



**ROCKAWAY BOROUGH SCHOOL DISTRICT
LEAD IN DRINKING WATER
FIRST & FLUSH DRAW SAMPLING REPORT**

PERFORMED FOR:

**ROCKAWAY BOROUGH SCHOOL DISTRICT
103 EAST MAIN STREET
ROCKAWAY, NJ 07866**

PERFORMED BY:

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

FEBRUARY 2022



February 14, 2022

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

Re: FIRST & FLUSH DRAW LEAD IN DRINKING WATER REPORT

Dear Mr. Klein;

Please find enclosed the report for the Lead in Drinking Water Flush Draw Sampling conducted for the Rockaway Borough School District.

If you have any questions, please don't hesitate to contact me at 610-431-7545 or email me at 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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ROCKAWAY BOROUGH SCHOOL DISTRICT

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



1.0 INTRODUCTION

Westchester Environmental, LLC was contracted by Mr. Mike Klein to conduct Drinking Water Sampling at the following Rockaway Borough School District buildings:

1. Thomas Jefferson Middle School
2. Lincoln Elementary School

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

The water sampling was performed on December 18, 2021 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. Tables 1-2 below shows the concentration of lead (parts per billion or microgram per liter) at each location sampled.

Table 1: Thomas Jefferson Middle School

	Location Code	Result (ppb)	Action Level (ppb)	Lead Hazard (Yes/No)
1	RJMS-1FL-POE-Conf. Rm Br	<1.00	15.5	No
2	RJMS-1FL-NS-Nurse	9.36	15.5	No
3	RJMS-1FL-S -Principals Office 1	67	15.5	Yes
4	RJMS-1FL-WC-Hall o/s Computer Lab	<1.00	15.5	No
5	RJMS-1FL-S -Home EC Lab 1	9.31	15.5	No
6	RJMS-1FL-S -Home EC Lab 2	104	15.5	Yes
7	RJMS-1FL-WC-Cafeteria 1	<1.00	15.5	No
8	RJMS-1FL-S -Kitchen 1	15.1	15.5	No
9	RJMS-1FL-S -Kitchen 2	10.2	15.5	No
10	RJMS-1FL-FP-Kitchen 3	4.96	15.5	No
11	RJMS-2FL-FS-Faculty Rm	12.9	15.5	No
12	RJMS-1FL-BF-O/S 118	<1.00	15.5	No

Table 2: Lincoln Elementary School

	Location Code	Result (ppb)	Action Level (ppb)	Lead Hazard (Yes/No)
13	RLES-LFL-POE-B-6	<1.00	15.5	No
14	RLES-LFL-S-B-4 -1	11.5	15.5	No
15	RLES-LFL-FP-Kitchen 1	5.54	15.5	No
16	RLES-LFL-FP-Kitchen 2	2.65	15.5	No
17	RLES-LFL-WC-O/S B2	<1.00	15.5	No
18	RLES-LFL-WC-O/S 109	<1.00	15.5	No
19	RLES-MFL-WC-O/S 104	<1.00	15.5	No
20	RLES-2FL-WC-O/S 211	<1.00	15.5	No
21	RLES-2FL-NS-Nurse's Office	1.33	15.5	No
22	RLES-2FL-S-Nurse's Office	2.23	15.5	No
23	RLES-2FL-WC-Hall o/s 203	<1.00	15.5	No
24	Field Blank	<1.00	15.5	No



In instances where the first draw exceeded the action level, the corresponding flush draw sample was activated for analysis. Tables 3 compares the results 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 3: Thomas Jefferson Middle School

Location Code	First Draw Result (ppb)	Flush Draw Result (ppb)	Action Level (ppb)
1 RJMS-1FL-S -Principals Office 1	67	5.24	15.5
2 RJMS-1FL-S -Home EC Lab 2	104	26.1	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".

Twenty three (23) first draw and flush draw samples, along with one field blank for quality control purposes, 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, two (2) first draw samples exceeded the action limit. One corresponding flush draw samples fell below the action limit and one corresponding flush draw sample exceeded the action limit.

Immediate / Short Term Action Required:

1. Immediately discontinue using water at locations where the two first draw samples exceeded the NJDEP 15.5 ppb Action Level. If those locations are going to be remediated for future use they 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: 1L04392

Westchester Environmental
1248 Wrights Lane
West Chester, PA 19380

Project: Rockaway Twp SD - Jefferson & Lincoln
95 E Main St.
Rockaway, NJ 07866

Attn: Noel Abraham

Regulatory ID:

Sample Number: 1L04392-01	Site: RJMS-1FL-POE-Conf. Rm Br	Sample ID: Conf. Rm Br
Collector: NPA	Collect Date: 12/18/2021 8:50 am	Sample Type: Grab

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 17:50	RJS
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Sample Number: 1L04392-02	Site: RJMS-1FL-NS-Nurse	Sample ID: Nurse
Collector: NPA	Collect Date: 12/18/2021 8:52 am	Sample Type: Grab

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

Lead	9.36	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 17:52	RJS
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Sample Number: 1L04392-03	Site: RJMS-1FL-S -Principals Office 1	Sample ID: Principals Office 1
Collector: NPA	Collect Date: 12/18/2021 8:54 am	Sample Type: Grab

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

Lead	67.0	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 17:54	RJS
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Sample Number: 1L04392-04	Site: RJMS-1FL-WC-Hall o/s Computer Lab	Sample ID: Hall o/s Computer Lab
Collector: NPA	Collect Date: 12/18/2021 8:56 am	Sample Type: Grab

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:02	RJS
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Sample Number: 1L04392-05	Site: RJMS-1FL-S -Home EC Lab 1	Sample ID: Home EC Lab 1
Collector: NPA	Collect Date: 12/18/2021 8:58 am	Sample Type: Grab

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

Lead	9.31	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:04	RJS
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Report Generated On: 12/27/2021 2:06 pm 1L04392
STL_Results Revision #1.9 Effective: 04/16/2020





Sample Number: 1L04392-06	Site: RJMS-1FL-S -Home EC Lab 2	Sample ID: Home EC Lab 2
Collector: NPA	Collect Date: 12/18/2021 9:00 am	Sample Type: Grab

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

Lead	104	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:05	RJS
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Sample Number: 1L04392-07	Site: RJMS-1FL-WC-Cafeteria 1	Sample ID: Cafeteria 1
Collector: NPA	Collect Date: 12/18/2021 9:02 am	Sample Type: Grab

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:07	RJS
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Sample Number: 1L04392-08	Site: RJMS-1FL-S -Kitchen 1	Sample ID: Kitchen 1
Collector: NPA	Collect Date: 12/18/2021 9:04 am	Sample Type: Grab

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

Lead	15.1	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:09	RJS
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Sample Number: 1L04392-09	Site: RJMS-1FL-S -Kitchen 2	Sample ID: Kitchen 2
Collector: NPA	Collect Date: 12/18/2021 9:06 am	Sample Type: Grab

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

Lead	10.2	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:10	RJS
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Sample Number: 1L04392-10	Site: RJMS-1FL-FP-Kitchen 3	Sample ID: Kitchen 3
Collector: NPA	Collect Date: 12/18/2021 9:08 am	Sample Type: Grab

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

Lead	4.96	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:12	RJS
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Sample Number: 1L04392-11	Site: RJMS-2FL-FS-Faculty Rm	Sample ID: Faculty Rm
Collector: NPA	Collect Date: 12/18/2021 9:10 am	Sample Type: Grab

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

Lead	12.9	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:13	RJS
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Sample Number: 1L04392-12	Site: RJMS-1FL-BF-O/S 118	Sample ID: O/S 118
Collector: NPA	Collect Date: 12/18/2021 9:12 am	Sample Type: Grab

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:15	RJS
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SUBURBAN TESTING LABS

Sample Number: 1L04392-13	Site: RLES-LFL-POE-B-6	Sample ID: B-6
Collector: NPA	Collect Date: 12/18/2021 9:31 am	Sample Type: Grab

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:17	RJS
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Sample Number: 1L04392-14	Site: RLES-LFL-S-B-4 -1	Sample ID: B-4 -1
Collector: NPA	Collect Date: 12/18/2021 9:33 am	Sample Type: Grab

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

Lead	11.4	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:21	RJS
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Sample Number: 1L04392-15	Site: RLES-LFL-FP-Kitchen 1	Sample ID: Kitchen 1
Collector: NPA	Collect Date: 12/18/2021 9:35 am	Sample Type: Grab

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

Lead	5.54	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:24	RJS
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Sample Number: 1L04392-16	Site: RLES-LFL-FP-Kitchen 2	Sample ID: Kitchen 2
Collector: NPA	Collect Date: 12/18/2021 9:37 am	Sample Type: Grab

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

Lead	2.65	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:26	RJS
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Sample Number: 1L04392-17	Site: RLES-LFL-WC-O/S B2	Sample ID: O/S B2
Collector: NPA	Collect Date: 12/18/2021 9:39 am	Sample Type: Grab

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:28	RJS
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Sample Number: 1L04392-18	Site: RLES-LFL-WC-O/S 109	Sample ID: O/S 109
Collector: NPA	Collect Date: 12/18/2021 9:41 am	Sample Type: Grab

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:30	RJS
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Sample Number: 1L04392-19	Site: RLES-MFL-WC-O/S 104	Sample ID: O/S 104
Collector: NPA	Collect Date: 12/18/2021 9:43 am	Sample Type: Grab

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:32	RJS
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Sample Number: 1L04392-20	Site: RLES-2FL-WC-O/S 211	Sample ID: O/S 211
Collector: NPA	Collect Date: 12/18/2021 9:45 am	Sample Type: Grab

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:35	RJS
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Sample Number: 1L04392-21	Site: RLES-2FL-NS-Nurse's Office	Sample ID: Nurse's Office
Collector: NPA	Collect Date: 12/18/2021 9:47 am	Sample Type: Grab

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

Lead	1.33	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:43	RJS
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Sample Number: 1L04392-22	Site: RLES-2FL-S-Nurse's Office	Sample ID: Nurse's Office
Collector: NPA	Collect Date: 12/18/2021 9:49 am	Sample Type: Grab

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

Lead	2.23	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:45	RJS
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Sample Number: 1L04392-23	Site: RLES-2FL-WC-Hall o/s 203	Sample ID: Hall o/s 203
Collector: NPA	Collect Date: 12/18/2021 9:51 am	Sample Type: Grab

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:47	RJS
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Sample Number: 1L04392-24	Site: Field Blank	Sample ID: Field Blank
Collector: NPA	Collect Date: 12/18/2021 9:53 am	Sample Type: Grab

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

Lead	< 1.00	µg/L	EPA 200.8	1.00	1	12/22/21	CMV	12/23/21 18:48	RJS
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Sample Receipt Conditions:

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

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 STL_Results Revision #1.9 Effective: 04/16/2020





SUBURBAN TESTING LABS

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.

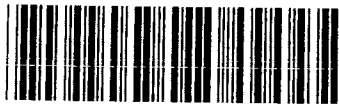
Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:

Lisa F. Care
Project Manager II

Report Generated On: 12/27/2021 2:06 pm 1L04392
STL_Results Revision #1.9 Effective: 04/16/2020





1L04392
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:	Rockaway Borough SD	
Address:	1248 Wrights Lane	Phone:	610-431-7545		
	West Chester, PA 19380	Email:	nabraham@westchesterenvironmental.com		
Contact Name:	Noel Abraham		Address:	Jefferson & Lincoln 95 E Main St, Rockaway, NJ 07866	
			Payment / P.O. Info:		

Comments: (10) 250mL P + HNO₃

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	RJMS-1FL-POE-Conf. Rm Br	12/18/21	08:50 AM	NPA	001	Pb EPA 200.8	1	PW	G	P	H	Conf. Rm Br
First	RJMS-1FL-NS-Nurse	12/18/21	08:52 AM	NPA	002	Pb EPA 200.8	1	PW	G	P	H	Nurse
First	RJMS-1FL-S -Principals Office 1	12/18/21	08:54 AM	NPA	003	Pb EPA 200.8	1	PW	G	P	H	Principals Office 1
First	RJMS-1FL-WC-Hall o/s Computer La	12/18/21	08:56 AM	NPA	004	Pb EPA 200.8	1	PW	G	P	H	Hall o/s Computer Lab
First	RJMS-1FL-S -Home EC Lab 1	12/18/21	08:58 AM	NPA	005	Pb EPA 200.8	1	PW	G	P	H	Home EC Lab 1
First	RJMS-1FL-S -Home EC Lab 2	12/18/21	09:00 AM	NPA	006	Pb EPA 200.8	1	PW	G	P	H	Home EC Lab 2
First	RJMS-1FL-WC-Cafeteria 1	12/18/21	09:02 AM	NPA	007	Pb EPA 200.8	1	PW	G	P	H	Cafeteria 1
First	RJMS-1FL-S -Kitchen 1	12/18/21	09:04 AM	NPA	008	Pb EPA 200.8	1	PW	G	P	H	Kitchen 1
First	RJMS-1FL-S -Kitchen 2	12/18/21	09:06 AM	NPA	009	Pb EPA 200.8	1	PW	G	P	H	Kitchen 2
First	RJMS-1FL-FP-Kitchen 3	12/18/21	09:08 AM	NPA	010	Pb EPA 200.8	1	PW	G	P	H	Kitchen 3

Relinquished by: *[Signature]* Date: 12/18/21
 Time: 17:00
 Received By: *[Signature]* Date: 12/18/21 Temp °C:
 Time: 1320 Acceptable Y N
 Relinquished by: *[Signature]* Date: 12/18/21 Temp °C: 19.5 °C
 Time: 1524 Acceptable Y N
 Received in Lab By: *[Signature]* Date: 12/18/21 Temp °C: 19.5 °C
 Time: 1524 Acceptable Y N

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ COC <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	NPW = Non-Potable Water	P = Plastic
Number of containers match number on COC? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Solid = Raw Sludge, Dewatered Sludge, soil, etc. (reported as mg/l)	G = Glass
All containers intact <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PW = Potable Water (not for SWDA compliance)	O = Other
Tests within holding times <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	SWDA = Safe Drinking Water Act Potable Sample	Preservative Key
40 ml. VOA vials free of headspace? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Type Key	H = Sodium
	G = Grab	Thiosulphate Acid
	8 HC = 8 Hour Composite	A = Ascorbic
	24 HC = 24 Hour Composite	H = HNO ₃
		S =
		OH = NaOH
		None
		Required



1L04392
Lisa F. Care



Chain of Custody Record

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

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

Client Name:	Westchester Environmental LLC.		Project Name:	Rockaway Borough SD	
Address:	1248 Wrights Lane	Phone:	610-431-7545		
	West Chester, PA 19380	Email:	nabraham@westchesterenvironmental.com		
Contact Name:	Noel Abraham		Address:	Jefferson & Lincoln 95 E Main St, Rockaway, NJ 07866	
			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	RJMS-2FL-FS-Faculty Rm	12/18/21	09:10 AM	NPA	011	Pb EPA 200.8	1	PW	G	P	H	Faculty Rm
First	RJMS-1FL-BF-O/S 118	12/18/21	09:12 AM	NPA	012	Pb EPA 200.8	1	PW	G	P	H	O/S 118
Flush	RLES-LFL-POE-B-6	12/18/21	09:31 AM	NPA	013	Pb EPA 200.8	1	PW	G	P	H	B-6
First	RLES-LFL-S-B-4 -1	12/18/21	09:33 AM	NPA	014	Pb EPA 200.8	1	PW	G	P	H	B-4 -1
First	RLES-LFL-FP-Kitchen 1	12/18/21	09:35 AM	NPA	015	Pb EPA 200.8	1	PW	G	P	H	Kitchen 1
First	RLES-LFL-FP-Kitchen 2	12/18/21	09:37 AM	NPA	016	Pb EPA 200.8	1	PW	G	P	H	Kitchen 2
First	RLES-LFL-WC-O/S B2	12/18/21	09:39 AM	NPA	017	Pb EPA 200.8	1	PW	G	P	H	O/S B2
First	RLES-LFL-WC-O/S 109	12/18/21	09:41 AM	NPA	018	Pb EPA 200.8	1	PW	G	P	H	O/S 109
First	RLES-MFL-WC-O/S 104	12/18/21	09:43 AM	NPA	019	Pb EPA 200.8	1	PW	G	P	H	O/S 104
First	RLES-2FL-WC-O/S 211	12/18/21	09:45 AM	NPA	020	Pb EPA 200.8	1	PW	G	P	H	O/S 211

Relinquished by: *[Signature]* Date: 12/20/21
 Time: 17:36

Received by: *[Signature]* Date: 12/20/21 Temp °C: 20.1°C
 Time: 15:24 Acceptable N
 Cooler

Relinquished by: *[Signature]* Date: 12/21/21 Temp °C: 19.5°C
 Time: 15:24 Acceptable N
 Cooler

Received in Lab By: *[Signature]* Date: 12-21-21 Temp °C: 19.5°C
 Time: 15:24 Acceptable N

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ COC <input checked="" type="checkbox"/> Y/N	NPW = Non-Potable Water	P = Plastic
Number of containers match number on COC? <input checked="" type="checkbox"/> Y/N	Solid = Raw Sludge, Dewatered Sludge, soil, etc. (reported as mg/l)	G = Glass
All containers intact <input checked="" type="checkbox"/> Y/N	PW = Potable Water (not for SWDA compliance)	O = Other
Tests 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 Thiolsulphate
	G = Grab	A = Ascorbic Acid
	8 HC = 8 Hour Composite	H = HNO3
	R = Raw	C = HCl
	C = Check	H2SO4
	S = Special	O = Other
	M = Maximum Residence	OH = NaOH
		None Required



1L04392
Lisa F. Care



TESTING LABS

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:	Rockaway Borough SD		
Address:	1248 Wrights Lane	Phone:	610-431-7545	Address:	Jefferson & Lincoln		
	West Chester, PA 19380	Email:	nabraham@westchesterenviromental.com	Payment / P.O. Info:	95 E Main St, Rockaway, NJ 07866		
Contact Name:	Noel Abraham						

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	RLES-2FL-NS-Nurse's Office	12/18/21	09:47 AM	NPA	021	Pb EPA 200.8	1	PW	G	P	H	Nurse's Office
First	RLES-2FL-S-Nurse's Office	12/18/21	09:49 AM	NPA	022	Pb EPA 200.8	1	PW	G	P	H	Nurse's Office
First	RLES-2FL-WC-Hall o/s 203	12/18/21	09:51 AM	NPA	023	Pb EPA 200.8	1	PW	G	P	H	Hall o/s 203
First	Field Blank	12/18/21	9:53 AM	NPA	024	Pb EPA 200.8	1	PW	G	P	H	Field Blank

Relinquished by: *[Signature]* Date: 12/20/21
 Time: 17:06
 Received By: *[Signature]* Date: 12/21/21 Temp °C: 20.1°C
 Time: 13:20 Acceptable N
 Relinquished by: *[Signature]* Date: 12/21/21 Temp °C: 19.5°C
 Time: 15:24 Acceptable N
 Received in Lab By: *[Signature]* Date: 12-21-21 Temp °C: 19.5°C
 Time: 7:524 Acceptable N

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ COC <input checked="" type="checkbox"/> N	NPW = Non-Potable Water	P = Plastic
Number of containers match number on COC? <input checked="" type="checkbox"/> N	Solid = Raw Sludge, Dewatered Sludge, soil, 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 Potable Sample	
40 ml. VOA vials free of headspace? <input checked="" type="checkbox"/> N		
	Sample Type Key	Preservative Key
	D = Distribution	H = Sodium Thiosulphate
	8 HC = 8 Hour Composite	Acid
	IR = Raw	A = Ascorbic
	IC = Check	H = HNO3
	IS = Special	C = HCl
	24 HC = 24 Hour Composite	H2SO4
	Residence	O = Other
		OH = NaOH
		S =
		None
		Required
		NA =



Results Report

Order ID: 1L04391

Westchester Environmental
1248 Wrights Lane
West Chester, PA 19380

Project: Rockaway Borough SD - Jefferson & Lincoln
95 E Main St.
Rockaway, NJ 07866

Attn: Noel Abraham

Regulatory ID:

Sample Number: 1L04391-02
Collector: NPA

Site: RJMS-1FL-S -Principals Office 1-F
Collect Date: 12/18/2021 8:54 am

Sample ID: Principals office 1
Sample Type: Grab

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

Lead	5.24	µg/L	EPA 200.8	1.00	1	02/01/22	MKR	02/02/22 10:02	MKR
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Sample Number: 1L04391-05
Collector: NPA

Site: RJMS-1FL-S -Home EC Lab 2-F
Collect Date: 12/18/2021 9:00 am

Sample ID: Home EC Lab 2
Sample Type: Grab

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

Lead	26.1	µg/L	EPA 200.8	1.00	1	02/01/22	MKR	02/02/22 10:06	MKR
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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 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: 02/04/2022 9:57 am 1L04391
STL_Results Revision #1.9 Effective: 04/16/2020





1L04391
Lisa F. Care



Chain of Custody Record

TAT (Check One) Standard 24hr 48hr 72hr Other *1610*

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

Client Name:	Westchester Environmental LLC.		Project Name:	Rockaway Borough SD	
Address:	1248 Wrights Lane	Phone:	610-431-7545		Address:
	West Chester, PA 19380	Email:	nabraham@westchesterenvironmental.com		95 E Main St, Rockaway, NJ 07866
Contact Name:	Noel Abraham		Payment / P.O. Info:		

Flush / Field 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	RJMS-1FL-NS-Nurse-F	12/18/21	08:52 AM	NPA	001	Pb EPA 200.8	1	PW	G	P	H	Nurse
Flush	RJMS-1FL-S -Principals Office	12/18/21	08:54 AM	NPA	002	Pb EPA 200.8	1	PW	G	P	H	Principals Office 1
Flush	RJMS-1FL-WC-Hall o/s Computer Lab	12/18/21	08:56 AM	NPA	003	Pb EPA 200.8	1	PW	G	P	H	Hall o/s Computer Lab
Flush	RJMS-1FL-S -Home EC Lab 1-F	12/18/21	08:58 AM	NPA	004	Pb EPA 200.8	1	PW	G	P	H	Home EC Lab 1
Flush	RJMS-1FL-S -Home EC Lab 2-F	12/18/21	09:00 AM	NPA	005	Pb EPA 200.8	1	PW	G	P	H	Home EC Lab 2
Flush	RJMS-1FL-WC-Cafeteria 1-F	12/18/21	09:02 AM	NPA	006	Pb EPA 200.8	1	PW	G	P	H	Cafeteria 1
Flush	RJMS-1FL-S -Kitchen 1-F	12/18/21	09:04 AM	NPA	007	Pb EPA 200.8	1	PW	G	P	H	Kitchen 1
Flush	RJMS-1FL-S -Kitchen 2-F	12/18/21	09:06 AM	NPA	008	Pb EPA 200.8	1	PW	G	P	H	Kitchen 2
Flush	RJMS-1FL-FP-Kitchen 3-F	12/18/21	09:08 AM	NPA	009	Pb EPA 200.8	1	PW	G	P	H	Kitchen 3
Flush	RJMS-2FL-FS-Faculty Rm-F	12/18/21	09:10 AM	NPA	010	Pb EPA 200.8	1	PW	G	P	H	Faculty Rm

Relinquished by: *[Signature]* Date: 12/20/21
 Time: 17:00

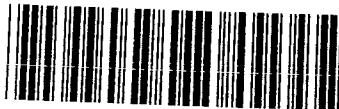
Received By: *Amy Deviney* (10) Date: 12/21/21 Temp: 20.1°C
 Time: 1320 Cooler

Relinquished by: *Amy Deviney* (10) Date: 12/21/21 Temp: 19.5°C
 Time: 1524 Cooler

Received in Lab By: *CB* (10) Date: 12-21-21 Temp: 19.5°C
 Time: 1524 Acceptable N

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ COC <input checked="" type="checkbox"/> Y/N	NPW = Non-Potable Water	P = Plastic
Number of containers match number on COC? <input checked="" type="checkbox"/> Y/N	Solid = Raw Sludge, Dewatered Sludge, soil, etc. (reported as mg/l)	G = Glass
All containers intact <input checked="" type="checkbox"/> Y/N	PW = Potable Water (not for SWDA compliance)	O = Other
Tests 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 Thiosulphate
	G = Grab	A = Ascorbic Acid
	8 HC = 8 Hour Composite	H = HNO3
	E = Entry Point	C = HCl
	R = Raw	S =
	C = Check	H2SO4
	S = Special	O = Other
	M = Maximum Residence	OH = NaOH
		None Required

12/21/21 ADD STD STANDARD SAMPLE PICK UP X



1L04391
Lisa F. Care



Chain of Custody Record

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

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

Client Name:	Westchester Environmental LLC.		Project Name:	Rockaway Borough SD	
Address:	1248 Wrights Lane	Phone:	610-431-7545		
	West Chester, PA 19380		Address:	Jefferson & Lincoln	
Contact Name:	Noel Abraham	Email:	nabraham@westchesterenviromental.com		
			Payment / P.O. Info:	95 E Main St, Rockaway, NJ 07866	

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	RJMS-1FL-BF-O/S 118-F	12/18/21	09:12 AM	NPA	011	Pb EPA 200.8	1	PW	G	P	H	O/S 118
Flush	RLES-LFL-S-B-4 -1-F	12/18/21	09:33 AM	NPA	012	Pb EPA 200.8	1	PW	G	P	H	B-4 -1
Flush	RLES-LFL-FP-Kitchen 1-F	12/18/21	09:35 AM	NPA	013	Pb EPA 200.8	1	PW	G	P	H	Kitchen 1
Flush	RLES-LFL-FP-Kitchen 2-F	12/18/21	09:37 AM	NPA	014	Pb EPA 200.8	1	PW	G	P	H	Kitchen 2
Flush	RLES-LFL-WC-O/S B2-F	12/18/21	09:39 AM	NPA	015	Pb EPA 200.8	1	PW	G	P	H	O/S B2
Flush	RLES-LFL-WC-O/S 109-F	12/18/21	09:41 AM	NPA	016	Pb EPA 200.8	1	PW	G	P	H	O/S 109
Flush	RLES-MFL-WC-O/S 104-F	12/18/21	09:43 AM	NPA	017	Pb EPA 200.8	1	PW	G	P	H	O/S 104
Flush	RLES-2FL-WC-O/S 211-F	12/18/21	09:45 AM	NPA	018	Pb EPA 200.8	1	PW	G	P	H	O/S 211
Flush	RLES-2FL-NS-Nurse's Office	12/18/21	09:47 AM	NPA	019	Pb EPA 200.8	1	PW	G	P	H	Nurse's Office
Flush	RLES-2FL-S-Nurse's Office	12/18/21	09:49 AM	NPA	020	Pb EPA 200.8	1	PW	G	P	H	Nurse's Office

Relinquished by:

Date: 12/20/21
Time: 17:00

Received By:

Amy Deviney (10)

Date: 12/21/21
Time: 13:20
Temp °C: 20.1
Acceptable (Y/N): *Y*
Cooler

Relinquished by:

Amy Deviney (10)

Date: 12/21/21
Time: 15:24
Temp °C: 19.5
Acceptable (Y/N): *Y*
Cooler

Received in Lab By:

CB (10)

Date: 12-21-21
Time: 15:24
Temp °C: 19.5
Acceptable (Y/N): *Y*
Ice

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ COC <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	NPW = Non-Potable Water	P = Plastic
Number of containers match number on COC? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Solid = Raw Sludge, Dewatered Sludge, soil, etc. (reported as mg/l)	G = Glass
All containers intact <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	PW = Potable Water (not for SWDA compliance)	O = Other
Tests within holding times <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	SWDA = Safe Drinking Water Act Potable Sample	Preservative Key
40 ml. VOA vials free of headspace? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> 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 =
	S = Special	H2SO4
	M = Maximum Residence	OH = NaOH
		O = Other
		None Required



1L04391
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

held

Client Name:	Westchester Environmental LLC.			Project Name:	Rockaway Borough SD		
Address:	1248 Wrights Lane	Phone:	610-431-7545	Address:	Jefferson & Lincoln		
	West Chester, PA 19380	Email:	nabraham@westchesterenviromental.com		95 E Main St, Rockaway, NJ 07866		
Contact Name:	Noel Abraham			Payment / P.O. Info:			

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	RLES-2FL-WC-Hall o/s 203	12/18/21	09:51 AM	NPA	021	Pb EPA 200.8	1	PW	G	P	H	Hall o/s 203

Relinquished by: *[Signature]* Date: *12/21/21*
 Time: *17:00*

Received By: *Amy Deviney* ① Date: *12/21/21* Temp °C: *20.1°C*
 Time: *15:20* Acceptable Y/N

Relinquished by: *Amy Deviney* ① Date: *12/21/21* Temp °C: *19.5°C*
 Time: *15:24* Acceptable Y/N

Received in Lab By: *[Signature]* ① Date: *12-21-21* Temp °C: *19.5°C*
 Time: *15:24* Acceptable Y/N

Sample Conditions	Matrix Key	Bottle Type Key
Submitted w/ COC <input checked="" type="checkbox"/> Y/N	NPW = Non-Potable Water	P = Plastic
Number of containers match number on COC? <input checked="" type="checkbox"/> Y/N	Solid = Raw Sludge, Dewatered Sludge, soil, etc. (reported as mg/l)	G = Glass
All containers intact <input checked="" type="checkbox"/> Y/N	PW = Potable Water (not for SWDA compliance)	O = Other
Tests 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 Thiosulphate
	G = Grab	Acid A = Ascorbic
	8 HC = 8 Hour Composite	H = HNO3
	IC = Check	C = HCl S =
	IS = Special	H2SO4 OH = NaOH
	IM = Maximum Residence	O = Other None Required