



CERTIFICATE OF ANALYSIS

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

Project Name and Number: UGL - DOE Lead 1st Draw + Flush / Upper Greenwood Lake School

Workorder: 25F2118

Purchase Order:

July 14, 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





Lab ID:25F2118-01Matrix: Drinking WaterDate Collected:06/17/2025 05:43

Sample ID: Field Blank Date Received: 06/18/2025 15:20

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 06:04	07/08/2025 06:04	1





Lab ID: 25F2118-02 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:48

Sample ID: Faculty Room Sink (1) Date Received: 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte Results Flag Units MDL **RDL** Method **Dilution Prepared** Analyzed EPA 200.8 07/08/2025 06:09 07/08/2025 06:09 mg/L 0.000492 0.00200 1 Lead 0.00380





Lab ID: 25F2118-03 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:49

Sample ID: Front Hallway Bottle Fill (2) Date Received: 06/18/2025 15:20

Analyte	Results	Flag	Units	MDL R	RDL Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492 0.0	00200 EPA 200.8	07/08/2025 06:14	07/08/2025 06:14	1





Lab ID: 25F2118-04 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:54

Sample ID: Room 4 Fountain (3) Date Received: 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte Results Flag Units MDL **RDL** Method **Dilution Prepared** Analyzed EPA 200.8 07/08/2025 06:19 07/08/2025 06:19 mg/L 0.000492 0.00200 1 Lead 0.00586





Lab ID: 25F2118-05 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:55

Sample ID: Room 2 Fountain (4) Date Received: 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte Results Flag Units MDL **RDL** Method **Dilution Prepared** Analyzed EPA 200.8 07/08/2025 06:25 07/08/2025 06:25 mg/L 0.000492 0.00200 1 Lead 0.00959





Lab ID: 25F2118-06 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:59

Sample ID: Nurses Office Sink (5) Date Received: 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte Results Flag Units MDL **RDL** Method **Prepared Dilution** Analyzed EPA 200.8 07/14/2025 12:32 mg/L 0.000492 0.00200 07/14/2025 12:32 1 Lead 0.00395





Lab ID: 25F2118-07 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 06:01

Sample ID: Kitchen Island Sink (6) Date Received: 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte Results Flag Units MDL **RDL** Method **Dilution Prepared** Analyzed EPA 200.8 07/08/2025 06:35 07/08/2025 06:35 mg/L 0.000492 0.00200 1 Lead 0.0109





Lab ID: 25F2118-08 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 06:02

Sample ID: Kitchen 3 Bay Left Sink (7) Date Received: 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte Results Flag Units MDL **RDL** Method **Dilution Prepared** Analyzed EPA 200.8 07/08/2025 06:51 07/08/2025 06:51 mg/L 0.000492 0.00200 1 Lead 0.0135





Lab ID: 25F2118-09 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 06:04

Sample ID: Kitchen 3 Bay Right Sink (8) Date Received: 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte Results Flag Units MDL **RDL** Method **Dilution Prepared** Analyzed EPA 200.8 07/08/2025 06:56 07/08/2025 06:56 mg/L 0.000492 0.00200 1 Lead 0.0429





Lab ID: 25F2118-10 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 06:06

Sample ID: Back Hallway Bottle Fill (9) Date Received: 06/18/2025 15:20

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 07:02	07/08/2025 07:02	1





Lab ID: 25F2118-17 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 06:40

Sample ID: Kitchen 3 Bay Left Sink - FLUSH Date Received: 06/18/2025 15:20

Analyte	Results	Flag	Units	MDL R	RDL M	lethod	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492 0.0	.00200 EP	PA 200.8	07/11/2025 08:36	07/11/2025 08:36	1





Lab ID: 25F2118-18 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 06:42

Sample ID: Kitchen Bay Right Sink - FLUSH Date Received: 06/18/2025 15:20

Analyte	Results	Flag	Units	MDL	RDL	Method	Prepared	Analyzed	Dilution
Lead	ND	U	ma/L	0.000492	0.00200	EPA 200.8	07/11/2025 08:41	07/11/2025 08:41	1





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
<u><</u>	Less than or equal to reporting limit
>	Greater than reporting limit
<u>></u>	Greater than or equal to reporting limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
MCL/AL	Maxium 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





Laboratory Certification List for this report.

Certification

Laboratory	NJ	NY	PA	СТ	
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		

CHAIN OF CUSTODY

25F2118

Pace Analytical Services, LLC Fairfield NJ 1275 Bloomfield Avenue, Fairfield, NJ 07004 (973) 227-0422

West Milford BOE UGL - DOE Lead 1st Draw + Flush / Upper

Client:	West Milford BOE								CONTRACTOR OF THE PARTY OF THE
	46 Highlander Drive West Mil-	ford, NJ 07480			urn Around Time	Rep	ort / Electronic	Format	
Project:	Upper Greenwood Lake Schoo	l: UGL - DOE Lead 1st Draw	+ Flush	S	tandard 2 Weeks	Resu	ilts Only/Lvl 2	Email	Delivery
Project Mgr: Project #:		(p) 973-697-1700, (c) PO #:		24 48 Ot Date:_	(Choose One Below) ** Hr. 72 Hr. Hr. 1 Week her (provide Date/Time) Time: ay Need Lab Approval	D IN D	EP Reduced EP Full tate Forms/E2 1615312	Hazsit EQuIS Excel	e EDD
Lab ID	Sample Source:	Sampled							
	Field ID	Date Time	SampleType	Matrix	Analysis Requeste				
	Field Blank	6:17 5:43	Field Blank	DW	ICP-MS Lead	d Analysis	lime N	leasurement	
						Con	itainer	017	1
ТР	P001001					250mL Plastic HNO3		1	
		6:17 548							
	Faculty Room Sink (1)	6117 548	Grab	DW	ICP-MS Lead				
						A STATE OF THE PROPERTY OF THE	Gainer	QV	1
TF	2001001					250mL Plastic HNO3		1	
	Front Hallway Bottle Fill (2)	617 549	Grab	DW	ICP-MS Lead	***		**	
	(=)						ialitie:		
						250mL Plastic HNO3		(9) a) 1	1
TP	2001001					PAGE 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	HARDONIA BOYS, THE STORY		
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Released By	orard Duardue	Date/Time 4/17	7:15 R	eceived By	l ans	S Rue I	Date / Time 6/	18/25 1	15
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					P. Destquino	L	Pate / Time 6191	25 8	25 5.1
								Pa	ge 1 of 5

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Lab ID	Sample Source: Field ID	Sampled Date Time	SampleType	Matrix	Analysis Requester			
	Room 4 Fountain (3)	617 554	Grab	DW	ICP-MS Lead	ld Analysis Time	Measurement	
TP001001						Container 250mL Plastic HNO3	Qty	1
	Room 2 Fountain (4)	6/17 5:55	Grab	DW	ICP-MS Lead		·	
TP001001						Container 250mL Plastic HNO3	0.v/ 1	1
17001001	Nurse Office Sink (5)	6/17 559	Grab	DW	ICP-MS Lead			
T0001001						Container 250mL Plastic HN03	Q-57 1	1
TP001001	Kitchen Island Sink (6)	6/17 601	Grab	DW	ICP-MS Lead			
77004004						Container 250mL Plastic HN03	0.7 1	1
TP001001	Kitchen 3 Bay Left Sink (7	6/17 602	Grab	51//				
	Authen 5 bay Lett Sink (7	1 J 1 90 A	Grap	DW	ICP-MS Lead	Container		
TP001001	u					250mL Plastic HND3	Qty 1	1

Released By Long Date / Time 6/19 7:15 Received By Down Dece Date / Time 6/18/25 1115

Released By Long Date / Time 6/18/25 1520 Received By Poly Date / Time 6/18/25 8:35 5.1

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CHAIN OF CUSTODY

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Pace Analytical Services, LLC Fairfield NJ
1275 Bloomfield Avenue, Fairfield, NJ 07004 (973) 227-0422

Lab ID	Sample Source: Sampl Field ID Date 7		e Matrix	Analysis Reque	sted Field Analysis Time Measurement
	Kitchen 3 Bay Right Sink (8)	ζ ' Grab	DW	ICP-MS Lead	A CANCIL CLESSES SERVICES UNICAS SERVICES UNICAS UN
TP001001	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Container Oty 1 250mL Plastic HNO3 1
	Back Hallway Bottle Fill 6/17	Gio Grab	DW	ICP-MS Lead	
TP001001					Container Oty 1 250mL Plastic HNO3 1
	Faculty Room Sink - 6/17 6	il Grab	DW	ICP-MS Lead	
TP001001					Container Qty 1 250mL Plastic HNO3
	Front Hallway Bottle Fill - 6/17 6	:27 Grab	DW	ICP-MS Lead	
TP001001					Container 1 250mL Piastic HN03 1
	Room 4 Fountain - FLUSH 6/17 6	:29 Grab	DW	ICP-MS Lead	
TP001001					Container Qty 1 250mL Plastic HNO3 1
Released By Zeoru	L Brandveci Date/I	ime 6/17 17:15	Received By	(رايدام	Pace Date / Time 6/18/25 1115
Released By	Date/I	ime 6(18/15 /716	Received By	P. Dedg	Date / Time 6/19/35 8:35 5. Page 3 of 5

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CHAIN OF CUSTODY

Pace

Pace Analytical Services, LLC Fairfield NJ 1275 Bloomfield Avenue, Fairfield, NJ 07004 (973) 227-0422

Lab ID	Sample Source: Field ID	Sampled Date Time	SampleType	Matrix	Analysis Requested Field Analysis Time Measurement
	Room 2 Fountain - FLUSH	6/17 6:31	Grab	DW	ICP-MS Lead
77007.004					Container Qty 1 250mL Plastic HN03 1
TP001001		111-111-11		4	
	Nurses Office Sink - FLUSH	6/17 6:35	Grab	DW	ICP-MS Lead
					Container Qty 1 250mL Plastic HNO3 1
TP001001					
	Kitchen Island Sink - FLUSH	6/17 6:38	Grab	DW	ICP-MS Lead
					Gontainer Qty 1 250mL Plastic HN03 1
TP001001		,			
	Kitchen 3 Bay Left Sink - FLUSH	6/17 640	Grab	DW	ICP-MS Lead
					Container Oty 1 250mL Plastic HN03 1
TP001001					
	Kitchen 3 Bay Right Sink - FLUSH	6/17 642	Grab	DW	ICP-MS Lead
					Container Oty 1 250mL Plastic HNO3 1
TP001001	- WI-				
Released By	Kvarlier"	Date / Time 6/17	7:15	Received By	y I Date / Time 6/18/15 IIIS
Released By	1 Knowlers' D Pace	Date / Time	1/25/15291	Received By	y P.D.4, Date / Time 6/9/25 8:25
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CHAIN OF CUSTODY

Pace Analytical Services, LLC Fairfield NJ 1275 Bloomfield Avenue, Fairfield, NJ 07004 (973) 227-0422

Sample Source: Sampled Lab ID SampleType Matrix **Analysis Requested** Field ID Date Time Field Analysis Time Measurement 7:01 **Back Hallway Bottle Fill** Grab DW ICP-MS Lead **FLUSH**

> Container Oty 250mL Plastic HNO3

TP001001

Released By Romand

Date / Time 6

Received By

Date / Time 6/18/25 1115

Released By

Date / Time 4

Markeceived By

Date / Time 6 19/25 8:25 5.1

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

Instructions for Drinking Water Lead and Copper Testing

Dear Water Customer:

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 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 sheet should be arranged at the time of instruction and bottle drop off.

carefully. A sample is to be collected after an extended period of time (6-12 hours) with no water With this sheet, bottles were dropped off for sampling use. Please read the following instructions 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).
 - 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!
 - 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.
- Tightly cap the bottle and fill out the label to the best of your ability. In addition, please fill out the information provided below. 4.
- Leave the bottle outside on the arranged date for pick up to be brought back to the Laboratory for analysis. 5
 - Mark each bottle with the sample location, date and time of sampling. 6.

Water was last used Time: 4:10 pm Date: 6 / 16 / 2015	I have read the above directions and have taken a sample in accordance with this sample protocol:	Name: KANNAND GUNLOUCE, Phone# 973-222-374 & Address: 25 Aster St Clenwood M.J.
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Sample Condition Upon Receipt Form (SCUR)

			ANALYTICAL	/ Face	
			ANALYTICAL SERVICES	2	
			AIIIX 0: 25F2118		
**			tere		
Ē	Deliver to	Label:	Examining	Date and	

ANALYTICAL SERVICES Affix	Affix S: 25F2118	lere	Date and Initials of person: Examining contents:
		× 5	Deliver to location:
Thermometer Used: 717805	Date: 6/09/85	75 Time: 8:44	Initials: PAP
State of Origin: NJ Cooler #1 Temp.°C S.I (Visual) O ((Correction Factor)	S.I (Actual)	Complete
Courier:	Slient □ Sta	nercia	Other
Tracking #			
Custody Seal on Cooler/Box Present: Yes	No	Seals intact: Yes No	2
Packing Material: Bubble Wrap Bubble Bags	None	Other I	bide Weited None
Samples were collected by Pace employee	727	No N/A	
Chain of Custody Present	ZYes No N/A	Comments:	
Chain of Custody Filled Out			
Relinquished Signature on COC	□ No		
COC			
ime	ØYes □ No □ N/A		
ted on COC	□Yes Ø No □ N/A		
Sufficient Volume	ZYes ONO NA		
Correct Containers Used	ØYes □ No □ N/A		
Containers Intact Sample Labels match COC (sample Inc. 8, data (since of	QYes □ No □ N/A		
9	ØYes □ No □ N/A		
	□Yes □ No 🌶 N/A	Preservation Information: Preservative:	
compliance with EPA recommendation:	□Yes □ No 🗗 N/A	Lot #/Trace #:	
Exceptions: Vials, Microbiology, O&G, Metals			
Headspace in VOA Vials? (>6mm):	□Yes □ No ZN/A		
Trip Blank Present:	□Yes □ No p\\/A		
Additional Login Comments:			
Client notification/ Resolution			
Person Contacted:		Date/Time:	
Comments/Resolution:			