



**RED BANK CHARTER SCHOOL
LEAD IN DRINKING WATER
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**

MAY 2025



May 23, 2025

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

Re: LEAD IN DRINKING WATER REPORT- FIRST ROUND SAMPLING

Dear Mr. Block:

Please find enclosed the report for the Lead in Drinking Water sampling conducted for the Red Bank Charter School.

One first draw sample exceeded the lead action level of 15.5 microgram/liter (ug/L) or 15.5 parts per billion (ppb).

Thank you for giving us the opportunity to be of service. Please do not hesitate to contact us at 610-431-7545 or email cpiccininni@westchesterenvironmental.com or info@westchesterenvironmental.com.

Sincerely,

Westchester Environmental, LLC

A handwritten signature in black ink, appearing to read 'Christopher Piccininni', written in a cursive style.

Christopher Piccininni
Environmental Specialist



TABLE OF CONTENTS

RED BANK CHARTER SCHOOL

1.0	EXECUTIVE SUMMARY.....	2
2.0	INTRODUCTION	3
3.0	SAMPLING AND ANALYSES	4
4.0	SAMPLE RESULTS.....	5
5.0	DISCUSSION & RECOMMENDATIONS.....	6
6.0	DISCLAIMER	7



1.0 EXECUTIVE SUMMARY

Westchester Environmental, LLC (WCE) was contracted by Mr. David Block of Red Bank Charter School to conduct lead in water testing for the school district for the 2024-2025 school year.

The objective of the sampling was to determine the lead in water levels in the school. The New Jersey Department of Environmental Protection’s (NJDEP) establishes 15.5 ug/L as the lead action limit. During this visit, first draw and flush water samples were collected from the following school:

Red Bank Charter School - 58 Oakland Street, Red Bank, NJ

The water sampling was performed on April 18, 2025 by Christopher Piccininni of Westchester Environmental, LLC. The analysis of lead content was based using U.S. Environmental Protection Agency (EPA) Method 200.8 for lead in drinking water. All the first draw samples were initially analyzed, and the corresponding flush sample analyzed only after a first draw sample exceeded the lead action limit.

One first draw sample detailed below exceeded the lead action level of 15.5 microgram/liter (ug/L) or 15.5 parts per billion (ppb).

Lead Water Exceedances - First Draw

Building	Location Code	Results (ug/L)	Action Level (ug/L)	Lead Hazard (Yes/No)
1 Red Bank Charter School	RBCS-1FL-KS-Kitchen Island 2	35.6	15.5	Yes

Immediate / Short Term Action Required:

Immediately discontinue using water at the above location exceeding the NJDEP 15.5 ug/L Action Level. If this location is going to be remediated for future use, it will need to be re-tested prior to being put in service to make sure the remedial work was successful.

-END OF SECTION-

2.0 INTRODUCTION

The objective of the sampling was to determine the lead in water levels from drinking water outlets located in the school building. During this visit, first draw and flush drinking water samples were collected following a period of no water use within the building for at least eight hours.

Lead in school drinking water continues to be a serious concern, with children in many schools potentially drinking water with dangerous levels of lead. Even when water entering a facility meets all federal and state public health standards for lead concentrations, older plumbing materials found in schools can contribute to elevated lead levels in the drinking water.

The NJDEP's action level for lead in drinking water is set at 15. However, for the purposes of compliance, any concentration greater than 15 µg/L (as defined as greater than or equal to 15.5 µg/L) is considered to exceed the lead action level. If sampling exceeds the level, then the action will need to be taken.

The Environmental Protection Agency (EPA) itself states that 15 ug/L is not a health-based standard, but rather based on what is feasible for water systems to achieve. According to the EPA, given present technology and resources, this level is the lowest level to which water systems can reasonably be required to control this contaminant should it be present in drinking water.

On October 8, 2024, the EPA announced the finalization of key improvements to the Lead and Copper Rule (LCR), which introduces new regulations that will reshape how public water suppliers manage lead service lines. These changes are critical to protecting public health and will become effective in late 2027, three years after their publication.

One of the most significant changes is the reduction of the lead action level to 10 ug/L. Water systems that exceed this threshold must take immediate corrective actions, including notifying the public, implementing corrosion control treatments, and expediting lead service line replacement.

-END OF SECTION-

3.0 SAMPLING AND ANALYSES

During this sampling event eight first draw samples, seven flushes and one field blank were collected.

All the collected samples were labeled with a unique identification number and transported to Suburban Laboratory for analysis of lead in drinking water using EPA Method 200.8. Suburban Testing Labs located at 1037F MacArthur Rd, Reading, PA 19605, is a NJ certified Lead in Drinking Water testing facility.

The documents listed below were followed for sampling:

1. New Jersey Department of Education N.J.A.C. 6A:26
2. The USEPA'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 as well as the Safe Drinking Water Act of 1974".

-END OF SECTION-

4.0 SAMPLE RESULTS

The tables below show the first draw and flush draw concentrations of lead (microgram per liter) at sampled locations. The NJDEP establishes 15.5 ug/L as the lead action limit. One first draw sample exceeded the action limit of 15.5 micrograms per liter (ug/L).

Table1: **Red Bank Charter School**

Location Code	Results (ug/L)	Action Level (ug/L)	Lead Hazard (Yes/No)
1 RBCS-1FL-KS-Kitchen 1	<1.00	15.5	No
2 RBCS-1FL-KS-Kitchen Island 2	35.6	15.5	Yes
3 RBCS-1FL-KS-Kitchen DW 3	<1.00	15.5	No
4 RBCS-1FL-KS-Kitchen Ext Door 4	<1.00	15.5	No
5 RBCS-1FL-IM-Kitchen	<1.00	15.5	No
6 RBCS-1FL-WC-Cafeteria	<1.00	15.5	No
7 RBCS-1FL-NS-Nurse	<1.00	15.5	No
8 RBCS-2FL-S-Classroom 209	1.83	15.5	No
9 Field Blank	<1.00	15.5	No

Table 2: **Flush Draw**

Building	Location Code	First Draw Result (ug/L)	Flush Draw Results (ug/L)	Action Level (ug/L)	Lead Hazard (Yes/No)
1 Red Bank Charter School	RBCS-1FL-KS-Kitchen Island 2	35.6	1.05	15.5	No

-END OF SECTION

5.0 DISCUSSION & RECOMMENDATIONS

Lead can enter water when plumbing materials corrode, especially if the water is acidic or has low mineral content. Lead pipes, faucets, and fixtures are the most common sources of lead in drinking water.

The Safe Drinking Water Act requires the EPA to determine the level of contaminants in drinking water at which no adverse health effects are likely to occur with an adequate margin of safety. These non-enforceable health goals, based solely on possible health risks, are called maximum contaminant level goals (MCLGs). The EPA has set the maximum contaminant level goal for lead in drinking water at zero because lead is a toxic metal that can be harmful to human health even at low exposure levels. Lead is persistent, and it can bioaccumulate in the body over time.

The lead content in the samples collected was analyzed using U.S. Environmental Protection Agency (EPA) Method 200.8 for lead in drinking water

One first draw sample exceeded the action limit of 15.5 ug/L. of 15.5 microgram/liter (ug/L) or 15.5 parts per billion (ppb) are shown in the table below:

Lead Water Exceedances - First Draw

Building	Location Code	Results (ug/L)	Action Level (ug/L)	Lead Hazard (Yes/No)
1 Red Bank Charter School	RBCS-1FL-KS-Kitchen Island 2	35.6	15.5	Yes

Action Required:

1. Immediately discontinue using water at the above location exceeding the NJDEP 15.5 ug/L Action Level.
2. Refer to EPA’s “**3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities**” for other short term and long term suggested remediation measures and notification procedures.
3. Schedule a sampling for remediated points. A new first draw sample will then be collected to determine the success or failure of the chosen remediation. If the point is decommissioned permanently, then there is no need for follow-up sampling.

-END OF SECTION-



6.0 DISCLAIMER

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.

No guarantee or warranty of the findings and conclusions is implied within the intent of this report. It is limited to only those items listed in the report and is a snapshot of the conditions existing at the time of the assessment as conditions may vary with time.

WCE assumes no liability with regards to decisions made or the use of any information contained in this report, which is prepared exclusively for and is confidential to the above noted client. These services are designed to provide an analytical tool to assist the client, and 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 'Christopher Piccininni', written in a cursive style.

Christopher Piccininni
Environmental Specialist

-END OF REPORT-

APPENDIX I

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



Results Report

Order ID: 5D06773

Westchester Environmental
1248 Wrights Lane
West Chester, PA 19380

Project: Red Bank Charter
58 Oakland St.
Red Bank, NJ 07701

Attn: Christopher Piccininni

Regulatory ID:

Sample Number: 5D06773-01	Site: RBCS-1FL-KS-Kitchen 1	Sample ID: First 001								
Collector: CMP	Collect Date: 04/18/2025 10:01 am	Sample Type: Grab								
Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By

Metals

Lead < 1.00 µg/L EPA 200.8 1.00 1 04/25/25 JJA 04/30/25 13:47 RPV

Sample Number: 5D06773-02	Site: RBCS-1FL-KS-Kitchen Island 2	Sample ID: First 002								
Collector: CMP	Collect Date: 04/18/2025 10:03 am	Sample Type: Grab								
Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By

Metals

Lead 35.6 µg/L EPA 200.8 1.00 1 04/25/25 JJA 04/30/25 13:49 RPV

Sample Number: 5D06773-03	Site: RBCS-1FL-KS-Kitchen DW 3	Sample ID: First 003								
Collector: CMP	Collect Date: 04/18/2025 10:05 am	Sample Type: Grab								
Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By

Metals

Lead < 1.00 µg/L EPA 200.8 1.00 1 04/25/25 JJA 04/30/25 13:51 RPV

Sample Number: 5D06773-04	Site: RBCS-1FL-KS-Kitchen Ext Door 4	Sample ID: First 004								
Collector: CMP	Collect Date: 04/18/2025 10:07 am	Sample Type: Grab								
Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By

Metals

Lead < 1.00 µg/L EPA 200.8 1.00 1 04/25/25 JJA 04/30/25 13:53 RPV

Sample Number: 5D06773-05	Site: RBCS-1FL-IM-Kitchen	Sample ID: First 005								
Collector: CMP	Collect Date: 04/18/2025 10:09 am	Sample Type: Grab								
Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By

Metals

Lead < 1.00 µg/L EPA 200.8 1.00 1 04/25/25 JJA 04/28/25 13:07 MKS

Report Generated On: 05/05/2025 9:03 am 5D06773
STL_Results Revision #3.0 Effective: 05/29/2024





Sample Number: 5D06773-06	Site: RBCS-1FL-WC-Cafeteria	Sample ID: First 006
Collector: CMP	Collect Date: 04/18/2025 10:11 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
-------------------------------	--------	-------	--------	-----	-----	----	-----------	----	---------------	----

Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00		1	04/25/25	JJA	04/28/25 14:25	MKS
------	--------	------	-----------	------	--	---	----------	-----	----------------	-----

Sample Number: 5D06773-07	Site: RBCS-1FL-NS-Nurse	Sample ID: First 007
Collector: CMP	Collect Date: 04/18/2025 10:13 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
-------------------------------	--------	-------	--------	-----	-----	----	-----------	----	---------------	----

Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00		1	04/25/25	JJA	04/28/25 14:27	MKS
------	--------	------	-----------	------	--	---	----------	-----	----------------	-----

Sample Number: 5D06773-08	Site: RBCS-2FL-S-Classroom 209	Sample ID: First 008
Collector: CMP	Collect Date: 04/18/2025 10:15 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
-------------------------------	--------	-------	--------	-----	-----	----	-----------	----	---------------	----

Metals

Lead	1.83	µg/L	EPA 200.8	1.00		1	04/25/25	JJA	04/28/25 14:29	MKS
------	------	------	-----------	------	--	---	----------	-----	----------------	-----

Sample Number: 5D06773-09	Site: Field Blank	Sample ID: First 009
Collector: CMP	Collect Date: 04/18/2025 10:17 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
-------------------------------	--------	-------	--------	-----	-----	----	-----------	----	---------------	----

Metals

Lead	< 1.00	µg/L	EPA 200.8	1.00		1	04/25/25	JJA	04/28/25 14:31	MKS
------	--------	------	-----------	------	--	---	----------	-----	----------------	-----

Sample Receipt Conditions:

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

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 NELAP 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.

Report Generated On: 05/05/2025 9:03 am 5D06773
STL_Results Revision #3.0 Effective: 05/29/2024





SUBURBAN
TESTING LABS

Reviewed and Released By:

Lauren Ullé
Project Manager I

Report Generated On: 05/05/2025 9:03 am 5D06773
STL_Results Revision #3.0 Effective: 05/29/2024





5D06773
Lauren Ulle



Chain of Custody Record

TAT (Check Or

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

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				58 Oakland St., Red Bank, NJ 07701
Contact Name:	Chris Piccininni	Email:	cpiccininni@westchesterenviromental.com	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 1	04/18/25	10:01 AM	CMP	001	Pb EPA 200.8	1	PW	G	P	H	Kitchen 1
First	RBCS-1FL-KS-Kitchen Island 2	04/18/25	10:03 AM	CMP	002	Pb EPA 200.8	1	PW	G	P	H	Kitchen Island 2
First	RBCS-1FL-KS-Kitchen DW 3	04/18/25	10:05 AM	CMP	003	Pb EPA 200.8	1	PW	G	P	H	Kitchen DW 3
First	RBCS-1FL-FP-Kitchen Ext Door 4	04/18/25	10:07 AM	CMP	004	Pb EPA 200.8	1	PW	G	P	H	Kitchen Ext Door 4
First	RBCS-1FL-IM-Kitchen	04/18/25	10:09 AM	CMP	005	Pb EPA 200.8	1	PW	G	P	H	Kitchen
First	RBCS-1FL-WC-Cafeteria	04/18/25	10:11 AM	CMP	006	Pb EPA 200.8	1	PW	G	P	H	Cafeteria
First	RBCS-1FL-NS-Nurse	04/18/25	10:13 AM	CMP	007	Pb EPA 200.8	1	PW	G	P	H	Nurse
First	RBCS-2FL-S-Classroom 209	04/18/25	10:15 AM	CMP	008	Pb EPA 200.8	1	PW	G	P	H	O/S 2nd Fl Office
	Field Blank	04/18/25	10:17 AM	CMP	009	Pb EPA 200.8	1	PW	G	P	H	Field Blank

Relinquished by: *[Signature]* Date: 4/23/2025
 Time: 8:00
 Received By: *[Signature]* Date: 4-23-25
 Time: 1007 Temp °C: *[Signature]*
 Relinquished by: *[Signature]* Date: 4-23-25
 Time: 1501 Temp °C: *[Signature]*
 Received in Lab By: *[Signature]* Date: 4/23/25
 Time: 2014 Temp °C: 22.50
 Acceptable Y/N

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ COC <i>C</i> Y/N	NPW = Non-Potable Water	P = Plastic
Number of containers match <i>C</i> Y/N	Solid = Raw Sludge, Dewatered Sludge, soil, etc. (reported as mg/l)	G = Glass
All containers intact <i>C</i> Y/N	PW = Potable Water (not for SWDA compliance)	O = Other
Tests within holding times <i>C</i> Y/N	SWDA = Safe Drinking Water Act Potable Sample	Preservative Key
40 ml VOA vials free of headspace? <i>C</i> Y/N	Sample Type Key	H = Sodium Thiosulphate
	G = Grab	A = Ascorbic Acid
	8 HC = 8 Hour Composite	H = HNO3
	R = Raw	C = HCl
	C = Check	S = H2SO4
	S = Special	OH = NaOH
	M = Maximum Residence	NA = None Required

(9) 250ml w/ HNO3 pres mms 4/23/25



Results Report

Order ID: 5D06851

Westchester Environmental
1248 Wrights Lane
West Chester, PA 19380

Project: Red Bank Charter
58 Oakland St
Red Bank, NJ 07701

Attn: Christopher Piccininni

Regulatory ID:

Sample Number: 5D06851-02
Collector: CMP

Site: RBCS-1FL-KS-KITCHEN ISLAND 2-F
Collect Date: 04/23/2025 10:04 am

Sample ID: Flush
Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
-------------------------------	--------	-------	--------	-----	-----	----	-----------	----	---------------	----

Metals

Lead	1.05	µg/L	EPA 200.8	1.00		1	05/08/25	JJA	05/09/25 16:06	RPV
------	------	------	-----------	------	--	---	----------	-----	----------------	-----

Sample Receipt Conditions:

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

Laboratory Accreditations:

Suburban Testing Labs - Reading

Regulatory Authority	Program	Certification ID	Expires
US EPA	Federal	PA00072	N/A
New Jersey DEP	NELAP	PA081	06/30/2025
Pennsylvania DEP	NELAP	06-00208	09/30/2025
Texas CEQ	NELAP	T10474585	03/31/2026
Delaware ODW	State	N/A	09/30/2025
Maryland DE	State	347	12/31/2025

All analyses were performed at Suburban Testing Labs - Reading unless otherwise noted.

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 NELAP 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.

Report Generated On: 05/13/2025 10:56 am

5D06851

STL_Results Revision #4.0

Effective: 05/12/2025





SUBURBAN
TESTING LABS

Reviewed and Released By:

Paige Seitz
Associate Project Manager

Paige Seitz

Report Generated On: 05/13/2025 10:56 am 5D06851
STL_Results Revision #4.0 Effective: 05/12/2025



