ACADEMY CHARTER HIGH SCHOOL
LEAD IN DRINKING WATER
FIRST DRAW SAMPLING REPORT

PERFORMED FOR:

ACADEMY CHARTER HIGH SCHOOL
1725 MAIN STREET
BELMAR, NJ 07719

PERFORMED BY:

WESTCHESTER ENVIRONMENTAL LLC
1248 WRIGHTS LANE
WEST CHESTER, PA 19380

MAY 2022

1248 Wright Lane; West Chester, PA 19380 Tel: (610) 431-7545 Fax: (610) 431-7545
www.westchesterEnvironmental.com

Westchester Environmental

May 27, 2022

Mr. David Block
Academy Charter High School
1725 Main Street
Belmar, NJ 07719

Re: LEAD IN DRINKING WATER REPORT- FIRST ROUND SAMPLING

Dear Mr. Block;

Please find enclosed the report for the Lead in Drinking Water-First Draw Sampling conducted for Academy Charter High School.

If you have any questions, please contact me at 610-431-7545 or email me at nabraham@westchesterenvironmental.com.

Sincerely,

Westchester Environmental, LLC

Noel Abraham
Environmental Specialist

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ACADEMY CHARTER HIGH SCHOOL

1.0 INTRODUCTION

Westchester Environmental, LLC was contracted by Mr. David Block to conduct Drinking Water Sampling at the Academy Charter High 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 April 19, 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: Academy Charter High School

	Location Code	Result (ppb)	Action Level (ppb)	Lead Hazard (Yes/No)
1	ACHS-1FL-WC-O/S Cafeteria	<1.00	15.5	No
2	ACHS-1FL-WC-O/S Gym	<1.00	15.5	No
3	Field Blank	<1.00	15.5	No

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".

Two (2) first draw and flush draw samples, along with one field blank for quality control purposes, were collected. All first draw samples were analyzed. All other flush samples are held by the lab pending first draw results.

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 a laboratory analysis after the first draw samples, no analysis of flush samples is required as all samples analyzed fall below the action limit.

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.

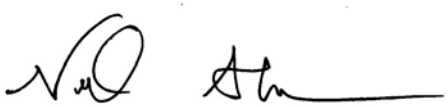
-END OF SECTION-

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



Noel Abraham
Environmental Specialist

-END OF REPORT-

Westchester Environmental

APPENDIX I

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

SUBURBAN TESTING LABS

Results Report

Order ID: 2D04962

Westchester Environmental
1248 Wrights Lane
West Chester, PA 19380

Project: Academy Charter HS
1725 Main St
Lake Como, NJ 07719

Attn: Noel Abraham

Regulatory ID:

Sample Number: 2D04962-01 Site: ACHS-1FL-WC-O/S Cafeteria Sample ID: O/S Cafeteria
Collector: NPA Collect Date: 04/19/2022 9:15 am Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
Metals									
Lead	< 1.00	µg/L	EPA 200.8	1.00	1	05/04/22	MKS	05/04/22 13:40	MKS

Sample Number: 2D04962-02 Site: ACHS-1FL-WC-O/S Gym Sample ID: O/S Gym
Collector: NPA Collect Date: 04/19/2022 9:17 am Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
Metals									
Lead	< 1.00	µg/L	EPA 200.8	1.00	1	05/02/22	YBZ	05/02/22 12:27	MKS

Sample Number: 2D04962-03 Site: Field Blank Sample ID: Field Blank
Collector: NPA Collect Date: 04/19/2022 9:18 am Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
Metals									
Lead	< 1.00	µg/L	EPA 200.8	1.00	1	05/02/22	YBZ	05/02/22 9:34	MKS

Sample Receipt Conditions:

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

Units P/A = Present/Absent
Units P/F = Pass/Fail

Report Generated On: 05/06/2022 6:35 pm 2D04962
STL_Results Revision #2.0 Effective: 04/20/2022

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

SUBURBAN TESTING LABS
1037F MacArthur Road, Reading, PA 19605 Phone: 610-375-TEST Fax: 610-375-4090 suburbantestinglabs.com
PA DEP # 06-00208
NJDEP# PA081

2D04962
Lisa F. Care

SUBURBAN TESTING LABS

TESTING LABS

Chain of Custody Record

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

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

Client Name:	Westchester Environmental LLC.			Project Name:	Academy Charter HS
Address:	1248 Wrights Lane	Phone:	610-431-7545	Address:	Academy Charter HS
	West Chester, PA 19380	Email:	nabraham@westchesterenvironmental.com		1725 Main St, Lake Como, NJ 07719
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	ACHS-1FL-WC-O/S Cafeteria	04/19/22	09:15 AM	NPA	~~008~~ 1	Pb EPA 200.8	1	PW	G	P	H	O/S Cafeteria
First	ACHS-1FL-WC-O/S Gym	04/19/22	09:17 AM	NPA	~~009~~ 2	Pb EPA 200.8	1	PW	G	P	H	O/S Gym
First	Field Blank	04/19/22	09:18 AM	NPA	003	Pb EPA 200.8	1	PW	G	P	H	Field Blank

Relinquished by: Date: 4/20/2022 Time: 8:00

Received By: Date: 4/20/22 Time: 1015 Temp °C: 19.5 Acceptable Y / N

Relinquished by: Date: 4/20/22 Time: 1615 Temp °C: 16.3 Acceptable Y / N

Received in Lab By: Date: 4-20-22 Time: 1615 Temp °C: 16.3 Acceptable Y / N

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ COC Y / N	NPW = Non-Potable Water	P = Plastic
Received at correct temperature Y / N	Solid = Raw Sludge, Dewatered Sludge and, etc. (reported as mg/kg)	G = Glass
Received in containers match quantities on COC ? Y / N	PW = Potable Water (not for SWDA compliance)	O = Other
All containers intact Y / N	SWDA = Safe Drinking Water Act Potable Samples	Preservative Key
Tests within holding times Y / N	Sample Type Key: G = Grab; 8 HC = 8 Hour Composite; 24 HC = 24 Hour Composite	SWDA Sample Type: D = Distribution; E = Entry Point; R = Raw; C = Check; S = Special; M = Maximum Residence
40 ml. VOA vials free of headspace ? Y / N		Thiosulfate Acid: A = Ascorbic; H = HNO3; S = H2SO4; O = Other; N/A = None Required; Na = NaOH

(3) 250 mL P HNO_3

2 Coolers