



CERTIFICATE OF ANALYSIS

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

Project Name and Number: Macopin - DOE 1st Draw + Flush / Macopin Middle School

Workorder: 25F2120

Purchase Order:

July 11, 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



Sample ID:



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Lab ID: 25F2120-01 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:12

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	0.00200	EPA 200.8	07/11/2025 04:25	07/11/2025 04:25	1





Lab ID: 25F2120-02 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:16

Sample ID: Auditorium Fountain (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 U EPA 200.8 07/11/2025 03:11 mg/L 0.000492 0.00200 07/11/2025 03:11 1 Lead ND





Lab ID: 25F2120-03 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:19

Sample ID: Nurse Office Sink (2) 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 07/11/2025 04:30 mg/L 0.000492 0.00200 07/11/2025 04:30 1 Lead 0.00241





Lab ID: 25F2120-04 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:24

Sample ID: Main Entrance Hall Bottle Fill (3)

Date Received: 06/18/2025 15:20

Analyte	Results	Flag	Units	MDL RI	DL Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492 0.00	0200 EPA 200.8	07/11/2025 04:36	07/11/2025 04:36	1





Lab ID: 25F2120-05 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:25

Sample ID: Boys Locker Room 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 07/11/2025 04:41 mg/L 0.000492 0.00200 07/11/2025 04:41 1 Lead 0.00347





Lab ID: 25F2120-06 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:32

Sample ID: Faculty Room 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 07/11/2025 04:46 mg/L 0.000492 0.00200 07/11/2025 04:46 1 Lead 0.00578





Lab ID: 25F2120-07 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:35

Sample ID: Kitchen by Stove 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 07/11/2025 04:51 mg/L 0.000492 0.00200 07/11/2025 04:51 1 Lead 0.00254





Lab ID: 25F2120-08 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:38

Sample ID: Kitchen Island Sink (7) 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 07/11/2025 05:07 mg/L 0.000492 0.00200 07/11/2025 05:07 1 Lead 0.00522





Lab ID: 25F2120-09 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:40

Sample ID: Kitchen 2 Bay Sink (8) 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 07/11/2025 05:13 07/11/2025 05:13 mg/L 0.000492 0.00200 1 Lead 0.00847





Lab ID: 25F2120-10 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:43

Sample ID: Kitchen 3 Bay Right Sink (9) Date Received: 06/18/2025 15:20

Total Metals - Pace Analytical Services, LLC-Fairfield

Analyte Results Flag Units MDL **RDL** Method **Dilution Prepared** Analyzed U EPA 200.8 07/11/2025 05:18 mg/L 0.000492 0.00200 07/11/2025 05:18 1 Lead ND





Lab ID: 25F2120-11 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:44

Sample ID: Kitchen 3 Bay Left Sink (10) Date Received: 06/18/2025 15:20

Analyte	Results	Flag	Units	MDL RD	L Method	Prepared	Analyzed	Dilution
Lead	ND	U	mg/L	0.000492 0.002	200 EPA 200.8	07/11/2025 05:23	07/11/2025 05:23	1





Lab ID: 25F2120-12 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:48

Sample ID: Lobby by Room E Bottle Fill (11)

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	07/11/2025 05:29	07/11/2025 05:29	1





Lab ID: 25F2120-13 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:53

Sample ID: 100 Wing Bottle Fill (12) **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	07/11/2025 05:34	07/11/2025 05:34	1





Lab ID: 25F2120-14 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 04:59

Sample ID: 200 Wing Right Bottle Fill (13) 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 05:39	07/11/2025 05:39	1





Lab ID: 25F2120-15 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:00

Sample ID: 200 Wing Left Bottle Fill (14) 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	07/11/2025 05:44	07/11/2025 05:44	1





Lab ID: 25F2120-16 **Matrix:** Drinking Water **Date Collected:** 06/17/2025 05:03

Sample ID: 200 Wing Science Bottle Fill (15) 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	07/11/2025 05:50	07/11/2025 05:50	1



TCLP



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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
<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

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		



Pace Analytical Services, LLC Fairfield NJ 1275 Bloomfield Avenue, Fairfield. NJ 07004 (973) 227-0422 25F2120

West Milford BOE Macopin - DOE 1st Draw + Flush / Macopin Client: West Milford BOE **Turn Around Time** Report / Electronic Format 46 Highlander Drive West Milford, NJ 07480 Standard 2 Weeks Results Only/Lvl 2 **Email Delivery** Project: Macopin Middle School: Macopin - DOE 1st Draw + Flush NJ DEP Reduced Rush (Choose One Below) ** Hazsite EDD Project Mgr: Laura Tallia (p) 973-697-1700, (c) NJ DEP Full 24 Hr. **EQuIS EDD** 72 Hr. Project #: Macopin Middle School PO #: Excel 48 Hr. 1 Week State Forms/E2 Comments: **Flush samples must be ran for 30 seconds prior to collection** Other (provide Date/Time) 1615325 PWSID# SRP# Date: Time: 70 Highlander Dr, West Milford, NJ 07480 TP001001 Fac ID# ** May Need Lab Approval Lab ID Sample Source: Sampled SampleType Matrix **Analysis Requested** Field ID Date Time Field Analysis Time Measurement Field Blank 25 4:12 gm Field Blank DW ICP-MS Lead Container Qty 250mL Plastic HNO3 Auditorium Fountain (1) 25 4116am Grab DW ICP-MS Lead Container Qty 250mL Plastic HNO3 Nurse Office Sink (2) Grab DW ICP-MS Lead Container Qty 250mL Plastic HNO3 Main Entrance Hall Bottle 6/17 Grab DW **ICP-MS** Lead Fill (3) Container Qty 250mL Plastic HNO3 Released By Received By Date / Time Received By PDesser Date / Time Released By Date / Time 6/19/

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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
	Auditorium Fountain - FLUSH	6/17/25 4:174M	Grab	DW	ICP-MS Lead
	PLOSIT				Container Qty 250mL Plastic HNO3 1
	Nurse Office Sink - FLUSH	6/17/254i20m	Grab	DW	ICP-MS Lead
					Container Qty 250mL Plastic HNO3 1
	Main Entrance Hall -	6/17/25 5122am	Grab	DW	ICP-MS Lead
	FLUSH				Container Qty 250mL Plastic HNO3 1
40.	Boys Locker Room	6/17/25 4:27m	Grab	DW	ICP-MS Lead
	Fountain - FLUSH			è	Container Qty 250mL Plastic HNO3 1
	Faculty Room Sink -	6/17/254:33am	Grab	DW	ICP-MS Lead
	FLUSH				Container Qty 250mL Plastic HNO3 1
	Kitchen by Stove Sink -	6/17/25 4/13 kam	Grab	DW	ICP-MS Lead
	FLUSH				Container Qty 250mL Plastic HN03

Released By William Sheffer Date / Time | Received By Don D Pace Date / Time 6 1825 1250

Released By Don D Pace Date / Time 6/18/25 1520 Received By P. Outh Date / Time 6/19/25 9:05 6.8

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Lab ID	Sample Source: Field ID	Sampled Date Time	SampleType	Matrix	Analysis Requested Field A	ınalysis T	ime	Measurement	
	Kitchen Island Sink -	6/17/15 439am	Grab	DW	ICP-MS Lead				
	FLUSH					Con- 250mL Plastic HNO3	tainer	Qty 1	1
	Kitchen 2 Bay Sink - FLUSH	8/17/20 1/4/24M	Grab	DW	ICP-MS Lead				
						Cont 250mL Plastic HNO3	tainer	Qty 1	1
	Kitchen 3 Bay Right Sink	6/19155 4:44am	Grab	DW	ICP-MS Lead				
	FLUSH					Cont 250mL Plastic HNO3	tainer	Qty	1
	Kitchen 3 Bay Left Sink - FLUSH	6/17/25-4:45an	Grab	DW	ICP-MS Lead				
	rtusn					Cont 250mL Plastic HNO3	tainer	Qty	1
	Lobby by Room E Bottle Fill - FLUSH	6/17/25 5:37am	Grab	DW	ICP-MS Lead				
						Cont 250mL Plastic HNO3	tainer	Qty 1	1
	100 Wing Bottle Fill - FLUSH	917/15 5:54cm	Grab	DW	ICP-MS Lead				
	rtush					Cont 250mL Plastic HNO3	tainer	Qty 1	1
d By Wil	l'am shall	Date / Time		Received By	Don D Pa	ice i	Date / Time 6	18/25	12
в Ву	on D Page	Date / Time 6/18	hs/tw	Received By	P. Dady	Г	Date / Time	119125	9:05
								I	Page 5

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Lab ID	Sample Source: Field ID	Sampled Date Time	SampleType	Matrix	Analysis Requested Field Analysis Time Measurement
	200 Wing Right Bottle Fill - FLUSH	Clayiss Gilbam	Grab	DW	ICP-MS Lead
					Container Qty 1 250mL Plastic HNO3 1
	200 Wing Left Bottle Fill - FLUSH	4117155 GizTam	Grab	DW	ICP-MS Lead
					Container Qty 1 250mL Plastic HNO3 1
	200 Wing Science Bottle Fill - FLUSH	6/7/8 6:44am	Grab	DW	ICP-MS Lead
					Container Qty 1 250mL Plastic HNO3 1

Date / Time Released By Date / Time Received By Date / Time 6/19/25 9:05 60 Date / Time Ells/25 1020 Received By P. Duty Released By

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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!
 - bottle under the tap and slowly fill the bottle to the shoulder and turn water off. A kitchen or bathroom COLD water faucet is to be used for sampling. Place the
- 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.
 - Mark each bottle with the sample location, date and time of sampling

THANK YOU FOR YOUR COOPERATION!

Date: 6/14/25	I have read the above directions and have taken a sample in accordance with this sample protocol:		Phone#	NO order
Time: 10.00 pm	ections and have taken a sample		Hr.	To highland IN West Millard NO organ
Water was last used	I have read the above dire	Signature:	Name: William Sha	Address: 70 highlan

Sample Condition Upon Receipt Form (SCUR)

ANALYTICAL SERVICES Aft	Affix San 25F2120	o re	Date and Initials of person: Examining contents:
			Deliver to location: pH:
Thermometer Used: 117805	Date: 6/29/85	95 Time: 9:28	Initials: PP7
State of Origin: NJ Cooler #1 Temp.°C G -O (Visual)	(Correction Factor)		- 1
Fed Ex ☐ UPS	lient \square	Commercial Pace	☐ Other
Other	☐ Priority Overnight ☐ Standa	☐ Standard Overnight ☐ Ground	
Tracking #			
Custody Seal on Cooler/Box Present:	□ No Seals	Seals intact: Yes No	- 1
Packing Material: Bubble Wrap Bubble Bags	None	Other	
Samples were collected by Pace employee	Z/	No No	
Chain of Custody Present	TYes No N/A	Comments:	
Chain of Custody Filled Out	□ No	A	
Relinquished Signature on COC	□ No	A	
Sampler Name and Signature on COC	ØYes □ No □ N/A	A	
Samples Arrived within Hold Time	ØYes □ No □ N/A	A	
Rush TAT requested on COC	□Yes Z No □ N/A	A	
Sufficient Volume		A	
Correct Containers Used	ØYes □ No □ N/A	A	
Containers Intact Sample Labels match COC (sample Inc. 8, data (inc. and inc. and in	DYes □ No □ N/A	A	
collection)	ZÝes 🗆 No 🗆 N/A	A	
All Containers needing acid/base preservation have been checked. All Containers needing process states and formula in the containers needing process states and formula in the containers needing process states are formula in the containers needing acid/base preservation have			
compliance with EPA recommendation:	n □Yes □ No Zì N/A	Lot #/Trace #:	
Exceptions: Vials, Microbiology, O&G, Metals	/letals	Initials:	
Headspace in VOA Vials? (>6mm):	□Yes □ No ØN/A		
Trip Blank Present:	□Yes □ No p\(\text{N} \text{N} \text{A} \text{N} \text{A}		
Additional Login Comments:			
Client notification/ Resolution			
Person Contacted:		Date/Time:	
Comments/Resolution:			