



**Westchester  
Environmental, LLC**

**LEAD IN DRINKING WATER REPORT  
CENTRAL JERSEY COLLEGE PREP  
CHARTER SCHOOL  
FLUSH SAMPLING**

*PERFORMED FOR:*

**CENTRAL JERSEY COLLEGE PREP CHARTER SCHOOL  
101 METTLERS ROAD  
SOMERSET, NJ 08873**

*PERFORMED BY:*

**WESTCHESTER ENVIRONMENTAL LLC  
1248 WRIGHTS LANE  
WEST CHESTER, PA 19380**

MAY 2018



May 8, 2018

Mr. James Johnson  
Central Jersey College Prep Charter School  
101 Mettlers Road  
Somerset, NJ 08873

**Re: LEAD IN DRINKING WATER REPORT- FLUSH SAMPLING**

Mr. Johnson,

Please find enclosed the report for the Lead in Drinking Water Flush Sampling conducted for the Central Jersey College Prep Charter School on April 21, 2018.

If you have any questions, please contact me at 610-431-7545 or email me at [nabraham@westchesterenvironmental.com](mailto: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. James Johnson to conduct Drinking Water Flush Sampling for Lead at the Central Jersey College Prep Charter School.

The water sampling was performed on April 21, 2018 by Noel Abraham of Westchester Environmental, LLC.

The purpose of the assessment was to collect flush water samples at locations in the facility where the initial first draw samples were reported to contain lead above the NJDEP action level of 15.5 parts per billion (ppb).

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

A flush water sample was collected and submitted to the lab for lead analysis. Table 1 shows the concentration of lead in ppb (parts per billion or microgram per liter) at each sampled location.

Table 1: Central Jersey College Prep Charter School

Sample Number	Location	First Draw Result	Flush Result	Action Level	Flush Result Over Limit	
		ppb	ppb	ppb	Yes/No	
1	CJHS-1FL-FP-Kitchen-F	Kitchen	21.1	1.41	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".

One 250 ml. flush sample was collected from the Central Jersey College Prep Charter School at locations pre-determined by school personnel.

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 this flush sample result is below the lead action limit. However, flush samples are tested if the corresponding first draw sample point fails. Since this is the case, this fixture for the kitchen should continue to not be used for drinking or cooking. In order to be put back in use for drinking or cooking the fixture needs to be remediated and re-tested for lead to be sure the result is less than the lead action limit prior to reuse.

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

A handwritten signature in black ink, appearing to read 'Noel Abraham', written over 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: 8044911

Westchester Environmental  
1248 Wrights Lane  
West Chester, PA 19380

Project: Central Jersey College Prep Charter School  
101 Mettlers Road  
Somerset, NJ 08873

Attn: Westchester Environmental

Regulatory ID:

Sample Number: 8044911-01      Site: Kitchen      Sample ID: CJHS-1FL-KS-Kitchen-F  
Collector: NPA      Collect Date: 04/21/2018 8:05 am      Sample Type: F

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

Lead      1.41      µg/L      EPA 200.8      1.00      1      04/25/18      RPV      04/26/18 15:55      RPV

Sample Number: 8044911-02      Site: Laboratory Control Sample      Sample ID:  
Collector:      Collect Date: 04/24/2018 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      13.9      µg/L      EPA 200.8      1.00      1      04/25/18      RPV      04/26/18 15:57      RPV

Sample Number: 8044911-03      Site: Laboratory Control Sample Duplicate      Sample ID:  
Collector:      Collect Date: 04/24/2018 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      13.8      µg/L      EPA 200.8      1.00      1      04/25/18      RPV      04/26/18 16:03      RPV

**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: 04/27/2018 1:54 pm      8044911  
STL\_Results      Revision #1.6      Effective: 07/09/2014





8044911  
Alana Kopicz



TESTING LABS

1037F MacArthur Road, Reading, PA 19605  
610-375-TEST - Fax: 610-375-1890 - suburbantestinglabs.com

Standard 24hr 48hr 72hr Other

Client Name:	Westchester Environmental LLC. <i>Leve</i>	Project Name:	Central Jersey College Prep Charter School
Address:	<del>307 N. Walnut Street</del> 1248 Wrigglets West Chester, PA 19380	Address:	CJCPCS 101 Mettlers Rd., Somerset, NJ 08873
Contact Name:	Noel Abraham	Email:	nabraham@westchesterenv ironmental.com
Comments:		Payment / P.O. Info:	

Flush / First Draw	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
	Kitchen	04/21/18	08:05 AM	NPA	001	Pb EPA 200.8	1	PW	G	P	H	CJHS-1FL-KS-Kitchen-F
<i>① 250 mL V - JSE 4-24-18</i>												

*plh-2*

Relinquished by:

*[Signature]*

Date: 4/23/18

Time: 17:00

Received By:

*[Signature]*

Date: 4/24/18 Temp °C: 24.1

Time: 12:51 Acceptable  Y / N

Relinquished by:

*[Signature]*

Date: 4/24/18 Temp °C: 3.8

Time: 14:15 Acceptable  Y / N

Received in Lab By:

*[Signature]*

Date: 4-24 Temp °C: 3.8

Time: 14:15 Acceptable  Y / N

Sample Conditions	Matrix Key	Bottle Type Key	Reporting options
Submitted w/ COC <input checked="" type="checkbox"/> Y / N	NPW = Non-Potable Water	P = Plastic	<input type="checkbox"/> SWDA Reportin
number of containers match number on CDC? <input checked="" type="checkbox"/> Y / N	Solid = Raw Sludge, Dewatered Sludge, soil, etc. (reported as mg/l) PW = Potable Water (not for SWDA compliance) SWDA = Safe Drinking Water Act Potable Sample	G = Glass O = Other	<input type="checkbox"/> Fax
All containers intact <input checked="" type="checkbox"/> Y / N	Sample Type Key   SWDA Sample Type	Preservative Key	<input type="checkbox"/> Email
Tests within holding times <input checked="" type="checkbox"/> Y / N	G = Grab 8 HC = 8 Hour Composite 24 HC = 24 Hour Composite	H = Sodium Thiosulphate A = Ascorbic Acid H = HNO3 C = HCl H2SO4 NaOH NA = None Required	<input type="checkbox"/> Other
40 ml. VOA vials free of headspace? <input type="checkbox"/> Y / N	D = Distribution E = Entry Point R = Raw C = Check S = Special M = Maximum Residence		<input type="checkbox"/> Return a copy of this form

*PHV ORC 4/24/18*