



**Westchester
Environmental, LLC**

Addendum 1

LEAD IN DRINKING WATER 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**

MARCH 2017



March 21, 2017

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

Re: LEAD IN DRINKING WATER REPORT Addendum 1

Dear Mrs. Murphy,

Please find enclosed Addendum 1 for the Lead in Drinking Water sampling conducted for 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 blue ink that reads 'Paul F. McCaa'.

Paul F. McCaa
Senior Environmental Specialist



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BUTLER PUBLIC SCHOOL DISTRICT

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Appendix I – Water Sampling Chain-of-Custody & Laboratory Reports



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 purpose of the assessment was to collect water samples at three locations that were added to the scope of work for the project after the initial sampling was conducted.

The water sampling was performed on February 25, 2017 by Paul F. McCaa 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 water samples were collected and submitted for lead analysis. The table below show the concentration of lead (parts per billion or microgram per liter) at each sampled location in the Trainers Room in the Art Bldg. section at the High School.

Table 1 Trainers Room (Art Building)

Sample Number	Location	Result	Action Level	Lead Hazard	
		ppb	ppb	YES/NO	
1	Art Bldg-LL-DW-Hall o/s Girls Locker (Pit)	Hall o/s Girls Locker (Pit)	6.45	15.5	NO
2	Art Bldg-LL-DW-Trainers Room Cooler fill	Trainers Room Cooler fill	<1.00	15.5	NO
3	Art Bldg-LL-IM-Trainers Room	Trainers Room	<1.00	15.5	NO
4	Blank	Field Blank	<1.00	NA	NA

According to the analytical report from the laboratory, lead levels in the three samples analyzed were reported to be below the EPA action level of 15.5 ppb (parts per billion).

-END OF SECTION-



3.0 SAMPLING AND ANALYSES

The following guidance documents were followed for all sampling:

1. N.J.A.C. 6A:26 : includes District Sampling Plan and Quality Assurance Project Plan documents
2. The EPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools"

Three (3) initial first draw samples 250ml samples were collected from the Art Building at 3 locations that were not identified by district personnel for the initial round of sampling.

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

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 documents referenced in Section 3.0 above.

The results of the (3) sample locations reported here are all below the lead action limit of 15.5 ppb therefore no further sampling is required for these locations.

-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 SAMPLING
CHAINS-OF-CUSTODY & LAB REPORTS**



Results Report

Order ID: 7031193

Westchester Environmental
101 S. Northampton Street
Bangor, PA 18013

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

Attn: Paul McCaa

Regulatory ID:

Sample Number: 7031193-01 Site: Hall o/s Girls Locker (pit) Sample ID: BHS-LL-DW-Hall o/s Girls Locker (P
Collector: PFM Collect Date: 02/25/2017 11:01 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 6.45 µg/L EPA 200.8 1.00 1 03/01/17 RPV 03/10/17 17:24 ADR

Sample Number: 7031193-02 Site: Trainers Room Cooler fill Sample ID: BHS-LL-DW-Trainers Room Cooler
Collector: PFM Collect Date: 02/25/2017 11:02 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 03/01/17 RPV 03/10/17 17:18 ADR

Sample Number: 7031193-03 Site: Trainers Room Sample ID: BHS-LL-IM-Trainers Room
Collector: PFM Collect Date: 02/25/2017 11:03 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 03/01/17 RPV 03/10/17 17:29 ADR

Sample Number: 7031193-04 Site: Field Blank Sample ID: BHS-LL-FB-Field Blank
Collector: PFM Collect Date: 02/25/2017 11:00 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 03/01/17 RPV 03/10/17 17:31 ADR

Sample Receipt Conditions:

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

Report Generated On: 03/13/2017 1:44 pm
STL_Results Revision #1.6

7031193
Effective: 07/09/2014





SUBURBAN TESTING LABS

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.

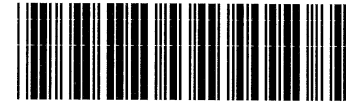
Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:

Alana Kopicz
Project Manager

Report Generated On: 03/13/2017 1:44 pm 7031193
STL_Results Revision #1.6 Effective: 07/09/2014





7031193
Alana Kopicz



Chain of Custody Record

TAT (Check

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 West Chester, PA 19380	Phone:	484-894-4841
Contact Name:	Paul McCaa	Fax:	
	Email: mccaapaul@gmail.com	Address:	41 Jackson Valley Road
		City, State:	Butler, NJ 07405

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 #
First Draw	Hall o/s Girls Locker (Pit)	02/25/17	11:01 AM	PFM	BHS-LL-DWHall o/s Girls Locker (Pit)	Pb EPA 200.8	1	PW	G	P	H	035
First Draw	Trainers Room Cooler fill	02/25/17	11:02 AM	PFM	BHS-LL-DWTrainers Room Cooler fill	Pb EPA 200.8	1	PW	G	P	H	036
First Draw	Trainers Room	02/25/17	11:03 AM	PFM	BHS-LL-IMTrainers Room	Pb EPA 200.8	1	PW	G	P	H	037
First Draw	Field Blank	02/25/17	11:00 AM	PFM	BHS-LL-FBField Blank	Pb EPA 200.8	1	PW	G	P	H	038
First Draw												
First Draw												
First Draw												

pH base 3/1/17

Relinquished by: Paul McCaa Date: 02/28/17
 Time: _____
 Received By: _____ Date: _____ Temp °C: _____
 Time: _____ Acceptable Y / N _____
 Relinquished by: _____ Date: _____ Temp °C: _____
 Time: _____ Acceptable Y / N _____

Received in Lab By: *B. Keane* Date: *3/1/17* Temp °C: *19.4*
 Time: _____ Acceptable Y / N _____
(WSS) *(4)*
13:03

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 Reporting
Number of containers match number on COC? <input checked="" type="checkbox"/> Y / N	Solid = Raw Sludge, Dewatered Sludge, soil, etc. (reported as mg/l)	G = Glass	<input type="checkbox"/> PW SID
All containers intact <input checked="" type="checkbox"/> Y / N	PW = Potable Water (not for SWDA compliance)	O = Other	<input type="checkbox"/> Fax
Tests within holding times <input checked="" type="checkbox"/> Y / N	SWDA = Safe Drinking Water Act Potable Sample	Preservative Key	<input type="checkbox"/> Email
40 ml. VOA vials free of headspace? <input type="checkbox"/> Y / N	Sample Type Key	H = Sodium Thiiosulphate	<input type="checkbox"/> Other
	D = Distribution	A = Ascorbic Acid	<input type="checkbox"/> Return a copy of this form with Report
	E = Entry Point	HNO3	
	R = Raw	E = HCl	
	C = Composite	R = H2SO4	
	S = Check	C = NaOH	
	M = Special	S = Other	
	Maximum	O = None	
	Retention	NA = Required	