

LEAD IN DRINKING WATER ROCKAWAY BOROUGH SCHOOL DISTRICT POST-REMEDIATION SAMPLING REPORT

PERFORMED FOR: ROCKAWAY BOROUGH SCHOOL DISTRICT 103 EAST MAIN STREET ROCKAWAY, NJ 07886

PERFORMED BY:

WESTCHESTER ENVIRONMENTAL LLC 1248 WRIGHTS LANE WEST CHESTER, PA 19380

FEBRUARY 2018



February 27, 2018

Mr. Michael Klein Rockaway Borough School District 103 East Main Street Rockaway, NJ 07866

Re: POST-REMEDIATION LEAD IN DRINKING WATER REPORT

Dear Mr. Klein;

Please find enclosed the report for the Lead in Drinking Water Post-Remediation sampling conducted for the Rockaway Borough School District.

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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ROCKAWAY BOROUGH SCHOOL DISTRICT

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1.0 INTRODUCTION

Westchester Environmental, LLC was contracted to conduct Post-Remediation Water Sampling for Lead at the Rockaway Borough School District.

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 February 8, 2018 by Noel Abraham of Westchester Environmental, LLC.

All samples were analyzed by Suburban Testing Labs located at 1037F 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 and 2 below show the concentration of lead (parts per billion or microgram per liter) at each location sampled.

	Courselo Neuroleou	Le cetter.	First Draw Result	Action Level	Over Limit
	Sample Number	Location	ppb	ppb	Yes/No
1	RLES-LFL-S-B-7	B-7	32	15.5	Yes
2	RLES-LFL-S-B-4 -1	B-4-1	19.1	15.5	Yes
3	RLES-MFL-S-CR110 -1	CR110-1	14.2	15.5	No
4	RLES-MFL-DW-CR110	CR110	22.2	15.5	Yes
5	RLES-MFL-S-Principal's Office	Principal's Office	32.9	15.5	Yes
6	RLES-MFL-S-Boy's Rm -1	Boy's Rm-1	11.8	15.5	No
7	RLES-2FL-S-Girl's Rm -4	Girl's Rm-4	24.3	15.5	Yes
8	RLES-2FL-S-Girl's Rm -5	Girl's Rm-5	34.9	15.5	Yes
9	RLES-2FL-S-Boy's Rm -5	Boy's Rm-5	104	15.5	Yes

Table 1	Lincoln	Elementary	School
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	Sample Number	Location	First Draw Result	Action Level	Over Limit
	Sample Number	Location	ppb	ppb	Yes/No
1	RJMS-1FL-S-Principals Office 1	Principal's Office	10.2	15.5	No
2	RJMS-1FL-S-Home EC Lab 1	Home Ec Lab	14.1	15.5	No
3	RJMS-1FL-S-Home EC Lab 3	Home Ec Lab	52.6	15.5	Yes
4	RJMS-1FL-S-Prep Rm-2	Prep Rm 2	48.9	15.5	Yes
5	RJMS-1FL-S-Science Rm 2	Science Rm	31.4	15.5	Yes
6	RJMS-1FL-S-Science Rm 5	Science Rm	34.3	15.5	Yes
7	RJMS-1FL-S-Science Rm 7	Science Rm	29.7	15.5	Yes
8	RJMS-1FL-S- Girls Locker Rm	Girls Locker Rm	47.7	15.5	Yes
9	RJMS-1FL-S-Boys Locker Rm	Boys Locker Rm	37.6	15.5	Yes
10	RJMS-1FL-S-Art Rm 1	Art Rm	17.7	15.5	Yes
11	RJMS-1FL-S-Kitchen 1	Kitchen	12.6	15.5	No
12	RJMS-1FL-S-Kitchen 2	Kitchen	8.35	15.5	No
13	RJMS-2FL-S-CR 101	CR 101	21.8	15.5	Yes
14	RJMS-1 FL-S-CR 102	CR 102	15.6	15.5	Yes
15	RJMS-1FL-S-Library	Library	29.2	15.5	Yes
16	RJMS-1FL-S-Girls Rm 1	Girls Rm 1	21	15.5	Yes
17	RJMS-1FL-S-CR 105	CR 105	51.9	15.5	Yes
18	RJMS-1FL-S-CR 117	CR 117	56.8	15.5	Yes
19	RJMS-1FL-S-CR-106	CR 106	438	15.5	Yes
20	RJMS-1FL-S-CR 116	CR 116	23.4	15.5	Yes
21	RJMS-1FL-S-CR 107	CR 107	50.4	15.5	Yes
22	RJMS-1FL-S-CR 108	CR 108	339	15.5	Yes
23	RJMS-1FL-S-CR 115	CR 115	51.7	15.5	Yes
24	RJMS-1FL-S-CR 114	CR 114	50.5	15.5	Yes
25	RJMS-1FL-S-CR 109	CR 109	89.1	15.5	Yes
26	RJMS-1-FL-S-CR 113	CR 113	65.2	15.5	Yes
27	RJMS-1FL-S-CR 110	CR 110	35.5	15.5	Yes
28	RJMS-1FL-S-CR 112	CR 112	28.5	15.5	Yes
29	RJMS-1FL-S-CR 111	CR 111	39.9	15.5	Yes

Table 2 Thomas Jefferson Middle School

-END OF SECTION-

Post-Remediation Lead in Drinking Water Sampling Report

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3.0 SAMPLING AND ANALYSES

The following guidance documents were followed for all sampling:

- 1. The EPA's Revised Technical Guidance "3Ts for Reduced Lead in Drinking Water in Schools"
- 2. The 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".
- 3. N.J.A.C. 6A:26 Educational Facilities drinking water regulations.
- 4. The districts Sampling Plan and QAPP.

Thirty eight (38) first draw samples were collected and analyzed after remediation at locations where first draw or flush draw samples were reported to contain lead above the action level of 15.5 parts per billion (ppb). One field blank per building was collected.

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"

Based on laboratory analysis of the samples analyzed, six samples fell below the action limit. The remediation was successful in lowering in the lead concentration below the action limit at those fixtures. Thirty two samples did not fall below the action limit, and further remediation is necessary.

The type of samples collected for this assessment is 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



Order ID: 8023104

Westchester Environmental 1248 Wrights Lane West Chester, PA 19380		Project: Rockaway Borough, NJ SD - Lincoln ES 37 Keller Avenue Rockaway, NJ 07866							
Attn: Westchester Environmental		Regula	atory ID:						
Sample Number: 8023104-01 Collector: NPA		Site: Blank Collect Date: 02/08/2018	6:51 am		ample I ample 1		lank		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals Lead	< 1.00	µg/L	EPA 200.8	1.00	1	02/16/18	RPV	02/22/18 13:11	RPV
Sample Number: 8023104-02 Collector: NPA		Site: B-7 Collect Date: 02/08/2018	6:52 am		ample II ample T		LFL-S-E	3-7	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	32.0	µg/L	EPA 200.8	1.00	1	02/16/18	RPV	02/22/18 13:05	RPV
Sample Number: 8023104-03 Collector: NPA		Site: B-4-1 Collect Date: 02/08/2018	6:53 am		ample II ample 1		LFL-S-E	8-4-1	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	19.1	µg/L	EPA 200.8	1.00	1	02/16/18	RPV	02/22/18 13:12	RPV
Sample Number: 8023104-04 Collector: NPA		Site: CR110-1 Collect Date: 02/08/2018	6:54 am		ample I ample 1		MFL-S-	CR110-1	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	14.2	μg/L	EPA 200.8	1.00	1	02/16/18	RPV	02/22/18 13:14	RPV
Sample Number: 8023104-05 Collector: NPA		Site: CR110 Collect Date: 02/08/2018	6:55 am		ample I ample 1		MFL-DV	V-CR110	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	22.2	µg/L	EPA 200.8	1.00	1	02/16/18	RPV	02/22/18 13:16	RPV

Report Generated On: 02/22/2018 3:21 pm STL_Results Revision #1.6

8023104 Effective: 07/09/2014



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Sample Number: 8023104-06 Collector: NPA		Site: Principal's Office Collect Date: 02/08/2018	8 6:56 am		mple II Imple T		MFL-S-	Principal's Office	!
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	32.9	µg/L	EPA 200.8	1.00	1	02/16/18	RPV	02/22/18 13:18	RPV
Sample Number: 8023104-07 Collector: NPA		Site: Boy's Rm-1 Collect Date: 02/08/201	8 6:57 am		mple II Imple T		MFL-S-	Boy's Rm-1	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	11.8	µg/L	EPA 200.8	1.00	1	02/16/18	RPV	02/22/18 13:24	RPV
Sample Number: 8023104-08 Collector: NPA		Site: Girl's Rm-4 Collect Date: 02/08/2018	8 6:58 am		mple II Imple T		2FL-S-C	Girl's Rm-4	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	24.3	µg/L	EPA 200.8	1.00	1	02/16/18	RPV	02/22/18 13:26	RPV
Sample Number: 8023104-09 Collector: NPA		Site: Girl's Rm-5 Collect Date: 02/08/2018	8 6:59 am		mple II Imple T		2FL-S-C	Girl's Rm-5	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	34.9	μg/L	EPA 200.8	1.00	1	02/16/18	RPV	02/22/18 13:28	RPV
Sample Number: 8023104-10 Collector: NPA		Site: Boy's Rm-5 Collect Date: 02/08/2018	8 7:00 am		mple II Imple T		2FL-S-E	Boy's Rm-5	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	104	µg/L	EPA 200.8	1.00	1	02/16/18	RPV	02/22/18 13:30	RPV
Sample Number: 8023104-11 Collector:		Site: Laboratory Control Collect Date: 02/15/2018			mple II Imple T				
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead									

Report Generated On: 02/22/2018 3:21 pm STL_Results Revision #1.6

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Sample Number: 8023104-12 Collector:		Site: Laboratory Control Collect Date: 02/15/201		ample II ample T					
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	15.1	µg/L	EPA 200.8	1.00	1	02/16/18	RPV	02/22/18 13:34	RPV

Sample Receipt Conditions:

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

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

Alara M. Kopico





1037F MacArthur Road, Reading, PA 19605 Phone: 800-433-6595





Alana Kopicz

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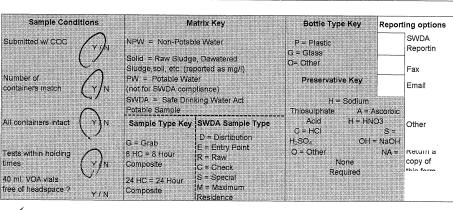
Chain of C 1037F MacAi

610-375-TEST - Fax: 610-3,

Client I	Name: Westchester En	vironment	al LLC.				Project Name:	Rockaw	ay Boro	ugh Sc	hool Di	sctrict	
Addres	s: 307 N. Walnut St	treet		Phone:	610-883-3	3839	Address:	Lincoln					
	West Chester, P	A 19380		Emails	nabraham@west	chesterenv	-	37 Kelle	er Ave, R	ockaw	ay, NJ (07866	
Contac	t Name: Noel Abraham			Email:	ironmental	.com	Payment / P.O. Info:				·······		
Comm	ents:												
Flush / First Draw	Sample Description / Site ID.	Date Sampled	Time Sampled	Samplers Initials	Westchester Field Sample #	Те	ests Requested	Bottle Quantity	Matrix	Sample Types	Bottle Type	Preservative	Location Code
. ,	Blank	02/08/18	06:51 AM	NPA	001	Pl	DEPA 200.8	1	PW	G	Р	Н	Field Blank
irst raw	B-7	02/08/18	06:52 AM	NPA	002	Pt	DEPA 200.8	1	PW	G	Р	н	RLES-LFL-S-B-7
First Draw	B-4-1	02/08/18	06:53 AM	NPA	003	Pł	DEPA 200.8	1	PW	G	Р	н	RLES-LFL-S-B-4 -1
irst Iraw	CR110-1	02/08/18	06:54 AM	NPA	004	Pł	EPA 200.8	1	PW	G	Р	н	RLES-MFL-S-CR110-1
irst)raw	CR110	02/08/18	06:55 AM	NPA	005	Pt	EPA 200.8	1	PW	G	Р	Н	RLES-MFL-DW-CR110
	Principal's Office	02/08/18	06:56 AM	NPA	006	Pt	EPA 200.8	1	PW	G	Р	Н	RLES-MFL-S-Principal's Office
irst raw	Boy's Rm-1	02/08/18	06:57 AM	NPA	007	Pt	EPA 200.8	1	PW	G	Р	Н	RLES-MFL-S-Boy's Rm -1
irst Draw	Girl's Rm-4	02/08/18	06:58 AM	NPA	008	Pk	EPA 200.8	1	PW	G	Ρ	Н	RLES-2FL-S-Girl's Rm -4
irst Draw	Girl's Rm-5	02/08/18	06:59 AM	NPA	009	Pk	EPA 200.8	1	PW	G	Р	Н	RLES-2FL-S-Girl's Rm -5
First Draw	Boy's Rm-5	02/08/18	07:00 AM	NPA	010	Pk	EPA 200.8	1	PW	G	Ρ	H	RLES-2FL-S-Boy's Rm -5

Relinquished by Received By (O)Relinguished by: 600 Ŷ Received in Lab By:

Date: 10:30 ~~ Time: 2/15/18 Date: Time: (S Date: Jemp °C: Acceptable Y / N 09 Temp ⁰C: ATIME: Acceptable Y 1630 Date: 02/15418 °C: Time (630 Acceptable)/ N



72hr

Other

) HV 6000 2/15/

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Order ID: 8022633

Westchester Environmental 1248 Wrights Lane West Chester, PA 19380		Project: Rockaway Borough, NJ SD - Thomas Jefferson MS 95 E. Main Street Rockaway, NJ 07866								
Attn: Westchester Environmental		Regula	atory ID:							
Sample Number: 8022633-01 Collector: NPA		Site: Blank Collect Date: 02/08/2018	6:14 am		Sample I Sample ⊺	D: Field B Гуре: Grab	lank			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву	
<u>Metals</u> Lead	< 1.00	μg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:10	RPV	
Sample Number: 8022633-02 Collector: NPA		Site: Principals Office Collect Date: 02/08/2018	6:15 am		Sample I Sample ⊺	D: RJMS- ſype: Grab	1FL-S-	Principals Office	1	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву	
<u>Metals</u> Lead	10.2	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:04	RPV	
Sample Number: 8022633-03 Collector: NPA		Site: Home Ec Lab Collect Date: 02/08/2018	6:16 am		Sample I Sample ⊺	D: RJMS- Гуре: Grab	1FL-S-ŀ	Home EC Lab 1		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву	
<u>Metals</u> Lead	14.1	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:11	RPV	
Sample Number: 8022633-04 Collector: NPA		Site: Home Ec Lab Collect Date: 02/08/2018	6:17 am		Sample I Sample ⊺	D: RJMS- Гуре: Grab	1FL-S-ŀ	Home EC Lab 3		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву	
<u>Metals</u>										
Lead	52.6	μg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:13	RPV	
Sample Number: 8022633-05 Collector: NPA		Site: Prep Rm 2 Collect Date: 02/08/2018	6:18 am		Sample I Sample ⊺	D: RJMS- Гуре: Grab	1FL-S-	Prep Rm 2		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву	
<u>Metals</u> Lead	48.9	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:15	RPV	

Report Generated On: 02/20/2018 3:08 pm STL_Results Revision #1.6

8022633 Effective: 07/09/2014



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Sample Number: 8022633-06 Collector: NPA	5	Site: Science Rm Collect Date: 02/0	8/2018 6:19 am		Sample Sample	ID: RJMS Type: Grab	-1FL-S-\$	Science Rm 2	
Department / Test / Parameter	Result	Units	Method	R.L.	. DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	31.4	μg/L	EPA 200.8	1.00	0 1	02/14/18	RPV	02/15/18 19:17	RPV
Sample Number: 8022633-07 Collector: NPA	,	Site: Science Rm Collect Date: 02/0	8/2018 6:20 am		Sample Sample	ID: RJMS- Type: Grab	-1FL-S-\$	Science Rm 5	
Department / Test / Parameter	Result	Units	Method	R.L.	. DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	34.3	µg/L	EPA 200.8	1.00	0 1	02/14/18	RPV	02/15/18 19:22	RPV
Sample Number: 8022633-08 Collector: NPA	1	Site: Science Rm Collect Date: 02/0	8/2018 6:21 am		Sample Sample	ID: RJMS Type: Grab	-1FL-S-\$	Science Rm 7	
Department / Test / Parameter	Result	Units	Method	R.L.	. DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	29.7	μg/L	EPA 200.8	1.00	0 1	02/14/18	RPV	02/15/18 19:24	RPV
Sample Number: 8022633-09 Collector: NPA		Site: Girls Locker I Collect Date: 02/0			Sample Sample	ID: RJMS- Type: Grab	-1FL-S-(Girls Locker Rm	
Department / Test / Parameter	Result	Units	Method	R.L.	. DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	47.7	µg/L	EPA 200.8	1.00	0 1	02/14/18	RPV	02/15/18 19:26	RPV
Sample Number: 8022633-10 Collector: NPA		Site: Boys Locker Collect Date: 02/0			Sample Sample	ID: RJMS- Type: Grab	-1FL-S-I	Boys Locker Rm	
Department / Test / Parameter	Result	Units	Method	R.L.	. DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	37.6	µg/L	EPA 200.8	1.00	0 1	02/14/18	RPV	02/15/18 19:28	RPV
Sample Number: 8022633-11 Collector: NPA		Site: Art Rm Collect Date: 02/0	8/2018 6:25 am		Sample Sample	ID: RJMS Type: Grab	-1FL-S-/	Art Rm 1	
Department / Test / Parameter	Result	Units	Method	R.L.	. DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	17.7	µg/L	EPA 200.8	1.00	0 1	02/14/18	RPV	02/15/18 19:30	RPV
Sample Number: 8022633-12 Collector: NPA	2	Site: Kitchen Collect Date: 02/0	8/2018 6:26 am		Sample Sample	ID: RJMS- Type: Grab	-1FL-S-I	Kitchen 1	
Department / Test / Parameter	Result	Units	Method	R.L.	. DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	12.6	μg/L	EPA 200.8	1.00	0 1	02/14/18	RPV	02/15/18 19:34	RPV
	Report Generated Or S1	n: 02/20/2018 3:08 FL_Results Revision		/09/2014				SP ACC	RF.



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Sample Number: 8022633-13 Collector: NPA		Site: Kitchen Collect Date: 02/08/20	18 6:27 am		ample II ample T	D: RJMS- ÿpe: Grab	1FL-S-ł	Kitchen 2	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	8.35	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:35	RPV
Sample Number: 8022633-14 Collector: NPA		Site: CR 101 Collect Date: 02/08/20	18 6:28 am		ample II ample T	D: RJMS- ype: Grab	1FL-S-(CR 101	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	21.8	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:37	RPV
Sample Number: 8022633-15 Collector: NPA		Site: CR 102 Collect Date: 02/08/20	18 6:28 am		ample II ample T	D: RJMS- ÿpe: Grab	1FL-S-	CR 102	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	15.6	μg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:39	RPV
Sample Number: 8022633-16 Collector: NPA		Site: Library Collect Date: 02/08/20	18 6:29 am		ample II ample T	D: RJMS- ÿpe: Grab	1FL-S-L	ibrary	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	29.2	μg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:45	RPV
Sample Number: 8022633-17 Collector: NPA		Site: Girls Rm 1 Collect Date: 02/08/20	18 6:32 am		ample II ample T	D: RJMS- ÿpe: Grab	1FL-S-(Girls Rm 1	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	21.0	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:47	RPV
Sample Number: 8022633-18 Collector: NPA		Site: CR 105 Collect Date: 02/08/20	18 6:33 am		ample II ample T	D: RJMS- ÿpe: Grab	1FL-S-(CR 105	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	51.9	μg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:49	RPV
Sample Number: 8022633-19 Collector: NPA		Site: CR 117 Collect Date: 02/08/20	18 6:34 am		ample II ample T	D: RJMS- ype: Grab	1FL-S-(CR 117	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	56.8	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:50	RPV
Repo		n: 02/20/2018 3:08 pm TL_Results Revision #1.6	8022633 Effective: 07/09/2	2014				Nº ACC	REA



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Sample Number: 8022633-20 Collector: NPA		Site: CR 106 Collect Date: 02/08/2018	8 6:35 cm		mple II	D: RJMS- ype: Grab	1FL-S-(CR 106	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead, 200.8, NJDOE									
Lead	489	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 19:52	RPV
Lead	438	µg/L	EPA 200.8	10.0	10	02/14/18	RPV	02/19/18 17:06	RPV
Sample Number: 8022633-21		Site: CR 116		Sa	mple II	D: RJMS-	1FL-S-(CR 116	
Collector: NPA		Collect Date: 02/08/2018	8 6:36 am	Sa	mple T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	23.4	μg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:17	RPV
Sample Number: 8022633-22		Site: CR 107		Sa	mple II	D: RJMS-	1FL-S-0	CR 107	
Collector: NPA		Collect Date: 02/08/2018	8 6:37 am	Sa	imple T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	50.4	μg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:22	RPV
Sample Number: 8022633-23		Site: CR 108		Sa	mple II	D: RJMS-	1FL-S-0	CR 108	
Collector: NPA		Collect Date: 02/08/2018	8 6:38 am			ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead, 200.8, NJDOE									
Lead	379	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:11	RPV
Lead	339	µg/L	EPA 200.8	10.0	10	02/14/18	RPV	02/19/18 17:10	RPV
Sample Number: 8022633-24		Site: CR 115		Sa	mple II	D: RJMS-	1EL-S-(CR 115	
Collector: NPA		Collect Date: 02/08/2018	8 6:39 am			ype: Grab	11 2 0 0		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	51.7	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:24	RPV
Sample Number: 8022633-25		Site: CR 114		Sa	mple II	D: RJMS-	1FL-S-0	CR 114	
Collector: NPA		Collect Date: 02/08/2018 6:40 am Sample Type: Grab							
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	50.5	μg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:30	RPV

Report Generated On: 02/20/2018 3:08 pm STL_Results Revision #1.6 8022633 Effective: 07/09/2014



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Sample Number: 8022633-26 Collector: NPA		Site: CR 109 Collect Date: 02/08/2018	6:41 am		ample II ample T	D: RJMS- ÿpe: Grab	1FL-S-(CR 109	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	89.1	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:32	RPV
Sample Number: 8022633-27 Collector: NPA		Site: CR 113 Collect Date: 02/08/2018	6:42 am		ample II ample T	D: RJMS- ÿpe: Grab	1FL-S-(CR 113	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	65.2	μg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:34	RPV
Sample Number: 8022633-28 Collector: NPA		Site: CR 110 Collect Date: 02/08/2018	6:43 am		ample II ample T	D: RJMS- ÿpe: Grab	1FL-S-(CR 110	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	35.5	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:36	RPV
Sample Number: 8022633-29 Collector: NPA		Site: CR 112 Collect Date: 02/08/2018	6:44 am		ample II ample T	D: RJMS- ÿpe: Grab	1FL-S-(CR 112	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	28.5	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:38	RPV
Sample Number: 8022633-30 Collector: NPA		Site: CR 111 Collect Date: 02/08/2018	6:45 am		ample II ample T	D: RJMS- ÿpe: Grab	1FL-S-(CR 111	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	39.9	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:40	RPV
Sample Number: 8022633-31 Collector:		Site: Labratory Control Sample Collect Date: 02/13/2018 12:00 am			ample II ample T	D: jype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	14.0	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:42	RPV

Report Generated On: 02/20/2018 3:08 pm STL_Results Revision #1.6

8022633 Effective: 07/09/2014



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Sample Number: 8022633-32 Collector:		Site: Labratory Control Collect Date: 02/13/202	• •		ample II ample T	D: İype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	14.0	µg/L	EPA 200.8	1.00	1	02/14/18	RPV	02/15/18 20:44	RPV

Sample Receipt Conditions:

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

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.

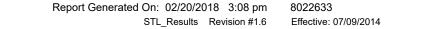
This laboratory report may not be reproduced, except in full, without the written approval of STL.

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

Reviewed and Released By:

Timothy Swavely Client Services Supervisor

Fing My





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Page 6 of 9

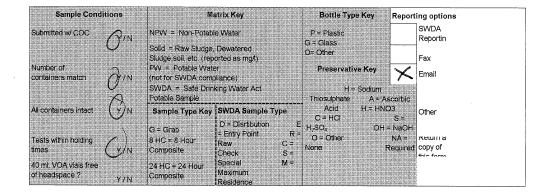
				(\bigcirc			COC Pg 2			_				
TESTING LABS 610-375-TES					037F MacArt	Sustody Reco hur Road, Reading, P. 75-4090 – suburban testir	A 19605	TAT (Check One)	Standard		8022633 Alana Ko				
Client	Name:	Westchester Env	vironmenta	I LLC.			~~	Project Name:	Rockaw	ay Boro	 ugh		-		ł
Addres	ss:	307 N. Walnut St	treet	· ·	Phone:	610-883-3	3839	Address:	Thomas	Jeffers	on Mie	ddle Sch	lool		
		West Chester, PA 19380				Email: nabraham@westchesteren			95 E Ma	in St, R	ockaw	/ay, NJ (7866		
		Noel Abraham				vironmental	.com	Payment / P.O. Inf	ío:						
Flush / First Draw		e Description / Site ID.	Date Sampled	Time Sampled	Samplers Initials	Westchester Field Sample #]	Fests Requested	Bottle Quantity	Matrix	Sample Types	Bottle Type	Preservative	Location Code	
First Draw	Art Rm		02/08/18	06:25 AM	NPA	011	Р	b EPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-Art Rm 1	HZ2MM
First Draw	Kitchen		02/08/18	06:26 AM	NPA	012	P	b EPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-Kitchen 1	12117118
First Draw	Kitchen		02/08/18	06:27 AM	NPA	013	Р	b EPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-Kitchen 2	
First Draw	CR 101		02/08/18	06:28 AM	NPA	014	P	b EPA 200.8	1	PW	G	Р	H	RJMS-2FL-S-CR 101	
First Draw	CR 102	a da	02/08/18	06:28 AM	NPA	015	P	b EPA 200.8	1	PW	G	Р	Н	RJMS-1 FL-S-CR 102	
First Draw	Library	· · ·	02/08/18	06:29 AM	NPA	016	P	b EPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-Library	
First Draw	Girls Rr	n 1	02/08/18	06:32 AM	NPA	017	P	b EPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-Girls Rm 1	
First Draw	CR 105		02/08/18	06:33 AM	NPA	018	Р	b EPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-CR 105	
First Draw	CR 117		02/08/18	06:34 AM	NPA	019	Ρ	b EPA 200.8	1	PW	G	Р	H	RJMS-1FL-S-CR 117	
First Draw	CR 106	.1.0	02/08/18	06:35 AM	NPA	020	Р	b EPA 200.8	1	PW	G	Ρ	Н	RJMS-1FL-S-CR-106	V

Relinquished by:

Date 7/13/18 Temp °C: /4.2 Time: 14.50 Acceptable (7)/N Date: 02/13/15 Temp °C: Time: HJC Acceptable V/N Received in Lab By;

Date: 02/13/18

Time: 13 " Acceptable () N







COC Pg 1

TAT (Check One)

Alana Kopicz

Standard

SUBURBAN

TESTING LABS

Chain of Custody Record 1037F MacArthur Road, Reading, PA 19605 610-375-TEST - Fax: 610-375-4090 - suburban testinglabs.com



5 days

Client Name: Westchester Environmental LLC. Project Name: Rockaway Borough Address: 307 N. Walnut Street Phone: 610-883-3839 Thomas Jefferson Middle School Address: West Chester, PA 19380 95 E Main St, Rockaway, NJ 07866 nabraham@westchesteren Email: Contact Name: Noel Abraham vironmental.com Payment / P.O. Info: Comments:

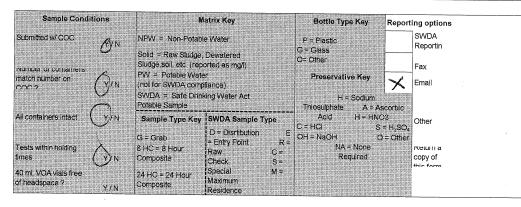
Flush / First Draw	Sample Description / Site ID.	Date Sampled	Time Sampled	Samplers Initials	Westchester Field Sample #	Tests Requested	Bottle Quantity	Matrix	Sample Types	Bottle Type	Preservative	Location Code	
	Blank	02/08/18	06:14 AM	NPA	001	Pb EPA 200.8	1	PW	G	Р	Н	Field Blank	pll <a< td=""></a<>
First Draw	Principals Office	02/08/18	06:15 AM	NPA	002	Pb EPA 200.8	1	PW	G	Ρ	Н	RJMS-1FL-S-Principals Office 1	MAL
First Draw	Home Ec Lab	02/08/18	06:16 AM	NPA	003	Pb EPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-Home EC Lab 1	2/17/1
First Draw	Home Ec Lab	02/08/18	06:17 AM	NPA	004	Pb EPA 200.8	1	PW	G	Ρ	Н	RJMS-1FL-S-Home EC Lab 3	
First Draw	Prep Rm 2	02/08/18	06:18 AM	NPA	005	Pb EPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-Prep Rm-2	
First Draw	Science Rm	02/08/18	06:19 AM	NPA	006	Pb EPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-Science Rm 2	
First Draw	Science Rm	02/08/18	06:20 AM	NPA	007	Pb EPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-Science Rm 5	
First Draw	Science Rm	02/08/18	06:21 AM	NPA	008	Pb EPA 200.8	1	PW	G	Р	н	RJMS-1FL-S-Science Rm 7	
First Draw	Girls Locker Rm	02/08/18	06:23 AM	NPA	009	Pb EPA 200.8	1	PW	G	Р	H	RJMS-1FL-S- Girls Locker Rm	
First Draw	Boys Locker Rm	02/08/18	06:24 AM	NPA	010	Pb EPA 200.8	1	PW	G	Р	н	RJMS-1FL-S-Boys Locker Rm	V

Relinguished by:

Received in Lab By

Date: D Z / 13 / 18 Time: 12:00 pm Date: 2/13/18 Time: 13 00 Acceptable (Y) N Date:2/13/6Temp °C HAV 14.2 Time:14/0 Acceptable()/N 02/13/14 Date: Temp °C:

Time: /4/0 Acceptable Y / N





Alana Kopicz

TESTING LARS 10					037F MacArt	Custody Reco thur Road, Reading, F 175-4090 – suburban testi	A 19605	TAT (Check One) S	Standard	24hr	48	nr 72		other 5 days	
Client	Name:	Westchester En	vironmenta	al LLC.	· · · · · · · · · · · · · · · · · · ·			Project Name:	Rockav	vay Boro	ugh			•	-
Addre	ess:	307 N. Walnut S			Phone:	610-883-	3839	Address:	Thoma	s Jeffers	on Mid	dle Sch	ool		
		West Chester, P	A 19380		Email:	nabraham@wes	tchesteren	1	95 E M	ain St, R	ockawa	ay, NJ O	7866		
	ict Name:	Noel Abraham			Eman.	vironmenta	.com	Payment / P.O. Info:							
	nents:	- 110													
Flush / First Draw	Sampl	e Description / Site ID.	Date Sampled	Time Sampled	Samplers Initials	Westchester Field Sample #	Ti	ests Requested	Bottle Quantity	Matrix	Sample Types	Bottle Type *	Preservative	Location Code	
irst raw	CR 116	i	02/08/18	06:36 AM	NPA	021	Pl	o EPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-CR 116	- pł
irst raw	CR 107	,	02/08/18	06:37 AM	NPA	022	Pl	DEPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-CR 107	-1
irst)raw	CR 108		02/08/18	06:38 AM	NPA	023	P	DEPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-CR 108	
irst)raw	CR 115		02/08/18	06:39 AM	NPA	024	Pt	DEPA 200.8	1	PW	G	Р	Н	RJMS-1FL-S-CR 115	
irst Iraw	CR 114	•	02/08/18	06:40 AM	NPA	025	Pk	DEPA 200.8	1	PW	G	Р	н	RJMS-1FL-S-CR 114	
irst)raw	CR 109		02/08/18	06:41 AM	NPA	026	Pk	EPA 200.8	1	PW	G	Р	н	RJMS-1FL-S-CR 109	
irst Draw	CR 113		02/08/18	06:42 AM	NPA	027	Pk	EPA 200.8	1	PW	G	Р	Н	RJMS-1-FL-S-CR 113	
irst Draw	CR 110		02/08/18	06:43 AM	NPA	028	Pk	EPA 200.8	1	PW	G	Р	н	RJMS-1FL-S-CR 110	
irst)raw	CR 112		02/08/18	06:44 AM	NPA	029	Pk	EPA 200.8	1	PW	G	Р	н	RJMS-1FL-S-CR 112	
irst Iraw	CR 111	\wedge	02/08/18	06:45 AM	NPA	030	Pt	EPA 200.8	1	PW	G	Р	н	RJMS-1FL-S-CR 111	- V

Relinquig fe

Relinquished by:

m

Received in Lab By:

Date: 22/13/18 Time: 12:00,000 Date: 2/13/18 Time: 1300 Acceptable: N Date: 2/13/18 Temp °C: 14,2 Time: 1450 Acceptable: N

Date: 02/13/18mp°C: Time: /45°CAcceptable(Y)N

