



**ATLANTIC HIGHLANDS SCHOOLS  
LEAD IN DRINKING WATER  
FIRST & FLUSH DRAW SAMPLING REPORT**

*PERFORMED FOR:*

**ATLANTIC HIGHLANDS SCHOOLS  
140 FIRST AVENUE  
ATLANTIC HIGHLANDS NJ 07716**

*PERFORMED BY:*

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

JUNE 2022



June 3, 2022

Ms. Christine Burke  
Atlantic Highlands Schools  
140 First Avenue  
Atlantic Highlands, NJ 07716

**Re: FIRST & FLUSH DRAW LEAD IN DRINKING WATER REPORT**

Dear Ms. Burke;

Please find enclosed the report for the Lead in Drinking Water First & Flush Draw Sampling conducted for Atlantic Highlands Schools.

If you have any questions, please don't hesitate to 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



# TABLE OF CONTENTS

## ATLANTIC HIGHLANDS SCHOOLS

1.0	INTRODUCTION.....	1
2.0	SUMMARY OF FINDINGS.....	2
3.0	SAMPLING AND ANALYSES.....	3
4.0	DISCUSSION & RECOMMENDATIONS.....	4
5.0	DISCLAIMER.....	5

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



## 1.0 INTRODUCTION

Westchester Environmental, LLC was contracted by Ms. Christine Burke to conduct Drinking Water Sampling at the Atlantic Highlands Schools.

The purpose of the sampling was to collect first draw and flush draw drinking water samples at predetermined locations in the facility and have them analyzed for lead levels.

The water sampling was performed on April 15, 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: Atlantic Highlands School

	Location Code	Result (ppb)	Action Level (ppb)	Lead Hazard (Yes/No)
1	AHE-GFL-B-O/S Rm 3	2.96	15.5	No
2	AHE-GFL-B-O/S Rm 13	1.06	15.5	No
3	AHE-GFL-B-O/S Rm 9	11.3	15.5	No
4	AHE-GFL-BF-Cafeteria	<1.00	15.5	No
5	AHE-GFL-KS-Kitchen 1	1.19	15.5	No
6	AHE-GFL-KS-Kitchen 2	2.89	15.5	No
7	AHE-GFL-KS-Kitchen 3	1.67	15.5	No
8	AHE-GFL-KS-Kitchen 4	2.40	15.5	No
9	AHE-GFL-KS-Kitchen 5	3.24	15.5	No
10	AHE-2FL-B-O/S Rm 207	2.83	15.5	No
11	AHE-2FL-S-Rm 211	<1.00	15.5	No
12	AHE-2FL-B-O/S 202	<1.00	15.5	No
13	AHE-1FL-B-O/S 110	18.8	15.5	Yes
14	AHE-1FL-S-Rm 107	2.03	15.5	No
15	AHE-1FL-S-Nurse	3.92	15.5	No
16	AHE-1FL-B-O/S 105	<1.00	15.5	No
17	AHE-1FL-S-Rm 104	1.14	15.5	No
18	AHE-1FL-B-O/S 117	4.00	15.5	No

In instances where the first draw exceeded the action level, the corresponding flush draw sample was activated for analysis. Table 2 compares the result of the flush sample to its corresponding first draw sample and also compares the FLUSH samples against the lead action limit. Those samples that exceeded the lead action limit are yellow highlighted in these tables.

Table 2: Atlantic Highland School

	Location Code	First Draw Result (ppb)	Flush Draw Result (ppb)	Action Level (ppb)
13	AHE-1FL-B-O/S 110	18.8	<1.00	15.5

-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".

Eighteen (18) first draw and flush draw samples were collected. All first draw samples were analyzed. Flush samples were held by the lab pending first draw results and then activated for locations with first draw exceedances.

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 laboratory analysis of the samples analyzed, one (1) first draw sample exceeded the action limit. The corresponding flush sample fell below the action limit.

### **Immediate / Short Term Action Required:**

1. Immediately discontinue using water at locations where the first draw sample exceeded the NJDEP 15.5 ppb 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.
2. Refer to EPA's "**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.

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

A handwritten signature in black ink, appearing to read 'Noel Abraham', followed by a horizontal line.

Noel Abraham  
Environmental Specialist

*-END OF REPORT-*



## **APPENDIX I**

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



### Results Report

Order ID: 2D04147

Westchester Environmental  
1248 Wrights Lane  
West Chester, PA 19380

Project: Atlantic Highlands School-Elementary  
140 First Avenue  
Atlantic Highway, NJ 07716

Attn: Noel Abraham

Regulatory ID:

Sample Number: 2D04147-01  
Collector: NPA

Site: AHE-GFL-B-O/S Rm 3  
Collect Date: 04/15/2022 10:30 am

Sample ID:  
Sample Type: Grab

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

Metals

Lead 2.96 µg/L EPA 200.8 1.00 1 04/27/22 MKR 04/27/22 15:43 MKS

Sample Number: 2D04147-02  
Collector: NPA

Site: AHE-GFL-B-O/S Rm 13  
Collect Date: 04/15/2022 10:31 am

Sample ID:  
Sample Type: Grab

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

Metals

Lead 1.06 µg/L EPA 200.8 1.00 1 04/27/22 MKR 04/27/22 15:45 MKS

Sample Number: 2D04147-03  
Collector: NPA

Site: AHE-GFL-B-O/S Rm 9  
Collect Date: 04/15/2022 10:32 am

Sample ID:  
Sample Type: Grab

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

Metals

Lead 11.3 µg/L EPA 200.8 1.00 1 04/27/22 MKR 04/27/22 15:48 MKS

Sample Number: 2D04147-04  
Collector: NPA

Site: AHE-GFL-BF-Cafeteria  
Collect Date: 04/15/2022 10:33 am

Sample ID:  
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 04/27/22 MKR 04/27/22 15:55 MKS

Sample Number: 2D04147-05  
Collector: NPA

Site: AHE-GFL-KS-Kitchen 1  
Collect Date: 04/15/2022 10:34 am

Sample ID:  
Sample Type: Grab

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

Metals

Lead 1.19 µg/L EPA 200.8 1.00 1 04/27/22 MKR 04/27/22 15:57 MKS

Report Generated On: 05/09/2022 9:17 am 2D04147

STL\_Results Revision #2.0 Effective: 04/20/2022





Sample Number: 2D04147-06	Site: AHE-GFL-KS-Kitchen 2	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:35 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	2.89	µg/L	EPA 200.8	1.00	1	04/27/22	MKR	04/27/22 16:00	MKS

Sample Number: 2D04147-07	Site: AHE-GFL-KS-Kitchen 3	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:36 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	1.67	µg/L	EPA 200.8	1.00	1	04/27/22	MKR	04/27/22 16:02	MKS

Sample Number: 2D04147-08	Site: AHE-GFL-KS-Kitchen 4	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:37 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	2.40	µg/L	EPA 200.8	1.00	1	04/27/22	MKR	04/27/22 16:09	MKS

Sample Number: 2D04147-09	Site: AHE-GFL-KS-Kitchen 5	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:38 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	3.24	µg/L	EPA 200.8	1.00	1	04/27/22	MKR	04/27/22 15:50	MKS

Sample Number: 2D04147-10	Site: AHE-2FL-B-O/S Rm 207	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:39 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	2.83	µg/L	EPA 200.8	1.00	1	04/27/22	MKR	04/27/22 15:53	MKS

Sample Number: 2D04147-11	Site: AHE-2FL-S-Rm 211	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:40 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	< 1.00	µg/L	EPA 200.8	1.00	1	04/27/22	MKR	04/27/22 16:17	MKS

Report Generated On: 05/09/2022 9:17 am      2D04147  
 STL\_Results Revision #2.0      Effective: 04/20/2022





Sample Number: 2D04147-12	Site: AHE-2FL-B-O/S 202	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:41 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	< 1.00	µg/L	EPA 200.8	1.00	1	04/27/22	MKR	04/27/22 16:19	MKS

Sample Number: 2D04147-13	Site: AHE-1FL-B-O/S 110	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:42 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	18.8	µg/L	EPA 200.8	1.00	1	04/27/22	MKR	04/27/22 16:21	MKS

Sample Number: 2D04147-14	Site: AHE-1FL-S-Rm 107	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:43 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	2.03	µg/L	EPA 200.8	1.00	1	04/27/22	MKR	04/27/22 16:11	MKS

Sample Number: 2D04147-15	Site: AHE-1FL-S-Nurse	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:44 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	3.92	µg/L	EPA 200.8	1.00	1	04/27/22	MKR	04/27/22 16:14	MKS

Sample Number: 2D04147-16	Site: AHE-1FL-B-O/S 105	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:45 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	< 1.00	µg/L	EPA 200.8	1.00	1	04/27/22	MKR	04/27/22 11:22	MKS

Sample Number: 2D04147-17	Site: AHE-1FL-S-Rm 104	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:46 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	1.14	µg/L	EPA 200.8	1.00	1	04/27/22	RPV	04/27/22 15:19	MKS

Report Generated On: 05/09/2022 9:17 am      2D04147  
 STL\_Results Revision #2.0      Effective: 04/20/2022





Sample Number: 2D04147-18	Site: AHE-1FL-B-O/S 117	Sample ID:
Collector: NPA	Collect Date: 04/15/2022 10:47 am	Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
<u>Metals</u>									
Lead	4.00	µg/L	EPA 200.8	1.00	1	04/27/22	RPV	04/27/22 15:21	MKS

**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: 05/09/2022 9:17 am 2D04147  
STL\_Results Revision #2.0 Effective: 04/20/2022





2D04147  
Lisa F. Care



### Chain of Custody Record

TAT (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:	Atlantic Highlands Schools
Address:	1248 Wrights Lane	Phone:	610-431-7545	Address:	Atlantic Highlands Elementary
	West Chester, PA 19380	Email:	nabraham@westchesterenviromental.com		140 First Ave, Atlantic Highlands, NJ 07716
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	AHE-GFL-B-O/S Rm 3	04/15/22	10:30 AM	NPA	001	Pb EPA 200.8	1	PW	G	P	H	O/S Rm 3
First	AHE-GFL-B-O/S Rm 13	04/15/22	10:31 AM	NPA	002	Pb EPA 200.8	1	PW	G	P	H	O/S Rm 13
First	AHE-GFL-B-O/S Rm 9	04/15/22	10:32 AM	NPA	003	Pb EPA 200.8	1	PW	G	P	H	O/S Rm 9
First	AHE-GFL-BF-Cafeteria	04/15/22	10:33 AM	NPA	004	Pb EPA 200.8	1	PW	G	P	H	Cafeteria
First	AHE-GFL-KS-Kitchen 1	04/15/22	10:34 AM	NPA	005	Pb EPA 200.8	1	PW	G	P	H	Kitchen 1
First	AHE-GFL-KS-Kitchen 2	04/15/22	10:35 AM	NPA	006	Pb EPA 200.8	1	PW	G	P	H	Kitchen 2
First	AHE-GFL-KS-Kitchen 3	04/15/22	10:36 AM	NPA	007	Pb EPA 200.8	1	PW	G	P	H	Kitchen 3
First	AHE-GFL-KS-Kitchen 4	04/15/22	10:37 AM	NPA	008	Pb EPA 200.8	1	PW	G	P	H	Kitchen 4
First	AHE-GFL-KS-Kitchen 5	04/15/22	10:38 AM	NPA	009	Pb EPA 200.8	1	PW	G	P	H	Kitchen 5
First	AHE-2FL-B-O/S Rm 207	04/15/22	10:39 AM	NPA	010	Pb EPA 200.8	1	PW	G	P	H	O/S Rm 207

Relinquished by: Date: 4/18/2022  
 Time: 7:00  
 Received By: Date: 4/18/22 Temp °C: 18°C  
 Time: 1:20  
 Relinquished by: Date: 4/18/22 Temp °C: 18°C  
 Time: 16:50  
 Received in Lab By: Date: 4-18-22 Temp °C: 18°C  
 Time: 16:30

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ CGC <input checked="" type="checkbox"/>	NPW = Non-Potable Water	P = Plastic
Reservoir or containers match number on CDR? <input checked="" type="checkbox"/>	Sludg = Raw Sludge, Dewatered Sludge, etc. (reported as mg/l) (not for SWDA compliance)	G = Glass
All containers intact <input checked="" type="checkbox"/>	PW = Potable Water (not for SWDA compliance)	O = Other
Tests within holding times <input checked="" type="checkbox"/>	SWDA = Safe Drinking Water Act Potable Sample	Preservative Key
40 ml VOA vials free of headspace? <input checked="" type="checkbox"/>	Sample Type Key: G = Grab, 8 HC = 8 Hour Composite, 24 HC = 24 Hour Composite	H = Sodium Thiosulfate A = Ascorbic Acid C = HCl H <sub>2</sub> SO <sub>4</sub> O = Other None Required
	SWDA Sample Type: D = Distribution, E = Entry Point, R = Raw, C = Check, S = Special, M = Maximum Residence	A = Ascorbic Acid H = HNO <sub>3</sub> S = OH = NaOH NA =

(10) 250 mL P HNO<sub>3</sub>



2D04147  
Lisa F. Care



### Chain of Custody Record


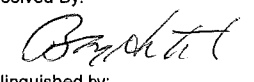
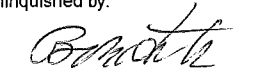
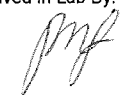
TAT (Check One) Standard 24hr 48hr 72hr Other

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

Client Name:	<b>Westchester Environmental LLC.</b>			Project Name:	Atlantic Highlands Schools
Address:	<b>1248 Wrights Lane</b>	Phone:	<b>610-431-7545</b>	Address:	Atlantic Highlands Elementary
	<b>West Chester, PA 19380</b>	Email:	nabraham@westchesterenviromental.com		140 First Ave, Atlantic Highlands, NJ 07716
Contact Name:	<b>Noel Abraham</b>			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	AHE-2FL-S-Rm 211	04/15/22	10:40 AM	NPA	011	Pb EPA 200.8	1	PW	G	P	H	Rm 211
First	AHE-2FL-B-O/S 202	04/15/22	10:41 AM	NPA	012	Pb EPA 200.8	1	PW	G	P	H	O/S 202
First	AHE-1FL-B-O/S 110	04/15/22	10:42 AM	NPA	013	Pb EPA 200.8	1	PW	G	P	H	O/S 110
First	AHE-1FL-S-Rm 107	04/15/22	10:43 AM	NPA	014	Pb EPA 200.8	1	PW	G	P	H	Rm 107
First	AHE-1FL-S-Nurse	04/15/22	10:44 AM	NPA	015	Pb EPA 200.8	1	PW	G	P	H	Nurse
First	AHE-1FL-B-O/S 105	04/15/22	10:45 AM	NPA	016	Pb EPA 200.8	1	PW	G	P	H	O/S 105
First	AHE-1FL-S-Rm 104	04/15/22	10:46 AM	NPA	017	Pb EPA 200.8	1	PW	G	P	H	Rm 104
First	AHE-1FL-B-O/S 117	04/15/22	10:47 AM	NPA	018	Pb EPA 200.8	1	PW	G	P	H	O/S 117

Relinquished by:  Date: 4/18/2022  
 Received by:  Time: 7:00  
 Date: 4/18/22 Temp °C: 18°C  
 Time: 11:20 Acceptable  N  
 Relinquished by:  Date: 4/18/22  
 Time: 16:50 Temp °C: 18°C  
 Time: 16:50 Acceptable  N  
 Received in Lab By:  Date: 4/18/22 Temp °C: 18°C  
 Time: 16:30 Acceptable  N

Sample Conditions	Matrix Key	Bottle Type Key
Identified w/ COC <input checked="" type="checkbox"/> Y/N	NPW = Non-Potable Water	P = Plastic
Returned to container within 30 min <input checked="" type="checkbox"/> Y/N	Solid = Run Storage, Dissolved (Storage, etc. reported as req'd)	G = Glass
All containers intact <input checked="" type="checkbox"/> Y/N	PW = Potable Water (not for SWDA compliance)	Other
Peak within holding times <input checked="" type="checkbox"/> Y/N	SWDA = Safe Drinking Water Act Potable Sample	Preservative Key
40 ml VOA vials free of headspace? <input checked="" type="checkbox"/> Y/N	Sample Type Key	H = Sodium Thiosulfate
	G = Grab	A = Ascorbic Acid
	8 HC = 8 Hour Composite	H = HNO3
	24 HC = 24 Hour Composite	C = HCl
		S = NaOH
		OH = NaOH
		None
		Required
		HA =

(8) 250 mL P HNO3



### Results Report

Order ID: 2D04192

Westchester Environmental  
1248 Wrights Lane  
West Chester, PA 19380

Project: Atlantic Highlands School  
140 First Avenue  
Atlantic Highway, NJ 07716

Attn: Noel Abraham

Regulatory ID:

Sample Number: 2D04192-13  
Collector: NPA

Site: AHE-1FL-B-O/S 110-F  
Collect Date: 04/15/2022 10:42 am

Sample ID:  
Sample Type: Grab

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

Metals

Lead	< 1.00	P	µg/L	EPA 200.8	1.00	1	05/26/22	RPV	05/26/22 13:34	RPV
------	--------	---	------	-----------	------	---	----------	-----	----------------	-----

**Data Qualifiers:**

P Preservation for this analysis did not meet regulatory or method requirements.

**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: 05/27/2022 2:08 pm 2D04192  
STL\_Results Revision #2.0 Effective: 04/20/2022







2D04192  
Lisa F. Care



### Chain of Custody Record

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

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

1401 J

Client Name:	Westchester Environmental LLC.			Project Name:	Atlantic Highlands Schools
Address:	1248 Wrights Lane	Phone:	610-431-7545	Address:	Atlantic Highlands Elementary
	West Chester, PA 19380	Email:	nabraham@westchesterenviromental.com		140 First Ave, Atlantic Highlands, NJ 07716
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
Flush	AHE-GFL-B-O/S Rm 3-F	04/15/22	10:30 AM	NPA	001	Pb EPA 200.8	1	PW	G	P	H	O/S Rm 3
Flush	AHE-GFL-B-O/S Rm 13-F	04/15/22	10:31 AM	NPA	002	Pb EPA 200.8	1	PW	G	P	H	O/S Rm 13
Flush	AHE-GFL-B-O/S Rm 9-F	04/15/22	10:32 AM	NPA	003	Pb EPA 200.8	1	PW	G	P	H	O/S Rm 9
Flush	AHE-GFL-BF-Cafeteria-F	04/15/22	10:33 AM	NPA	004	Pb EPA 200.8	1	PW	G	P	H	Cafeteria
Flush	AHE-GFL-KS-Kitchen 1-F	04/15/22	10:34 AM	NPA	005	Pb EPA 200.8	1	PW	G	P	H	Kitchen 1
Flush	AHE-GFL-KS-Kitchen 2-F	04/15/22	10:35 AM	NPA	006	Pb EPA 200.8	1	PW	G	P	H	Kitchen 2
Flush	AHE-GFL-KS-Kitchen 3-F	04/15/22	10:36 AM	NPA	007	Pb EPA 200.8	1	PW	G	P	H	Kitchen 3
Flush	AHE-GFL-KS-Kitchen 4-F	04/15/22	10:37 AM	NPA	008	Pb EPA 200.8	1	PW	G	P	H	Kitchen 4
Flush	AHE-GFL-KS-Kitchen 5-F	04/15/22	10:38 AM	NPA	009	Pb EPA 200.8	1	PW	G	P	H	Kitchen 5
Flush	AHE-2FL-B-O/S Rm 207-F	04/15/22	10:39 AM	NPA	010	Pb EPA 200.8	1	PW	G	P	H	O/S Rm 207

Relinquished by:

Date: 4/18/2022

Time: 7:00

Received By:

Date: 4/18/22 Temp °C: 18°C

Time: 1120 Acceptable (Y) N

Relinquished by:

Date: 4/18/22 Temp °C: 18°C

Time: 1630 Acceptable (Y) N

Received in Lab By:

Date: 4-18-22 Temp °C: 18°C

Time: 1630 Acceptable (Y) N

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ CDC <input checked="" type="checkbox"/> N	NFW = Non-Potable Water	P = Plastic
Residual or containers match (see lab CCR) <input checked="" type="checkbox"/> N	Solid = Raw Sludge, Disturbed Sludge, soil, etc. (reported as req'd)	G = Glass
All containers intact <input checked="" type="checkbox"/> N	PW = Potable Water (see for SWDA compliance)	Q = Other
Tests within holding time <input checked="" type="checkbox"/> N	SWDA = Safe Drinking Water Act Potable Sample	Preservative Key
40 ml. VOA date free of headspace? <input checked="" type="checkbox"/> N	Sample Type Key / SWDA Sample Type	H = Sodium Thiosulfate Acid A = Ascorbic H = HNO3
	G = Grab BHC = 8 Hour Composite 24 HC = 24 Hour Composite	C = HCl H2SO4 D = Distur
	D = Distributor F = Every Point I = Flow C = Check S = Special M = Maximum Residence	S = OH = NaOH NA = None Required

(10) 250 mL P HNO3



2D04192  
Lisa F. Care



TESTING LABS

### Chain of Custody Record

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

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

Other  
1 day

Client Name:	Westchester Environmental LLC.			Project Name:	Atlantic Highlands Schools		
Address:	1248 Wrights Lane	Phone:	610-431-7545	Address:	Atlantic Highlands Elementary		
	West Chester, PA 19380	Email:	nabraham@westchesterenvironmental.com	Payment / P.O. Info:	140 First Ave, Atlantic Highlands, NJ 07716		
Contact Name:	Noel Abraham						

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
Flush	AHE-2FL-S-Rm 211-F	04/15/22	10:40 AM	NPA	011	Pb EPA 200.8	1	PW	G	P	H	Rm 211
Flush	AHE-2FL-B-O/S 202-F	04/15/22	10:41 AM	NPA	012	Pb EPA 200.8	1	PW	G	P	H	O/S 202
Flush	AHE-1FL-B-O/S 110-F	04/15/22	10:42 AM	NPA	013	Pb EPA 200.8	1	PW	G	P	H	O/S 110
Flush	AHE-1FL-S-Rm 107-F	04/15/22	10:43 AM	NPA	014	Pb EPA 200.8	1	PW	G	P	H	Rm 107
Flush	AHE-1FL-S-Nurse-F	04/15/22	10:44 AM	NPA	015	Pb EPA 200.8	1	PW	G	P	H	Nurse
Flush	AHE-1FL-B-O/S 105-F	04/15/22	10:45 AM	NPA	016	Pb EPA 200.8	1	PW	G	P	H	O/S 105
Flush	AHE-1FL-S-Rm 104-F	04/15/22	10:46 AM	NPA	017	Pb EPA 200.8	1	PW	G	P	H	Rm 104
Flush	AHE-1FL-B-O/S 117-F	04/15/22	10:47 AM	NPA	018	Pb EPA 200.8	1	PW	G	P	H	O/S 117

Relinquished by:

Received By:

Relinquished by:

Received in Lab By:

Date: 4/18/2022  
 Time: 7:00  
 Date: 4/18/22  
 Time: 1120  
 Temp °C: 18°C  
 Acceptable  N  
 Date: 4/18/22  
 Time: 1630  
 Temp °C: 18°C  
 Acceptable  N  
 Date: 4/18/22  
 Time: 1630  
 Temp °C: 18°C  
 Acceptable  N

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ CDC <input checked="" type="checkbox"/> N	NPW = Non-Potable Water	P = Plastic
Submitted w/ containers match <input checked="" type="checkbox"/> N	Solid = Raw Sludge (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 time <input checked="" type="checkbox"/> N	SWDA = Safe Drinking Water Act	<b>Preservative Key</b>
40 ml VOA vials free of headspace? <input checked="" type="checkbox"/> N	Potable Sample	H = Sodium Hydroxide
	<b>Sample Type Key</b>	A = Ascorbic Acid
	G = Grab	H = HNO3
	8 HC = 8 Hour Composite	C = HCl
	E = Entry Point	H2SO4
	R = Raw	Cl = Other
	C = Check	None Requested
	S = Special	
	M = Maximum Residence	

(8) 250 mL P HNO3