ENGLWOOD ON THE PALISADES CHARTER
LEAD IN DRINKING WATER
SAMPLING REPORT

PERFORMED FOR:

ENGLEWOOD ON THE PALISADES CHARTER SCHOOL
65 WEST DEMAREST AVENUE
ENGLEWOOD, NJ 07631

PERFORMED BY:

WESTCHESTER ENVIRONMENTAL LLC
1248 WRIGHTS LANE
WEST CHESTER, PA 19380

JUNE 2025

June 5, 2025

Mr. David Block
Englewood on the Palisades Charter School
65 West Demarest Avenue
Englewood, NJ 07631

Re: LEAD IN DRINKING WATER SAMPLING REPORT-2024-2025

Dear Mr. Block:

Please find enclosed the report for the Lead in Drinking Water Sampling conducted for Englewood on the Palisades Charter School.

None of the first draw samples collected exceeded the lead action level of 15.5 microgram/liter (ug/L) or 15.5 parts per billion (ppb) .

Thank you for giving us the opportunity to be of service. Please do not hesitate to contact us at 610-431-7545 or email cpiccininni@westchesterenvironmental.com or info@westchesterenvironmental.com.

Sincerely,

Westchester Environmental, LLC

Christopher Piccininni
Environmental Specialist

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ENGLEWOOD ON THE PALISADES CHARTER SCHOOL

1.0 EXECUTIVE SUMMARY

Westchester Environmental, LLC (WCE) was contracted by Mr. David Block of Englewood on the Palisades Charter School to conduct lead in water testing for the school district for the 2024-2025 school year.

The objective of the sampling was to determine the lead in water levels in the school. The New Jersey Department of Environmental Protection's (NJDEP) establishes 15.5 ug/L as the lead action limit. During this visit, first draw and flush water samples were collected from the following school:

Englewood on the Palisades Charter School - 65 W Demarest Avenue, Englewood, NJ

The water sampling was performed on May 17, 2025 by Christopher Piccininni of WCE. The analysis of lead content was based using U.S. Environmental Protection Agency (EPA) Method 200.8 for lead in drinking water. All the first draw samples are initially analyzed, and corresponding flush samples activated for analysis only if a first draw sample exceeds the lead action limit.

None of the first draw samples collected exceeded the lead action level of 15.5 microgram/liter (ug/L) or 15.5 parts per billion (ppb) .

Immediate / Short Term Action Required:

No immediate action is required.

-END OF SECTION-

2.0 INTRODUCTION

The objective of the sampling was to determine the lead in water levels from drinking water outlets located in the school building. During this visit, first draw and flush drinking water samples were collected following a period of no water use within the building for at least eight hours.

Lead in school drinking water continues to be a serious concern, with children in many schools potentially drinking water with dangerous levels of lead. Even when water entering a facility meets all federal and state public health standards for lead concentrations, older plumbing materials found in schools can contribute to elevated lead levels in the drinking water.

The NJDEP's action level for lead in drinking water is set at 15. However, for the purposes of compliance, any concentration greater than 15 µg/L (as defined as greater than or equal to 15.5 µg/L) is considered to exceed the lead action level. If sampling exceeds the level, then the action will need to be taken.

The Environmental Protection Agency (EPA) itself states that 15 ug/L is not a health-based standard, but rather based on what is feasible for water systems to achieve. According to the EPA, given present technology and resources, this level is the lowest level to which water systems can reasonably be required to control this contaminant should it be present in drinking water.

On October 8, 2024, the EPA announced the finalization of key improvements to the Lead and Copper Rule (LCR), which introduces new regulations that will reshape how public water suppliers manage lead service lines. These changes are critical to protecting public health and will become effective in late 2027, three years after their publication.

One of the most significant changes is the reduction of the lead action level to 10 ug/L. Water systems that exceed this threshold must take immediate corrective actions, including notifying the public, implementing corrosion control treatments, and expediting lead service line replacement.

-END OF SECTION-

3.0 SAMPLING AND ANALYSES

During this sampling event one point of entry sample, one first draw sample, one flush sample and one field blank were collected.

All the collected samples were labeled with a unique identification number and transported to Suburban Laboratory for analysis of lead in drinking water using EPA Method 200.8. Suburban Testing Labs located at 1037F MacArthur Rd, Reading, PA 19605, is a NJ certified Lead in Drinking Water testing facility.

The documents listed below were referred to for sampling:

1. New Jersey Department of Education N.J.A.C. 6A:26

2. The USEPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools"

3. Guidance Document from NJDEP Division of Water Supply and Geoscience – "Lead in Drinking Water: Guidance for Schools and Child Care Facilities Served by Public Water as well as the Safe Drinking Water Act of 1974".

-END OF SECTION-

4.0 SAMPLE RESULTS

The table shows the first draw concentrations of lead (microgram per liter) at sampled locations. . No first draw sample collected exceeded the NJDEP action limit of 15.5 micrograms per liter (ug/L).

Englewood on the Palisades Charter School

	Location Code	Results (ug/L)	Action Level (ug/L)	Lead Hazard (Yes/No)
1	EP-1FL-S-POE	<1.00	15.5	No
2	EP-1FL-FP	<1.00	15.5	No
3	EP-Field Blank	<1.00	15.5	No

-END OF SECTION

5.0 DISCUSSION & RECOMMENDATIONS

Lead can enter water when plumbing materials corrode, especially if the water is acidic or has low mineral content. Lead pipes, faucets, and fixtures are the most common sources of lead in drinking water.

The Safe Drinking Water Act requires the EPA to determine the level of contaminants in drinking water at which no adverse health effects are likely to occur with an adequate margin of safety. These non-enforceable health goals, based solely on possible health risks, are called maximum contaminant level goals (MCLGs). The EPA has set the maximum contaminant level goal for lead in drinking water at zero because lead is a toxic metal that can be harmful to human health even at low exposure levels. Lead is persistent, and it can bioaccumulate in the body over time.

The lead content in the samples collected was analyzed using U.S. Environmental Protection Agency (EPA) Method 200.8 for lead in drinking water

None of the first draw samples exceeded the lead action level of 15.5 microgram/liter (ug/L) or 15.5 parts per billion (ppb).

Action Required:

1. No immediate action is required.

2. Refer to EPA's "3 T's Training, Testing, and Taking Action – for information and recommendations to prepare schools, childcare facilities, and states to build a voluntary implementation program to reduce lead levels in drinking water.

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-END OF SECTION-

6.0 DISCLAIMER

The type of samples collected for this assessment are referred to as grab samples. Grab samples are individual discrete samples collected at a specific time and location.

No guarantee or warranty of the findings and conclusions is implied within the intent of this report. It is limited to only those items listed in the report and is a snapshot of the conditions existing at the time of the assessment as conditions may vary with time.

WCE assumes no liability with regards to decisions made or the use of any information contained in this report, which is prepared exclusively for and is confidential to the above noted client. These services are designed to provide an analytical tool to assist the client, and the user(s) of this information must use their own best judgment to determine the appropriate course of action.

Westchester Environmental LLC

Christopher Piccininni
Environmental Specialist

-END OF REPORT-

Westchester Environmental

APPENDIX I

LEAD IN DRINKING WATER SAMPLING
CHAINS-OF-CUSTODY & LAB REPORTS

Amended Results Report

Order ID: 5E06218

Westchester Environmental
1248 Wrights Lane
West Chester, PA 19380

Project: Engelwood on the Palisades Charter School
65 W Demarest Ave
Engelwood, NJ 07631

Attn: Christopher Piccininni

Regulatory ID:

Sample Number: 5E06218-01 Site: EP-1FL-S-POE Sample ID: First 001
Collector: CMP Collect Date: 05/17/2025 8:50 am Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
Metals										
Lead	< 1.00	µg/L	EPA 200.8	1.00		1	05/29/25	JJA	06/03/25 12:56	RPV

Sample Number: 5E06218-02 Site: EP-1FL-FP Sample ID: First 002
Collector: CMP Collect Date: 05/17/2025 8:55 am Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
Metals										
Lead	< 1.00	µg/L	EPA 200.8	1.00		1	05/29/25	JJA	06/03/25 13:01	RPV

Sample Number: 5E06218-03 Site: EP-Field Blank Sample ID: First 003
Collector: CMP Collect Date: 05/17/2025 8:57 am Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
Metals										
Lead	< 1.00	µg/L	EPA 200.8	1.00		1	05/29/25	JJA	06/03/25 13:06	RPV

Sample Receipt Conditions:

All samples met the sample receipt requirements for the relevant analyses.

** This report has been Amended (Rev1) and replaces all previous reports for this order ID **

Laboratory Accreditations:

Suburban Testing Labs - Reading

Regulatory Authority	Program	Certification ID	Expires
US EPA	Federal	PA00072	N/A
New Jersey DEP	NELAP	PA081	06/30/2025
Pennsylvania DEP	NELAP	06-00208	09/30/2025
Texas CEQ	NELAP	T10474585	03/31/2026
Delaware ODW	State	N/A	09/30/2025
Maryland DE	State	347	12/31/2025

Report Generated On: 06/06/2025 12:21 pm 5E06218
STL_Results Revision #4.0 Effective: 05/12/2025

SUBURBAN TESTING LABS

All analyses were performed at Suburban Testing Labs - Reading unless otherwise noted.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

**pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's NELAP Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL 0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:
Jessica Mattera
Client Services Representative II

SUBURBAN TESTING LABS
1037F MacArthur Road, Reading, PA 19605 Phone: 610-375-TEST Fax: 610-375-4090 suburbantestinglabs.com

5E06218
Lauren Ulle

COC Pg 1

Chain of Custody Record

TAT (Check One) Standard 24hr 48hr 72hr Other

1037F MacArthur Road, Reading, PA 19605
10-375-TEST – Fax: 610-375-4090 – suburban testinglabs.com

Client Name:	Westchester Environmental LLC.			Project Name:	Englewood on the Palisades Charter School
Address:	1248 Wrights Lane	Phone:	610-431-7545	Address:	Englewood on the Palisades Charter School
	West Chester, PA 19380	Email:	cpiccininni@westchesterenvironmental.com		65 W Demarest Ave, Englewood, NJ 07631
Contact Name:	Chris Piccininni			Payment / P.O. Info:	

Comments:

Flush / First Draw	Location Code	Date Sampled	Time Sampled	Samplers Initials	Westchester Field Sample #	Tests Requested	Bottle Quantity	Matrix	Sample Types	Bottle Type	Preservative	Sample Description / Site ID
Flush	EP-1FL-S-POE	05/20/25	08:50 AM	CMP	001	Pb EPA 200.8	1	PW	G	P	H	1st Floor Kitchen-S-Left
First	EP-1FL-FP	05/20/25	08:55 AM	CMP	002	Pb EPA 200.8	1	PW	G	P	H	1st Floor Kitchen-FP-Right
First	EP-Field Blank	05/20/25	08:57 AM	CMP	003	Pb EPA 200.8	1	PW	G	P	H	Field Blank
First												
First												
First												
First						*sample pickup, standard						X
First												
First												
First												

Relinquished by: (3) Date: 5/20/25 Time: 10:00AM

Received By: (3) Date: 5/21/25 Time: 1157 Temp °C: none Acceptable Y / N

Relinquished by: (3) Date: 5/21/25 Time: 1532 Temp °C: ice Acceptable Y / N

Received in Lab By: RFS (3) Date: 5.21.25 Time: 1602 Temp °C: 3.4 Acceptable Y / N

Sample Conditions		Matrix Key	Bottle Type Key
Submitted w/ COC	Y / N	NPW = Non-Potable Water	P = Plastic
		Solid = Raw Sludge, Dewatered Sludge,soil, etc. (reported as mg/l)	G = Glass
number of containers match number on COC ?	Y / N	PW = Potable Water (not for SWDA compliance)	O= Other
		SWDA = Safe Drinking Water Act Potable Sample	Preservative Key
All containers intact	Y / N	Sample Type Key: G = Grab; 8 HC = 8 Hour Composite; 24 HC = 24 Hour Composite	SWDA Sample Type: D = Disrtibution; E = Entry Point; R = Raw; C = Check; S = Special; M = Maximum Residence
Tests within holding times	Y / N		H = Sodium Thiosulphate; A = Ascorbic Acid; H = HNO3; C = HCl; S = H_2SO_4; OH = NaOH; O = Other; NA = None Required
40 ml. VOA vials free of headspace ?	Y / N		

(3) 250ml p + HNO3 pH<2

RFS 5.21.25

Need Date Revision on 5E06218

Reply

JL

Jennifer Luttrell <Jluttrell@westchesterenvironmental.com>
To Lauren Ulle
Cc Christopher Piccinnini

You replied to this message on 6/6/2025 12:06 PM.

Good morning, Lauren.

The collection date on order # 5E06218 is incorrect. It should be 05/17/25, not 05/20/25.

Can you please make the correct and resend us the results with the correct date of 05/17/25?

We apologize for the mistake. Thank you for your assistance!

Jennifer Luttrell
Westchester Environmental, LLC
1248 Wrights Lane
West Chester, PA 19380
(610-431-7545 - office