

Denville Township Schools

400 Morris Ave, Suite 279, Denville, New Jersey 07834

Mr. Steven Forte, Superintendent

Ph. 973-983-6530 Fax: 973-784-4778 sforte@denville.org

Denville Community Lead Testing Update and Results April 26, 2016

Attached to this letter is a 69 page report from Westchester Environmental, the consultant hired by the Denville Board of Education to conduct testing for lead in the district drinking water. The report shows the results of the testing performed on April 5, 2016 and the follow up testing that was performed on April 21, 2016. Please see the highlights of the report and some next steps to address the elevated lead levels below.

Highlights of the report:

- Considering the recent news of lead in school drinking water, the Denville Board of Education hired Westchester Environmental to conduct testing on 111 drinking water outlets in Lakeview, Riverview and Valleyview Schools. The first round took place on April 5, 2016. This test consisted of only first draw or standing water testing (first draw of water in morning).
- 2. The report from the April 5th test showed elevated lead levels in 5 drinking water outlets in Riverview School and 7 drinking water outlets in Valleyview School- there were **no** drinking water outlets in Lakeview that showed elevated lead levels.
- 3. As per the EPA and NJ Department of Environmental Protection a second round of testing is part of the protocol for testing water in schools. That test took place on April 21, 2016. This round included a first draw or standing water test and a flushed test (fixtures are flushed for 30 seconds before taking the sample). The second round tested the 12 outlets from the first test as well as the first water outlet in each school.
- 4. The results from the second round were received by the district on April 25, 2016. Of the 5 outlets retested at Riverview, all 5 still tested in the elevated range for lead. Of the 7 outlets retested at Valleyview, 5 still tested in the elevated range for lead.

Going forward:

- 1. We will continue the use of bottled water at Riverview and Valleyview Schools.
- 2. We are meeting with our architecture firm, DiCara-Rubino to develop a sustainable plan for school drinking water going forward.
- 3. We will schedule a public information session in the near future to answer questions and discuss possible plans for a permanent solution.

As always please contact me if you have any other questions or concerns at sforte@denville.org or 973-983-6530.



LEAD IN DRINKING WATER REPORT

DENVILLE TOWNSHIP K-8 SCHOOL DISTRICT

VALLEYVIEW MIDDLE SCHOOL LAKEVIEW ELEMENTARY SCHOOL RIVERVIEW ELEMENTARY SCHOOL

PERFORMED FOR:

DENVILLE TOWNSHIP K-8 SCHOOL DISTRICT 400 MORRIS AVENUE, SUITE 279 DENVILLE, NJ 07864

PERFORMED BY:

WESTCHESTER ENVIRONMENTAL LLC 307 N WALNUT STREET WEST CHESTER. PA

APRIL 2016



April 19, 2016, Revised April 25, 2016

Ms. Damaris Gurowsky
B. A. / Board Secretary
Denville Township K-8 School District
400 Morris Avenue, Suite 279
Denville, NJ 07834

Re: LEAD IN DRINKING WATER REPORT-LAKEVIEW ELEMENTARY

SCHOOL, RIVERVIEW ELEMENTARY SCHOOL AND VALLEYVIEW

MIDDLE SCHOOL, DENVILLE, NEW JERSEY

Dear Ms. Gurowsky:

Please find enclosed the reports for the Lead in Drinking Water sampling conducted for the Denville Township K-8 School District.

If you have any questions, please don't hesitate to contact me at 610-431-7545 or email me at pfinccaa@WestChesterEnvironmental.com.

Sincerely,

Westchester Environmental, LLC

Gall 9 Milas

Paul F. McCaa

Senior Environmental Specialist



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1.0 INTRODUCTION

Westchester Environmental, LLC was contracted by Ms. Damaris Gurowsky to conduct Drinking Water Sampling for Lead, at Lakeview Elementary, Riverview Elementary & Valleyview Middle Schools in Denville, New Jersey.

The water sampling was performed on April 5, 2016 by Paul F. McCaa – Senior Environmental Specialist and Philip Conteh – Environmental Engineer / Certified Lead Risk Assessor of Westchester Environmental, LLC.

The purpose of the assessment was to collect water samples at predetermined locations in the three facilities and have them analyzed for lead levels.

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 water samples were collected and submitted for lead analysis. The tables below show the concentration of lead in parts per billion (ppb) or milligram per liter (mg/L) at each sampled location.

The EPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools" recommends an Action Level of 20 ppb; and 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" recommends an Action Level of 15 ppb. For the purposes of this study, the more stringent Action Level recommended by NJDEP of 15 ppb will be followed.

Locations highlighted in yellow, have lead concentrations greater than the recommended NJDEP Action Level of 15 ppb or 0.015 mg/L, for schools and child care facilities.

Table 1: Lakeview Elementary School

Sample	Location	Result	Result	Action Level	Further Action Recommended
Number		mg/L	ppb	ppb	Yes / No
6041544-01	R-A01/Bubbler	0.004	4	>15	No
6041544-02	R-A02/Sink	0.005	5	>15	No
6041544-03	Outside R-A/Hallway	0.003	3	>15	No
6041544-04	Hallway By A25/Fountain	0.002	2	>15	No
6041544-05	A-03/Sink	ND	ND	>15	No
6041544-06	Hallway By A04/Sink	0.002	2	>15	No
6041544-07	Hallway By A14/Sink	ND	ND	>15	No
6041544-08	A04/Sink	ND	ND	>15	No
6041544-09	Hallway By A05/Fountain	ND	ND	>15	No
6041544-10	Hallway By A08/Fountain	ND	ND	>15	No
6041544-11	Hallway By A11/Fountain	ND	ND	>15	No
6041544-12	R-A13/Sink	0.001	1	>15	No
6041544-13	B08/Sink	0.004	4	>15	No
6041544-14	B12/Sink	ND	ND	>15	No
6041544-15	B07/Sink	0.001	1	>15	No



Sample Number	Location	Result	Result	Action Level	Further Action Recommended
Number		mg/L	ppb	ppb	Yes / No
6041544-16	B06/Sink	0.002	2	>15	No
6041544-17	Hallway By B14/Fountain	ND	ND	>15	No
6041544-18	Hallway By B14/Sink	0.001	1	>15	No
6041544-19	B05/Sink	0.002	2	>15	No
6041544-20	B04/Sink	ND	ND	>15	No
6041544-21	B15/Sink	ND	ND	>15	No
6041544-22	B03/Sink	ND	ND	>15	No
6041544-23	B02/Sink	0.001	1	>15	No
6041544-24	B16/Sink	ND	ND	>15	No
6041544-25	B17-Sink	ND	ND	>15	No
6041544-26	B01-Sink	ND	ND	>15	No
6041544-27	Nurse-Sink	ND	ND	>15	No
6041544-28	Faculty-Sink	ND	ND	>15	No
6041544-29	Outside Sis-Fountain 2	0.002	2	>15	No
6041544-30	Outside Sis-Fountain #1	0.001	1	>15	No
6041544-31	Outside Sis-Sink	0.008	8	>15	No
6041544-32	Sis Bathroom-Sink	0.007	7	>15	No
6041544-33	Library Work Room	ND	ND	>15	No
6041544-34	Computer Lab-Sink	ND	ND	>15	No
6041544-35	Outside Library-Fountain 1	ND	ND	>15	No
6041544-36	Outside Library-Fountain-2	ND	ND	>15	No
6041544-37	C21-Sink Bubbler #1	ND	ND	≥15	No
6041544-38	C21-Sink Bubbler #2	ND	ND	>15	No
6041544-39	C21-Sink Bubbler #3	ND	ND	>15	No
6041544-40	C21-Sink Bubbler #4	ND	ND	>15	No
6041544-41	C05-Sink	ND	ND	>15	No
6041544-42	C06-Sink	ND	ND	>15	No
6041544-43	C07-Sink	ND	ND	>15	No
6041544-44	C17-Sink	ND	ND	>15	No
6041544-45	C08-Sink	ND	ND	>15	No
6041544-46	C09-Sink	ND	ND	>15	No
6041544-47	C10-Sink	ND	ND	>15	No
6041544-48	C16-Sink	ND	ND	>15	No
6041544-49	C15-Sink	ND	ND	>15	No
6041544-50	C14-Sink	ND	ND	>15	No



Sample	Location	Result	Result	Action Level	Further Action Recommended
Number		mg/L	ppb	ppb	Yes / No
6041544-51	C13-Sink	ND	ND	>15	No
6041544-52	C11-Sink	0.001	1	>15	No
6041544-53	C12A-Sink	ND	ND	>15	No
6041544-54	C12B-Sink	ND	ND	>15	No
6041544-55	Outside Gym-Fountain #1	ND	ND	>15	No
6041544-56	Outside Gym-Fountain #2	ND	ND	>15	No

All first draw water samples in Lakeview Elementary School were either ND (Non Detected) or below the NJDEP action level of 15 parts per billion (ppb) or 0.015 milligrams per liter (mg/l), for schools and daycare facilities.



Table 2- Riverview Elementary School

Sample	Location	Result	Result	Action Level	Further Action Recommended
Number		mg/L	ppb	ppb	Yes / No
6041562-01	Room 1-Sink Bubbler	0.010	10	>15	No
6041562-02	By Room 2-Fountain-LHS	0.003	3	>15	No
6041562-03	By Room 2-Fountain-CTR	0.004	4	>15	No
6041562-04	By Room 2-Fountain-RHS	0.009	9	>15	No
6041562-05	Room 2-Sink Bubbler	0.016	16	>15	Yes
6041562-06	Room 3-Sink Bubbler	0.013	13	>15	No
6041562-07	Room 4-Sink Bubbler	0.007	7	>15	No
6041562-08	Room 5-Sink Bubbler	0.006	6	>15	No
6041562-09	Room 6-Sink Bubbler	0.288	288	>15	Yes
6041562-10	Room 7-Sink Bubbler	0.008	8	>15	No
6041562-11	Room 9-Fountain	0.001	ı	>15	No
6041562-12	Room 8-Fountain	0.005	5	>15	No
6041562-13	Room 10-Fountain	0.010	10	>15	No
6041562-14	Hallway By R11-Fountain LHS	0.003	3	>15	No
6041562-15	Hallway By R11-Fountain RHS	0.002	2	>15	No
6041562-16	Room 11-Fountain	0.007	7	>15	No
6041562-17	Room-15 Fountain	0.004	4	>15	No
6041562-18	Opposite 119-H.way/RHS- Fountain	0.008	8	>15	No
6041562-19	Opposite 119-H.way/LHS- Fountain	ND	ND	>15	No
6041562-20	Nurse's Office-Bubbler	0.020	20	>15	Yes
6041562-21	H-Way By M-Office-LHS Fountain	0.005	5	>15	No
6041562-22	H-Way By M-Office-RHS Fountain	0.014	14	>15	No
6041562-23	H Way By R 19-LHS Fountain	0.009	9	>15	No
6041562-24	H Way By R 19-RHS Fountain	0.007	7	>15	No
6041562-25	Opposite R26/H-Way/LHS Fount.	0.027	27	>15	Yes
6041562-26	Opposite R26/H-Way/RHS Fount.	0.008	8	>15	No
6041562-27	By R30/Hallway/LHS Fountain	0.002	2	>15	No
6041562-28	By R30/Hallway/RHS Fountain	0.372	372	>15	Yes

First draw water samples in Riverview Elementary School, in Room 2 sink bubbler, Room 6 sink bubbler, nurse's office bubbler, hallway opposite Room 26 left fountain, and hallway by Room 30 right fountain had lead levels above the NJDEP action level of 15 parts per billion (ppb) or 0.015 milligrams per liter (mg/l), for schools and daycare facilities.



Table 3 - Valleyview Middle School

Sample Number	Location	Result	Result	Action Level	Further Action Recommended
rvamber		mg/L	ppb	ppb	Yes / No
6041561-01	Girls Lockers-Fountain	0.007	7	>15	No
6041561-02	Boys Locker-Fountain	0.010	10	>15	No
6041561-03	Outside Gym-Fountain #1	0.003	3	>15	No
6041561-04	Outside Gym-Fountain #2	0.003	3	>15	No
6041561-05	Lounge-Sink	0.004	4	>15	No
6041561-06	Nurse's Office-Sink	0.005	5	>15	No
6041561-07	Main Office-H2O Cooler	ND	ND	>15	No
6041561-08	Main Hallway-Fountain #1	0.002	2	>15	No
6041561-09	Main Hallway-Fountain #2	0.003	3	>15	No
6041561-10	Lunch Room-Fountain	0.011	11	>15	No
6041561-11	Kitchen Sink-Cafe	0.006	6	>15	No
6041561-12	Upper B-Bath Room-Fountain 1	0.005	5	>15	No
6041561-13	Upper B-Bath Room-Fountain #2	0.002	2	>15	No
6041561-14	Upper B-By B28-Fountain	0.005	5	>15	No
6041561-15	B24-LHS Sink	0.035	35	>15	Yes
6041561-16	B24-RHS Sink	0.032	32	>15	Yes
6041561-17	Lower B-By Bath Room-LHS Fountain	0.004	4	>15	No
6041561-18	Lower B-By Bath Room-RHS Fountain	0.004	4	>15	No
6041561-19	Lower B-Far End-LHS Fountain	0.037	37	>15	Yes
6041561-20	Lower B-Far End-CTR. Fountain	0.004	4	>15	No
6041561-21	Lower B-Far End-RHS Fountain	0.021	21	>15	Yes
6041561-22	Lower B-Life Skills-Sink #1	0.002	2	>15	No
6041561-23	Lower B-Life Skills-Sink #2	0.007	7	>15	No
6041561-24	Lower B-Life Skills-Sink #3	0.089	89	>15	Yes
6041561-25	Lower B-Life Skills-Sink #4	0.006	6	>15	No
6041561-26	C Wing-LHS Fountain	0.099	99	>15	Yes
6041561-27	C Wing-RHS Fountain	0.063	63	>15	Yes

First draw water samples in Valleyview Middle School, in B24 left and right sinks, Lower B/ Far End left fountain, Lower B/ Far End right fountain, Lower B Life Skills sink #3, C Wing left and right fountains had lead levels above the NJDEP action level of 15 parts per billion (ppb) or 0.015 milligrams per liter (mg/l) for schools and daycare facilities.



3.0 SAMPLING AND ANALYSES

First draw samples (water that has been stagnant for a minimum of eight hours) were collected from all three facilities at locations pre-determined by district personnel.

In accordance with the 1988 Lead Contamination Control Act (LCCA), district personnel conducted pre-stagnation flushing at all locations from which samples were to be drawn at approximately 3:00 PM, 4/4/2016. No water was drawn in these facilities prior to sampling the following morning, beginning at approximately 6:00 AM, 4/5/2016.

Fifty six, twenty seven, and twenty eight 250-mL water samples were collected from Lakeview Elementary, Riverview Elementary, and Valleyview Middle School respectively.

All samples were labeled with identification numbers and transported with secure Chains-of-Custody to the Suburban Laboratory for analyses of lead in drinking water using EPA Method 200.8.

-END OF SECTION-



4.0 DISCUSSION & RECOMMENDATION

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 The EPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools" and 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"

Based on a laboratory analyses results the following are recommended:

Immediate / Short Term Action Required:

- 1. Immediately discontinue using water at locations exceeding the NJDEP 15 ppb Action Level.
- 2. Assign a person of contact and immediately communicate with interested parties (Civic Groups, the Media, Parents, etc.) regarding this issue.
- 3. Investigate further to identify the source of lead contamination including conducting a second draw sampling of all locations that exceeded the 15 ppb Action Level.
- 4. Clean aerators and screens (if present) at locations exceeding 15 ppb action level before second draw sampling is conducted.
- 5. Inspect all water coolers to ensure they are not on the list of EPA banned water coolers.
- 6. Review school records to determine if remedial actions have been taken in the past and for use in filling out Plumbing Profile Questionnaire.
- 7. Always flush pipes before use and only use cold water for consumption.
- 8. Provide bottled water to building occupants.

Long Term Action Required:

- 1. Based on the second draw sampling test results, further recommendations will be provided with regards to fountains, coolers, bubblers or plumbing systems.
- 2. Install and maintain EPA approved lead filters or treatment device at all drinking water locations that have exceedances.
- 3. Periodically monitor all drinking water locations for lead content.

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 is an Environmental Testing company and all medical and health questions should be addressed to qualified Medical Professionals.

Westchester Environmental LLC warrants only that the contents of this report constitute an informed discussion of the assessment at the subject properties 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 properties. The user(s) of this information must use their own best judgment to determine the appropriate course of action.

Westchester Environmental LLC

Senior Environmental Specialist

Caul 91 M Can

Paul F. McCaa

-END OF REPORT-



APPENDIX I

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



Results Report

Order 1D: 6041544

West Chester Environmental

307 North Walnut Street

West Chester, PA 19380

Project: Lakeview School

Denville, NJ

Altn: Paul McCaa

Regulatory ID:

Sample Number: 6041544-01

Site: R-A01/Bubbler

Sample ID:

Collector: PM

Collect Date: 04/05/2016 6:20 am

Sample Type: Grab

Prep Date

Prep Date

Analysis Date Ву

Metals

Lead

Department / Test / Parameter

Department / Test / Parameter

0.004

Result

Result

Result

0.003

Result

0.002

mg/L

Units

Units

EPA 200 8

Method

0.001

04/06/16 RPV 04/07/16 23 05

By

RPV

Sample Number: 6041544-02

Site: R-A02/Sink

Sample ID:

Collector: PM

Collect Date: 04/05/2016 6:21 am

Sample Type: Grab

Metals

Lead

0.005

mg/L

FPA 200.8

Method

Method

0.001

R.L.

Analysis Date

RPV

Ву

RPV

RPV

Вy

Sample Number: 6041544-03

Site: Outside R-A/Hallway

Units

Units

Sample ID:

04/06/16 RPV 04/07/16 23.07

Collector: PM

Collect Date: 04/05/2016 6:22 am

Sample Type: Grab

Department / Test / Parameter

Metals

mg/L

EPA 200 8

0.001

R.L.

Prep Date

Analysis Date

Lead

Sample Number: 6041544-04

Site: Hallway By A25/Fountain

04/06/16 RPV

04/09/16 1:08

Collector: PM

Collect Date: 04/05/2016 6:25 am

Sample ID:

Bv

Department / Test / Parameter

Metals

mg/L

Method

Prep Date

Sample Type: Grab

Lead

Sample Number: 6041544-05

EPA 200.8

04/09/16 0 21

Analysis Date

Site: A-03/Sink

0.001

04/06/16 RPV

Prep Date

Department / Test / Parameter

Collector: PM

Collect Date: 04/05/2016 6:26 am

Sample Type: Grab

Sample ID:

Analysis Date

Metals Lead < 0.001

mg/L

EPA 200.8

0.001

04/06/16 RPV

Report Generated On: 04/18/2016 4:44 pm

STL_Results Revision #1.6

6041544

Effective 07/09/2014

SUBURBAN TESTING LABS





Sample Number: 6041544-06 Site: Hallway By A04/Sink Sample ID: Collector: PM Collect Date: 04/05/2016 6:28 am Sample Type: Grab Department / Test / Parameter R.L. Prep Date By Analysis Date Ву Metals Lead 0.002 mg/L **EPA 200.8** 0.001 04/06/16 **RPV** 04/09/16 0:25 **RPV** Sample Number: 6041544-07 Site: Hallway By A14/Sink Sample ID: Collector: PM Collect Date: 04/05/2016 6:29 am Sample Type: Grab Department / Test / Parameter Result Method Prep Date By **Analysis Date** Ву **Metals** Lead < 0.001 EPA 200.8 0.001 04/06/16 RPV 04/09/16 0.27 **RPV** mg/L Sample Number: 6041544-08 Site: A04/Sink Sample ID: Collector: PM Collect Date: 04/05/2016 6:30 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. Prep Date By **Analysis Date** Ву Metals < 0.001 EPA 200.8 0.001 04/06/16 RPV 04/09/16 0:29 **RPV** mg/L Sample Number: 6041544-09 Site: Hallway By A05/Fountain Sample ID: Collector: PM Collect Date: 04/05/2016 6:31 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. Prep Date By **Analysis Date** Βу Metals < 0.001 EPA 200.8 04/06/16 RPV 04/09/16 0:35 RPV Sample Number: 6041544-10 Site: Hallway By A08/Fountain Sample ID: Collector: PM Collect Date: 04/05/2016 6:32 am Sample Type: Grab Department / Test / Parameter Method Result Units R.L. DF Analysis Date B۷ Prep Date By **Metals** Lead < 0 001 mg/L EPA 200.8 0.001 04/06/16 RPV 04/09/16 0:37 RPV Sample Number: 6041544-11 Site: Hallway By A11/Fountain Sample ID: Collector: PM Collect Date: 04/05/2016 6:33 am Sample Type: Grab Department / Test / Parameter Units Method Analysis Date Result R.L. Prep Date Ву Ву **Metals** Lead < 0.001 EPA 200 8 0.001 04/06/16 RPV 04/09/16 0:39 RPV ma/L

Report Generated On: 04/18/2016 4:44 pm

STL_Results Revision #1.6

6041544

Effective: 07/09/2014







Sample Number: 6041544-12	Site: F	R-A13/Sink		Sa	mple ((D:			
Collector: PM	Collect	Date: 04/05/20	16 6:34 am	Sa	mple T	ype Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	0,001	mg/L	EPA 200,8	0.001	1	04/06/16	RPV	04/09/16 0:41	RPV
Sample Number: 6041544-13	Site: E	308/Sink		Sa	ımple li	D:			
Collector: PM	Collect	Date: 04/05/20	16 6 35 am	Sa	mple T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	OF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	0.004	mg/L	EPA 200 8	0.001	1	04/06/16	RPV	04/09/16 0 43	RPV
Sample Number: 6041544-14	Site: [312/Sink		Sa	ample I	D:			
Collector: PM	Collect Date: 04/05/2016 6:37 am			Sa	ample 1	Type Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	< 0.001	mg/L	EPA 200.8	0.001	1	04/06/16	RPV	04/09/16 0 47	RPV
Sample Number: 6041544-15	Site: I	307/Sink		S	ample I	D.			
Collector: PM	Collec	t Date: 04/05/20	016 6:38 am	S	ample '	Type: Grab)		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.001	mg/L	EPA 200 8	0.001	1	04/06/16	RPV	04/09/16 0.49	RPV
Sample Number: 6041544-16	Site:	B06/Sink		S	ample !	ID:			
Collector: PM	Collec	t Date: 04/05/26	016 6 39 am	s	ample '	Type: Grat)		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.002	mg/L	EPA 200 8	0.001	1	04/06/16	RPV	04/09/16 0.51	RPV
Sample Number: 6041544-17	Site:	Hallway By B14/i	Fountain	S	ample	ID:			
Collector: PM		ot Date: 04/05/2		S	ample	Type Grat)		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	< 0.001	mg/L	EPA 200.8	0.001	1	04/06/16	RPV	04/09/16 0:53	RPV

STL_Results Revision #1.6 Effective 07/09/2014







Sample Number: 6041544-18 Site: Hallway By B14/Sink Sample ID: Collect Date: 04/05/2016 6:44 am Collector: PM Sample Type: Grab Department / Test / Parameter Result Method R.L, **Analysis Date** Ву Prep Date By **Metals** RPV Lead 0.001 mg/L EPA 200.8 0.001 04/06/16 RPV 04/09/16 0:59 Sample Number: 6041544-19 Site: B05/Sink Sample ID: Collector: PM Collect Date: 04/05/2016 6:46 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. Prep Date By **Analysis Date** By **Metals** Lead 0.002 EPA 200,8 0.001 04/06/16 RPV 04/09/16 1 01 **RPV** mg/L Sample Number: 6041544-20 Site: B04/Sink Sample ID: Collector: PM Collect Date: 04/05/2016 6:47 am Sample Type: Grab Department / Test / Parameter Units Method R.L. Result Prep Date **Analysis Date** Βv Metals Lead < 0.001 EPA 200 8 0.001 04/06/16 RPV 04/09/16 1:03 **RPV** mg/L Sample Number: 6041544-21 Site: B15/Sink Sample ID: Collector: PM Collect Date: 04/05/2016 6:48 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. DF Prep Date By Analysis Date Ву Metals Lead < 0.001 EPA 200.8 0.001 04/06/16 RPV 04/09/16 1:04 RPV 1 mg/L Sample Number: 6041544-22 Site: B03/Sink Sample 1D: Collector: PM Collect Date 04/05/2016 6:49 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. DE Prep Date By Analysis Date Βу **Metals** Lead < 0.001 0.001 04/06/16 RPV EPA 200.8 RPV 04/09/16 1:06 mg/L Sample Number: 6041544-23 Site: B02/Sink Sample ID: Collector: PM Collect Date: 04/05/2016 6 50 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. Prep Date Analysis Date Βу **Metals** Lead 0.001 mg/L EPA 200.8 0.001 04/06/16 RPV 04/09/16 1,46 **RPV**

Report Generated On: 04/18/2016 4:44 pm

STL_Results Revision #1.6 Effective: 07/09/2014

6041544

SUBURBAN TESTING LABS 1037F MacArthur Road, Reading, PA 19605 Phone: 800-433-6595 Fax: 610-375-4090 suburbantestinglabs.com





Sample ID: Sample Number: 6041544-24 Site: B16/Sink Collect Date: 04/05/2016 6:51 am Collector: PM Sample Type: Grab Department / Test / Parameter Result Units Method R.L. Ву Prep Date By **Analysis Date** Metals Lead < 0.001 mg/L EPA 200.8 0.001 04/06/16 RPV 04/09/16 1 26 Site: B17-Sink Sample ID: Sample Number: 6041544-25 Collector: PM Collect Date: 04/05/2016 6:54 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. **Analysis Date** Ву Prep Date Ву **Metals** RPV Lead < 0.001 EPA 200.8 0.001 04/06/16 RPV 04/09/16 1 28 mg/L Sample Number: 6041544-26 Site: B01-Sink Sample ID: Collector: PM Collect Date: 04/05/2016 6:55 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. Prep Date **Analysis Date** By By **Metals** < 0.001 EPA 200.8 0.001 04/06/16 RPV 04/09/16 1:30 **RPV** Lead mg/L Sample Number: 6041544-27 Site: Nurse-Sink Sample ID: Collector: PM Collect Date: 04/05/2016 6:57 am Sample Type: Grab **Analysis Date** Department / Test / Parameter Result Units Method R.L. DF Prep Date By By **Metals** Lead < 0.001 EPA 200.8 0.001 1 04/06/16 RPV 04/09/16 1:32 **RPV** mg/L Sample Number: 6041544-28 Site: Faculty-Sink Sample ID: Collector: PM Collect Date: 04/05/2016 6 58 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. DF Prep Date By **Analysis Date** Βу **Metals** < 0.001 EPA 200.8 0.001 04/06/16 RPV 04/09/16 1 34 RPV Lead mg/L Sample Number: 6041544-29 Site: Outside Sis-Fountain 2 Sample ID: Collector: PM Collect Date: 04/05/2016 6 59 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. Prep Date **Analysis Date** Ву Metals Lead 0.002 mg/L **EPA 200.8** 0.001 04/06/16 RPV 04/09/16 1:36 RPV

Report Generated On: 04/18/2016 4:44 pm

STL_Results Revision #1.6

Effective: 07/09/2014

6041544





Sample ID: Sample Number: 6041544-30 Site: Outside Sis-Fountain #1 Collector: PM Collect Date: 04/05/2016 7:00 am Sample Type: Grab Department / Test / Parameter Method Prop Date By Analysis Date Ву Result Units R.L. **Metals** 04/09/16 1:38 **RPV** Lead 0.001 mg/L EPA 200.8 0.001 04/06/16 **RPV** Site: Outside Sis-Sink Sample ID: Sample Number: 6041544-31 Collector: PM Collect Date: 04/05/2016 7:01 am Sample Type: Grab Department / Test / Parameter Units Method **Analysis Date** Ву Result R.L. DF Prep Date By **Metals** 04/09/16 1.40 RPV Lead 800.0 EPA 200.8 0.001 04/06/16 **RPV** mg/L Sample Number: 6041544-32 Sample ID: Site: Sis Bathroom-Sink Collector: PM Collect Date: 04/05/2016 7:02 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. DF **Analysis Date** Ву Prep Date By **Metals** RPV Lead 0.007 EPA 200.8 0.001 04/06/16 RPV 04/09/16 1:52 mg/L Sample Number: 6041544-33 Site: Library Work Room Sample ID: Collector: PM Collect Date: 04/05/2016 7:05 am Sample Type: Grab Method R.L. Analysis Date Ву Department / Test / Parameter Result Units DF Prep Date Ву Metals Lead < 0.001 EPA 200 8 0.001 04/06/16 RPV 04/09/16 1:22 **RPV** mg/L Sample Number: 6041544-34 Site: Computer Lab-Sink Sample ID: Collector: PM Collect Date: 04/05/2016 7:06 am Sample Type: Grab Department / Test / Parameter Analysis Date Βv Result Units Method R.L. DF Prep Date By **Metals** Lead < 0.001 mg/L EPA 200.8 0.001 04/06/16 RPV 04/09/16 1:54 **RPV** Sample Number: 6041544-35 Site: Outside Library-Fountain 1 Sample ID: Collector: PM Collect Date: 04/05/2016 7:07 am Sample Type: Grab **Analysis Date** Department / Test / Parameter Result Units Method R.L. Prep Date Ву Ву **Metals** RPV Lead < 0.001 mg/L EPA 200.8 0.001 04/06/16 RPV 04/09/16 1 56

Report Generated On: 04/18/2016 4:44 pm

STL_Results Revision #1.6 Effective 07/09/2014

6041544

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Sample Number: 6041544-36			Library-Fount		Sample ID:					
Collector: PM		Collect Date:	04/05/2016	7.08 am	S	ample T	ype: Grab			
Department / Test / Parameter	Result		Units	Method	R.L.	OF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>										
Lead	< 0.001		mg/L	EPA 200.8	0.001	1	04/06/16	RPV	04/09/16 1 58	RPV
Sample Number: 6041544-37		Site: C21-Sir	nk Bubbler #1		S	ample ii	D:			
Collector: PM		Collect Date:	04/05/2016	7.09 am	S	ample T	ype: Grab			
Department / Tast / Parameter	Result		Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>										
Lead	< 0.001		mg/L	EPA 200.8	0.001	1	04/06/16	RPV	04/09/16 2 00	RPV
Sample Number: 6041544-38		Site: C21-Si	nk Bubbler #2		S	ample li	D:			
Collector: PM		Collect Date:	04/05/2016	7:10 am	S	ample 1	ype: Grab			
Department / Test / Parameter	Result		Units	Method	R.L.	OF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>										
Lead	< 0.001		mg/L	EPA 200 8	0.001	1	04/06/16	RPV	04/09/16 2:02	RPV
Sample Number: 6041544-39		Site: C21-Si	nk Bubbler #3	}	S	Sample I	D:			
Collector: PM		Collect Date	04/05/2016	7:11 am	8	Sample 1	lype: Grab)		
Department / Test / Parameter	Result		Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals										
Lead	< 0.001		mg/L	EPA 200.8	0,001	1	04/06/16	RPV	04/09/16 2:04	RPV
Sample Number: 6041544-40		Site: C21-S	ink Bubbler #4	1	5	Sample	ID:			
Collector: PM		Collect Date	: 04/05/2016	7:12 am	5	Sample '	Type: Grat	}		
Department / Test / Parameter	Result		Units	Method	R.L.	DF	Prep Date	θу	Analysis Date	Ву
Metals										
Lead	< 0.001		mg/L	EPA 200.8	0.001	1	04/06/16	RPV	04/09/16 2:10	RPV
Sample Number: 6041544-41		Site: C05-S	ink		;	Sample	ID:			
Collector: PM		Collect Date	: 04/05/2016	7:13 am	:	Sample	Type: Gral)		
Department / Test / Parameter	Resul	t	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals										
Lead	< 0.00	1	mg/L	EPA 200.8	0.001	1	04/06/16	RPV	04/09/16 2 12	RPV

STL_Results Revision #1.6 Effective 07/09/2014







Sample Number: 6041544-42 Collector: PM	Site: C0 Collect I	06-Sink Date: 04/05/2016	7:14 am		ımple IC); ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	< 0.001	mg/L	EPA 200.8	0.001	1	04/06/16	RPV	04/09/16 2:14	RPV
Sample Number: 6041544-43	Site: Ci	07-Sink		Si	ample II	D: ::			
Collector: PM	Collect	Date: 04/05/2016	7:15 am	Si	ample T	ype: Grab			
Department / Test / Parameter	Result	Unite	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	< 0.001	mg/L	EPA 200 8	0.001	1	04/08/16	RPV	04/11/16 20.05	RPV
Sample Number: 6041544-44	Site: C	17-Sink		s	ample II	D:			
Collector: PM	Collect	Date: 04/05/2016	3 7:17 am	S	ample T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	< 0.001	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/11/16 20 07	RPV
Sample Number: 6041544-45	Site: C	08-Sink		S	ample 1	D			
Collector: PM	Collect	Date: 04/05/201	6 7:18 am	S	ample 1	Type: Grab	ı		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	< 0.001	mg/L	EPA 200 8	0.001	1	04/08/16	RPV	04/11/16 20 09	RPV
Sample Number: 6041544-46	Site: C	09-Sink		5	Sample !	D:			
Collector: PM	Collect	Date: 04/05/201	6 7:19 am	8	Sample 1	Type: Grat)		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	< 0.001	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/11/16 20:11	RPV
Sample Number: 6041544-47	Site: (C10-Sink			Sample	ID:			
Collector: PM	Collec	t Date: 04/05/201	6 7:19 am	5	Sample	Type: Gral	D		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals				-					
Lead	< 0.001	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/11/16 20 17	RPV

STL_Results Revision #1.6 Effective: 07/09/2014





Sample Number: 6041544-48 Collector: PM		Site: C16-Sink Collect Date: 04/05/2016 7:20 am			Sample ID: Sample Type: Grab				
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	< 0.001	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/11/16 20:19	RPV_
Sample Number: 6041544-49 Collector: PM		C15-Sink t Date: 04/05/201	6 7.21 am		imple II imple T	D: ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u> Lead	< 0.001	mg/L	EPA 200.8	0,001	1	04/08/16	RPV	04/11/16 20:13	RPV
Sample Number: 6041544-50 Collector: PM		C14-Sink t Date: 04/05/201	16 7:22 am		ample l ample 1	D: [ype: Grab	1	<u> </u>	
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals Lead	< 0.001	mg/L	EPA 200 8	0 001	1	04/08/16	RPV	04/11/16 20 21	RPV
Sample Number: 6041544-51 Collector: PM		C13-Sink ct Date: 04/05/20	16 7:23 am		ample ! ample '	D: Type: Grab)		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals Lead	< 0.001	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/11/16 20:23	RPV
Sample Number: 6041544-52 Collector: PM		C11-Sink ct Date: 04/05/20	16 7:24 am		ample ample	ID: Type: Gral	D		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals Lead	0.001	mg/L	EPA 200 8	0.001	1	04/08/16	RPV	04/11/16 20 29	RPV
Sample Number: 6041544-53 Collector: PM		C12A-Sink ct Date: 04/05/20	16 7:25 am		ample Sample	ID: Type: Grai	b		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals Lead	< 0.001	mg/L	EPA 200.8	0.001	1	04/08/16	6 RPV	04/11/16 20 31	RPV

STL_Results Revision #1,6 Effective: 07/09/2014





Sample Number: 6041544-54 Site: C12B-Sink Sample ID: Collector: PM Collect Date: 04/05/2016 7:25 am Sample Type: Grab Department / Test / Parameter Result Units Method Prep Date By Analysis Date Ву Metals Lead < 0.001 mg/L EPA 200.8 0.001 04/08/16 RPV 04/11/16 20:33 RPV Sample Number: 6041544-55 Site: Outside Gym-Fountain #1 Sample ID: Collector: PM Collect Date: 04/05/2016 7:26 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. DF Prop Date By **Analysis Date** Ву **Metals** Lead < 0.001 mg/L EPA 200.8 0.001 04/08/16 RPV 04/11/16 20:35 RPV Sample Number: 6041544-56 Site: Outside Gym-Fountain #2 Sample ID: Collector: PM Collect Date: 04/05/2016 7:27 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. DF Prep Date Bv **Analysis Date** Ву Metals Lead < 0.001 mg/L EPA 200.8 0.001 1 04/08/16 RPV 04/11/16 20:37 **RPV**

Data Qualifiers:

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.

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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.

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

Reviewed and Released By:

William Smith Client Services

Report Generated On: 04/18/2016 4:44 pm

STL_Results Revision #1.6

6041544 Effective 07/09/2014



^{**} This report has been Amended (Rev1) and replaces all previous reports for this order ID **

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Date Sampled

Time Sampled

Bottle Quantity

See Codes Below

Matrix

Sample

Bottle Type

Preservative

Type

Comments / Field Data:

Samplers

Initials

Test(s) Requested:

Sample Description / Site ID:

STL Sample

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Address:

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Contact Name:

6041544

Deborah Hannum

ame: 32 KEUIE E

Address:

Fax: Phone: ~ 84. 874-4841

Email: 1210Cac. parale Suitail Payment I P.O. Info:

	~		
Received in Ledb By:	Relinquished By:	down Why	Reinquished By:
Time: 4/5/14	Time: 1406	1 J. 16	Date: 4/5//6
Temp *C. 4 L.	Acceptable: 9/ N	Temp °C:	
40 ml VOA-data free of Ul-	Tasts within holding (Y) N	3	Sample Conditions Submitted with COC? N
Composite 24HC = 24 Hr. Composite	G = Grab 8HC = 8 Hz.	₹ 9	Matrix Key NPW = Non-Potable Water Solid = Raw Studge, Dewatered studge, soll, etc., (reported as mg/kg)
C=Check S±Special M=Maximum Residence	D=Distribution E=Entry Point R*Raw	for SDWA compliance) ster Act Potable Sample	tered sludge, soll, etc.
OH = NaOn O = Other NA = None Required	A = Ascorbic Acid H = HNO ₃ C = HCC S = H ₂ SO ₄	Preservative Key N = Sodium Thiosulfate	Bottle Type Kay P = Plastic G = Glass D = Other
MT/Ha	WReturn a copy of this form with	[] Fax	Reporting Options [] SDWA Reporting PWSID:

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TAT (Circle One): Standard 24hr / 48hr / 72hr (Additional charges may apply for rush TAT, if not specified, standard

Order ID:

Page 11 of 17

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Date Sampled

Time Sampled

Bottle Quantity

Matrix

Sample

Bottle Type

Preservative

Below

Type

Comments / Field Data:

Samplers

Initials

Test(s) Requested: ١

STL Sample

Number

Sample Description / Site ID:





TAT (Circle One): Standard 24hr / 48hr / 72hr (Additional charges may apply for rush TAT. If not specified, standard to Order ID:

Page 12 of 17

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Address:

Contact Name:

Address:

307M. Viduet

Fax: Phone: 404-7774-484/

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Deborah Hannum

Email: McCaa pred Pant / Payment / P.O. Info:

Relinquished By: Date Time: Date <u>r.</u> 11/3-1 JO 11 2:007 1-5 16 304 220 16 116 Acceptable: Y) N Temp & C Acceptable(V) N Temp °C: 19 4 Acceptable: Y / N Temp °C: 40 mt-VGA vials free of headspace? SLF059 Rev. 1.3 Effective May 16, 2013 Tests times All containers in tact? Number of containers
metch number on COC7 (X) Submitted with COC? (1) 2 3 3 24HC = 24 Hr. Composite SDWA = Safe Drinking Water Act Potable Sample PW = Potable Water (not for SDWA compilance) Solid = Raw Studge, Dewatered skidge, soil, etc. (reported as mg/kg) NPW = Non-Potable Water Sample Type Key E=Entry Point R=Raw C=Check S=Special M=Maximum SDWA Sample Types A = Ascorbic Add
H = HNO₃
C = HCC
S = H₂SO₄
OH = N₂SOH
O = Other
NA = Nane P = Plastic G = Glass O = Other N = Sodium Preservative Key Bottle Type Key Return a copy of this form with Report M-Email []Fax PWSID: | | SDWA Reporting Reporting Options 1.5.1

Signing this form indicates your agreement with STL's Standard Terms and Conditions unless otherwise specified in writing. Shaded areas are for STL use only.





6041544 Deborah Hannum

Project Name: AKEVIEW

Address:

W Fax: Email: Mr.carc pullegareth cerayment / P.O. Info:

See Codes Below

Contact Name:

Address:

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Phone:

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Received By: Received in Lab	Relinqu			021	0 20	219	810	710	STL Sample Number
Received By: Received In Lab By:	Relinquished By:	202	E03	1315	1304	B05	-	HALLWAY ST ST4/FOUNTAIN	Sample Description / Site ID:
Day of			+	5		-	7	WAY	Descri
the second	7	SINK	7212	7 23	いってが	SINK	7	1.5	plion / s
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4.5.16 1230 4.5.16 1406 14:06	11.57	_					<u> </u>		
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Submitted wi Number of or match numbs All containers Tests within I times 40 nat-V6A*v headspace?		_	<u> </u>		<u> </u>	<u> </u>		-	Initials
	Sample Conditions							ect on - pros	Test(s) Requested:
Islamers on cocy on cocy on tack on ta	onditions							- مري رئيم -	Reques
								722	ed.
Solid = Raw Shudge Solid = Raw Shudge (reported as PW = Potable wate SDWA = Safe Drail Sample Type K G = Grab 8HC = 8 Hr, Composite 24HC = 24 Hr, Composite								100	
Solid = Raw Shotge, Dewat (reported as mylvg) PW = Potable Water (not fo SDWA = Safe Dirnbing Wet Sample Type Key Sample Type Key BHC = 8 Hr. BHC = 24 Hr. 24HC = 24 Hr. Composite								Š.	
e. Dewate sing/light	Matrix Key							3/4 H23	
tered sludge, so bread sludge, so substitution of the substitution	ey		-					3/11	
NATY = KNN-HORDME WRITER Solid = Raw Studge, Dewatered studge, soil, etc., (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Saile Dimining Water Act Potable Sample Sample Type Key SDWA Sample Types Sample Type Key SDWA Sample Types Sample Type Key SDWA Sample Types G = Grab BHC = 8 Hr. BHC = 8 Hr. Composite Composite Composite Composite Composite Composite Residence			_ _	-	_	د.		~	Bottle Quantity
70000Th 7 00m	255	1 2	, 5	5	7	5	7	PW	Matrix
P = Plasic G = Glass O = Cther Preservative Key N = Socium Thiosufrite A = Ascortic Add H = HNO ₃ C = HO S = HSO ₄ OH = NaOH O = Other N = Naoe Required	형 -	7 7	< <	<	7	<	7	ಕ್ರ	Sample Type
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Order ID:

TAT (Circle One): Standard 24hr / 48hr / 72hr / (Additional charges may apply for rush TAT, If not specified, standard TAT Page 13 of 17 NY.

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5 7 **Bottle Quantity**

See Codes Below

Matrix

Sample

Bottle Type

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Туре

Comments / Field Data:

Date Sampled

Time Sampled

Samplers

Initials

Test(s) Requested:

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Sample Description / Site ID:

STL Sample

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TAT (Circle One): Standard 24hr / 48hr / 72hr Additional charges may apply for rush TAT. If not specified, standard T

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Order ID:

Page 14 of 17 A L

AKEVIE

Denville

Email: Micarpitul & 9 may 1, co Payment / P.O. Info:

Contact Name:

Address:

West Chester

الم ナシ

Fax:

9388 Deborah Hannum

Phone: 454-874-454/

Address:

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Ch Star	Received in Jab By:	Some July	Relinquished By:	AM made	Received By:	W. W.	Relinquished By:
14:06	Date: 4/5/14	Time: 1406	J -5 . H. Sate:	Time: 1225	Date: 4 5 16	Time: / 12000 7.	Date: 11/5/16
Acceptable(X) N	Temp *C: [C]. [L]	Acceptable:(3)/ N	Temp *C: 19-4	Acceptable: Y / N	Temp °C:		
40mt VOA vials free of Y / N	₹(Tests within holding (6) N	All containers in tact?		match number on COC? (Y) N	Constitution of the consti	Sumple Conditions
24HC = 24 Hr. Composits	Camposite	G= GBB	Туре Кеу	SDWA = Safe Drinking W	PW = Potable Water (not for SDWA compliance)	Solid = Raw Sludge, Dewatered sludge, soil, etc.	NPW = Non-Potable Water
M=Maximum Residence	C=Check S=Special	E=Entry Point R=Raw	SDWA Sample Types	Safe Drinking Water Act Potable Sample	for SDWA compliance)	atered sludge, soil, etc.	Matrix Key e Waler
NA = Nane Required	OH = NaIOH O = Other	5 HG	A = Ascorbic Acid	N = Sodium	Preservative Key	G = Glass D = Other	Bottle Type Key
MIL SHO	4.5.1	Report	[]Other	()/Email	[]Fax	PWSID.	Reporting Options

Signing this form indicates your agreement with STL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rev. 1.3 Effective May 16, 2013. Shaded areas are for STL use only.

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COMPUTER LAB-SINK

LIGRARY WORK Sample Description / Site ID:

Room

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Bottle Quantity

See Codes Below

Matrix

Sample

Bottle Type

Preservative

Type

Comments / Field Data:

90:40

Date Sampled

Time Sampled

Samplers

Initials

STL Sample

Comments:

Address:

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OUTSIDE LIBRARY- FOUNTAIN L

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6041544

Deborah Hannum

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Phone: 484-574-4841

Address:

Email: Miccompany to grant 1 och Dayment I P.O. Info:

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TAT (Circle One): Standard 24hr / 48hr / 72hr / O (Additional charges may apply for rush TAT If not specified, standard TAT) Order ID:

Page 15 of 17

II .	20		.XO		-,1	_	_
Time: 41 OF Acceptable 2 N Acceptable 2 N headspace? V N 24	Received in Lab/By:	James Wy	Rolinquished By:	John Wy	Received By:	JAM Cra	Reinquismed by
Time: 4106	Dale: 4/5/16	1406	Date: 4 5-16	Time: (220	Date: 4-5-16	Time: 2100 2	Name 4/15/16
Acceptable N	Temp *C: [1].1-1	Acceptable (9 / N	Temp *C: 14 4	Acceptable: Y / N	Temp °C:		1
40 mt VOA vide foe of ~ (C. headepace?	÷ (Tests within holding Y/N	All containers in tact?		Number of containers match number on COC7 Y N	Outside part coord	TO IT
76 8	Caturnie	2 6	60	S	ş	So	Z Z
24HC = 24 Hr. Composits	Composite		з Тура Кеу	SDWA = Safe Drinking W	reponed as max = Potable Water (not	id = Raw Sludge, Dev	W = Non-Potable Wat
IHC = 24 Hr. Composits	mposite	= Grab D=Distribution E=Entry Point D=Paw	: Type Key	WA = Safe Ditriting Water Act Potable Sample	(reported as ingrag) PW = Potable Water (not for SDWA compliance)	Solid = Raw Studge, Dewatered studge, soil, etc.	NPW = Non-Potable Water
IHC = 24 Hr. M= Composite	imposite C=Check S=Special		Type Key SDWA Sample Types			id = Raw Studge, Dewatered shudge, soil, etc. G = Gitass O = Other	Key





SUBURBAN TESTING LABS

Address: 307 11. Walnut St

Jest Chester, In

19380

Phone: 437-374-434/

Address:

ewoille

Email: hicket he wild she with de Payment / P.O. Info:

See Codes Below

Comments:

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TAT (Circle One): Standard 24hr / 48hr / 72hr / Ot (Additional charges may apply for rush TAT. If not specified, standard TAT w Order ID:

Page 16 of 17

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Signing	Receive	Relinqu	Received By:	Relinqu	048	,			240	 440 	043	2,710	041	STL Sample Number
Signing this form indicates your agreement with STL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rev. 1.3 Effective May 16, 2013. Shaded areas are for STL use only:	Received in Lab By:	Relinquished By:	d By:	Relinquished By:	615	010	,	-600	07	E12	407	907	COS-SINK	Samp
indicates for STL	18 × 18	1/ 1/2	1	B	1	- 1		- 1	00	1	1	1	-5:	e Des
your agi	3/2/	1	}	2	٧٠ ٢	7		い ジ ス ス	5127	メント	SIZK	ビニア	7	cription
reament .		-	<u></u>	6	P			ァ	7	7	*			Sample Description / Site ID:
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Terms a	Date:	Date:	Time:	Date:					i					
nd Condi	H/5/14	4.5.16	2000 L		-	_							1	
tions unle	0, 8	9		23,000	'	7	7	7	7	7	7	7	4/5/16	Date Sampled
ss other	Тетр	Temp	Temp *C:		0	2 0).	0,	0	0	0	O		
wise spec	Temp *C: { 4. L.	16. 10. due	Temp *C:		07.70	3	2.19	61:40	31:40	41:40	7:15	41:40	21:40	Time Sampled
ified in w	z 'L :	ع اسور	z				\exists				' _		70	
ming. St	E 45	하 올	7 2	: &		7	7	7	5	1	7	5	3	Samplers Initials
F059 Re	times 40-mt_VOA_vtels free of headspace?	All containers in tact? Tests within holding	Number or contenters match number on COC?	Sample Cond Submitted with COC?		_							-	Tes
v. 1.3 Eff	wheels free	s in tact?	er on CO	Sample Conditions led with COC?									Bus	Test(s) Requested:
active Ma	4 2 (x) x			ditions									- 65	queste
y 16, 201	* 5 ×	2	Z	z	<	-					-	-	Ces	G.
ធ្	= 2H	Sample G = Grab	PW = Pc	NPW = I				 						
	8 Hr. Composite = 24 Hr. Composite	Sample Type Key = Grab	sate Dra	Matrix NPW = Non-Potable Water Solid = Raw Studge, Dewal (reported as mg/kg)									a do	
		1000	ter (not for nking Wa	Matrix Key ble Water je, Dewatered as mg/kg)									23	
	R=Raw C=Check S=Special M=Maximum Residence	SDWA Sample D=Distribution E=Entry Point	# SDWA	Key tered sho									1/4	
	emos num	SDWA Sample Types D=Distribution E=Entry Point	PW = Potable Water (not for SDWA compliance) SDWA = Safe Drinking Water Act Potable Sample	Matrix Key NPW = Non-Potable Water Solid = Raw Studge, Dewatered shdge, soll, etc. (reported as mg/kg)			طنب	-		-				Bottle Quantity
		grant and	(1) TABLE			5	7	7	7	<	7	7	ML	Matrix
	S = H ₂ SO ₄ OH = NaOH O = Other NA = Nane Require	Thiosulfate A = Ascorbic Add H = HNO ₃ C = HC1	Preservati N = Sodium	Bottle Ty P = Plastic G = Glass O = Other		7	<u></u>	7	5	5	7	5	3	Sample
	NaOH Wher Name Required	Thiosulfate Ascorbic Acid HNO ₃ HCI	Preservative Key	= Plastic = Cither	-	5	7	7	5	7	7	7	טר	Sample Type Bottle Type
		ir mystery		September 1991	-	5	5	7	7	1	7	5	₹	Preservative
	Report	[] Other	[]Fax	Reporting C [] SDWA Reporting PWSID:	_	_		<u> </u>	\ <u>'</u>	<u> </u>	'	 	HNO.3	
	JEV 7.51	copy of t		A Reporting	1								\ \ \ \ \ \ \	Comments / Field
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Date Sampled

Time Sampled

Bottle Quantity

See Codes Below

Matrix

Sample

Bottle Type

Preservative

Туре

Comments / Field Data:

Samplers Initials

Test(s) Requested: i

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7 ž Sample Description / Site ID:

STL Sample

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6041544

TAT (Circle One): Standard 24hr / 48hr / 72hr (Additional charges may apply for rush TAT, if not specified, standard Order ID:

Page 17 of 17

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Address: ame: بغلااه ن نعص

Email: 100 Care product of Mail of Hamment / P.O. Info:

Contact Name:

Address:

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Deborah Hannum

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Phone: 484-874-4841

A Tourse of Section 1	THE ROYAL STREET, NO. OF COLUMN STATES AND	STATES AND A SECRETARY PLANS OF	COM MENTAL PROPERTY CONTRACTOR SOURCE		- 1	1/4/
Required	Residence	Z4RC = Z4 FF. Composite	headspace?	Acceptable(Y) N	Time:	SI M.
O = Other NA = Noos		Composite	3/2/2	Temp *C: 14.4	Date: 4/5/16	Received in Lab By:
S = HSCI C = HSCI C Report C Report		8HC = 8 Hr.	Tests within holding (V) N	Acceptable (y) N	9 Ch! isun	James Alla
rbic Acid	D=Distribution t	G = Grab	All culturalistis in leave	Temp *C: 1 9. 1	Date: 4.5 16	Relinquished By:
N = Sodium Thiosuffate (Altmail		SDWA = Safe Drinkin		Acceptable: Y / N	1230 Imi	John Mills
Preservative Key [] Fax	PW = Potable Water (not for SDWA compilance)	PW = Potable Water	match number on COC? (Y) N	Temp *C:	Pare 1. 2.16	Received By:
O = Other PWSID:	ared sludge, soil, etc.	Solid = Raw Sludge, Dewate (reported as mg/kg)			12:00	FM Con
P = Plastic [] SDWA Reporting		NPW = Non-Potable Water	Submitted with COC? (Y) N		4/5/16	Tompanion of
Bottle Type Key	Matrix Key	M. Other Co. of the Co	Sample Conditions		Date: /	Beliggished By

Signing this form indicates your agn Shaded areas are for STL use only.



Results Report

Order ID: 6041562

West Chester Environmental

Project: Riverview School

307 North Walnut Street West Chester, PA 19380

Denville, NJ

Attn: Paul McCaa

Regulatory ID:

Sample Number: 6041562-01

Site: Room 1-Sink Bubbler

Sample ID:

Collector: PM

Collect Date: 04/05/2016 8:38 am

Sample Type: Grab

Prep Date

Βу **Analysis Date**

Metals

0.010

Result

Result

Result

mg/L

Units

Units

EPA 200 B

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RPV 04/12/16 21 47 04/08/16

Ву

RPV

Ву

RPV

Ву

RPV

RPV

RPV

Lead

Sample ID

Collector: PM

Department / Test / Parameter

Department / Test / Parameter

Sample Number: 6041562-02

Site: By Room 2-Fountain-LHS

Collect Date: 04/05/2016 8:39 am

Sample Type: Grab

Metals

Lead

0.003

mg/L

EPA 200.8

Method

0:001

R.L.

0.001

Prep Date 04/08/16

Analysis Date

Sample Number: 6041562-03

Site: By Room 2-Fountain-CTR

Sample ID.

RPV

04/12/16 21:49

Collector: PM

Collect Date: 04/05/2016 8:40 am Units

Sample Type: Grab

Analysis Date

Lead

mg/L

EPA 200 8

Method

R.L

Prep Date

Metals

Sample Number: 6041562-04

Collector: PM

Department / Test / Parameter

0:004

0.001

04/08/16 RPV

Bv

04/12/16 21:51

Site: By Room 2-Fountain-RHS Collect Date: 04/05/2016 8:41 am

Sample ID:

Sample Type: Grab

Department / Test / Parameter

Result

Result

0.016

Units

Prep Date By

Analysis Date

Metals

0.009

mg/L

EPA 200.8

Method

Sample Type: Grab

04/12/16 21 53

0.001

04/08/16 RPV

Collector: PM

Sample Number: 6041562-05

Site: Room 2-Sink Bubbler

Collect Date: 04/05/2016 8:42 am

Sample ID:

Analysis Date

Department / Test / Parameter

Metals Lead

mg/L

EPA 200.B

0.001

Prep Date

Report Generated On: 04/18/2016 4:52 pm STL Results Revision #1.6

6041562

Effective: 07/09/2014

SUBURBAN TESTING LABS



1037F MacArthur Road, Reading, PA 19605 Phone: 800-433-6595 Fax: 610-375-4090 suburbantestinglabs.com



Sample Number: 6041562-06	Site: Room 3-Sink Bubbler			Sai					
Collector: PM	Collect Date: 04/05/2016 8 42 am			Sa					
Department / Test / Parameter	Result	Units	Method	R.L	DF	Prep Date	Ву	Analysis Date	Ву
Metals .									
Lead	0.013	mg/L	EPA 200,8	0.001	1	04/08/16	RPV	04/12/16 22:09	RPV
Sample Number: 6041562-07	Site: F	Room 4-Sink Bubb	oler	Sa	mple i0	D;			
Collector: PM	Collect	Date: 04/05/201	16 8:43 am	Sa					
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	0,007	mg/L	EPA 200,8	0,001	1	04/08/16	RPV	04/12/16 22 11	RPV
Sample Number: 6041562-08	Site: F	Room 5-Sink Bubb	oler	Sa	mple II	D:			
Collector: PM	Collec	t Date: 04/05/20	16 8 44 am	Sa	mple T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.006	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 22:13	RPV
Sample Number: 6041562-09	Site: I	Room 6-Sink Bub	bler	Sa	imple l	D:			
Collector: PM	Collec	t Date: 04/05/20	16 8:46 am	Sa	ample 1	Type: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.288	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 22 15	RPV
Sample Number: 6041562-10	Site	Room 7-Sink Bub	bler	S	ample l	Đ:			
Collector: PM	Collec	t Date: 04/05/20	016 8 47 am	Sample Type: Grab					
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.008	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 22 17	RPV
Sample Number: 6041562-11	Site	Room 9-Fountain	1	s	ample I	ID:			
Collector: PM	Colle	ct Date: 04/05/20	016 8.48 am	S	ample	Type: Grat)		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	0.001	mg/L	EPA 200 8	0.001	1	04/08/16	RPV	04/12/16 22 19	RPV

STL_Results Revision #1.6 Effective: 07/09/2014







Sample Number: 6041562-12 Site: Room 8-Fountain Sample ID: Collector: PM Collect Date: 04/05/2016 8:49 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. Prep Date By **Analysis Date** Ву Metals Lead 0.005 EPA 200.8 mg/L 0.001 04/08/16 RPV 04/12/16 22:21 RPV Sample Number: 6041562-13 Site: Room 10-Fountain Sample ID: Collector: PM Collect Date: 04/05/2016 8:50 am Sample Type: Grab Department / Test / Parameter Result Method Units R.L. DF **Prep Date** By **Analysis Date** Ву Metals Lead 0.010 EPA 200.8 0.001 RPV mg/L 04/08/16 RPV 04/12/16 22:23 Sample Number: 6041562-14 Site: Hallway By R11-Fountain LHS Sample ID: Collector: PM Collect Date: 04/05/2016 8:51 am Sample Type: Grab Department / Test / Parameter Result Units R.L. Method Prep Date **Analysis Date** Ву **Metals** 0.003 EPA 200.8 0.001 04/08/16 RPV mg/L RPV 04/12/16 22:25 Sample Number: 6041562-15 Site: Hallway By R11-Fountain RHS Sample ID: Collector: PM Collect Date: 04/05/2016 8:52 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. DF Prep Date Ву **Analysis Date** Ву **Metals** 0.002 EPA 200 B 0.001 RPV mg/L 1 04/08/16 04/12/16 22 27 RPV Sample Number: 6041562-16 Site: Room 11-Fountain Sample ID: Collector: PM Collect Date: 04/05/2016 8:53 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L Prep Date **Analysis Date** Ву **Metals** Lead 0.007 mg/L EPA 200.8 0.001 04/08/16 RPV 04/12/16 22:34 **RPV** Sample Number: 6041562-17 Site: Room-15 Fountain Sample ID: Collector: PM Collect Date: 04/05/2016 8:55 am Sample Type: Grab Department / Test / Parameter Result Units Mathod R.L Prep Date Analysis Date Ву Metals Lead 0.004 mg/L EPA 200.8 0.001 04/08/16 RPV 04/12/16 22:36

Report Generated On: 04/18/2016 4:52 pm

STL_Results Revision #1.6

6041562

Effective 07/09/2014





Sample Number: 6041562-18 Collector: PM	Site: Opposite 119-H,way/RHS- Fount Collect Date: 04/05/2016 12 00 am				mple IC); ype: Grab					
Department / Test / Parameter	Result	Unita	Method	R,L.	OF	Prep Date	9y	Analysis Date	Ðy		
<u>Metals</u>											
Lead	800.0	mg/L	EPA 200_8	0.001	1	04/08/16	RPV	04/12/16 22 38	RPV		
Sample Number: 6041562-19	Site: C	Opposite 119-H.w	ay/LHS- Fount	Sa	ımple II	D:					
Collector: PM	Collect	Collect Date: 04/05/2016 8,58 am				Sample Type: Grab					
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву		
Metals											
Lead	< 0.001	mg/L	EPA 200.8	0,001	1	04/08/16	RPV	04/12/16 22:40	RPV		
Sample Number: 6041562-20	Site: N	Nurses Office-Fou	ıntain	Sa	ample II	D:					
Collector: PM	Collect	Collect Date: 04/05/2016 8:59 am				Sample Type: Grab					
Department / Test / Parameter	Result	Units	Mathod	R.L.	DF	Prep Date	Ву	Analysis Date	θу		
<u>Metals</u>											
Lead	0.020	mg/L	EPA 200 8	0.001	1	04/08/16	RPV	04/12/16 22:42	RPV		
Sample Number: 6041562-21	Site: I	H-Way By M-Offic	ce-LHS Fount.	Sa	ample II	D:					
Collector: PM	Collec	Sample Type: Grab									
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву		
Metals											
Lead	0,005	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 22 44	RPV		
Sample Number: 6041562-22	Site:	H-Way By M-Offic	ce-RHS Fount.	S	ample I	D:					
Collector: PM	Collec	Collect Date: 04/05/2016 9:01 am			ample 1	Type: Grab	1				
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву		
Metals											
Lead	0.014	mg/L	EPA 200 8	0.001	1	04/08/16	RPV	04/12/16 22.46	RPV		
Sample Number: 6041562-23	Site:	H Way By R 19-L	.HS Fountain	S	ample l	ID:					
Collector: PM	Collec	t Date 04/05/20	016 9:02 am	Sample Type: Grab							
Department / Test / Parameter	Result	Units	Mathod	R,L,	DF	Prep Date	Ву	Analysis Date	Ву		
<u>Metals</u>											
Lead	0.009	mg/L	EPA 200,8	0.001	1	04/08/16	RPV	04/12/16 22 48	RPV		

STL_Results Revision #1.6 Effective: 07/09/2014







Sample Number: 6041562-24	Site: H Way By R 19-RHS Fountain				mple IC				
Collector: PM	Collect I	Date: 04/05/201	6 9 03 am	Sa	mple Ty	/pe: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
ead	0.007	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 22:50	RPV
Sample Number: 6041562-25	Site: Op	posite R26/H-W	ay/LHS Fount.	Sa	mple II) :			
Collector: PM	Collect I	Date: 04/05/201	16 9:04 am	Sa	mple T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.027	mg/L	EPA 200,8	0,001	1	04/08/16	RPV	04/11/16 20:43	RPV
Sample Number: 6041562-26	Site: O	pposite R26/H-V	Vay/RHS Fount.	Sa	ımple li	D:			
Collector: PM	Collect	Date: 04/05/20	16 9:05 am	Sa	ample T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.008	mg/L	EPA 200.8	0,001	1	04/08/16	RPV	04/11/16 20 53	RPV
Sample Number: 6041562-27		y R30/Hallway/L			ample II				
Collector: PM	Collect	Date: 04/05/20	16 9:06 am	Sa	ample 3	îype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0,002	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/11/16 20:55	RPV
Sample Number: 6041562-28	Site: B	y R30/Hallway/F	RHS Fountain	S	ample l	D:			
Collector: PM	Collect	Date: 04/05/20	916 9.07 am	Sample Type: Grab					
Department / Test / Parameter	Result	Units	Method	R.L	DF	Prep Date	Θу	Analysis Date	Ву
Metals									
Lead	0.372	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 19 03	RPV
Data Qualifiers:									
Data Qualifiers:									

^{**} This report has been Amended (Rev1) and replaces all previous reports for this order ID **

STL_Results Revision #1.6 Effective: 07/09/2014





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.

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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.

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

Reviewed and Released By:

William Smith Client Services

> Report Generated On: 04/18/2016 4:52 pm STL_Results Revision #1.6







Address: 3c2

W. Walnut

Env 45 Jal

West Chester

9380 Fax:

Email: Mccac newlessing 1: Payment / P.O. Info:

Contact Name:

Comments:

6041562 Deborah Hannum

Phone: 332-385-483

Address: __ rroject Name: Derville, RIVERVIEW

TAT (Circle One): Standard 24hr / 48hr / 72hr / Additional charges may apply for rush TAT, if not specified, standard 17

Order ID:

Schoo Page 7 of 10

E FOR DUSINESS 1-000-000-0327										
Rece Rece	830	430	3 00	D'1	bod	လို	002	DC 1	STL Sample Number	7
Received in Lab By: Received	ROOM SI	ROCK 4- V		RUDIM 2-SINK BUBBLER	V - V -RHS	7 . 7	BY ROW 2 - FOUNTAIN - LHS		Sample Description / Site ID:	
2 9	5	7	7	7	7	7	7	4/5/16	Date Sampled	
Temp °C: 19 4 Acceptable: Y I N Temp °C: 19 4 Acceptable: ② I N Temp °C: 19 14 Acceptable: ③ I N	4430	2t, 34	0842	2430	14.20	0840	0839	8580	Time Sampled	_
Togo Stranger	~	7	5	<	<	<	~	TH	Samplers Initials	
Sample Conditions Submitted with COC? Number of containers match number on COC? All containers in tact?	4							100 d - 00	Test(s) Requested:	
NPW = Non-Potable Water Solid = Raw Siudge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Safe Dirhiving Water Act Potable Sample SDWA = Safe Dirhiving Water Act Potable Sample SDWA Sample Type Key Gereb Gereb								per Debba Es		
Key leared sludge, soil, etc. SDWA compliance) SDWA Sample Sample SDWA Sample Types SDWA Sample Types SDWA Sample Types SCHOCK SCHOCK SCHOCK SCHOCK RESEAU MSMAXImum Residence		_				-		1 7,463	Bottle Quantity	
, etc. urce) ample	5	7	<	7	5	5	~	Σ	Matrix	-
Bottle Type Ke P = Plastic G = Glass O = Chter Preservative Ke Preservative K	7	7	7	7	5	5	5	0	Sample Type	
Bottle Type Key a Plastic a Chee Preservative Key Preservative Key Preservative Key 1 Sodium Thiosufate Thiosufate A La HNOs 1 HNOs	7	7	7	7	7	7	5	7)	Bottle Type	
PWSID: PWSID: []Fax Qumail	7	<	7	7	5	7	5	141127	Preservative	ME
Reporting Options [] SDWA Reporting PWSID: [] Fax Pulmail [] Other Report [] 5 - 10	<u></u>						-	5> 4 CZ	Comments / Fie	

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MIL NAG

4/5/16 14:06





Comments:

Address:

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N. Worknut

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West Chester,

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6041562 Deborah Hanกบรา

Phone: 484-874-484/

Email: M. Coapaul (Cypay) Payment / P.O. Info:

See Codes Below

Address:

Project Name: Je jüville,

RIVERVIEW

TAT (Circle One): Standard 24hr / 48hr / 72hr / (Additional charges may apply for rush TAT, If not specified, standard TA Order ID: Page 8 of 10 epoly)

~ ~										
Reling	910	210	014	210	210	10	010	1,00	STL Sample Number	
Received By: Received In Lab	ROOM 11- FOUNTAIN	T T RHS	HALLWAY BY R11-FOUNTAIN LHS	ROOM 10-	ROOM 8-FOUNTAIN	ROOM 9-FOUNTAIN	ROOM T- V	ROOM 6-SINK BUBBLER	Sample Description / Site ID:	
2020	7	5	7	7	7	7	7	4/5/14	Date Sampled	4
Temp °C: Acceptable: Y / N Temp °C: [{ - 1 } V Acceptable: ① N Temp °C: [{ - 1 } V Acceptable: ② N	5520	0852	1580	08 20	0349	\$480	th 20	9480	Time Sample	d
Subr Num matcu All co Tests times 40-mi	7	7	7	7	7	7	7	N	Samplers Initials	
Sample Conditions Submitted with COC? Number of containers match number on COC? All containers in tact? All containers in tact? Tests within holding times If 2, 40-ml-Y604 stals fige of headspace?	<						_	Lead-os per D	Test(s) Requested:	
Matrix Key NPW = Non-Polable Water Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg) PW = Polable Water (not for SDWA compilance) SDWA = Sale Dinkting Water Act Polable Sample Types Key SDWA Sample Type Key SDWA Sample Types Key SDWA Sample Types Key SDWA Sample Types G = Gratb BHC = 8 Hr, Composite Composite Composite Residence								er Debba CRA 1/6		
Key tared sludge, soil, etc. stared sludge, soil, etc. x SDWA compliance) tar Ad Potable Sample tar Ad Potable Sample Types D=Distribution E=Entry Point E=Entry Point E=Entry Point E=Catheck C=Check	-	_			نہ		_	1 3/4.1	Bottle Quantity	y
	7	7	7	7	7	<	5	PΨ	Matrix	
Bottla Type Key P = Plastic G = Cities D = Other Preservative Key N = Sodium Thiosulfate A Ascorbia Add H = HNO C = HCI S = H ₂ SO ₄ DH = N ₂ SO ₄ D	7	7	5	7	7	7	7	S	Sample Type	See Co
e Key na Key Na Key Add	7	7	5	5	7	5	7	ט־	Bottle Type	See Codes Below
Re [] SDWA PWSID: [] Fax [] Other Report	7	7	7	'	<u>'</u>	۲	<u>``</u>	:- 14/03	Preservative	18
Reporting Options Reporting Options PWSID: [] Fax [] Fax [] Other [] Lotter Report L 5 - 16								23 0HC2	Comments / Fie Data:	

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Acceptable: Y N

40 ml-VGA vials free of headspace?

24HC = 24 Hr. Composite 8HC = 8 Hr. Composite G = Grab







Contact Name:

Comments:

Address:

307

9380

Phone: 484-894-484/

Address:

Client Name: Wester

6041562 Deborah Hannum

Project Name: RIVERVIEW

TAT (Circle One): Standard 24hr / 48hr / 72hr / Other (Additional charges may apply for rish TAT. If not specified, standard TAT was sport). Order ID:

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Maintx Key NPW = Non-Potable Waller Sold = Raw Slutge, Develered shidge, soil, etc. (reported as myRg) PW = Potable Waller SOWA = Safe Diribing Waller Act Potable Sample SOWA = Safe Diribing Waller Somposite South Composite S
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024	12	022	12	201			F.10	Number	
<	Ya Frwt	7	Ha Lund-1	Nurses C	7	Prosine	ROOM 1	Sample Description / Site ID:	
V RHS	R17-LH	7	321240 - W	NURSES OFFICE - FOUNTAIN	7	4.19-H-M	ROOM 15 - FOUNTAIN	ption / Site ID:	
7	023 HWAY BY RIT- LHS FOUNTAIN	-RHS Y	021 HWAY BY MOTERICE-LIPS FOUNT	OUNTAINS	-SH7	PPROSITE 1-19-H-WAY BHS-FOUNT	<u> 2</u>		
7	5	7	7	7	7	7	4/5/16	Date Sampled	1
2,1,0	pgez	0961	0900	1589	0358	4580	5580	Time Sample	4
7	7	7	<	7	7	7	PM	Samplers initials	
								Test(s) Requested:	
	_		<u>-</u>	_	~	_		Bottle Quantit	y
7	7	1	7	7	7	7	PE	Matrix	ý
7	5	7	~	7	7	7	ফ	Sample Type	Sport ac
7	7	7	5	7	7	~	ט־	Bottle Type	See Codes Below
7	7	7	7	7	7	1	工	Preservative	
	ļ							Comments / Flekd	



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Phone: 1184-8911-4841

Address:

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Contact Name:



TAT (Circle One): Standard 24hr / 48hr / 72hr / Other (Additional charges may apply for rush TAT It not specified, standard TAT will apply)

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Order ID:

Project Name: Demille RIVERVIEW Schoo

Email: por cos Bountar gimens

Payment / P.O. Info:

7.70 026 829 025 STL Sample Relinquished By: Received in Lab By: Number BY RSO/HALLWAY / LITS FOUNTAIN OTPESITE RZ6/H-WAY/LHS FOUNT Sample Description / Site ID: RHS FOUNTAIN RHS FOUNT 71 S-H avec Time: Time: Time: 411-216 70:41 415/H 4.5.16 12:00 Europa. 3 O. F. 4/5/16 0904 7 7 7 **Date Sampled** ħj 1) Temp C: 19 4 50 bal Acceptable: Y / N Temp *C: 10907 109 56 Acceptable(Y) N Temp °C: 19.4 Acceptable (V) N Time Sampled 5 NA NA Samplers 7 7 Initials 40.ml_VGA viels free of headspace? Tests within holding times Number of containers match number on COC? Submitted with COC? All containers in tact? Test(s) Requested: Sample Condit -Lord - 05 (V) (1) Z Jula 200 BHC = 8 Hr. Composite 24HC = 24 Hr. Composite PW = Potable Water (not for SOWA compliance) SDWA = Safe Drinking Water Act Potable Sample Solid = Raw Studge, Dewatered studge, soil. etc. (reported as mg/kg) NPW = Non-Potable Water G = Crab Sample Type Key माद्युया Matrix Key 1433 D=Distribution E=Entry Point R=Raw SDWA Sample Types **Bottle Quantity** 3 Matrix 7 7 A = Ascorbic Add
H = HNO₃
C = HCl
S = H₂SO₄
OH = NaOH
O = Otter
NA = None
Required P = Plastic G = Glass O = Other N = Sodium Preservative Key Bottle Type Key P Sample 7 7 7 Type **Bottle Type** 1 7 7 ナルジュ Preservative Return a copy of this form with Report []Fax PWSID: [] Other (A)Email [}SDWA Reporting Reporting Options Comments / Field Data: サイン

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Page 10 of 10



Results Report

Order ID: 6041561

West Chester Environmental 307 North Walnut Street West Chester, PA 19380

Project: Valley View

Attn: Main Email		Re	gulatory ID:						
Sample Number: 6041561-01	Site: G	Girls Lockers-Four	ntain	Sa	mple IE):			
Collector: PM	Collect	Date: 04/05/20	16 7 54 am	Sa	mple T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	OF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	0.007	mg/L	EPA 200 8	0.001	1	04/06/16	RPV	04/06/16 17:07	RPV
Sample Number: 6041561-02	Site: E	Boys Locker-Four	ntain	Sa	ımple II	D :			
Collector: PM	Collect	t Date: 04/05/20	16 7:55 am	Sa	ımple T	ype Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.010	mg/L	EPA 200.8	0.001	1	04/06/16	RPV	04/06/16 17:10	RPV
Sample Number: 6041561-03	Site: (Outside Gym-Fou	ntain #1	Sa	ample II	D:			
Collector: PM	Collect	t Date: 04/05/20	16 7:56 am	Sa	ample T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	0.003	mg/L	EPA 200.8	0.001	1	04/06/16	RPV	04/06/16 17:14	RPV
Sample Number: 6041561-04	Site: (Outside Gym-Fou	ıntain #2	S	ample I	D:			
Collector: PM	Collec	t Date: 04/05/20)16 7:57 am	S	ample 1	Type: Grab	ı		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	0.003	mg/L	EPA 200.8	0.001	1	04/06/16	RPV	04/06/16 17:16	RPV
Sample Number: 6041561-05	Site: 1	Lounge-Sink		S	ample I	D:			
Collector: PM	Collec	ct Date: 04/05/20	016 7:58 am	S	ample [*]	Type: Grat)		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									

Report Generated On: 04/19/2016 9 01 am 6041561

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STL_Results Revision #1.6 Effective 07/09/2014

mg/L

EPA 200.8

0.001





Lead

04/06/16 RPV 04/06/16 17:18 RPV



Sample ID: Site: Nurses Office-Sink Sample Number: 6041561-06 Sample Type: Grab Collector: PM Collect Date: 04/05/2016 7:59 am **Analysis Date** Ву Method R.L. Prep Date Department / Test / Parameter Units Result Metals 0.001 04/06/16 **RPV** 04/06/16 17 20 **RPV** 0.005 mg/L EPA 200.8 Lead Sample ID: Sample Number: 6041561-07 Site: Main Office-H2O Cooler Sample Type: Grab Collector: PM Collect Date: 04/05/2016 8:00 am R.L. Prep Date Ву Analysis Date Ву Units Method Result Department / Test / Parameter Metals 0.001 04/06/16 RPV 04/06/16 19:15 **RPV** EPA 200.8 < 0.001 mg/L Lead Sample ID: Sample Number: 6041561-08 Site: Main H.Way-Fountain #1 Collect Date: 04/05/2016 8:01 am Sample Type: Grab Collector: PM Mathod R.L. Prep Date Ву **Analysis Date** Units Department / Test / Parameter Result **Metals** 04/06/16 RPV 04/06/16 19:21 **RPV** 0.002 EPA 200.8 0.001 mg/L Lead Sample Number: 6041561-09 Site: Main H.Way-Fountain #2 Sample ID: Collect Date: 04/05/2016 8:02 am Sample Type: Grab Collector: PM Analysis Date Method R.L. Prep Date Ву Ву Units Department / Test / Parameter Result **Metals** EPA 200.8 0.001 04/06/16 **RPV** 04/06/16 19:26 **RPV** 0.003 mg/L Lead Sample ID: Sample Number: 6041561-10 Site: Lunch Room-Fountain Sample Type: Grab Collector: PM Collect Date: 04/05/2016 8:03 am Analysis Date Ву R.L. Prep Date By Department / Test / Parameter Result Units Method DF Metals EPA 200 B 0.001 04/06/16 RPV 04/06/16 19:31 0.011 Lead mg/L Sample Number: 6041561-11 Site: Kitchen Sink-Cafe Sample ID: Collect Date: 04/05/2016 8:04 am Sample Type: Grab Collector: PM Analysis Date Bv Department / Test / Parameter Result Units Method R.L. DE Prep Date By <u>Metals</u> 0.001 04/06/16 RPV 04/06/16 19:37 RPV 0.006 mg/L EPA 200.8 Lead

Report Generated On: 04/19/2016 9:01 am

STL Results Revision #1.6





Sample Number: 6041561-12 Collector: PM	Site: Upper B-Bath Rm-Fountain 1 Collect Date: 04/05/2016 8:05 am			mple IC): ype Grab				
Department / Test / Parameter	Result	Units	Method	R,L	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.005	mg/L	EPA 200,8	0.001	1	04/08/16	RPV	04/12/16 21 02	RPV
Sample Number: 6041561-13	Site; U	Jpper B-Bath Rm-	-Fountain #2	Sa	ample II	D:			
Collector: PM	Collec	Date: 04/05/20	16 8 06 am	Sa	mple T	ype Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.002	mg/L	EPA 200,8	0.001	1	04/08/16	RPV	04/12/16 21:08	RPV
Sample Number: 6041561-14	Site: \	Jpper B-By B28-F	ountain	Sa	ample II	D:			
Collector: PM	Collec	t Date: 04/05/20	16 8:07 am	Sa	ample T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.005	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/15 21.10	RPV
Sample Number: 6041561-15	Site:	B24-LHS Sink		S	ample I	D:			
Collector PM	Collec	t Date: 04/05/20	16 8 08 am	S	ample 1	Type: Grab	,		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.035	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 21:12	RPV
Sample Number: 6041561-16	Site:	B24-RHS Sink		s	ample (D:			
Collector: PM	Collec	ct Date: 04/05/20	016 8 09 am	s	ample 1	Type: Grat)		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.032	mg/L	EPA 200.8	0 001	1	04/08/16	RPV	04/12/16 21:14	RPV
Sample Number: 6041561-17	Site:	Lower B-By Bath	Rm-LHS Fountain	s	ample l	ID:			
Collector: PM	Collec	ot Date: 04/05/20	016 8:13 am	S	ample '	Type: Grat			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.004	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 21:15	RPV

Report Generated On: 04/19/2016 9:01 am 6041561

STL_Results Revision #1.6 Effective: 07/09/2014







Sample Number: 6041561-18 Collector: PM		ower B-By Bath I	Rm-RHS Fountain 16 8:14 am		imple II	D: ype: Grab	_		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals								· · · · · · · · · · · · · · · · · · ·	
Lead	0.004	mg/L	EPA 200 8	0.001	1	04/08/16	RPV	04/12/16 21 21	RPV
Sample Number: 6041561-19	Site: l	ower B-Far End-	LHS Foun.	Sa	ample l	D:			
Collector: PM	Collec	t Date: 04/05/20	16 8:15 am	Sa	ample T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.037	mg/L	EPA 200.8	0,001	1	04/08/16	RPV	04/12/16 21 23	RPV
Sample Number: 6041561-20	Site: I	ower B-Far End-	CTR. Foun.	Sa	ample II	D:			
Collector: PM	Collec	t Date: 04/05/20	16 8 16 am	Sa	ample T	ype: Grab			
Department / Test / Parameter	Result	Units	Mathod	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.004	mg/L	EPA 200 8	0.001	1	04/08/16	RPV	04/12/16 21 25	RPV
Sample Number: 6041561-21	Site: 1	Lower B-Far End-	RHS Foun,	Sa	ample II	D:			
Collector: PM	Collec	t Date: 04/05/20	16 8:17 am	Sa	ample T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.021	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 21:27	RPV
Sample Number: 6041561-22	Site: I	Lower B.Life Skill	s-Sink #1	Sa	ample II	D:			
Collector: PM	Collec	t Date; 04/05/20	16 8:18 am	S	ample T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>								-	
Lead	0.002	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 21 29	RPV
Sample Number: 6041561-23	Site:	Lower B-Life Skill	s-Sink #2	S	ample I	D:			
Collector: PM	Collec	t Date: 04/05/20	016 8:19 am	S	ample 1	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L	DF	Prop Date	Ву	Analysis Date	Ву
Metals									
Lead	0.007	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 21 33	RPV

Report Generated On: 04/19/2016 9:01 am 6041561

STL_Results Revision #1,6 Effective 07/09/2014







Sample Number: 6041561-24	Site: L	ower B-Life Skills	-Sink #3	Sa	mpte II	D:			
Collector: PM	Collect	Date: 04/05/201	6 8 20 am	Sa	imple T	ype: Grab			
Department / Test / Parameter	Result	Units	Mathod	R,L,	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.089	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 21 35	RPV
Sample Number: 6041561-25	Site: L	ower B-Life Skills	-Sink #4	Sa	imple II	D:			
Collector: PM	Collect	Date: 04/05/20	16 8 21 am	Sa	ample T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	0.006	mg/L	EPA 200.8	0,001	1	04/08/16	RPV	04/12/16 21:37	RPV
Sample Number: 6041561-26	Site: 0	C Wing-LHS Foun	itain	Sa	ample I	D:			
Collector: PM	Collec	t Date: 04/05/20	16 8:22 am	S	ample 1	Type: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead	0.099	mg/L	EPA 200.8	0.001	1	04/08/16	RPV	04/12/16 21 39	RPV
Sample Number: 6041561-27	Site: (C Wing-RHS Four	ntain	S	ample I	Đ:			
Collector: PM	Collec	t Date: 04/05/20	16 8.22 am	S	ample 1	Type: Grab	}		
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
Metals									
Lead	0.063	mg/L	EPA 200 8	0.001	1	04/08/16	RPV	04/12/16 21:45	RP\

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.

** This report has been Amended (Rev1) and replaces all previous reports for this order ID **

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

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

Reviewed and Released By:

Deborah Hannum Project Manager

Data Qualifiers:

Report Generated On: 04/19/2016 9:01 am

STL_Results Revision #1.6

Deboat M. Harrem

6041561



920 005

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OUTSIDE GYM- FOUNTAIN # 1

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LOUNGE - SINK

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GIRLS LOCKERS- FOUNTAIN

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Test(s) Requested Land -

Date Sampled

Time Sampled

Bottle Quantity

See Codes Below

Matrix

Sample

Bottle Type

Preservative

Type

Comments / Field Data:

Samplers Initials

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7

Sample Description / Site ID:

STL Sample

Comments: Contact Name: Address:

Unriv.

Way

We 3

Rector

19380

Fax:

Phone:

1481-1168-118H

Email: MCCar Stand for ENTING | Cas 1091 | Payment / P.O. Info:

MICAL



Client Name: 127551 Chester SUBURBAN TESTING LABS

6

Deborah Hannum

Address:

VALLEY MEIN Schoo

TAT (Circle One): Standard 24hr / 48hr / 72hr / (Additional charges may apply for rush TAT. If not specified, standard TAT Order ID: Page 6 of 9

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40-mt-VOA-wals free of X+11-	Tests within holding N	All containers in tact?)	match number on COC7 (V)/ N	(Submitted with COC7 (F) N	Sample Conditions
Composite 24HC = 24 Hr. Composite	G=GRB	в Туре Кеу	SDWA = Safe Drinking Water Act Potable Sample	PW = Potable Water (not for SDWA compliance)	Solid = Raw Sludge, Dewatered sludge, soil, etc. (reported as mg/kg)	NPW = Non-Potable Water	Matrix Key
S=Special M=Maximum Residence	E=Entry Point R=Raw	SDWA Sample Types	iter Act Potable Sample	or SDWA compliance)	rtered sludge, soil, elc.)		Key
O = Other NA = None Required	S=HSO.	A = Ascorbic Acid H = HNO	N = Sodium	Preservative Key	G = Glass O = Other	P = Plastic	Bottle Type Key
ラモナ	AReturn a copy of this Report	Other	A Email]Fax	PWSID:	{ SDWA Reporting	Reporting Option

Signing this form indicates your ogreement with STL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rov. 1.3 Effective May 16, 2013. Shaded areas are for STL use only.

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BHC = 8 Hr.

Composite

D=Distribution
E=Entry Point
R=Rew
C=Check
S=Special
M=Maximum
Residence

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A = Ascorbic Add
H = HNO₃
C = HO
S = H,SO₄
OH = NaCH
O = Other
NA = None
Required

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24HC = 24 Hr. Composite

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Sample Type Key

SDWA Sample Types

SDWA = Safe Drinking Water Act Potable Sample PW = Potable Water (not for SDWA compliance) Solid = Raw Shudge, Dewatered sludge, soil, (reported as mg/kg)

N = Sodium Preservative Key

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[] SDWA Reporting

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Number of containers netch number on COC7 (Y) N

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NPW = Non-Potable Water

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P = Plastic G = Glass O = Other

Bottle Type Key

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Date:

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Time:

Client Name: [] Per to her trans UBURBAN ESTING LABS

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Phone:

Address:

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Email: MCCo-Lpa: 16 Shiz: 100 Payment / P.O. Info:

Contact Name:

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Comments:

6041581 Deborah Hannum

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VALLEY VIE

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Order ID:

TAT (Circle One): Standard 24hr / 48hr / 72hr / (Additional changes may apply for rush TAT If not specified, standard TAT Page 7 of 9

012 016 510 200 1000 614 013 STL Sample Number 5 5 UPPER LUNCH REDIN-FOUNTAIN MAIN H-WAY-FOLINTAIN スコロエロス Sample Description / Site ID: 24 7 1 ı SHI アエン B-BATH RM-FOUNTAIN SINF 5 SINK - CAFE グラン B28-FOUNTAIN F #2 91/5 9 7 7 7 ? Date Sampled 10801 0 Ö. 0 0 308 400 ĊÜ ŝ Ø ر 19 cψ Time Sampled 6 Q. C C ы Samplers 7 7 7 7 Z Initials Leid- as Test(s) Requested: 2 رمططعا **Bottle Quantity** _ PW 7 Matrix 7 7 7 ক Sample 7 7 1 7 7 7 7 Type V 5 **Bottle Type** 7 1 7 7 FUMF Preservative Reporting Options Comments / Field Data: 7 # (بع

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Contact Name:

Address:

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Email: MCCace puller Spuit Payment I P.O. Info:

See Codes

Phone: 484-854-4841

Address: Jesa,1011

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6041561 Deborah Hannum

Project Name: VALLEY VIEW

TAT (Circle One): Standard 24hr / 48hr / 72hr / O. (Additional charges may apply for rush TAT. If not specified, standard TAT v.

Order ID:

Page 8 of 9

S 024 023 020 213 810 110 STL Sample 12 21 Relinquished By Received in Lab B) Number LOWIER Sample Description / Site ID: 1 7 7 5 5 J B-81 BATH -1156 -FAR END-LIS FOUN 7 5 SKILLS-SINK #1 7 7 7 -RHS FOUNTALL -CTR. FOUN RM-FOUNTAIN -FGUNTAIN Date: नितात: Date: 4,5 FIS Time: 12100P |ည 4.21% 1920 G 4 6 6 15/16 7 7 7 7 Date Sampled 1 Temp °C: Acceptable(Y) N Temp °C: 1.4 AcceptabléyY) N Temp "C: 19. 4 Acceptable: Y / N 0314 0 0 O න ර 0 O 4 ريي c0 1 c-Q à c/J 5 Time Sampled -5 6 W 4 7 7 Samplers 7 7 7 کے Initials Tests within holding times Number of containers with Number on COC7 V N Submitted with COC? Sample Conditions Lead-is est(s) Requested: (T) (V) 20 3 g z 24HC = 24 Hr. Composite SDWA = Safe Drinking Water Act Potable Sample PW = Potable Water (not for SDWA compliance) Solid = Raw Studge, Dewatered sludge, soil, etc. (reported as mg/kg) NPW = Non-Potatile Water De High Sample Type Key 3/1-43-3 Matrix Key D=Distribution
E=Entry Point
R=Raw
C=Check
S=Special SDWA Sample Types _ **Bottle Quantity** PE Matrix 7 7 7 A = Ascorbia Add
H = HNO₃
C = HCl
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OH = NaOH
O = Other
NA = Nane P = Plastic G = Glass O = Other N = Sodium Preservative Key **Bottle Type** 7 \mathcal{L} Sample 7 7 7 7 Type マ 7 5 7 **Bottle Type** 7 7 7 Key HIV Return a copy of this form wi []Fax 7 Preservative []Other TEmail 7 PWSID: 7 SDWA Reporting Reporting Options Comments / Field Data: 4 4.5.16 $\hat{}$

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30:11



6041561 Deborah Hannum

TAT (Circle One): Standard 24hr / 48hr / 72hr / Other (Additional charges may apply for rush TAT: If not specified, standard TAT will apply)

Order ID:

Fax: 193801 Address: 307 North Walnut St. Client Name: Westchester ENV. liest Chuster Contact Name:

Comments:

Phone: 434-874-434/

Project Name: VALLEY VIEW Denville Address:

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NPW = Non-Potable Water P = Plastic Soid = Raw Studge, Dewatered sludge, soil, etc. G = Glass C = Class C = Class	SDWA compliance) Preservative Key	and the later of	D=Distribution H = HNO, (2) Return a copy of this form with C = HC (2) Point C = HC (2) Point (3)		in NA = None Required
N (S)	Number of containers. Transch number on COC? (Y) N PW = Potable Water (not for some containers)	Š	S=Grab) \[\frac{7}{7}	free of TN 24HC = 24 Hr. Composite
Submitted with COC?	Number of cor match number	All containers in fact?	Tests within holding		40-mt - VOA-wale free of heedspace?
Submit	Temp *C: match number of cor	7	Acceptable 1 N Tests within hole	Temp °C: [9 4	Acceptable In headspace?
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FOLLOW UP TESTING FOR LEAD IN DRINKING WATER REPORT

DENVILLE TOWNSHIP K-8 SCHOOL DISTRICT

VALLEYVIEW MIDDLE SCHOOL RIVERVIEW ELEMENTARY SCHOOL

PERFORMED FOR:

DENVILLE TOWNSHIP K-8 SCHOOL DISTRICT 400 MORRIS AVENUE, SUITE 279 DENVILLE, NJ 07864

PERFORMED BY:

WESTCHESTER ENVIRONMENTAL LLC 307 N WALNUT STREET WEST CHESTER, PA

APRIL 2016



TABLE OF CONTENTS

FOLLOW UP TESTING RIVERVIEW ELEMENTARY SCHOOL VALLEYVIEW MIDDLE SCHOOL DENVILLE, NEW JERSEY

1.0	INTRODUCTION
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5.0	DISCLAIMER7

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



1.0 INTRODUCTION

Westchester Environmental, LLC was contracted by Mr. Steven Forte, Superintendent of Denville Township School District to conduct Drinking Water follow up sampling for Lead, at Riverview Elementary & Valleyview Middle Schools in Denville, New Jersey.

The water resampling was performed on April 21, 2016 by Paul F. McCaa – Senior Environmental Specialist of Westchester Environmental, LLC.

The purpose of the assessment was to collect water samples at locations in the two facilities that tested at lead levels above the Action Level of 15 ppb during the first round of testing on April 5, 2016.

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

A follow up of water sample testing was authorized at all locations that exceeded the Action Level of 15 ppb during the first round of testing. A total of 5 locations in Riverview School and 7 locations in Valleview School were tested.

Prior to sample collection on 21 April, 2016, all the 12 points were flushed for a minimum of 15 minutes on the afternoon of 20 April, 2016. A standing sample was collected at each point making sure that the water was stagnant for a minimum of 8 hours prior to collection and a second sample was collected after the water was flushed for 30 seconds.

The results indicated that all the 5 locations in Riverview School with elevated levels continued to have lead levels above the Action Level of 15 ppb for the standing sample and one sample in the flushed sample exceeded the Action Level of 15 ppb.

And in the Valleyview School, the results indicated that 5 of the 7 locations with elevated levels continued to have lead levels above the Action Level of 15 ppb for the standing sample and one sample in the flushed sample exceeded the Action Level of 15 ppb.

Please note that EPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools" recommends an Action Level of 20 ppb; and 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" recommends an Action Level of 15 ppb. For the purposes of this study as in the first round of sampling, the more stringent Action Level recommended by NJDEP of 15 ppb will be followed.

The tables below show the concentration of lead in parts per billion (ppb) or milligram per liter (mg/L) at each sampled location. Locations highlighted in yellow, have lead concentrations greater than the recommended NJDEP Action Level of 15 ppb or 0.015 mg/L, for schools and child care facilities.



Table 1- Riverview Elementary School

Sample Number	Location	Parameter Result		April 21 Second Round Results	Action Level	Further Action Recommended	April 5 First Round Results
ivanibei		Flushed or Standing Draw	mg/L	ppb	ppb	Yes / No	ppb
6043571-01	001 Boiler Room	Flushed	0.004	4	>15	No	
6043571-02	002 Room 2 Sink Bubbler	Standing	0.019	19	>15	Yes	16
6043571-03	003 Room 2 Sink Bubbler	Flushed	0.007	7	>15	No	
6043571-04	004 Room 6 Sink Bubbler	Standing	0.022	22	>15	Yes	288
6043571-05	005 Room 6 Sink Bubbler	Flushed	0.003	3	>15	No	
6043571-06	006 Nurse Office Bubbler	Standing	0.442	442	>15	Yes	20
6043571-07	007 Nurse Office Fountain	Flushed	0.012	12	>15	No	
6043571-08	008 Opp. Rm 26 Hall LHS Fount	Standing	0.079	79	>15	Yes	27
6043571-09	009 Opp. Rm 26 Hall LHS Fount	Flushed	0.010	10	>15	No	
6043571-10	By R230/RHS Fountain	Standing	0.720	720	>15	Yes	372
6043571-11	By R230/RHS Fountain	Flushed	0.020	20	>15	Yes	

For the second round of sampling: First draw (Standing) water samples in Riverview Elementary School, in Room 2 sink bubbler, Room 6 sink bubbler, nurse's office bubbler, hallway opposite Room 26 left fountain, and hallway by Room 30 right fountain had lead levels above the NJDEP action level of 15 parts per billion (ppb) or 0.015 milligrams per liter (mg/l), for schools and daycare facilities. The flushed water sample in RHS Fountain by R230 had lead levels above the NJDEP action level of 15 parts per billion (ppb).



Table 2 - Valleyview Middle School

Sample Number	Location	Parameter	Result	April 21 Second Round Result	Action Level	Further Action Recommen- -ded	April 5 First Round Results
Number		Flushed or Standing Draw	mg/L	ppb	ppb	Yes / No	ppb
6043470-01	F001 Slop Sink/Hall Above BLR Room	Flushed	ND	ND	>15	No	
6043470-02	FD002 B24 - LHS Sink	Standing	0.051	51	>15	Yes	35
6043470-03	Flush003 B24 - LHS Sink	Flushed	0.035	35	>15	Yes	
6043470-04	FD004 B24 - RHS Sink	Standing	0.006	6	>15	No	32
6043470-05	Flush005 B24 - RHS Sink	Flushed	0.003	3	>15	No	
6043470-06	FD006 Lower B - Far End/LHS Fountain	Standing	0.019	19	>15	Yes	37
6043470-07	Flush007 Lower B - Far End/LHS Fountain	Flushed	0.007	7	>15	No	
6043470-08	FD008 Lower B - Far End/RHS Fountain	Standing	0.032	32	>15	Yes	21
6043470-09	Flush009 Lower B - Far End/RHS Fountain	Flushed	0.007	7	>15	No	
6043470-10	FD010 Lower B Life Skills Sink #3	Standing	0.235	235	>15	Yes	89
6043470-11	Flush011 Lower B Life Skills Sink #3	Flushed	0.013	13	>15	No	
6043470-12	FD012 C Wing LHS Fountain	Standing	0.061	61	>15	Yes	99
6043470-13	Flush013 C Wing LHS Fountain	Flushed	0.012	12	>15	No	
6043470-14	FD014 C Wing RHS Fountain	Standing	0.004	4	>15	No	63
6043470-15	Flush015 C Wing RHS Fountain	Flushed	0.001	1	>15	No	

For the second round of sampling: First draw (standing) water samples in Valleyview Middle School, in B24 left sink, Lower B/ Far End left fountain, Lower B/ Far End right fountain, Lower B Life Skills sink #3, C Wing left fountain had lead levels above the NJDEP action level of 15 parts per billion (ppb) or 0.015 milligrams per liter (mg/l) for schools and daycare facilities. The



flushed water sample in LHS Sink in B 24 had lead levels above the NJDEP action level of 15 parts per billion (ppb).

-END OF SECTION-

3.0 SAMPLING AND ANALYSES

First draw samples (water that has been stagnant for a minimum of eight hours) were collected from all 12 at locations in the two facilities that tested at lead levels above the Action Level of 15 ppb during the first round of testing on April 5, 2016..

In accordance with the 1988 Lead Contamination Control Act (LCCA), district personnel conducted pre-stagnation flushing at all locations from which samples were to be drawn, for 15 minutes on 4/20/2016; all locations with screens were also cleaned prior to flushing. No water was drawn in these locations prior to sampling the following morning, beginning at approximately 6:00 AM, 4/21/2016.

Five and seven 250-mL water samples were collected from Riverview Elementary and Valleyview Middle School respectively.

All samples were labeled with identification numbers and transported with secure Chains-of-Custody to the Suburban Laboratory for analyses of lead in drinking water using EPA Method 200.8.

-END OF SECTION-



4.0 DISCUSSION & RECOMMENDATION

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 The EPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools" and 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".

Based on a laboratory analysis after the second round of sampling, the following are recommended:

Immediate Action Required:

- 1. The use of bottled water is to be continued in Riverview and Valleyview Schools.
- 2. Do not use the water at the discharge points exceeding the NJDEP 15 ppb Action Level in Riverview and Valleyview Schools.
- 3. Investigate further to identify the source of lead contamination including review of plumbing drawings and system layouts.

It is important to note that the Lead 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 is an Environmental Testing company and all medical and health questions should be addressed to qualified Medical Professionals.

Westchester Environmental LLC warrants only that the contents of this report constitute an informed discussion of the assessment at the subject properties 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 properties. The user(s) of this information must use their own best judgment to determine the appropriate course of action.

Westchester Environmental LLC

Senior Environmental Specialist

Caul 9: MEan

Paul F. McCaa

-END OF REPORT-



APPENDIX I

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



Results Report Order ID: 6043571

West Chester Environmental 307 North Walnut Street West Chester, PA 19380

Project: Riverview School Denville, NJ

Attn: Matthew Abraham		Re	gulatory ID:									
Sample Number: 6043571-01 Collector: PM		01 Boiler Room Date: 04/21/20	16 635 am		mple I(): ype: Grab						
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву			
Metals												
Lead, Flushed	0,004	mg/L	EPA 200.8	0.001	1	04/22/16	JGY	04/22/16 10:43	JGY			
Sample Number: 6043571-02	Site: 0	102 Room 2 Sink	Bubbler	Sa	mple II	D;						
Collector: PM	Collect	Date: 04/21/20	16 6 38 am	Sa	ample T	ype: Grab						
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Әу	Analysis Date	Ву			
<u>Metals</u>												
Lead, Standing	0.019	mg/L	EPA 200.8	0.001	1	04/22/16	JGY	04/22/16 10 49	JGY			
Sample Number 6043571-03	Site (003 Room 2 Sink	Bubbler	Sa	ample I	D:						
Collector: PM	Collec	t Date: 04/21/20	16 6:39 am	Si	ample 1	ype: Grab						
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву			
Metals												
Lead, Flushed	0.007	mg/L	EPA 200.8	0.001	1	04/22/16	JGY	04/22/16 10 51	JGY			
Sample Number: 6043571-04	Site: (Site: 004 Room 6 Sink Bubbler				Sample ID:						
Collector: PM	Collec	Collect Date: 04/21/2016 6:43 am			Sample Type: Grab							
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву			
Metals												
Lead, Standing	0.022	mg/L	EPA 200.8	0.001	1	04/22/16	JGY	04/22/16 10 53	JGY			
Sample Number: 6043571-05	Site:	005 Room 6 Sink	Bubbler	Sample ID:								
Collector: PM	Collec	t Date: 04/21/20	016 6:44 am	S	ample '	l'ype: Grab)					
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву			
<u>Metals</u>												
Lead, Flushed	0,003	mg/L	EPA 200.8	0.001	1	04/22/16	JGY	04/22/16 10:55	JGY			

Report Generaled On: 04/25/2016 12:27 pm 6043571

STL_Results Revision #1,6







Sample Number: 6043571-06 Site: 006 Nurse Office Fountain Sample ID: Collector: PM Collect Date: 04/21/2016 6:48 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. Prep Date Ву **Analysis Date** 9 **Metals** Lead, Standing 0.442 mg/L EPA 200.8 0.010 10 04/22/16 JGY 04/22/16 11:13 JGY Sample Number: 6043571-07 Site: 007 Nurse Office Fountain Sample ID: Collector: PM Collect Date: 04/21/2016 6:49 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. Prep Date Analysis Date Ву Metals Lead, Flushed 0.012 EPA 200.8 0.001 mg/L 04/22/16 JGY 04/22/16 11.05 JGY Sample Number: 6043571-08 Site: 008 Opp. Rm 26 Hall LHS Fount Sample ID: Collector: PM Collect Date: 04/21/2016 6:53 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. DE Prep Date Ву Analysis Date Βу **Metals** Lead, Standing 0.079 mg/L EPA 200,8 0.001 1 04/22/16 JGY 04/22/16 11 07 JGY Site: 009 Opp. Rm 26 Hall LHS Fount Sample Number: 6043571-09 Sample ID: Collector: PM Collect Date: 04/21/2016 6:54 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. DF Prep Date By Analysis Date Ву **Metals** Lead, Flushed 0.010 ma/L EPA 200.8 0.001 04/22/16 JGY 04/22/16 11:09 JGY Sample Number: 6043571-10 Site: By R230/RHS Fountain Sample ID: Collector:: PM Collect Date: 04/21/2016 6:56 am Sample Type: Grab Department / Test / Parameter Result Units Method Prep Date Ву Analysis Date Ву **Metals** Lead, Standing 0.720 mg/L EPA 200.8 0.010 10 04/22/16 04/22/16 11:16 Sample Number: 6043571-11 Site: By R230/RHS Fountain Sample ID: Collector: PM Collect Date: 04/21/2016 6:57 am Sample Type: Grab Department / Test / Parameter Result R.L. Prep Date **Analysis Date** By Вν **Metals** Lead, Flushed 0.020 mg/L **EPA 200.8** 0.001 04/22/16 JGY 04/22/16 10 34 JGY Data Qualifiers:

Report Generated On: 04/25/2016 12:27 pm

6043571

STL_Results Revision #1.6







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.

Debrat M. Harrum

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:

Deborah Hannum Project Manager

Report Generated On: 04/25/2016 12:27 pm

STL_Results Revision #1.6

6043571



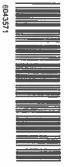
Client Name: 12estchester Env

Address:

Dest Chester

15380

307 N. Wednut St



Deborah Hannum

TAT (Circle One): Standard 24 (48hr)/72hr / Other (Additional charges may apply for rush TAT. If not specified, standard TAT will apply)

ER/44/21

Order ID:

Page 4 of 5

Project Name: RWENVIEW

Schoo

LI

Denville

Fax: Phone: 484-884-484) Address:

Email: 4100000 Payment / P.O. Info:

Contact Name:

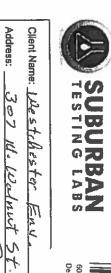
Comments:

L		ired.	O = Other NA = None Required	8 3	Composite C=Check S=Special 24HC = 24 Hr. M=Madmum Composite Residence	ο (Υ / Ν		Temp *C: 231	1/21/16	Liab By: Date:	Received in Lab By:
	A Return a copy of this form with Report	ola Add	A = Ascorbic Add H = HNO ₃ C = HCI S = H ₂ SO ₄	nt a	G = Grab G = Grab E = Enby Point 8HC = 8 Hr. R-Raw	Tests within holding Y/ N 8H		Acceptable(Y/N	1.85%	od By: Time:	Relinquished By
	∰ Email	in i	N = Sodium Thiosulfate	de Sample	le Drinking Wa	c. (Light Fa	Acceptable: Y / N	* 1725	WIN NOW (ID) Time:	
	[]Fax		Preservative Key	npliance)	PW = Potable Water (not for SDWA compliance)	Number of containers metch number on COC? (Y) N PM		Temp*0: 25:0	" 4-21-K	19/10/	Received By
	PWSID:		G = Glass	soil, etc.	Solid = Raw Studge, Dewatered sludge, soil, etc. (reported as mg/kg)		15/4/3			SAM Caco Time:	7) }§
	[] SDWA Reporting		P = Plastic		NPW = Non-Potable Water	Submitted with COC? (Y) N NP		<u> </u>	14/21/16	-	Relinquished By:
'	Reporting Options	VDe Kev	Bottle Type Key		Matrix Key			21/16	- WIW	NHO	
14	W 53	"		- "		1	3 83	6:53	11 mg 51-1	008 m, 26 Hall LHS	6
	357	1	. ``			7	WES 6	6:49	1 MENA!	Norse Office Fountain	
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1	L'Accopin	. :	-	- "		"	3	6:43	Diruce 11	to sink Budoky	
	126:	3	=	-		**	39 BM	6:3	Plush	2 Smit Bubbles /	
	638	: :	-			7	WED 85	6	Draw 1	Ables) F	
15	H 6,36	0	0	1000	200,0	7 pb =PA 2	West of	6:3	4/21/16	Briler Room / Plush	
	Preservative Comments / Field Data:	Bottle Type	Sample Type	Bottle Quantii	Bollo Cuasti	Test(s) Requested:	Samplers Initials	Time Sampled	Date Sampled	Sample Description / Site ID:	STL Sample Number
		See Codes Below	See Co	T							

Signing this form indicates your agreement with STL's Standard Terms and Conditions unless otherwise specified in writing. SLF059 Rev. 1.3 Effective May 16, 2013. Shaded areas are for STL use only.

一会じる 1/21/16 1853





Contact Name:

Comments:

Address:

Dest chester la

18380

Fax

Phone: 484-894-484/

Address: Project Name:

Riverview

Schoo MJ

Derville

McCaa



SUBURBAN TESTING LABS

6043571 Deborah Hannum

읡

TAT (Circle One): Standard 2X(rr (ABhr 1/72hr / Oil (Additional charges may apply for rush TAT will be applied Alandard TAT will

Order ID:

Page 5 of 5

								100		10	<u> </u>
Reinquished By: Dale: 14-21-16 Temp °C: 33 All containers in tact? (Y. N.	Received By:	Relinqu	1				وا				STL Sample Number
Relinquistred By:	WILL W	Relinquished By:						By R230/RHS Fountain	B, R230/RHS	000, Am 26 Hall LHS	Sample Description / Site I
Date: 4-11-16 Time: 13-58 Time: 13-58	Date: 4-31-16	7 Date: 4/2/						21	ایت تما	7 Fromtain	
<u></u>		1/21		13		"	=	=	11	11/12/14	Date Sampled
Temp °C: 3 3 Acceptable(Y) N	Temp to 25	C			/\			6:57	6156	6.554	Time Sampled
Air Tee		en .	C.M	MCS	Popular	Rom	R	Parcio	SW.	Ben	Samplers Initials
All containers in tact? Tests within holding times 40 mt VOA viate free of headspace? V N	Number of containers (V N	Sample Conditions Submitted with COC7 /Y N								The GPA	Test(s) Requested:
G = Grab 8HC = 8 Hr. Composite 24HC = 24 Hr. Composite	Solid = Raw Stridge, Dewatered studge, soil, etc. (reported as mg/kg) PW = Potable Water (not for SDWA compliance) SDWA = Sale Drinkbor Water Act Potable Sample	Matrix H	11	=	il i	*	"	11	-	200,8	
SDWA Sample Types Dribstrbufeq Eschity Point Reflaw C-Check S-Special M-Madrimum Residence	vatered studge, soil, etc.: g) for SDWA compliance) fater Act Potable Semple	Matrix Key • Water		_				-		7	Bottle Quantit
N = Social Thesist A = Ascordia H = HNO, C = HO, S = H,SO, OH = NaOH D = Other NA = Nane Reguln	G = Glass O = Other	Botte)	H	"	5	-	12	-	-	0 md	Matrix Sample
N = Security Thicsuffate A = Ascorbic Acid H = HNO, C = HC) S = H,SO, OH = NaOH O = Other NA = Nane Regulard	∃ = Glass ⊃ = Other Preservative Key	Bottle Type Key	F	3	11	17	+	11	11	0	Type Bottle Type
JA Emass [] Other. M Return Report	PWSID:	1180	=	=	=	=		=	=	エ	Preservative
J Other		Reporting Optic						(holled)	10000	Privite cos	Comments Data:



Results Report

Order ID: 6043470

West Chester Environmental 307 North Walnut Street West Chester, PA 19380

Project: Valley View School Denville, NJ

Attn: Matthew Abraham

Regulatory ID:

Sample Number: 6043470-01

Site: F001 Stop Sink/Hall Above BLR Room

Collector: PM

Sample Type: Grab

Prep Date

Prep Date By

Department / Test / Parameter

Collect Date: 04/21/2016 5:52 am Method

Metals

JGY 04/22/16 9:57 < 0.001 EPA 200,8 0.001 04/22/16 JGY Lead, Flushed mg/L

Sample Number: 6043470-02

Site: FD002 B24 - LHS Sink

Sample ID:

Analysis Date

Ву

Ву

Ву

JGY

Ву

JGY

Sample ID:

R.L

Ву

Collector: PM

Collect Date: 04/21/2016 5:57 am

Sample Type: Grab

Department / Test / Parameter

Metals

EPA 200 B mg/L

0.001

04/22/16 JGY

04/22/16 10:03 JGY

Lead, Standing

Sample Number: 6043470-03

Method

Analysis Date

Site: Flush003 B24 - LHS Sink

Sample ID:

Collector: PM

Result

Result

0.051

Result

Collect Date: 04/21/2016 5:58 am

Sample Type: Grab

Metals

Lead, Flushed

0.035

mg/L

Prep Date

Analysis Date

EPA 200.8

0.001

04/22/16 JGY

04/22/16 11:24

Sample Number: 6043470-04

Department / Test / Parameter

Site: FD004 B24 - RHS Sink

Sample ID:

Collector: PM

Result

Department / Test / Parameter

Units

Collect Date: 04/21/2016 5:59 am

Sample Type: Grab

Prep Date

Analysis Date Ву

Metals Lead, Standing

0.006

mg/L

Sample ID:

JGY

Sample Number: 6043470-05

Site: Flush005 B24 - RHS Sink

EPA 200.8

0.001

04/22/16 JGY

Prep Date

04/22/16 JGY

04/22/16 10 05

Department / Test / Parameter

Metals Lead, Flushed

Collector: PM

0.003

Result

mg/L

Units

Collect Date: 04/21/2016 6:00 am

EPA 200.8

Method

0.001

R.L.

Sample Type: Grab

04/22/16 10:07

Analysis Date

Report Generated On: 04/25/2016 12:27 pm

STL_Results Revision #1.6

6043470 Effective: 07/09/2014

SUBURBAN TESTING LABS





Sample ID: Sample Number: 6043470-06 Site: FD006 Lower B - Far End/LHS Fountain Collector: PM Collect Date: 04/21/2016 6 05 am Sample Type: Grab Department / Test / Parameter Units Method Prep Date **Analysis Date** By Metals Lead, Standing 0.019 mg/L EPA 200.8 0.001 04/22/16 JGY 04/22/16 10:09 JGY Sample Number: 6043470-07 Site: Flush007 Lower B - Far End/LHS Fount Sample ID: Collector: PM Collect Date: 04/21/2016 6:06 am Sample Type: Grab Department / Test / Parameter Result Method Prep Date Ву **Analysis Date** Ву **Metals** Lead, Flushed 0.007 **EPA 200.8** 0.001 1 04/22/16 JGY 04/22/16 10:11 JĠY Sample Number: 6043470-08 Site: FD008 Lower B - Far End/RHS Fountain Sample ID: Sample Type: Grab Collector: PM Collect Date: 04/21/2016 6:07 am Department / Test / Parameter **Analysis Date** Result Units Method R.L. Prop Date By Ву Metals Lead, Standing 0.032 EPA 200.8 0.001 04/22/16 JGY 04/22/16 10:17 JGY Sample Number: 6043470-09 Site: Flush009 Lower B - Far End/RHS Fount Sample ID: Collector: PM Collect Date: 04/21/2016 6:09 am Sample Type: Grab Department / Test / Parameter Result Units Method Prep Date By **Analysis Date** Ву **Metals** Lead, Flushed 0.007 mg/L EPA 200.8 0.001 04/22/16 04/22/16 10:19 JGY Sample Number: 6043470-10 Site: FD010 Lower B Life Skills Sink #3 Sample ID: Collector: PM Collect Date: 04/21/2016 6:12 am Sample Type Grab Department / Test / Parameter Result Prep Date Ву Analysis Date Ву **Metals** 0.235 EPA 200.8 0.001 Lead, Standing mg/L 04/22/16 JGY 04/22/16 10:21 JGY Sample Number: 6043470-11 Site: Flush011 Lower B Life Skills Sink #3 Sample ID: Collector: PM Collect Date: 04/21/2016 6:13 am Sample Type: Grab Department / Test / Parameter Result Units Method R.L. DF Prep Date By **Analysis Date** By <u>Metals</u> Lead, Flushed 0.013 EPA 200 B 0.001 04/22/16 JGY ma/L 04/22/16 10:23 JGY

> Report Generated On: 04/25/2016 12:27 pm STL_Results Revision #1.6

6043470







Sample Number: 6043470-12	Site: FI	0012 C Wing LH	Sa	mple II	D:				
Collector: PM	Collect	Date: 04/21/20	16 6:17 am	Sa	imple T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	9у	Analysis Date	Ву
<u>Metals</u>		"						· · · · · · · · · · · · · · · · · · ·	
Lead, Standing	0.061	mg/L	EPA 200,8	0:001	1	04/22/16	JGY	04/22/16 10:24	JGY
Sample Number: 6043470-13	Site: FI	ush013 C Wing	LHS Fountain	Sa	ample II	D:			
Collector: PM	Collect	Date: 04/21/20	16 6;18 am	Sa	ample T	ype: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>									
Lead, Flushed	0.012	mg/L	EPA 200.8	0.001	1	04/22/16	JGY	04/22/16 10:26	JGY
Sample Number: 6043470-14	Site: Fi	D014 C Wing RI	HS Fountain	Sa	ample II	D:			
Collector: PM	Collect	Date: 04/21/20	16 6:19 am	Sa	ample T	Type: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Βу
Metals									
Lead, Standing	0.004	mg/L	EPA 200_8	0,001	1	04/22/16	JGY	04/22/16 10:28	JG
Sample Number: 6043470-15	Site: F	Sample ID:							
Collector: PM	Collect	Date: 04/21/20	16 6 20 am	S	ample 1	Type: Grab			
Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	Ву	Analysis Date	Ву
<u>Metals</u>		18-							
Lead, Flushed	0,001	mg/L	EPA 200.8	0.001	1	04/22/16	JGY	04/22/16 10 30	JG
Data Qualifiers:									

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:

Deborah Hannum Project Manager Debenat M. Hannem

Report Generated On: 04/25/2016 12:27 pm

6043470

STL_Results Revision #1.6





Contact Name:

McCas

west chester

19380

Address:

307

W. Wadnut S

ENV



TAT (Circle One): Standard / 24/K (1/48hr /) 72hr / Other (Additional charges may apply for rish 1/4] (1/25/47/5) (Additional charges may apply) Order ID:

Email: Mccaapaul Langman Lout Payment I P.O. Info: Phone: 484-894-464/ Address: Project Name: Descrit Vall 70 Lew

Redunquished By Teme: 16.3 Acceptable(Y) N Received in Lab By Time: 18.51 Acceptable(Y) N Time: 18.51 Acceptable(Y) N	Received By:	Reling							17.5		- ;	STL Sample Number
Restricted by With Will Co. Received in Lab By:	(9) My Man	Could M Lica	Pita	FDOOR / PHS	17	Lower B Far and From	B24 RHS SIN/	124-117 Sinds	13 24 - LHS SIM/	124 - LHS SINK	tove	Sample Description / Site ID:
Date: 1/21/16 Time: 1858 Time: 1858	Date: 7/21/16	Date: 4/2/	H-MIM-H	RHS Fountain	CHS .	Fountain	_				BUR	
		116	121/16	"	"	*	1		11	1.	4/21/1	Date Sampled
Temp °C 3	Temp *C: 23.C			6:07	6:06	6:05	6,00	5:59	5:38	5:37	5.52	Time Sampled
	H	F	,	IM. S	WES	Sym	COM	Dom	Mes	Jan .	B	Samplers Initials
	PNA Palaba (Anterior Sylvia) SDWA (Sale Orbits) Water Aut Poster Sur	Section Control of the Control of th		17	11	11	11	" "	Droserved WHNOSCZY JULL	11	Pb 1= PA 200.8	Test(s) Requested:
					_	`	_	-	-	-	-	Bottle Quantity
# 1		Cop 19		`	=	=	17	=	=	=	Pw	Matrix
A PARTIE OF THE	Presimento Kay			11	=	7	1,1	"	1	11	0	Sample Type
Addd.	i G	Ş		2	=	11	2	7	11	11	σ	Bottle Type
Other	[]Fax	I I SDW		7	4	*	*	"	2	11	41	Sample Type Bottle Type Preservative
Cher ARebut a copy of this form with Report		Reporting Opcome [SDWA Reporting PWSID:		First Draw	Flush	First Draw	Flush	First Draw	Flush 72	First Draw	Flush	Comments / Field
				 				P		マギール	PHO	

港市



Contact Name:

M cona

Dest 307

Chester

3

19

380

Phone: 484-854-4841

Comments:



TAT (Circle One): Standary (Additional charges may apply for rust

CRAY 2

Order ID:

hr (48hr.) 72hr / Other

Email: proces per ul for muil con Payment IP.O. Info: Address: Project Name: Demville, Valley View

						(i) 3	8			STL Sample Number	
	23	C	CWING RITS Fountain	CWING RHS FOUNTAIN	CLOING LI+S FOUNTAIN	C wine LHS Fountain	Lower B LifeSKIlls SINK#3	7/1/5	Lower B for and / 7-but to	Sample Description / Site ID:	14
			"	;	4	11	12	11	412/1/ 6:09	Date Sampled	
, "			6:20	6:19	6:18	6 17	6:13	6:12	6:09	Time Sampled	
111		/ /	MED	BOM	MES	Media	Media	Don	Mer	Samplers Initials	
, H 100 m 100 m			4	"	11	4	1/	, ,	8,002 4613 & d	Test(s) Requested:	
			/	/	/	\	/	_	_	Bottle Quantity	
			"	*	7	=	=	-	pw	Matrix	Q
			0	6	6	0	0	e	0	Sample Type	ANIAG SERON SAC
			*	Ħ	-	~	=	=	9	Bottle Type	ACIDO RE
	_		~	V	"	=	<u> </u>	-	1	Preservative	4
		e e	Flush	First Draw	Flush	First Draw	Flush	First Draw	Flush	Comments / Field	
			+					-	~ =		_
			. "						N		

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A Lace

Date: 1/1//6

(EX

(I)

7-12-1 mag

Temp To: 25

[]Fex

PWSID:

47

[] SDWA Reporting

Reporting Options

China

4-1-Return a copy of this form with Report

(1)

Date.

4/21 1555 4-11-16 1725

35.81

Acceptable Y / N Temp (2/3) ibme:

10mp 10: 23 Acceptable (Y/N

Acceptable: Y / N