



**Westchester
Environmental, LLC**

**LEAD IN DRINKING WATER
SUPPLEMENTAL REPORT**

BUTLER PUBLIC SCHOOL DISTRICT

PERFORMED FOR:

**BUTLER PUBLIC SCHOOL DISTRICT
38 BARTHOLDI AVE. HS ANNEX
BUTLER, NJ 07405**

PERFORMED BY:

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

MAY 2017



May 9, 2017

Mrs. Barbara Murphy
School Business Administrator
Butler Public School District
38 Bartholdi Ave, HS Annex
Butler, NJ 07405

Re: LEAD IN DRINKING WATER SUPPLEMENTAL REPORT

Dear Mrs. Murphy,

Please find enclosed the report for the Lead in Drinking Water Supplemental sampling conducted for our Butler Public School District facilities.

If you have any questions, please contact me at 484-894-4841 or email me at pfmccaa@WestChesterEnvironmental.com.

Sincerely,

Westchester Environmental, LLC

A handwritten signature in purple ink that reads 'Paul F. McCaa'.

Paul F. McCaa
Senior Environmental Specialist



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BUTLER PUBLIC SCHOOL DISTRICT

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1.0 INTRODUCTION

Westchester Environmental, LLC was contracted by the Butler Public School District to conduct Drinking Water Sampling for Lead at district facilities in Butler, NJ.

The water sampling was performed on April 26, 2017 by Paul F. McCaa of Westchester Environmental, LLC.

The purpose of the assessment was to collect water samples at locations in the Arts Bldg. that were not identified by the district to be sampled during the initial round of sampling and have them analyzed for lead levels.

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. The table below shows the concentration of lead (parts per billion or microgram per liter) at each sampled location.

Table 1 Arts Building

Sample Number	Location	Result	Action Level	Lead Hazard
		ppb	ppb	YES/NO
7045412-01	Blank	<1.00	15.5	NA
7045412-02	Trainers Room	<1.00	15.5	NO
7045412-03	Weight Room	<1.00	15.5	NO
7045412-04	Trainers Room Cooler Fill	<1.00	15.5	NO
7045412-05	Laboratory Control Sample	14.6	NA	NA
7045412-06	Laboratory Control Sample Duplicate	14.3	NA	NA

-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".

250ml samples were collected from facilities at locations identified by district personnel as follows:

High School Annex: 3 first draw & 1 field blank

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.

Laboratory analysis for this supplemental round of sampling indicates that lead levels in the water at the locations sampled were below the 15.5 ppb NJDOE Action Level.

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

Paul F. McCaa

A handwritten signature in blue ink that reads 'Paul F. McCaa'.

Senior Environmental Specialist

-END OF REPORT-

APPENDIX I

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



Results Report

Order ID: 7045412

Westchester Environmental
307 North Walnut Street
West Chester, PA 19380

Project: Butler, NJ SD - High School Arts Bldg
38 Bartholdi Avenue
Butler, NJ 07405

Attn: Westchester Environmental

Regulatory ID:

Sample Number: 7045412-01
Collector: PFM

Site: Blank
Collect Date: 04/26/2017 7:17 am

Sample ID: BHS-Arts Bldg Blank
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 04/28/17 RPV 05/08/17 20:35 RPV

Sample Number: 7045412-02
Collector: PFM

Site: Trainers Room
Collect Date: 04/26/2017 7:16 am

Sample ID: BHS-Arts Bldg-IM-Trainers Room
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 04/28/17 RPV 05/08/17 20:36 RPV

Sample Number: 7045412-03
Collector: PFM

Site: Weight Room
Collect Date: 04/26/2017 7:12 am

Sample ID: BHS-Arts Bldg-WC-Weight Room
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 04/28/17 RPV 05/08/17 20:42 RPV

Sample Number: 7045412-04
Collector: PFM

Site: Trainers Room Cooler Fill
Collect Date: 04/26/2017 7:15 am

Sample ID: BHS-Arts Bldg-DW-Trainers Room C
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 04/28/17 RPV 05/08/17 20:44 RPV

Sample Number: 7045412-05
Collector:

Site: Laboratory Control Sample
Collect Date: 04/27/2017 12:00 am

Sample ID:
Sample Type:

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

Lead 14.6 µg/L EPA 200.8 1.00 1 04/28/17 RPV 05/08/17 20:50 RPV

Report Generated On: 05/09/2017 2:44 pm
STL_Results Revision #1.6

7045412
Effective: 07/09/2014





Sample Number: 7045412-06	Site: Laboratory Control Sample Duplicate	Sample ID:
Collector:	Collect Date: 04/27/2017 12:00 am	Sample Type:

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	14.3	µg/L	EPA 200.8	1.00	1	04/28/17	RPV	05/08/17 20:52	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.

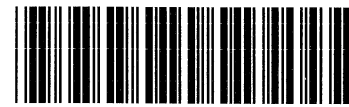
Reviewed and Released By:

Alana Kopicz
Project Manager

Report Generated On: 05/09/2017 2:44 pm 7045412
 STL_Results Revision #1.6 Effective: 07/09/2014



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7045412
Alana Kopicz



Chain of Custody Record

TAT (Check One)

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

Client Name:	Westchester Environmental LLC.			Project Name:	Butler SD
Address:	307 N. Walnut Street	Phone:	484-894-4841	Facility:	High School Arts Bldg
	West Chester, PA 19380	Fax:		Address:	38 Bartholdi Avenue
Contact Name:	Paul McCaa	Email:	mccaapaul@gmail.com	City, State:	Butler, NJ 07405

Comments:

Flush / First Draw	Sample Description / Site ID.	Date Sampled	Time Sampled	Samplers Initials	NJDEP TAG CODE	Tests Requested	Bottle Quantity	Matrix	Sample Types	Bottle Type	Preservative	Sample #
	Blank	04/26/17	07:17 AM	PFM	BHS-Arts Bldg-Blank-	Pb EPA 200.8	1	PW	G	P	H	001 PH ₂ L
First Draw	Trainers Room	04/26/17	07:16 AM	PFM	BHS-Arts Bldg-IM-Trainers Room	Pb EPA 200.8	1	PW	G	P	H	002 PH ₂ L
First Draw	Weight Room	04/26/17	07:12 AM	PFM	BHS-Arts Bldg-WC-Weight Room	Pb EPA 200.8	1	PW	G	P	H	003 PH ₂ L
First Draw	Trainers Room Cooler Fill	04/26/17	07:15 AM	PFM	BHS-Arts Bldg-DW-Trainers Room Cooler Fill	Pb EPA 200.8	1	PW	G	P	H	004 PH ₂ L

PH ✓ SUB-ST 4/27/17

Relinquished by: Paul McCaa Date: 04/26/17

Received By: *Sarah Bergman* (4) Date: 4/27/17 Temp °C: 21.0
Time: 11:24 Acceptable Y/N

Relinquished by: *Sarah Bergman* (4) Date: 4/27/17 Temp °C: 16.3
Time: 15:25 Acceptable Y/N

Received in Lab By: *Elyse Dwo* Date: 4/27/17 Temp °C: 16.3
Time: 15:25 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 G = Glass O = Other	<input type="checkbox"/> SWDA Reporting SID PW
Number of containers match number on COC? <input checked="" type="checkbox"/> Y/N	Solid = Raw Sludge, Dewatered Sludge, soil, etc. (reported as mg/l)	Preservative Key H = Sodium Thiosulphate	<input checked="" type="checkbox"/> Email
All containers intact <input checked="" type="checkbox"/> Y/N	PW = Potable Water (not for SWDA compliance) SWDA = Safe Drinking Water Act Potable Sample	A = Ascorbic Acid H = HNO ₃ C = HCl	<input type="checkbox"/> Other
Tests within holding times <input checked="" type="checkbox"/> Y/N	Sample Type Key G = Grab 8 HC = 8 Hour Composite	S = H ₂ SO ₄ OH = NaOH O = Other NA = None Required	<input type="checkbox"/> Return a copy of this form with Report
40 ml. VOA vials free of headspace? <input checked="" type="checkbox"/> Y/N	24 HC = 24 Hour Composite		