



**WARREN HILLS REGIONAL SCHOOLS  
LEAD IN DRINKING WATER  
POST REMEDIATION SAMPLING REPORT**

*PERFORMED FOR:*

**WARREN HILLS REGIONAL SCHOOLS  
89 BOWERSTOWN ROAD  
WASHINGTON, NJ 07882**

*PERFORMED BY:*

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

JUNE 2022



June 20, 2022

Mr. Anthony Sbriscia  
Warren Hills Regional Schools  
89 Bowerstown Road  
Washington, NJ 07882

**Re: LEAD IN DRINKING WATER REPORT- POST REMEDIATION SAMPLING**

Dear Mr. Sbriscia;

Please find enclosed the report for the Lead in Drinking Water- Post Remediation Sampling conducted for Warren Hills Regional Schools.

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. Anthony Sbriscia to conduct Post Remediation Drinking Water Sampling at the following Hazlet Township Public Schools:

1. Warren Hills Regional High School

The purpose of the post remediation sampling was to collect and analyze first draw water samples at locations that previously exceeded the lead action limit after remediation had been completed by the district. The objective of the testing was to assure that the remediation was successful.

The water sampling was performed on April 14, 2022 by Philip Conteh 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. Tables 1 below shows the concentration of lead (parts per billion or microgram per liter) at each location sampled.

Table 1: Warren Hills Regional High School

Location Code	Result (ppb)	Action Level (ppb)	Lead Hazard (Yes/No)
1 WHHS-1FL-FP-Kitchen 514C-6	35.7	15.5	Yes

*-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".

One (1) first draw sample was collected and analyzed after remediation at the location where the first draw or flush draw samples was reported to contain lead above the action level of 15.5 parts per billion (ppb).

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 sample, one sample exceeded the action limit. The remediation was unsuccessful in the lowering the lead concentration in the high school.

*-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'.

Noel Abraham  
Environmental Specialist

*-END OF REPORT-*



## **APPENDIX I**

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



### Results Report

Order ID: 2E03113

Westchester Environmental  
1248 Wrights Lane  
West Chester, PA 19380

Project: Warren Hills Regional HS & MS  
Warren Hills Regional HS & MS  
Warren Hills, NJ

Attn: Noel Abraham

Regulatory ID:

Sample Number: 2E03113-01  
Collector: NPA

Site: WHHS-1FL-FP-Kitchen 514C-6  
Collect Date: 04/14/2022 9:15 am

Sample ID: High School  
Sample Type: Grab

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

Lead	35.7	µg/L	EPA 200.8	1.00	1	05/23/22	RPV	05/23/22 17:24	MKS
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**Sample Receipt Conditions:**

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

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

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.

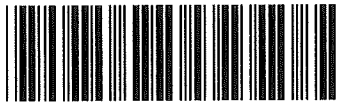
Results are considered Preliminary unless report is signed by authorized representative of STL.

**Reviewed and Released By:**

Lisa F. Care  
Project Manager II

Report Generated On: 05/24/2022 12:43 pm      2E03113  
STL\_Results    Revision #2.0      Effective: 04/20/2022





2E03113  
Lisa F. Care



### Chain of Custody Record

TAI (Check One) Standard 24hr 48hr 72hr Other

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

Client Name:	Westchester Environmental LLC.			Project Name:	Warren Hills Regional SD
Address:	1248 Wrights Lane	Phone:	610-431-7545	Address:	Warren Hills HS & MS
	West Chester, PA 19380	Email:	nabraham@westchesterenvironmental.com		Warren Hills, NJ
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	WHHS-1FL-FP-Kitchen 514C-6	09/03/21	09:15 AM	NPA	001	Pb EPA 200.8	1	PW	G	P	H	High School
<p><i>* = Collection date is 4/17/22 as per PM's instructions and client's email 5/10/22</i></p> <p><i>MAJ</i></p>												

Relinquished by:

Date: 4/18/22  
Time: ~~7:23~~ 7:23 AM

Received By:

Date: 4/18/22 Temp: 18°C  
Time: 11:20 Acceptable  / N

Relinquished by:

Date: 4/18/22 Temp: 18°C  
Time: 16:30 Acceptable  / N

Received in Lab By:

Date: 4/18/22 Temp: 18°C  
Time: 16:30 Acceptable  / N

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ COT <input checked="" type="checkbox"/> / N	NPW = Non Potable Water	P = Plastic
Material of container match number on label <input checked="" type="checkbox"/> / N	Solid = Raw Grunge, Downstern, Glue, etc. Reported as mg/l	G = Glass
All containers intact <input checked="" type="checkbox"/> / N	PW = Potable Water (not for SWDA compliance)	O = Other
Tests within holding times <input checked="" type="checkbox"/> / N	SWDA = Safe Drinking Water Act	Preservative Key
40 ml VOA vials free of headspace? <input checked="" type="checkbox"/> / N	Sample Type Key	H = Hazmat
	G = Grab	Thiosulfate
	8 HC = 8 Hour	Acid
	Composite	A = Ascorbic
	24 HC = 24 Hour Composite	H = HNO2
		C = HCl
		B =
		H2SO4
		OH = NaOH
		O = Other
		None Required
		NA =

FIELD SERVICE SAMPLE PICKUP

