requested	Field Analysis		
		Date	Time					Time	Measurement
	Kitchen 3 Bay Left - FLUSH	6/17	559	Grab	DW	ICP-MS Lead			
							Container	Qty	1
							250mL Plastic HNO3	1	
	Kitchen Pot Filler Sink - FLUSH	6/17	602	Grab	DW	ICP-MS Lead			
							Container	Qty	1
							250mL Plastic HNO3	1	
	Room 4 Fountain - FLUSH	6/17	608	Grab	DW	ICP-MS Lead			
							Container	Qty	1
							250mL Plastic HNO3	1	
	Room 3 Fountain - FLUSH	6/17	612	Grab	DW	ICP-MS Lead			
							Container	Qty	1
							250mL Plastic HNO3	1	
	Back Hallway Bottle Fill - FLUSH	6/17	642	Grab	DW	ICP-MS Lead			
							Container	Qty	1
							250mL Plastic HNO3	1	

Released By

[Signature]

Date / Time

6/16 195

Received By

[Signature] Don D Pace

Date / Time

6/18/25 1350

Released By

[Signature] Don D Pace

Date / Time

6/18/25 1520

Received By

[Signature] P. DeAngelis

Date / Time

6/19/25 14:54 3.3

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Pace® Analytical Laboratory
1275 Bloomfield Ave., Bldg. 6, Fairfield, New Jersey
973.227.0422 | pacelabs.com
07004

Instructions for Drinking Water Lead and Copper Testing

Dear Water Customer:

Thank you for contacting us regarding Lead and/or Copper testing for your water. In order to sample your system for lead and/or copper contamination, we need to have you collect water samples drawn first thing in the morning, before any general water use in the water system. We appreciate your cooperation in this. A pickup date for the sample along with the bottom of this sheet should be arranged at the time of instruction and bottle drop off.

With this sheet, bottles were dropped off for sampling use. Please read the following instructions carefully. A sample is to be collected after an extended period of time (6-12 hours) with no water use during this time period within the interior piping.

The following is the proper sampling protocol:

1. Wait a minimum of eight (8) hours, but not more than eighteen (18) hours with no water being used during this time. (Example: Go to bed at 11 p.m., wake up at 7 a.m. and collect before any water usage).
2. You have been provided a one (1) liter bottle specially prepared for this analysis by PACE, use this bottle only for this purpose. DO NOT RINSE BOTTLE!
3. A kitchen or bathroom COLD water faucet is to be used for sampling. Place the bottle under the tap and slowly fill the bottle to the shoulder and turn water off.
4. Tightly cap the bottle and fill out the label to the best of your ability. In addition, please fill out the information provided below.
5. Leave the bottle outside on the arranged date for pick up to be brought back to the Laboratory for analysis.
6. Mark each bottle with the sample location, date and time of sampling.

THANK YOU FOR YOUR COOPERATION!

Water was last used _____ Time: 3pm _____ Date: 6/16 _____

I have read the above directions and have taken a sample in accordance with this sample protocol:

Signature: Scott M. Hart _____ Phone# 973 800 8442
Name: Scott Hart _____
Address: 140 High Crest Dr West Milford NJ 07480 _____

Sample Condition Upon Receipt Form (SCUR)



Affix Sample L 25F2188

Date and Initials of person:
Examining contents: _____
Label: _____
Deliver to location: _____
pH: _____

Thermometer Used: 71TR05 Date: 6/29/25 Time: 14:57 Initials: PAD
State of Origin: NJ
Cooler #1 Temp: °C 3.3 (Visual) 0 (Correction Factor) 3.3 (Actual)
Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other _____
Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground
☐ Other _____

Tracking # _____

Custody Seal on Cooler/Box Present: ☐ Yes ☐ No Seals intact: ☐ Yes ☐ No Ice: ☒ We ☐ Blue ☐ Melted ☐ None
Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____
Samples were collected by Pace employee ☒ Yes ☐ No ☐ N/A

	Yes	No	N/A	Comments:
Chain of Custody Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Chain of Custody Filled Out	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Relinquished Signature on COC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sampler Name and Signature on COC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rush TAT requested on COC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sufficient Volume	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Correct Containers Used	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Containers Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All containers needing acid/base preservation have been checked.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Exceptions: Vials, Microbiology, O&G, Metals				
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Trip Blank Present:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Login Comments:

Client notification/ Resolution
Person Contacted: _____ Date/Time: _____
Comments/Resolution: _____