



**ENGLWOOD ON THE PALISADES CHARTER
LEAD IN DRINKING WATER
FIRST & FLUSH DRAW 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 2022



June 30, 2022

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

Re: FIRST DRAW LEAD IN DRINKING WATER REPORT

Dear Mr. Block;

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

If you have any questions, please don't hesitate to contact me at 610-431-7545 or email me at nabraham@WestChesterEnvironmental.com.

Sincerely,

Westchester Environmental, LLC

A handwritten signature in black ink, appearing to read 'Noel Abraham', is written over a horizontal line.

Noel Abraham
Environmental Specialist



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1.0 INTRODUCTION

Westchester Environmental, LLC was contracted by Mr. David Block to conduct Drinking Water Sampling at the Englewood on the Palisades Charter School.

The purpose of the sampling was to collect first draw and flush draw drinking water samples at predetermined locations in the facility and have them analyzed for lead levels.

The water sampling was performed on March 26, 2022 by Noel Abraham of Westchester Environmental, LLC.

All samples were analyzed by Suburban Testing Labs located at 1037 MacArthur Rd, Reading, PA 19605, a New Jersey certified Lead in Drinking Water testing facility.

-END OF SECTION-



2.0 SUMMARY OF FINDINGS

First Draw samples were collected and submitted for lead analysis. Table 1 below shows the concentration of lead (parts per billion or microgram per liter) at each location sampled.

Table 1: Englewood on the Palisades Charter School

Location Code	Result (ppb)	Action Level (ppb)	Lead Hazard (Yes/No)
1 EP-Field Blank	<1.00	15.5	No
2 EP-1 FL- FP	<1.00	15.5	No
3 EP-BFI-FP-Left	7.32	15.5	No
4 EP-BFI-FP-Right	20.9	15.5	Yes

-END OF SECTION-



3.0 SAMPLING AND ANALYSES

The following guidance documents were followed for all sampling:

1. N.J.A.C. 6A:26
2. The EPA'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".

Three (3) first draw and flush draw samples were collected, including one field blank for quality control purposes. All first draw samples were analyzed. Flush samples were held by the lab pending first draw results and then activated for locations with first draw exceedances.

All samples were labeled with a unique identification number and transported to the Suburban Laboratory for analysis for lead in drinking water using EPA Method 200.8.

-END OF SECTION-

4.0 DISCUSSION & RECOMMENDATIONS

According to the US EPA, lead enters drinking water primarily through plumbing materials.

For further information on guidance protocols and Action Levels that were followed please refer to:

1. N.J.A.C. 6A:26
2. The EPA'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".

Based on laboratory analysis of the samples analyzed, one (1) first draw sample exceeded the action limit. The corresponding flush sample has been activated for analysis.

Immediate / Short Term Action Required:

1. Immediately discontinue using water at locations where the first draw sample exceeded the NJDEP 15.5 ppb Action Level. If this location is going to be remediated for future use it will need to be re-tested prior to being put in service to make sure the remedial work was successful.
2. Refer to EPA's "**for Reducing Lead in Drinking Water in Schools and Child Care Facilities**" for other short term and long term suggested remediation measures and notification procedures.

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 and are reflective of the conditions at that time of collection.

It is important to note that the Lead Hazard Assessment was a snap shot of the conditions existing at the time of the assessment and conditions may vary with time.

-END OF SECTION-



5.0 DISCLAIMER

The Lead Hazard Assessment has limitations with regards to identification of actual health and environmental issues. It is limited to only those items listed in the report and all items reflect conditions at the time of the assessment only.

Westchester Environmental LLC warrants only that the contents of this report constitute an informed discussion of the assessment at the subject property and is prepared exclusively for, and is confidential to, the above noted client. Westchester Environmental LLC assumes no liability with regards to the use of this information or decisions, which are made regarding the subject property. The user(s) of this information must use their own best judgment to determine the appropriate course of action.

Westchester Environmental LLC

Two handwritten signatures in black ink, one appearing to be 'Noel' and the other a more stylized signature.

Noel Abraham
Environmental Specialist

-END OF REPORT-

APPENDIX I

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



Results Report

Order ID: 2D01972

Westchester Environmental
1248 Wrights Lane
West Chester, PA 19380

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

Attn: Noel Abraham

Regulatory ID:

Sample Number: 2D01972-01
Collector: NPA

Site: EP-Field Blank
Collect Date: 03/26/2022 9:52 am

Sample ID:
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead < 1.00 µg/L EPA 200.8 1.00 1 04/04/22 MKR 04/07/22 13:50 MKR

Sample Number: 2D01972-02
Collector: NPA

Site: EP-1 FL- FP
Collect Date: 03/26/2022 9:53 am

Sample ID:
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead < 1.00 µg/L EPA 200.8 1.00 1 04/04/22 MKR 04/07/22 13:51 MKR

Sample Number: 2D01972-03
Collector: NPA

Site: EP-BFI-FP-Left
Collect Date: 03/26/2022 9:55 am

Sample ID:
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 7.32 µg/L EPA 200.8 1.00 1 04/04/22 MKR 04/07/22 13:56 MKR

Sample Number: 2D01972-04
Collector: NPA

Site: EP-BFI-FP-Right
Collect Date: 03/26/2022 9:56 am

Sample ID:
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Metals

Lead 20.9 µg/L EPA 200.8 1.00 1 04/04/22 MKR 04/07/22 13:58 MKR

Sample Receipt Conditions:

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

Report Generated On: 04/08/2022 2:48 pm
STL_Results Revision #1.9

2D01972
Effective: 04/16/2020





SUBURBAN TESTING LABS

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 TNI (NELAC) 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 SL0015.

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:

Lisa F. Care
Project Manager II

Report Generated On: 04/08/2022 2:48 pm 2D01972
STL_Results Revision #1.9 Effective: 04/16/2020





2D01972
Lisa F. Care



Chain of Custody Record

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

1037F MacArthur Road, Reading, PA 19605
610-375-TEST - Fax: 610-375-4090 - suburbantestinglabs.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:	nabraham@westchesterenviromental.com		65 W Demarest Ave, Englewood, NJ 07631
Contact Name:	Noel Abraham			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
First	EP-Field Blank	03/26/22	09:52 AM	NPA	001	Pb EPA 200.8	1	PW	G	P	H	Field Blank
First	EP-1FI-FP	03/26/22	09:53 AM	NPA	002	Pb EPA 200.8	1	PW	G	P	H	1st Floor Kitchen Prep Sink
First	EP-BFI-FP-Left	03/26/22	09:55 AM	NPA	003	Pb EPA 200.8	1	PW	G	P	H	Basement Kitchen Prep Sink
First	EP-BFI-FP-Right	03/26/22	09:56 AM	NPA	004	Pb EPA 200.8	1	PW	G	P	H	Basement Kitchen Prep Sink
First	(4) 250 mL P HNO ₃ - pH < 2 CMV 4/1/22											
First												
First												
First												
First												

Relinquished by:

Date: 3/30/22

Time: 10:45

Received By:

Date: 4/1/22

Time: 09:42

Temp °C: 18.5°C

Acceptable Y/N

Relinquished by:

Date: 4/1/22

Time: 11:33

Temp °C: 18.3°C

Acceptable Y/N

Received in Lab By:

Date: 4/1/22

Time: 11:33

Temp °C: 18.3°C

Acceptable Y/N

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ CDC <input checked="" type="checkbox"/> Y/N	NPW = Non-Potable Water	P = Plastic
Number of containers match number on CDC? <input checked="" type="checkbox"/> Y/N	Solid = Raw Sludge, Dewatered Sludge, soil, etc. (reported as mg/l)	G = Glass
All containers intact <input checked="" type="checkbox"/> Y/N	PW = Potable Water (not for SWDA compliance)	O = Other
Tests within holding times <input checked="" type="checkbox"/> Y/N	SWDA = Safe Drinking Water Act Potable Sample	Preservative Key
40 ml. VOA vials free of headspace? <input checked="" type="checkbox"/> Y/N	Sample Type Key	H = Sodium Thiosulphate
	G = Grab	Acid
	8 HC = 8 Hour	A = Ascorbic Acid
	Composite	H = HNO ₃
	24 HC = 24 Hour Composite	C = HCl
		S =
		H ₂ SO ₄
		O = Other
		OH = NaOH
		None Required
		NA =

X Standard Sample Pick-up Aqua Str 4/1/22