



**Westchester
Environmental, LLC**

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

PERFORMED FOR:

ACADMEY CHARTER HIGH SCHOOL
1725 MAIN STREET
LAKE COMO, NJ 07719

PERFORMED BY:

WESTCHESTER ENVIRONMENTAL LLC
307 N WALNUT STREET
WEST CHESTER, PA 19380

JULY 2017



July 6, 2017

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

Re: LEAD IN DRINKING WATER REPORT- FIRST ROUND SAMPLING

Mr. Block,

Please find enclosed the report for the Lead in Drinking Water sampling conducted for the 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

A handwritten signature in black ink, appearing to read 'Noel Abraham', followed by a horizontal line.

Noel Abraham
Environmental Specialist



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ACADEMY CHARTER HIGH SCHOOL

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1.0 INTRODUCTION

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

The water sampling was performed on June 14, 2017 by Noel Abraham and Chris Piccininni of Westchester Environmental, LLC.

The purpose of the assessment was to collect initial first draw and flush water samples at predetermined locations in the facilities. Initial first draw samples will be analyzed for lead levels. If the lead level in the initial first draw sample exceeds the lead action limit its corresponding flush sample will be also be analyzed for lead.

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 & flush water samples were collected and submitted to the lab. The first draw samples were submitted for lead analysis. The tables below show the concentration of lead in ppb (parts per billion or microgram per liter) at each sampled location.

Table 1: Academy Charter High School

Sample Number		Location	Result	Action Level	Over Limit
			ppb	ppb	Yes/No
1	ACHS---Blank	Blank	<1.00	15.5	No
2	ACHS-1FL-POE-Men's BR	Men's BR	<1.00	15.5	No
3	ACHS-1FL-WC-Hall o/s BA Office	Hall o/s BA Office	<1.00	15.5	No
4	ACHS-1FL-NS-Nurse	Nurse	<1.00	15.5	No
5	ACHS-1FL-FP-Kitchen-L	Kitchen-L	5.31	15.5	No
6	ACHS-1FL-FP-Kitchen-R	Kitchen-R	2.91	15.5	No
7	ACHS-1FL-WC-Vestibule	Vestibule	<1.00	15.5	No

-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".

Five (5) 250-ml. first draw and five (5) 250-ml. flush samples were collected from the facility at locations pre-determined by school personnel along with one 250-ml. Point of Entry flush and one field blank per building for Quality Control Purposes.

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 initial round of sampling, no further sampling is required.

Notification of the lead testing results should be made on the school website as required by N.J.A.C. 6A:26 regulations.

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.



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

A handwritten signature in black ink, appearing to read 'Noel Abraham', followed by a horizontal line.

Noel Abraham
Environmental Specialist

-END OF REPORT-

APPENDIX I

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



Results Report

Order ID: 7063203

Westchester Environmental
307 North Walnut Street
West Chester, PA 19380

Project: Academy Charter High School
1275 Main Street
Lake Como, NJ 07719

Attn: Westchester Environmental

Regulatory ID:

Sample Number: 7063203-01		Site: Blank		Sample ID: ACHS---Blank						
Collector: NPA		Collect Date: 06/14/2017 7:00 am		Sample Type: S						
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 06/16/17 RPV 06/27/17 22:41 RPV

Sample Number: 7063203-02		Site: Men's BR		Sample ID: ACHS-1FL-POE-Men's BR						
Collector: NPA		Collect Date: 06/14/2017 7:04 am		Sample Type: F						
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 06/16/17 RPV 06/27/17 22:43 RPV

Sample Number: 7063203-03		Site: Hall o/s BA Office		Sample ID: ACHS-1FL-WC-Hall o/s BA Office					
Collector: NPA		Collect Date: 06/14/2017 7:05 am		Sample Type: S					
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 06/16/17 RPV 06/27/17 22:45 RPV

Sample Number: 7063203-04		Site: Nurse		Sample ID: ACHS-1FL-NS-Nurse					
Collector: NPA		Collect Date: 06/14/2017 7:06 am		Sample Type: S					
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 06/16/17 RPV 06/27/17 22:47 RPV

Sample Number: 7063203-05		Site: Kitchen-L		Sample ID: ACHS-1FL-FP-Kitchen-L						
Collector: NPA		Collect Date: 06/14/2017 7:07 am		Sample Type: S						
Department / Test / Parameter		Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By

Metals

Lead 5.31 µg/L EPA 200.8 1.00 1 06/16/17 RPV 06/27/17 22:56 RPV

Report Generated On: 07/05/2017 3:32 pm
STL_Results Revision #1.6

7063203
Effective: 07/09/2014



SUBURBAN TESTING LABS

Sample Number: 7063203-06	Site: Kitchen-R	Sample ID: ACHS-1FL-FP-Kitchen-R
Collector: NPA	Collect Date: 06/14/2017 7:09 am	Sample Type: S

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

Lead	2.91	µg/L	EPA 200.8	1.00	1	06/16/17	RPV	06/27/17 23:02	RPV
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Sample Number: 7063203-07	Site: Vestibule	Sample ID: ACHS-1FL-WC-Vestibule
Collector: NPA	Collect Date: 06/14/2017 7:10 am	Sample Type: S

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	06/16/17	RPV	06/27/17 23:04	RPV
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Sample Number: 7063203-08	Site: Laboratory Control Sample	Sample ID: ACHS-1FL-WC-Vestibule
Collector: NPA	Collect Date: 06/16/2017 12:00 am	Sample Type:

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

Lead	15.6	µg/L	EPA 200.8	1.00	1	06/16/17	RPV	07/03/17 22:22	RPV
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Sample Number: 7063203-09	Site: Laboratory Control Sample Duplicate	Sample ID: ACHS-1FL-WC-Vestibule
Collector: NPA	Collect Date: 06/16/2017 12:00 am	Sample Type:

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

Lead	15.5	µg/L	EPA 200.8	1.00	1	06/16/17	RPV	07/03/17 22:24	RPV
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Sample Receipt Conditions:

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

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.

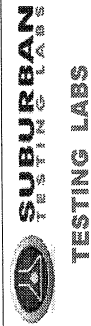
This laboratory report may not be reproduced, except in full, without the written approval of STL.

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

Reviewed and Released By:

Alana Kopicz
Project Manager

Report Generated On: 07/05/2017 3:32 pm 7063203
STL_Results Revision #1.6 Effective: 07/09/2014



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.

Address: 307 N. Walnut Street

Phone: 610-883-3839

Contact Name: Noel Abraham

Email: nabraham@westchesterenviromental.com

Project Name: Acadmey Charter High School

Address: Acadmey Charter High School

1275 Main St., Lake Como, NJ 07719

Payment / P.O. Info:

Comments:

Sample Description / Site ID	Date Sampled	Time Sampled	Samplers Initials	Westchester Field Sample #	Tests Requested	Bottle Quantity	Matrix	Sample Types	Bottle Type *	Preservative	Location Code
Blank	06/14/17	07:00 AM	NPA	001	Pb EPA 200.8	1	PW	G	P	H	ACHS---Blank
Flush Men's BR	06/14/17	07:04 AM	NPA	002	Pb EPA 200.8	1	PW	G	P	H	ACHS-1FL-POE-Men's BR
First Hall o/s BA Office	06/14/17	07:05 AM	NPA	003	Pb EPA 200.8	1	PW	G	P	H	ACHS-1FL-WC-Hall o/s BA Office
First Nurse	06/14/17	07:06 AM	NPA	004	Pb EPA 200.8	1	PW	G	P	H	ACHS-1FL-NS-Nurse
First Kitchen-L	06/14/17	07:07 AM	NPA	005	Pb EPA 200.8	1	PW	G	P	H	ACHS-1FL-FP-Kitchen-L
First Kitchen-R	06/14/17	07:09 AM	NPA	006	Pb EPA 200.8	1	PW	G	P	H	ACHS-1FL-FP-Kitchen-R
First Vestibule	06/14/17	07:10 AM	NPA	007	Pb EPA 200.8	1	PW	G	P	H	ACHS-1FL-WC-Vestibule

PH 72
PH 23
PH 22
PH 22
PH 22
PH 22
PH 22

Relinquished by:

Date: 6/16/17

Time: 09:00

Received By: [Signature]

Date: 6/16/17

Temp °C: 24.0

Time: 10:30

Acceptable Y/N

Relinquished by:

Date: 6/16/17

Temp °C: 23.6

Time: 14:30

Acceptable Y/N

Received in Lab By:

Date: 6/16/17

Temp °C: 23.6

Time: 14:30

Acceptable Y/N

7063203
Alana Kopicz

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