RED BANK CHARTER SCHOOL
LEAD IN DRINKING WATER
POST REMEDIATION SAMPLING REPORT

PERFORMED FOR:

RED BANK CHARTER SCHOOL
58 OAKLAND STREET
RED BANK, NJ 07701

PERFORMED BY:

WESTCHESTER ENVIRONMENTAL LLC
1248 WRIGHTS LANE
WEST CHESTER, PA 19380

DECEMBER 2022

Westchester Environmental

December 12, 2022

Mr. David Block
Red Bank Charter School
58 Oakland St.
Red Bank, NJ 07701

Re: LEAD IN DRINKING WATER REPORT- POST REMEDIATION SAMPLING

Dear Mr. Block:

Please find enclosed the report for the Lead in Drinking Water - Post Remediation Sampling conducted for the Red Bank Charter School.

If you have any questions, please contact me at 610-431-7545 or email me at nabraham@westchesterenvironmental.com.

Sincerely,

Westchester Environmental, LLC

Noel Abraham
Environmental Specialist

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RED BANK CHARTER SCHOOL

1.0 INTRODUCTION

Westchester Environmental, LLC was contracted by Mr. David Block to conduct Post Remediation Drinking Water Sampling at the Red Bank Charter 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 November 30, 2022 by Noel Abraham 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. Table 1 below shows the concentration of lead (parts per billion or microgram per liter) at each location sampled.

Table 1: Red Bank Charter School

	Location Code	Result (ppb)	Action Level (ppb)	Lead Hazard (Yes/No)
1	RBCS-1FL-KS-Kitchen Island	<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".

One (1) first draw sample was collected and analyzed after remediation at the location where the first draw or flush draw sample 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, the remediation was successful in lowering in the lead concentration below the action limit for one (1) location. No further action is required.

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.

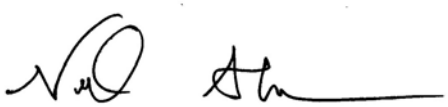
-END OF SECTION-

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



Noel Abraham
Environmental Specialist

-END OF REPORT-

APPENDIX I

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

SUBURBAN TESTING LABS

Results Report

Order ID: 2L02343

Westchester Environmental
1248 Wrights Lane
West Chester, PA 19380

Project: RED BANK CHARTER
58 OAKLAND ST
RED BANK, NJ 07701

Attn: Noel Abraham

Regulatory ID:

Sample Number: 2L02343-01 | Site: RBCS-1FL-KS-KITCHEN ISLAND | Sample ID: KITCHEN ISLAND 2
Collector: NPA | Collect Date: 11/30/2022 8:15 am | Sample Type: Grab

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	12/08/22	LAD	12/09/22 20:28	LAD

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:
Ryan F Knerr
Project Manager II

Report Generated On: 12/13/2022 1:58 pm 2L02343
STL_Results Revision #2.1 Effective: 09/01/2022

2L02343
Ryan F Knerr

SUBURBAN TESTING LABS

TESTING LABS

Chain of Custody Record

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

TAT (Check One) Standard 24h

Client Name:	Westchester Environmental LLC.			Project Name:	Red Bank Charter
Address:	1248 Wrights Lane	Phone:	610-431-7545	Address:	Red Bank Charter
	West Chester, PA 19380	Email:	nabraham@westchesterenvironmental.com		58 Oakland St., Red Bank, NJ 07701
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	RBCS-1FL-KS-Kitchen Island	11/30/22	8:15	NPA	001	Pb EPA 200.8	1	PW	G	P	H	Kitchen Island 2
	(1) 250mL P HNO3		pH<2	pmf	12.7.22							

Relinquished by: MEKS WOODS
Date: 11/30/22
Time: 5:30

Received By:
Date:
Temp °C:
Time:
Acceptable Y / N

Relinquished by:
Date:
Temp °C:
Time:
Acceptable Y / N

Received in Lab By:
Date: 12.7.22
Temp °C: 15.1
Time: 1152
Acceptable (Y) / N

Sample Conditions		Matrix Key		Bottle Type Key
Submitted w/ COC	(Y) / N	NPW = Non-Potable Water		P = Plastic
		Solid = Raw Sludge, Dewatered Sludge,soil, etc. (reported as mg/l)		G = Glass
Number of containers match number on COC ?	(Y) / N	PW = Potable Water (not for SWDA compliance)		O= Other
		SWDA = Safe Drinking Water Act Potable Sample		Preservative Key
All containers intact	(Y) / N	Sample Type Key	SWDA Sample Type	H = Sodium Thiosulphate A = Ascorbic Acid H = HNO3 C = HCl S = H_2SO_4 OH = NaOH O = Other NA = None Required
Tests within holding times	(Y) N	G = Grab	D = Distribution	
		8 HC = 8 Hour Composite	E = Entry Point	
40 ml. VOA vials free of headspace ?	~~Y / N~~	24 HC = 24 Hour Composite	R = Raw	
			C = Check	
			S = Special	
			M = Maximum Residence	