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MASTERY CHARTER SCHOOLS OF PHILADELPHIA LEAD IN WATER SAMPLING FINAL REPORT

PREPARED FOR:
MASTERY CHARTER SCHOOLS
5700 Wayne Ave.
Philadelphia, PA 19144

PREPARED BY:
SMITHCO ENGINEERING GROUP, INC.
808 Market Street, Suite 336
Camden, New Jersey 08102

DATE: JUNE 17, 2019

MASTERY CHARTER SCHOOLS OF PHILADELPHIA LEAD IN WATER SAMPLING FINAL REPORT

PREPARED BY:

/s/ *Sean S. Smith, Jr.*

Sean S. Smith, Jr.
Project Manager

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/s/ *Sean S. Smith*

Sean S. Smith, Sr.
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MASTERY CHARTER SCHOOLS OF CAMDEN

LEAD IN WATER SAMPLING

FINAL REPORT

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1.0 BACKGROUND

THE SMITHCO ENGINEERING GROUP, INC. (SMITHCO) was authorized by the Mastery Charter Schools of Philadelphia (Mastery) to undertake lead in water sampling.

SCHOOL	ADDRESS
Clymer Elementary	1201 West Rush Street
Francis D. Pastorius Elementary	5650 Sprague Street
Frederick Douglas Lower	2118 W. Norris Street
Frederick Douglas Upper	2118 W. Norris Street
Grover Cleveland Elementary	3701 N. 19 th Street
Hardy Williams Elementary	5400 Warrington Ave.
Hardy Williams High School	5400 Warrington Ave.
Harrity Lower	5601 Christian Street
Harrity Upper	5601 Christian Street
John Wister Elementary	67 E. Brighthurst Street
Mann Elementary	5376 W. Berks Street
Gillespie	1801 W. Pike Street
Smedley Elementary	1790 Bridge Street
Thomas Elementary	814 Bigler Street
Thomas High School	927 Johnston Street
Gratz Prep Lower	1798 W. Hunting Park Ave.
Gratz Prep Upper	1798 W. Hunting Park Ave.
Lenfest Campus	35 S. 4 th Street
Pickett Campus	5700 Wayne Ave.
Shoemaker Campus	5301 Media Street

The Scope of Services were conducted pursuant to the regulations and guidance documents from the Bureau of Safe Drinking Water of the Pennsylvania Department of Environmental Protection having principal responsibility to administer the programs and activities of the Federal Safe Drinking Water Act (40 CFR 141, 142, 143), the New Jersey Safe Drinking Water Act (NJAC

7:10-1 et seq.) and the Environmental Protection Agency (EPA) 3Ts for Reducing Lead in Drink Water in Schools, Revised Technical Guidance.

2.0 APPROACH

2.1 Standard for Safe Drinking Water in Pennsylvania

Public health is of paramount importance in the determination of what constitutes safe drinking water. Drinking water standards are developed by both the Federal and State governments. Quality standards adopted into regulations are the minimum considered necessary for the maintenance of public health. The standards are set for biological contaminants, dissolved chemicals and suspended particulate matter.

The Bureau of Safe Drinking Water of the Pennsylvania Department of Environmental Protection having principal responsibility to administer the programs and activities of the Federal Safe Drinking Water Act (40 CFR 141, 142, 143), the New Jersey Safe Drinking Water Act (NJAC 7:10-1 et seq.) and the Environmental Protection Agency (EPA) 3Ts for Reducing Lead in Drink Water in Schools, Revised Technical Guidance.

In addition, the Environmental Protection Agency (EPA) developed the 3Ts for Reducing Lead in Drink Water in Schools, Revised Technical Guidance, which has been incorporated into these Protocols, because the Agency is concerned about the potential for elevated lead levels in drinking water in schools.

2.2 Safe Drinking Water Compliance Requirements

The EPA recommends that schools collect 250 mL first –draw samples from water fountains and outlets. It is also recommended that the water fountains or outlets that exceed 20 parts per billion (ppb) or 0.020 milligrams of **lead** per liter of **water (mg/L)**. **The EPA strongly recommends that all water outlets in all schools that provide water for drinking or cooking meet the standard of 20 ppb of lead or less.**

2.3 Lead Sampling Collection Approach and Reporting

- (1) All water samples were collected be 250 milliliters (mL) in volume.
- (2) Water samples were collected before the facility opens and before any water is used. Ideally, the water should have sat in the pipes unused for at least 8 hours before the sample is taken.
- (3) It was assured by personnel that no water had been withdrawn from the taps which the samples were to be collected prior to their sampling.
- (4) A unique sample identification number was assigned to each sample collected – use the sampling schematic or numbering system. Record the identification number on the sample bottle and the chain-of-custody form (*see attached*).

2.3.1 Samples were collected as a “initial draw” method. The water was not run first; the sampling technician collected the first flow of water from the tap directly into the pre-cleaned, 250 mL sampling container supplied by the laboratory.

2.3.2. At the point source for sampling, gloves were utilized for sampling.

2.3.3. The bottles/containers were labeled with client information, school information and location of sampling point, complete this before placing the collected sample(s) in a cooler.

2.3.4. After sampling was completed, contact independent laboratory to inform them a pick up is needed; a Chain of Custody (COC) is completed and executed with the representative of the laboratory.

3.0 ANALYTICAL FINDINGS & DISCUSSIONS

3.1 Code Reference Tables

TABLE 1 OUTLET / PLUMBING /SAMPLE CODE				TABLE 2 FUNCTIONAL SPACES	
CODE	TYPE OF OUTLET OR PLUMBING	INITIAL SCREENING (1 ST DRAW) SAMPLES	FOLLOW-UP SAMPLES	CODE FUNCTIONAL SPACE	
S	Services Connection To Distribution Main	1S	1M	KI	Kitchen
A	Bubblers Without Central Chiller	1A	2A	GY	Gymnasium
B	Bubbler With Central Chiller	1B	2B	CF	Cafeteria
-	Central Chiller Unit	-	3B,4B	TC	Teachers' Cafeteria
C	Water Cooler	1C	2C, 3C, 4C	BC	Boys' Cafeteria
D	Bottled Water Dispensers	1D	2D	GC	Girls' Cafeteria
E	Ice Making Machines	1E	2E	CR	Classroom
F	Water Faucets (Tap)	1F	2F	HA	Hallway
				BR	Bathroom
	Interior Plumbing			GB	Girls' Bathroom
G	Laterals	-	1G	BB	Boys' Bathroom
H	Headers	-	1H	RM	Room
I	Loops	-	1I	OF	Office
J	Risers	-	1J	LB	Laboratory
				LI	Library
				MO	Medical Office
				BO	Boiler Room
				LR	Locker Room
				NM	Natatorium
				WP	Water Meter/Pump Room
				SS	Slop Sink

TABLE 3 FLOOR CODES	
CODE	FLOOR
SB	Sub-Basement
BS	Basement
MZ	Mezzanine
01	1 st Floor
02	2 nd Floor
03	3 rd Floor
04	4 th Floor.....etc.

TABLE 4 CONSTRUCTION DATE CODE	
CODE	CONSTRUCTION
0	Original Construction
1	1 st Addition
2	2 nd Addition
3	1 st Modernization
4	2 nd Modernization

3.2 Analytical Results

Comprehensive laboratory results of 565 samples taken and are presented below. The red highlighted Analytical Results indicate an exceedance or are near the permissible levels of 20 parts per billion (ppb) or 0.020 milligrams of lead per liter of water (mg/L). The full set of Analytical Results follows each Section.

3.2.1 CLEVELAND SCHOOL:

LOCATION	ANALYTICAL RESULT
Hall Sink Next to Cafeteria 1 st draw	289 ppb



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Attn:

**Sean Smith
Smithco Engineering Group
808 Market St
Camden, NJ 08102**

4/23/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/3/2019. The results are tabulated on the attached data pages for the following client designated project:

Cleveland School

The reference number for these samples is EMSL Order #011904042. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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EMSL Order: 011904042

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/03/19 9:00 AM

Project: **Cleveland School****Analytical Results**

Client Sample Description 1F-KI-01-0
3 Bowl sink
Collected: 4/3/2019
Lab ID: 011904042-0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-KI-01-0
2nd draw
Collected: 4/3/2019
Lab ID: 011904042-0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2 1F-KI-01-0
Hand Wash sink next to Fridge
Collected: 4/3/2019
Lab ID: 011904042-0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2 2F-KI-01-0
2nd draw
Collected: 4/3/2019
Lab ID: 011904042-0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-BB-GY-01-0
Boys Gym Bathroom
Collected: 4/3/2019
Lab ID: 011904042-0005

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	4.64		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-BB-GY-01-0
2nd Draw
Collected: 4/3/2019
Lab ID: 011904042-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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 Received: 04/03/19 9:00 AM

Project: **Cleveland School****Analytical Results**

Client Sample Description 2F-BB-GY-01-0
2nd Draw
Collected: 4/3/2019
Lab ID: 011904042-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-GB-GY-01-0
Girls Gym Bathroom
Collected: 4/3/2019
Lab ID: 011904042-0007

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-GB-GY-01-0
2nd Draw
Collected: 4/3/2019
Lab ID: 011904042-0008

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.03		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-CR101-01-0
Classroom 101
Collected: 4/3/2019
Lab ID: 011904042-0009

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.22		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-CR101-01-0
2nd Draw
Collected: 4/3/2019
Lab ID: 011904042-0010

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.03		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-HA-01-0
Hall Sink Next to Cafeteria
Collected: 4/3/2019
Lab ID: 011904042-0011

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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Project: **Cleveland School****Analytical Results**

Client Sample Description 1F-HA-01-0 **Collected:** 4/3/2019 **Lab ID:** 011904042-0011
 Hall Sink Next to Cafeteria

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	289 D		10.0 µg/L	4/20/2019	VD	4/20/2019	VD
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Client Sample Description 2F-HA-01-0 **Collected:** 4/3/2019 **Lab ID:** 011904042-0012
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	8.97		1.00 µg/L	4/18/2019	VD	4/18/2019	VD
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Client Sample Description 1F-BR-01-0 **Collected:** 4/3/2019 **Lab ID:** 011904042-0013
 Staff Bathroom 3rd floor back exit

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.92		1.00 µg/L	4/18/2019	VD	4/18/2019	VD
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Client Sample Description 2F-BR-01-0 **Collected:** 4/3/2019 **Lab ID:** 011904042-0014
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/18/2019	VD	4/18/2019	VD
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Client Sample Description 1F-GB-01-0 **Collected:** 4/3/2019 **Lab ID:** 011904042-0015
 Girls Bathroom across from 102

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/18/2019	VD	4/18/2019	VD
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Client Sample Description 2F-GB-01-0 **Collected:** 4/3/2019 **Lab ID:** 011904042-0016
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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Project: **Cleveland School****Analytical Results**

Client Sample Description 2F-GB-01-0
2nd Draw
Collected: 4/3/2019
Lab ID: 011904042-0016

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/18/2019	VD	4/18/2019	VD
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Client Sample Description 1F-BB-01-0
Boys Bathroom nex to 108
Collected: 4/3/2019
Lab ID: 011904042-0017

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/18/2019	VD	4/18/2019	VD
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Client Sample Description 2F-BB-01-0
2nd Draw
Collected: 4/3/2019
Lab ID: 011904042-0018

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/18/2019	VD	4/18/2019	VD
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Client Sample Description 1F-GB-02-0
Girls Bathroom across from 202
Collected: 4/3/2019
Lab ID: 011904042-0019

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/18/2019	VD	4/18/2019	VD
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Client Sample Description 2F-GB-02-0
2nd Draw
Collected: 4/3/2019
Lab ID: 011904042-0020

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

200.8	Lead	ND		1.00 µg/L	4/18/2019	VD	4/18/2019	VD
-------	------	----	--	-----------	-----------	----	-----------	----

Client Sample Description 1F-BB-02-0
Boys Bathroom next to 211
Collected: 4/3/2019
Lab ID: 011904042-0021

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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 Received: 04/03/19 9:00 AM

Project: **Cleveland School****Analytical Results**

Client Sample Description 1F-BB-02-0
 Boys Bathroom next to 211
Collected: 4/3/2019 **Lab ID:** 011904042-0021

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
-------	------	----	--	-----------	-----------	----	-----------	----

Client Sample Description 2F-BB-02-0
 2nd Draw
Collected: 4/3/2019 **Lab ID:** 011904042-0022

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.13		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-GB-03-0
 Girls Bathroom across from 302
Collected: 4/3/2019 **Lab ID:** 011904042-0023

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.44		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-GB-03-0
 2nd Draw
Collected: 4/3/2019 **Lab ID:** 011904042-0024

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.92		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-BB-03-0
 Boys Bathroom Next to 301
Collected: 4/3/2019 **Lab ID:** 011904042-0025

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
-------	------	----	--	-----------	-----------	----	-----------	----

Client Sample Description 2F-BB-03-0
 2nd Draw
Collected: 4/3/2019 **Lab ID:** 011904042-0026

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011904042

CustomerID: SMCG99

CustomerPO:

ProjectID:

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Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/03/19 9:00 AM

Project: **Cleveland School****Analytical Results**

Client Sample Description 2F-BB-03-0
2nd Draw
Collected: 4/3/2019
Lab ID: 011904042-0026

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.01		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-OF-BR-0
Principal Office bathroom
Collected: 4/3/2019
Lab ID: 011904042-0027

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.90		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-OF-BR-0
2nd draw
Collected: 4/3/2019
Lab ID: 011904042-0028

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.03		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-MO-01-0
Nurse sink
Collected: 4/3/2019
Lab ID: 011904042-0029

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.07		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-MO-01-0
2nd draw
Collected: 4/3/2019
Lab ID: 011904042-0030

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/21/2019	VD	4/22/2019	VD
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Definitions:

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.2 CLYMER SCHOOL:

ALL SAMPLES WERE BELOW REGULATORY LIMITS



EMSL Analytical, Inc.

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Attn:

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Smithco Engineering Group
808 Market St
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5/20/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/7/2019. The results are tabulated on the attached data pages for the following client designated project:

Clymer School

The reference number for these samples is EMSL Order #011905544. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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 Received: 05/07/19 9:00 AM

Project: **Clymer School****Analytical Results**

Client Sample Description 1F-KI-01-0
Kitchen Sink
Collected: 5/7/2019
Lab ID: 011905544-0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.20		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-KI-01-0
Kitchen Sink; 2nd Draw
Collected: 5/7/2019
Lab ID: 011905544-0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-GY-01-0
Gym Bathroom; Girls Bathroom
Collected: 5/7/2019
Lab ID: 011905544-0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.13		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-GY-01-0
Gym Bathroom; Girls Bathroom; 2nd Draw
Collected: 5/7/2019
Lab ID: 011905544-0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.28		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-CF-01-0
Cafe Kids Bath; Boys Bathroom
Collected: 5/7/2019
Lab ID: 011905544-0005

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	4.01		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-CF-01-0
Cafe Kids Bath; Boys Bathroom 2nd Draw
Collected: 5/7/2019
Lab ID: 011905544-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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 Received: 05/07/19 9:00 AM

Project: **Clymer School****Analytical Results**

Client Sample Description 2F-CF-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0006
 Cafe Kids Bath; Boys Bathroom 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.24		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-BR-CF-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0007
 Staff Bathroom

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.31		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-BR-CF-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0008
 Staff Bathroom; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	12.3		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-TC-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0009
 Teacher Lounge Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-TC-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0010
 Teacher Lounge Sink; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-CR106-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0011
 Classroom 106

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Project: **Clymer School****Analytical Results**

Client Sample Description 1F-CR106-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0011
 Classroom 106

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.61		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-CR106-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0012
 Classroom 106; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-CR107-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0013
 Classroom 107

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	5.46		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-CR107-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0014
 Classroom 107; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	5.78		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-CR109-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0015
 Classroom 109

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.52		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-CR109-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0016
 Classroom 109; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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Project: **Clymer School****Analytical Results**

Client Sample Description 2F-CR109-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0016
 Classroom 109; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.26		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-CR110-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0017
 Classroom 110

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.64		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-CR110-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0018
 Classroom 110; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-CR304-03-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0019
 Classroom 304

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.09		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-CR304-03-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0020
 Classroom 304; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.31		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-CR305-03-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0021
 Classroom 305

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Project: **Clymer School****Analytical Results**

Client Sample Description 1F-CR305-03-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0021
 Classroom 305

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-CR305-03-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0022
 Classroom 305; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.10		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-CR404-04-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0023
 Classroom 404

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	12.4		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-CR404-04-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0024
 Classroom 404; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1 1B-HA-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0025
 Water Fountain; Gym Fountain

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.12		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2 2B-HA-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0026
 Water Fountain; Gym Fountain; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

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 Received: 05/07/19 9:00 AM

Project: **Clymer School****Analytical Results**

Client Sample Description 2 2B-HA-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0026
 Water Fountain; Gym Fountain; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.08		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 5 1B-HA-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0027
 Water Fountain; Next to 105; Nurse's Office

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.26		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 6 2B-HA-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0028
 Water Fountain; Next to 105; Nurse's Office; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.40		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 7 1B-HA-02-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0029
 Water Fountain; Next to 208

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 8 2B-HA-02-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0030
 Water Fountain; Next to 208; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 11 1B-HA-03-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0031
 Water Fountain; Next to 308

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Received: 05/07/19 9:00 AM

Project: **Clymer School****Analytical Results**

Client Sample Description 11 1B-HA-03-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0031
Water Fountain; Next to 308

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.53		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 12 2B-HA-03-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0032
Water Fountain; Next to 308; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 15 1B-HA-04-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0033
Water Fountain; Next to 408

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.70		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 16 2B-HA-04-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0034
Water Fountain; Next to 408; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.34		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 17 1B-HA-04-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0035
Water Fountain; Next to 403

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.59		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 18 2B-HA-04-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0036
Water Fountain; Next to 403; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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Phone/Fax: (856) 303-2500 / (856) 858-4571

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EMSL Order: 011905544

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
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Received: 05/07/19 9:00 AM

Project: **Clymer School****Analytical Results**

Client Sample Description 18 2B-HA-04-0
Water Fountain; Next to 403; 2nd Draw
Collected: 5/7/2019
Lab ID: 011905544-0036

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.59		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-BR-01-0
Staff Bathroom First Floor; Girls Room
Collected: 5/7/2019
Lab ID: 011905544-0037

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	4.34		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-BR-01-0
Staff Bathroom First Floor; Girls Room; 2nd Draw
Collected: 5/7/2019
Lab ID: 011905544-0038

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 1F-BR-02-0
Staff Bathroom Second Floor; Next to 203; Mens
Collected: 5/7/2019
Lab ID: 011905544-0039

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.36		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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Client Sample Description 2F-BR-02-0
Staff Bathroom Second Floor; Next to 203; Mens; 2nd Draw
Collected: 5/7/2019
Lab ID: 011905544-0040

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/16/2019	VD	5/16/2019	VD
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**EMSL Analytical, Inc.**

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Received: 05/07/19 9:00 AM

Project: **Clymer School****Analytical Results**

Client Sample Description 1F-GB-01-0
Girls Bathroom
Collected: 5/7/2019
Lab ID: 011905544-0041

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.39		1.00 µg/L	5/15/2019	VD	5/16/2019	VD
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Client Sample Description 2F-GB-01-0
Girls Bathroom; 2nd Draw
Collected: 5/7/2019
Lab ID: 011905544-0042

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.24		1.00 µg/L	5/15/2019	VD	5/16/2019	VD
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Client Sample Description 1F-GB-02-0
Girls Bathroom; Next to 203
Collected: 5/7/2019
Lab ID: 011905544-0043

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	4.59		1.00 µg/L	5/15/2019	VD	5/16/2019	VD
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Client Sample Description 2F-GB-02-0
Girls Bathroom; Next to 203; 2nd Draw
Collected: 5/7/2019
Lab ID: 011905544-0044

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.23		1.00 µg/L	5/15/2019	VD	5/16/2019	VD
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Client Sample Description 1F-BB-01-0
Boys Bathroom
Collected: 5/7/2019
Lab ID: 011905544-0045

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	4.14		1.00 µg/L	5/15/2019	VD	5/16/2019	VD
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Client Sample Description 2F-BB-01-0
Boys Bathroom; 2nd Draw
Collected: 5/7/2019
Lab ID: 011905544-0046

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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 Fax: (856) 365-9333
 Received: 05/07/19 9:00 AM

Project: **Clymer School****Analytical Results**

Client Sample Description 2F-BB-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0046
 Boys Bathroom; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	6.01		1.00 µg/L	5/15/2019	VD	5/16/2019	VD
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Client Sample Description 1F-BB-02-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0047
 Boys Bathroom; Next to 203

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/15/2019	VD	5/16/2019	VD
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Client Sample Description 2F-BB-02-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0048
 Boys Bathroom; Next to 203; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/15/2019	VD	5/16/2019	VD
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Client Sample Description 1F-MO-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0049
 Nurse Bathroom

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.69		1.00 µg/L	5/15/2019	VD	5/16/2019	VD
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Client Sample Description 2F-MO-01-0 **Collected:** 5/7/2019 **Lab ID:** 011905544-0050
 Nurse Bathroom; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/15/2019	VD	5/16/2019	VD
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Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.3 FREDRICK DOUGLASS:

LOCATION	ANALYTICAL RESULT
1st Floor Water Fountain 1 st draw	708 ppb
1st Floor Water Fountain 2 nd draw	58 ppb
2nd Floor Water Fountain by 2c 1 st draw	1,760 ppb
2nd Floor Water Fountain by 2c 2 nd draw	260 ppb
3rd Floor Water Fountain by 3C 1 st draw	3,530 ppb
3rd Floor Water Fountains by 3C 2 nd draw	165 ppb
Girls Bathroom by 2C 1 st draw	18 ppb
Girls Bathroom by 2C 2 nd draw	27.8 ppb



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Attn:

**Sean Smith
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4/11/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 3/28/2019. The results are tabulated on the attached data pages for the following client designated project:

Fredrick Douglass;

The reference number for these samples is EMSL Order #011903418. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

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EMSL Order: 011903418

CustomerID: SMC99

CustomerPO:

ProjectID:

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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 03/28/19 9:00 AM

Project: **Fredrick Douglass;****Analytical Results**

Client Sample Description 1 1B-HA-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0001
 1st Floor Water Fountains; 1C Water Fountain

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	708 D		10.0 µg/L	4/5/2019	VD	4/9/2019	JW

Client Sample Description 2 2B-HA-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0002
 1st Floor Water Fountains; 1C Water Fountain - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	58.4		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 3 1B-HA-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0003
 1st Floor Water Fountains - Next to 111

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.40		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 4 2B-HA-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0004
 1st Floor Water Fountains - Next to 111 - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	2.01		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 11 1B-HA-02-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0005
 2nd Floor Water Fountains - Next to 2C

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1760 D		50.0 µg/L	4/5/2019	VD	4/9/2019	JW

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EMSL Order: 011903418

CustomerID: SMCG99

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Phone: (856) 365-9111
Fax: (856) 365-9333
Received: 03/28/19 9:00 AM

Project: **Fredrick Douglass;****Analytical Results**

Client Sample Description 12 2B-HA-02-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0006
2nd Floor Water Fountains - Next to 2C -
Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	260 D		10.0 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 13 1B-HA-02-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0007
2nd Floor Water Fountains - 2B

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.06		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 14 2B-HA-02-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0008
2nd Floor Water Fountains - 2B - Second
Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 15 1B-HA-02-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0009
2nd Floor Water Fountains - 2A

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.35		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 16 2B-HA-02-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0010
2nd Floor Water Fountains - 2A - Second
Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

**EMSL Analytical, Inc.**

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EMSL Order: 011903418

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 Received: 03/28/19 9:00 AM

Project: **Fredrick Douglass;****Analytical Results**

Client Sample Description 21 1B-HA-03-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0011
 3rd Floor Water Fountains - 3C

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	3530 D		50.0 µg/L	4/5/2019	VD	4/9/2019	JW

Client Sample Description 22 2B-HA-03-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0012
 3rd Floor Water Fountains - 3C - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	165 D		10.0 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 23 1B-HA-03-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0013
 3rd Floor Water Fountains - 3B

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	4.66		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 24 2B-HA-03-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0014
 3rd Floor Water Fountains - 3B - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	2.04		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 25 1B-HA-03-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0015
 3rd Floor Water Fountains - 3A

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	4.15		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

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Project: **Fredrick Douglass;****Analytical Results**

Client Sample Description 26 2B-HA-03-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0016
 3rd Floor Water Fountains - 3A - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.65		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 1F-BR-CR111-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0017
 Classroom 111 - Bathroom

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.23		1.00 µg/L	4/5/2019	VD	4/10/2019	JW

Client Sample Description 2F-BR-CR111-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0018
 Classroom 111 - Bathroom - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.43		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 1F-BR-CR106-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0019
 Classroom 106 - Bathroom

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.98		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 2F-BR-CR106-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0020
 Classroom 106 - Bathroom - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	3.15		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 1F-CR105-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0021
 Classroom Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								

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Project: **Fredrick Douglass;****Analytical Results**

Client Sample Description 1F-CR105-01-0
 Classroom Sink **Collected:** 3/28/2019 **Lab ID:** 011903418-0021

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 2F-CR105-01-0
 Classroom Sink - Second Draw **Collected:** 3/28/2019 **Lab ID:** 011903418-0022

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.00		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 1F-KI-01-0
 3 Bowl Sink **Collected:** 3/28/2019 **Lab ID:** 011903418-0023

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 2F-KI-01-0
 3 Bowl Sink - Second Draw **Collected:** 3/28/2019 **Lab ID:** 011903418-0024

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 1 1F-KI-01-0
 Hand Wash Sink - Other Side of Cafe **Collected:** 3/28/2019 **Lab ID:** 011903418-0025

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 1 2F-KI-01-0
 Hand Wash Sink - Other Side of Cafe -
 Second Draw **Collected:** 3/28/2019 **Lab ID:** 011903418-0026

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Project: **Fredrick Douglass;****Analytical Results**

Client Sample Description 1 2F-KI-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0026
 Hand Wash Sink - Other Side of Cafe -
 Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 1F-BR-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0027
 Staff Bathroom - 1st Floor

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	2.03		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 2F-BR-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0028
 Staff Bathroom - 1st Floor - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.03		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 1F-BR-CF-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0029
 Cafe Staff Bathroom

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.35		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 2F-BR-CF-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0030
 Cafe Staff Bathroom - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	2.05		1.00 µg/L	4/10/2019	VD	4/10/2019	VD

Client Sample Description 1F-GB-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0031
 Girls Bathroom - 1C Girls

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								

**EMSL Analytical, Inc.**

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EMSL Order: 011903418

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 03/28/19 9:00 AM

Project: **Fredrick Douglass;****Analytical Results**

Client Sample Description 1F-GB-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0031
 Girls Bathroom - 1C Girls

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 2F-GB-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0032
 Girls Bathroom - 1C Girls - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 1F-BB-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0033
 Boys Bathroom - 1C Boys

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.66		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 2F-BB-01-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0034
 Boys Bathroom - 1C Boys - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 1F-GB-02-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0035
 Girls Bathroom - 2C Girls

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	18.0		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 2F-GB-02-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0036
 Girls Bathroom - 2C Girls - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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Fax: (856) 365-9333
Received: 03/28/19 9:00 AM

Project: **Fredrick Douglass;****Analytical Results**

Client Sample Description 2F-GB-02-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0036
Girls Bathroom - 2C Girls - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	27.8		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 1F-BB-02-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0037
Boys Bathroom - 2C Boys

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.39		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Client Sample Description 2F-BB-02-0 **Collected:** 3/28/2019 **Lab ID:** 011903418-0038
Boys Bathroom - 2C Boys - Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.86		1.00 µg/L	4/10/2019	VD	4/10/2019	VD
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Definitions:

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.4 GILLESPIE SCHOOL:

ALL SAMPLES WERE BELOW REGULATORY LIMITS



EMSL Analytical, Inc.

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Smithco Engineering Group
808 Market St
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4/18/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/4/2019. The results are tabulated on the attached data pages for the following client designated project:

Gillespie School

The reference number for these samples is EMSL Order #011903751. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

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EMSL Order: 011903751

CustomerID: SMCG99

CustomerPO:

ProjectID:

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808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/04/19 9:00 AM

Project: **Gillespie School****Analytical Results**

Client Sample Description 1F-KI-01-0
3 Bowl Sink
Collected:
Lab ID: 011903751-0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-KI-01-0
3 Bowl Sink; 2nd Draw
Collected:
Lab ID: 011903751-0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 3 1F KI-01-0
Hand Wash Sink - Next to Office
Collected:
Lab ID: 011903751-0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 3 2F KI-01-0
Hand Wash Sink - Next to Office; 2nd Draw
Collected:
Lab ID: 011903751-0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-TC-02-0
Teacher Lounge Bathroom; 251
Collected:
Lab ID: 011903751-0005

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-TC-02-0
Teacher Lounge Bathroom; 251; 2nd Draw
Collected:
Lab ID: 011903751-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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 Received: 04/04/19 9:00 AM

Project: Gillespie School

Analytical Results

Client Sample Description 2F-TC-02-0 **Collected:** **Lab ID:** 011903751-0006
 Teacher Lounge Bathroom; 251; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-CR110-01-0 **Collected:** **Lab ID:** 011903751-0007
 Classroom 110; Bathroom

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-CR110-01-0 **Collected:** **Lab ID:** 011903751-0008
 Classroom 110; Bathroom; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1 1B-HA-01-0 **Collected:** **Lab ID:** 011903751-0009
 Water Fountain; Next to Bathroom; 102

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2 2B-HA-01-0 **Collected:** **Lab ID:** 011903751-0010
 Water Fountain; Next to Bathroom; 102;
 Second Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 3 1B-HA-01-0 **Collected:** **Lab ID:** 011903751-0011
 Water Fountain; Next to Bathroom 142

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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 Received: 04/04/19 9:00 AM

Project: **Gillespie School****Analytical Results**

Client Sample Description 3 1B-HA-01-0 **Collected:** **Lab ID:** 011903751-0011
 Water Fountain; Next to Bathroom 142

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 4 2B-HA-01-0 **Collected:** **Lab ID:** 011903751-0012
 Water Fountain; Next to Bathroom 142; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 5 1B-HA-02-0 **Collected:** **Lab ID:** 011903751-0013
 Water Fountain; Next to 204

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 6 2B-HA-02-0 **Collected:** **Lab ID:** 011903751-0014
 Water Fountain; Next to 204; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 7 1B-HA-03-0 **Collected:** **Lab ID:** 011903751-0015
 Water Fountain; Next to 304

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	4.58		1.00 µg/L	4/8/2019	VD	4/9/2019	JW
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Client Sample Description 8 2B-HA-03-0 **Collected:** **Lab ID:** 011903751-0016
 Water Fountain; Next to 304; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

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 Received: 04/04/19 9:00 AM

Project: Gillespie School

Analytical Results

Client Sample Description 8 2B-HA-03-0 **Collected:** **Lab ID:** 011903751-0016
 Water Fountain; Next to 304; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	9.79		1.00 µg/L	4/8/2019	VD	4/9/2019	JW
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Client Sample Description 1F-BR-HA-01-0 **Collected:** **Lab ID:** 011903751-0017
 Staff Bathroom; 108

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/8/2019	VD	4/9/2019	JW
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Client Sample Description 2F-BR-HA-01-0 **Collected:** **Lab ID:** 011903751-0018
 Staff Bathroom; 108; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-BR-HA-02-0 **Collected:** **Lab ID:** 011903751-0019
 Staff Bathroom; Next to 210

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-BR-HA-02-0 **Collected:** **Lab ID:** 011903751-0020
 Staff Bathroom; Next to 210; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-BR-HA-03-0 **Collected:** **Lab ID:** 011903751-0021
 Staff Bathroom; 308

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

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Phone: (856) 365-9111
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 Received: 04/04/19 9:00 AM

Project: Gillespie School

Analytical Results

Client Sample Description 1F-BR-HA-03-0 **Collected:** **Lab ID:** 011903751-0021
 Staff Bathroom; 308

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	11.3		1.00 µg/L	4/8/2019	VD	4/9/2019	JW
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Client Sample Description 2F-BR-HA-03-0 **Collected:** **Lab ID:** 011903751-0022
 Staff Bathroom; 308; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.60		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-GB-01-0 **Collected:** **Lab ID:** 011903751-0023
 Girls Bathroom; 1st Floor; 144

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-GB-01-0 **Collected:** **Lab ID:** 011903751-0024
 Girls Bathroom; 1st Floor; 144; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-BB-01-0 **Collected:** **Lab ID:** 011903751-0025
 Boys Bathroom; 1st Floor; 142

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-BB-01-0 **Collected:** **Lab ID:** 011903751-0026
 Boys Bathroom; 1st Floor; 142; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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EMSL Order: 011903751

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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/04/19 9:00 AM

Project: **Gillespie School****Analytical Results**

Client Sample Description 2F-BB-01-0 **Collected:** **Lab ID:** 011903751-0026
 Boys Bathroom; 1st Floor; 142; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-GB-02-0 **Collected:** **Lab ID:** 011903751-0027
 Girls Bathroom; 2nd Floor; 244

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-GB-02-0 **Collected:** **Lab ID:** 011903751-0028
 Girls Bathroom; 2nd Floor; 244; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-BB-02-0 **Collected:** **Lab ID:** 011903751-0029
 Boys Bathroom 2nd Floor; 242

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	4.03		1.00 µg/L	4/8/2019	VD	4/9/2019	JW
-------	------	------	--	-----------	----------	----	----------	----

Client Sample Description 2F-BB-02-0 **Collected:** **Lab ID:** 011903751-0030
 Boys Bathroom 2nd Floor; 242; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.81		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
-------	------	------	--	-----------	-----------	----	-----------	----

Client Sample Description 1F-OF-01-0 **Collected:** **Lab ID:** 011903751-0031
 Main Office Bathroom; 153

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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 Received: 04/04/19 9:00 AM

Project: Gillespie School

Analytical Results

Client Sample Description 1F-OF-01-0
 Main Office Bathroom; 153
Collected:
Lab ID: 011903751-0031

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-OF-01-0
 Main Office Bathroom; 153; 2nd Draw
Collected:
Lab ID: 011903751-0032

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 1F-MO-01-0
 Nurse Sink
Collected:
Lab ID: 011903751-0033

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Client Sample Description 2F-MO-01-0
 Nurse Sink; 2nd Draw
Collected:
Lab ID: 011903751-0034

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/16/2019	VD	4/16/2019	VD
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Definitions:

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.5 HARRITY SCHOOL:

ALL SAMPLES WERE BELOW REGULATORY LIMITS



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Sean Smith
Smithco Engineering Group
808 Market St
Camden, NJ 08102**

4/16/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/9/2019. The results are tabulated on the attached data pages for the following client designated project:

Harrity School

The reference number for these samples is EMSL Order #011903946. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

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EMSL Order: 011903946

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/09/19 9:00 AM

Project: **Harrity School****Analytical Results**

Client Sample Description 1F-KI-01-0
3 Bowl Sink
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-KI-01-0
3 Bowl Sink; 2nd Draw
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.05		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1 1F-KI-01-0
Hand Wash Sink
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1 2F-KI-01-0
Hand Wash Sink; 2nd Draw
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-GB-GY-01-0
Gym Girls Bathroom; 2nd Floor
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0005

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.16		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-GB-GY-01-0
Gym Girls Bathroom; 2nd Floor; 2nd Draw
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011903946

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/09/19 9:00 AM

Project: **Harrity School****Analytical Results**

Client Sample Description 2F-GB-GY-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0006
 Gym Girls Bathroom; 2nd Floor; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.73		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-BB-GY-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0007
 Gym Boys Bathroom; 2nd Floor 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.42		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-BB-GY-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0008
 Gym Boys Bathroom; 2nd Floor; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.17		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-CR110-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0009
 Classroom 110 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	5.26		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-CR110-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0010
 Classroom 110; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.50		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-CR109-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0011
 Classroom 109 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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EMSL Order: 011903946

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ProjectID:

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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/09/19 9:00 AM

Project: **Harrity School****Analytical Results**

Client Sample Description 1F-CR109-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0011
 Classroom 109 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	7.94		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-CR109-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0012
 Classroom 109; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.43		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-CR108-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0013
 Classroom 108 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.68		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-CR108-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0014
 Classroom 108; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.72		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-CR102-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0015
 Classroom 102 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.39		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-CR102-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0016
 Classroom 102; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

**EMSL Analytical, Inc.**

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EMSL Order: 011903946

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/09/19 9:00 AM

Project: **Harrity School****Analytical Results**

Client Sample Description 2F-CR102-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0016
 Classroom 102; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.66		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-CR100-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0017
 Classroom 100 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	4.98		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-CR100-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0018
 Classroom 100; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.21		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-CR408-04-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0019
 Classroom 408; Sink 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-CR408-04-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0020
 Classroom 408; Sink; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-BR-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0021
 Staff Bathroom; Across from Cafe 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

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EMSL Order: 011903946

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/09/19 9:00 AM

Project: **Harrity School****Analytical Results**

Client Sample Description 1F-BR-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0021
 Staff Bathroom; Across from Cafe 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.62		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-BR-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0022
 Staff Bathroom; Across from Cafe; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.76		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-BR-02-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0023
 Staff Bathroom 2nd Floor; Next to Main 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.05		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-BR-02-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0024
 Staff Bathroom 2nd Floor; Next to Main; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-BR-03-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0025
 Staff Bathroom 3rd Floor; Mens Room 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.64		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011903946

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/09/19 9:00 AM

Project: **Harrity School****Analytical Results**

Client Sample Description 2F-BR-03-0
 Staff Bathroom 3rd Floor; Mens Room; 2nd Draw
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0026

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	2.44		1.00 µg/L	4/15/2019	VD	4/15/2019	VD

Client Sample Description 1F-GB-01-0
 Girls Bathroom; Across from 107
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0027

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	3.03		1.00 µg/L	4/15/2019	VD	4/15/2019	VD

Client Sample Description 2F-GB-01-0
 Girls Bathroom; Across from 107; 2nd Draw
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0028

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	3.14		1.00 µg/L	4/15/2019	VD	4/15/2019	VD

Client Sample Description 1F-BB-01-0
 Boys Bathroom; Across from 107
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0029

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	2.44		1.00 µg/L	4/15/2019	VD	4/15/2019	VD

Client Sample Description 2F-BB-01-0
 Boys Bathroom; Across from 107; 2nd Draw
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0030

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	2.82		1.00 µg/L	4/15/2019	VD	4/15/2019	VD

Client Sample Description 1F-GB-02-0
 Girls Bathroom; Across from 210
Collected: 4/9/2019 6:00:00 AM
Lab ID: 011903946-0031

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								

**EMSL Analytical, Inc.**

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EMSL Order: 011903946

CustomerID: SMCG99

CustomerPO:

ProjectID:

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Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/09/19 9:00 AM

Project: **Harrity School****Analytical Results**

Client Sample Description 1F-GB-02-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0031
 Girls Bathroom; Across from 210 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-GB-02-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0032
 Girls Bathroom; Across from 210; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-BB-02-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0033
 Boys Bathroom; Across from 208 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.54		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-BB-02-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0034
 Boys Bathroom; Across from 208; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.42		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 1F-BR-MO-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0035
 Nurse Bathroom 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.24		1.00 µg/L	4/15/2019	VD	4/15/2019	VD
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Client Sample Description 2F-BR-MO-01-0 **Collected:** 4/9/2019 **Lab ID:** 011903946-0036
 Nurse Bathroom; 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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Phone: (856) 365-9111
Fax: (856) 365-9333
Received: 04/09/19 9:00 AM

Project: **Harrity School****Analytical Results**

Client Sample Description 2F-BR-MO-01-0
Nurse Bathroom; 2nd Draw

Collected: 4/9/2019
6:00:00 AM

Lab ID: 011903946-0036

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	3.06		1.00 µg/L	4/15/2019	VD	4/15/2019	VD

Definitions:

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.6 HARDY SCHOOL:

ALL SAMPLES WERE BELOW REGULATORY LIMITS



EMSL Analytical, Inc.

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5/29/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/14/2019. The results are tabulated on the attached data pages for the following client designated project:

Hardy School

The reference number for these samples is EMSL Order #011905935. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011905935

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/14/19 9:00 AM

Project: **Hardy School****Analytical Results**

Client Sample Description 1F-KI-01-0
3 Bowl Sink
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0001

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 VD	05/24/19 14:57 KB
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Client Sample Description 2F-KI-01-0
2nd Draw
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0002

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 VD	05/24/19 14:58 KB
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Client Sample Description 1 1F-KI-01-0
Hand Wash Sink
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0003

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 VD	05/24/19 14:59 KB
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Client Sample Description 1 2FKI-01-0
2nd Draw
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0004

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 VD	05/24/19 15:00 KB
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Client Sample Description 1F-CF-BR-01-0
Cafeteria Bathroom
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0005

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	10.1		1.00 µg/L	5/24/2019 VD	05/24/19 15:02 KB
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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011905935

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/14/19 9:00 AM

Project: **Hardy School****Analytical Results**

Client Sample Description 2F-CR-BR-01-0
2nd Draw
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0006

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	2.27	1.00	µg/L	5/24/2019 VD	05/24/19 15:03 KB
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Client Sample Description 1F-CR116-01-0
Class Sink
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0007

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00	µg/L	5/24/2019 VD	05/24/19 15:04 KB
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Client Sample Description 2F-CR116-01-0
2nd Draw
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0008

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00	µg/L	5/24/2019 VD	05/24/19 15:06 KB
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Client Sample Description 1F-CR108-01-0
Class Sink
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0009

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	6.22	1.00	µg/L	5/24/2019 VD	05/24/19 15:07 KB
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Client Sample Description 2F-CR108-01-0
2nd Draw
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0010

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.08	1.00	µg/L	5/24/2019 VD	05/24/19 15:14 KB
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**EMSL Analytical, Inc.**

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Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011905935

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
Fax: (856) 365-9333
Received: 05/14/19 9:00 AM

Project: **Hardy School****Analytical Results**

Client Sample Description		1F-CR109-01-0 Class Sink	Collected:		5/14/2019 6:00:00 AM	Lab ID:		011905935-0011	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		4.85		1.00 µg/L	5/24/2019	VD	05/24/19 15:15	KB
Client Sample Description		2F-CR109-01-0 2nd Draw	Collected:		5/14/2019 6:00:00 AM	Lab ID:		011905935-0012	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		4.15		1.00 µg/L	5/24/2019	VD	05/24/19 15:16	KB
Client Sample Description		1B-CR240-02-0 Class Water Fountain outside room	Collected:		5/14/2019 6:00:00 AM	Lab ID:		011905935-0013	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND		1.00 µg/L	5/24/2019	VD	05/24/19 15:17	KB
Client Sample Description		2B-CR240-02-0 2nd Draw	Collected:		5/14/2019 6:00:00 AM	Lab ID:		011905935-0014	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND		1.00 µg/L	5/24/2019	VD	05/24/19 15:19	KB
Client Sample Description		1 1F-BR-01-0 Staff Bathroom across from Auditorium	Collected:		5/14/2019 6:00:00 AM	Lab ID:		011905935-0015	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		1.16		1.00 µg/L	5/24/2019	VD	05/24/19 15:21	KB

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EMSL Order: 011905935

CustomerID: SMC99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
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808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/14/19 9:00 AM

Project: **Hardy School****Analytical Results**

Client Sample Description 2 2F-BR-01-0
2nd Draw
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0016

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 VD	05/24/19 15:22 KB
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Client Sample Description 3 1F-BR-01-0
Staff Bathroom Ladies across from Auditorium
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0017

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	2.86		1.00 µg/L	5/24/2019 VD	05/24/19 15:26 KB
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Client Sample Description 4 2F-BR-01-0
2nd Draw
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0018

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 VD	05/24/19 15:27 KB
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Client Sample Description 5 1F-BR-01-0
Staff Bathroom
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0019

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 0:17 KB
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Client Sample Description 6 2F-BR-01-0
2nd Draw
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0020

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 0:21 KB
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**EMSL Analytical, Inc.**

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011905935

CustomerID: SMCG99

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ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/14/19 9:00 AM

Project: **Hardy School****Analytical Results**

Client Sample Description 7 1F-BR-02-0 **Collected:** 5/14/2019 **Lab ID:** 011905935-0021
 Staff Bathroom 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.07		1.00 µg/L	5/24/2019 KB	05/25/19 0:22 KB
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Client Sample Description 8 2F-BR-02-0 **Collected:** 5/14/2019 **Lab ID:** 011905935-0022
 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 0:24 KB
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Client Sample Description 9 1F-BR-03-0 **Collected:** 5/14/2019 **Lab ID:** 011905935-0023
 Staff Bathroom next to 332 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	2.73		1.00 µg/L	5/24/2019 KB	05/25/19 0:25 KB
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Client Sample Description 10 2F-BR-03-0 **Collected:** 5/14/2019 **Lab ID:** 011905935-0024
 2nd Draw 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 0:26 KB
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Client Sample Description 11 1F-BR-03-0 **Collected:** 5/14/2019 **Lab ID:** 011905935-0025
 Staff Bathroom 6:00:00 AM

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 0:28 KB
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**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011905935

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/14/19 9:00 AM

Project: **Hardy School****Analytical Results**

Client Sample Description 12 2F-BR-03-0
2nd Draw
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0026

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 0:29 KB
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Client Sample Description 1F-GB-01-0
Girls Bathroom 1st Floor across from 119
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0027

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.70		1.00 µg/L	5/24/2019 KB	05/25/19 0:33 KB
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Client Sample Description 2F-GB-01-0
2nd Draw
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0028

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	3.72		1.00 µg/L	5/24/2019 KB	05/25/19 0:34 KB
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Client Sample Description 1F-BB-01-0
Boys Bathroom across from 153
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0029

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/29/19 0:02 VD
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Client Sample Description 2F-BB-01-0
2nd Draw
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0030

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/29/19 0:05 VD
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**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011905935

CustomerID: SMCG99

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ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/14/19 9:00 AM

Project: **Hardy School****Analytical Results**

Client Sample Description 1F-GB-02-0
 Girls Bathroom 2nd Floor across from 234
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0031

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/29/19 0:07 VD
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Client Sample Description 2F-BB-02-0
 2nd Draw
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0032

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/29/19 0:08 VD
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Client Sample Description 1F-BB-02-0
 Boys Bathroom 2nd Floor across from 234
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0033

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.45		1.00 µg/L	5/28/2019 VD	05/29/19 0:09 VD
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Client Sample Description 2F-BB-02-0
 2nd Draw
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0034

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/29/19 0:10 VD
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Client Sample Description 1F-MO-01-0
 Nurse Office
Collected: 5/14/2019 6:00:00 AM
Lab ID: 011905935-0035

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.22		1.00 µg/L	5/28/2019 VD	05/29/19 0:12 VD
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**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011905935

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
Fax: (856) 365-9333
Received: 05/14/19 9:00 AM

Project: **Hardy School****Analytical Results**

Client Sample Description 2F-MO-01-0
2nd Draw
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0036

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00	µg/L	5/28/2019 VD	05/29/19 0:13 VD
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Client Sample Description 1F-SS-01-0
Slop Sink
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0037

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.08	1.00	µg/L	5/28/2019 VD	05/29/19 0:17 VD
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Client Sample Description 2F-SS-01-0
2nd Draw
Collected: 5/14/2019
6:00:00 AM
Lab ID: 011905935-0038

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00	µg/L	5/28/2019 VD	05/29/19 0:18 VD
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Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.7 JOHN WISTER SCHOOL:

ALL SAMPLES WERE BELOW REGULATORY LIMITS



EMSL Analytical, Inc.

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Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Sean Smith
Smithco Engineering Group
808 Market St
Camden, NJ 08102**

5/24/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/10/2019. The results are tabulated on the attached data pages for the following client designated project:

John Wister School

The reference number for these samples is EMSL Order #011905745. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011905745

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/10/19 9:00 AM

Project: John Wister School

Analytical Results

Client Sample Description 1F-KI-01-0
3 Bowl Sink
Collected: 5/10/2019
Lab ID: 011905745-0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-KI-01-0
3 Bowl Sink; 2nd Draw
Collected: 5/10/2019
Lab ID: 011905745-0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1 1F-KI-01-0
Hand Wash
Collected: 5/10/2019
Lab ID: 011905745-0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.17		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1 2F-KI-01-0
Hand Wash; 2nd Draw
Collected: 5/10/2019
Lab ID: 011905745-0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1F-BBGY-01-0
Gym Boys Bathroom
Collected: 5/10/2019
Lab ID: 011905745-0005

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-BBGY-01-0
Gym Boys Bathroom; 2nd Draw
Collected: 5/10/2019
Lab ID: 011905745-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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EMSL Order: 011905745

CustomerID: SMCG99

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ProjectID:

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 Received: 05/10/19 9:00 AM

Project: John Wister School

Analytical Results

Client Sample Description 2F-BBGY-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0006
 Gym Boys Bathroom; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1F-GBGY-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0007
 Gym Girls Bathroom

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.73		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-GBGY-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0008
 Gym Girls Bathroom; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1F-TC-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0009
 Teachers Lounge Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-TC-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0010
 Teachers Lounge Sink; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1F-CR110-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0011
 Classroom 110

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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 Received: 05/10/19 9:00 AM

Project: John Wister School

Analytical Results

Client Sample Description 1F-CR110-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0011
 Classroom 110

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.44		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-CR110-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0012
 Classroom 110; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.33		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 14-2B-HA-03-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0013
 Classroom 109

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.07		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-CR109-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0014
 Classroom 109; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.27		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1F-CR108-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0015
 Classroom 108 Water Fountain

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	6.17		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-CR108-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0016
 Classroom 108 Water Fountain; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

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Project: John Wister School

Analytical Results

Client Sample Description 2F-CR108-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0016
 Classroom 108 Water Fountain; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	5.15		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1 1B-HA-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0017
 1st Floor Water Fountains; Next to 101

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.63		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1 2B-HA-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0018
 1st Floor Water Fountains; Next to 101; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.25		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 3 1B-HA-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0019
 1st Floor Water Fountains; Across from 107

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.33		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 4 2B-HA-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0020
 1st Floor Water Fountains; Across from 107; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.60		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
-------	------	------	--	-----------	-----------	----	-----------	----

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Project: John Wister School

Analytical Results

Client Sample Description 5 1B-HA-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0021
 1st Floor Water Fountains; Across from 100

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.82		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 6 2B-HA-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0022
 1st Floor Water Fountains; Across from 100; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.51		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 7 1B-HA-02-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0023
 2nd Floor Water Fountain; Across from 211

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 8 2B-HA-02-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0024
 2nd Floor Water Fountain; Across from 211; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 9 1B-HA-03-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0025
 3rd Floor Water Fountain; Across from 306

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.38		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
-------	------	------	--	-----------	-----------	----	-----------	----

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Project: John Wister School

Analytical Results

Client Sample Description 10 2B-HA-03-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0026
 3rd Floor Water Fountain; Across from 306;
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD

Client Sample Description 11 1B-HA-03-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0027
 3rd Floor Water Fountain; Across from 304

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.90		1.00 µg/L	5/23/2019	VD	5/23/2019	VD

Client Sample Description 12 2B-HA-03-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0028
 3rd Floor Water Fountain; Across from 304;
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.60		1.00 µg/L	5/23/2019	VD	5/23/2019	VD

Client Sample Description 1F-BR-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0029
 Staff Bath; 1st Floor; In Office

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD

Client Sample Description 2F-BR-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0030
 Staff Bath; 1st Floor; In Office; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD

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 Received: 05/10/19 9:00 AM

Project: John Wister School

Analytical Results

Client Sample Description 1F-BR-02-0
 Staff Bath; 2nd Floor
Collected: 5/10/2019 **Lab ID:** 011905745-0031

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-BR-02-0
 Staff Bath; 2nd Floor; 2nd Draw
Collected: 5/10/2019 **Lab ID:** 011905745-0032

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1F-GB-01-0
 Girls Bathroom; Across from 100
Collected: 5/10/2019 **Lab ID:** 011905745-0033

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	10.9		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-GB-01-0
 Girls Bathroom; Across from 100; 2nd Draw
Collected: 5/10/2019 **Lab ID:** 011905745-0034

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	6.11		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1F-GB-02-0
 Girls Bathroom; Across from 211
Collected: 5/10/2019 **Lab ID:** 011905745-0035

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.67		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-GB-02-0
 Girls Bathroom; Across from 211; 2nd Draw
Collected: 5/10/2019 **Lab ID:** 011905745-0036

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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Project: **John Wister School****Analytical Results**

Client Sample Description 2F-GB-02-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0036
 Girls Bathroom; Across from 211; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.04		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1F-BB-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0037
 Boys Bathroom; Across from 100

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-BB-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0038
 Boys Bathroom; Across from 100; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.49		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1F-BB-02-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0039
 Boys Bathroom; Across from 211

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.26		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 2F-BB-02-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0040
 Boys Bathroom; Across from 211; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/23/2019	VD	5/23/2019	VD
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Client Sample Description 1F-MO-01-0 **Collected:** 5/10/2019 **Lab ID:** 011905745-0041
 Nurse Bath

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Received: 05/10/19 9:00 AM

Project: **John Wister School****Analytical Results**

Client Sample Description 1F-MO-01-0
Nurse Bath **Collected:** 5/10/2019 **Lab ID:** 011905745-0041

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/20/2019	VD	5/20/2019	VD
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Client Sample Description 2F-MO-01-0
Nurse Bath; 2nd Draw **Collected:** 5/10/2019 **Lab ID:** 011905745-0042

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/20/2019	VD	5/20/2019	VD
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Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.8 LENFEST CAMPUS:

LOCATION	ANALYTICAL RESULT
Slop Sink 2 nd draw	73.5 ppb



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5/29/2019

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The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/15/2019. The results are tabulated on the attached data pages for the following client designated project:

LENFEST CAMPUS

The reference number for these samples is EMSL Order #011905973. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/15/19 9:00 AM

Project: **LENFEST CAMPUS****Analytical Results**

Client Sample Description 1F-KI-01-0
3 BOWL SINK **Collected:** 5/15/2019 **Lab ID:** 011905973-0001

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 4:34 KB
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Client Sample Description 2F-KI-01-0
2ND DRAW **Collected:** 5/15/2019 **Lab ID:** 011905973-0002

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 4:37 KB
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Client Sample Description 1 1F-KI-01-0
HAND WASH SINK **Collected:** 5/15/2019 **Lab ID:** 011905973-0003

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 4:39 KB
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Client Sample Description 1 2F-KI-01-0
2ND DRAW **Collected:** 5/15/2019 **Lab ID:** 011905973-0004

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 4:43 KB
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Client Sample Description 1F-CR109-01-0
CLASSROOM 109 **Collected:** 5/15/2019 **Lab ID:** 011905973-0005

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.18		1.00 µg/L	5/24/2019 KB	05/25/19 4:44 KB
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**EMSL Analytical, Inc.**

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011905973

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
Fax: (856) 365-9333
Received: 05/15/19 9:00 AM

Project: **LENFEST CAMPUS****Analytical Results**

Client Sample Description		2F-CR109-01-0 2ND DRAW	Collected:	5/15/2019	Lab ID:	011905973-0006	
Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND		1.00 µg/L	5/24/2019	KB	05/25/19 4:45 KB
Client Sample Description		1F-CR406-04-0 CLASSROOM 406	Collected:	5/15/2019	Lab ID:	011905973-0007	
Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND		1.00 µg/L	5/24/2019	KB	05/25/19 4:47 KB
Client Sample Description		2F-CR406-04-0 2ND DRAW	Collected:	5/15/2019	Lab ID:	011905973-0008	
Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND		1.00 µg/L	5/24/2019	KB	05/25/19 4:48 KB
Client Sample Description		1F-BR-01-0 STAFF BATHROOM 2ND FLOOR NEXT TO 205	Collected:	5/15/2019	Lab ID:	011905973-0009	
Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND		1.00 µg/L	5/24/2019	KB	05/25/19 4:49 KB
Client Sample Description		2F-BR-01-0 2ND DRAW	Collected:	5/15/2019	Lab ID:	011905973-0010	
Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst	
METALS							
200.8	Lead	ND		1.00 µg/L	5/24/2019	KB	05/25/19 4:51 KB

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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/15/19 9:00 AM

Project: LENFEST CAMPUS

Analytical Results

Client Sample Description 1 1F-BR-01-0 **Collected:** 5/15/2019 **Lab ID:** 011905973-0011
 STAFF BATHROOM NEXT TO 205

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 4:52 KB
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Client Sample Description 1 2F-BR-01-0 **Collected:** 5/15/2019 **Lab ID:** 011905973-0012
 2ND DRAW

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 4:59 KB
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Client Sample Description 1F-BR-03-0 **Collected:** 5/15/2019 **Lab ID:** 011905973-0013
 STAFF BATHROOM NEXT TO 305

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 5:00 KB
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Client Sample Description 2F-BR-03-0 **Collected:** 5/15/2019 **Lab ID:** 011905973-0014
 2ND DRAW

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 5:01 KB
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Client Sample Description 1F-BR-04-0 **Collected:** 5/15/2019 **Lab ID:** 011905973-0015
 STAFF BATHROOM

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 5:02 KB
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 Received: 05/15/19 9:00 AM

Project: **LENFEST CAMPUS****Analytical Results**

Client Sample Description 2F-BR-04-0
2ND DRAW
Collected: 5/15/2019
Lab ID: 011905973-0016

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 5:04 KB
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Client Sample Description 1F-GB-01-0
GIRLS BATHROOM
Collected: 5/15/2019
Lab ID: 011905973-0017

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 5:05 KB
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Client Sample Description 2F-GB-01-0
2ND DRAW
Collected: 5/15/2019
Lab ID: 011905973-0018

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/24/2019 KB	05/25/19 5:06 KB
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Client Sample Description 1F-GB-02-0
GIRLS BATHROOM NEXT TO NURSES
Collected: 5/15/2019
Lab ID: 011905973-0019

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.40		1.00 µg/L	5/24/2019 KB	05/25/19 5:08 KB
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Client Sample Description 2F-GB-02-0
2ND DRAW
Collected: 5/15/2019
Lab ID: 011905973-0020

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.63		1.00 µg/L	5/24/2019 KB	05/25/19 5:09 KB
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Received: 05/15/19 9:00 AM

Project: **LENFEST CAMPUS****Analytical Results**

Client Sample Description 1F-GB-03-0
GIRLS BATHROOM NEXT TO 301
Collected: 5/15/2019
Lab ID: 011905973-0021

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:04 VD
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Client Sample Description 2F-GB-03-0
2ND DRAW
Collected: 5/15/2019
Lab ID: 011905973-0022

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:10 VD
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Client Sample Description 1F-GB-04-0
GIRLS BATHROOM NEXT TO 401
Collected: 5/15/2019
Lab ID: 011905973-0023

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:12 VD
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Client Sample Description 2F-GB-04-0
2ND DRAW
Collected: 5/15/2019
Lab ID: 011905973-0024

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:13 VD
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Client Sample Description 1F-BB-01-0
1ST DRAW NEXT TO 115
Collected: 5/15/2019
Lab ID: 011905973-0025

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:14 VD
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**EMSL Analytical, Inc.**

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EMSL Order: 011905973

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 Received: 05/15/19 9:00 AM

Project: **LENFEST CAMPUS****Analytical Results**

Client Sample Description 2F-BB-01-0
BOYS BATHROOM
Collected: 5/15/2019
Lab ID: 011905973-0026

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:16 VD
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Client Sample Description 1F-BB-02-0
2ND DRAW /1ST DRAW NEXT TO 205
Collected: 5/15/2019
Lab ID: 011905973-0027

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:17 VD
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Client Sample Description 2F-BB-02-0
BOYS BATHROOM
Collected: 5/15/2019
Lab ID: 011905973-0028

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:18 VD
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Client Sample Description 1F-BB-03-0
2ND DRAW
Collected: 5/15/2019
Lab ID: 011905973-0029

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.16		1.00 µg/L	5/28/2019 VD	05/28/19 19:19 VD
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Client Sample Description 2F-BB-03-0
BOYS BATHROOM
Collected: 5/15/2019
Lab ID: 011905973-0030

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	3.95		1.00 µg/L	5/28/2019 VD	05/28/19 19:21 VD
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 Received: 05/15/19 9:00 AM

Project: LENFEST CAMPUS

Analytical Results

Client Sample Description 1F-BB-04-0
2ND DRAW
Collected: 5/15/2019
Lab ID: 011905973-0031

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:22 VD
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Client Sample Description 2F-BB-04-0
BOYS BATHROOM
Collected: 5/15/2019
Lab ID: 011905973-0032

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:28 VD
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Client Sample Description 1F-MO-01-0
NURSE SINK
Collected: 5/15/2019
Lab ID: 011905973-0033

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:30 VD
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Client Sample Description 2F-MO-01-0
2ND DRAW
Collected: 5/15/2019
Lab ID: 011905973-0034

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/28/2019 VD	05/28/19 19:31 VD
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Client Sample Description 1F-SS-01-0
SLOP SINK 1ST FLOOR
Collected: 5/15/2019
Lab ID: 011905973-0035

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.87		1.00 µg/L	5/28/2019 VD	05/28/19 19:32 VD
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**EMSL Analytical, Inc.**

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Received: 05/15/19 9:00 AM

Project: **LENFEST CAMPUS****Analytical Results**

Client Sample Description 2F-SS-01-0
2ND DRAW **Collected:** 5/15/2019 **Lab ID:** 011905973-0036

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	73.5		1.00 µg/L	5/28/2019 VD	05/28/19 19:33 VD

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.9 MANN SCHOOL:

LOCATION	ANALYTICAL RESULT
Slop Sink 1 st draw	148 ppb
Slop Sink 2 nd draw	55.3 ppb



EMSL Analytical, Inc.

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5/13/2019

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The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/30/2019. The results are tabulated on the attached data pages for the following client designated project:

Mann School

The reference number for these samples is EMSL Order #011904982. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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EMSL Order: 011904982

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 Received: 04/30/19 9:00 AM

Project: Mann School

Analytical Results

Client Sample Description 1F-KI-01-0
3 Bowl Sink
Collected: 4/30/2019
Lab ID: 011904982-0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 2F-KI-01-0
2nd Draw
Collected: 4/30/2019
Lab ID: 011904982-0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1 1F-KI-01-0
Hand Wash; First Sink
Collected: 4/30/2019
Lab ID: 011904982-0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.25		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1 2F-KI-01-0
2nd Draw
Collected: 4/30/2019
Lab ID: 011904982-0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1F-TC-01-0
Teacher Lounge Bathroom
Collected: 4/30/2019
Lab ID: 011904982-0005

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.82		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 2F-TC-01-0
2nd Draw
Collected: 4/30/2019
Lab ID: 011904982-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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 Received: 04/30/19 9:00 AM

Project: Mann School

Analytical Results

Client Sample Description 2F-TC-01-0
2nd Draw
Collected: 4/30/2019
Lab ID: 011904982-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.14		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1F-GB-01-0
Girls Bathroom; Next to 104
Collected: 4/30/2019
Lab ID: 011904982-0007

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.12		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 2F-GB-01-0
2nd Draw
Collected: 4/30/2019
Lab ID: 011904982-0008

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1F-BB-01-0
Boys Bathroom; Next to 105
Collected: 4/30/2019
Lab ID: 011904982-0009

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	4.81		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 2F-BB-01-0
2nd Draw
Collected: 4/30/2019
Lab ID: 011904982-0010

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.40		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1F-GB-02-0
Girls Bathroom; Next to 204
Collected: 4/30/2019
Lab ID: 011904982-0011

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011904982

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/30/19 9:00 AM

Project: **Mann School****Analytical Results**

Client Sample Description 1F-GB-02-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0011
 Girls Bathroom; Next to 204

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.19		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 2F-GB-02-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0012
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1F-BB-02-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0013
 Boys Bathroom

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.47		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 2F-BB-02-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0014
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	7.58		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1F-RM200-02-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0015
 Room 200

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.79		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 2F-RM200-02-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0016
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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 Fax: (856) 365-9333
 Received: 04/30/19 9:00 AM

Project: Mann School

Analytical Results

Client Sample Description 2F-RM200-02-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0016
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.93		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1F-RM300-03-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0017
 Room 300

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.46		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 2F-RM300-03-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0018
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.07		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1F-RMB6-01-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0019
 B6 Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.38		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 2F-RMB6-01-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0020
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1F-BR-RMB6-01-0 **Collected:** 4/30/2019 **Lab ID:** 011904982-0021
 B6 Bathroom

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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CustomerID: SMCG99

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 Fax: (856) 365-9333
 Received: 04/30/19 9:00 AM

Project: **Mann School****Analytical Results**

Client Sample Description 1F-BR-RMB6-01-0
B6 Bathroom
Collected: 4/30/2019
Lab ID: 011904982-0021

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	5.02		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 2F-BR-RMB6-01-0
2nd Draw
Collected: 4/30/2019
Lab ID: 011904982-0022

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.00		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1F-MO-01-0
Nurse Bathroom
Collected: 4/30/2019
Lab ID: 011904982-0023

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	7.09		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 2F-MO-01-0
2nd Draw
Collected: 4/30/2019
Lab ID: 011904982-0024

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.24		1.00 µg/L	5/2/2019	VD	5/2/2019	VD
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Client Sample Description 1F-SS-01-0
Slop Sink
Collected: 4/30/2019
Lab ID: 011904982-0025

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	148 D		2.00 µg/L	5/3/2019	JW	5/6/2019	JW
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Client Sample Description 2F-SS-01-0
2nd Draw
Collected: 4/30/2019
Lab ID: 011904982-0026

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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EMSL Order: 011904982

CustomerID: SMCG99

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Phone: (856) 365-9111
Fax: (856) 365-9333
Received: 04/30/19 9:00 AM

Project: **Mann School****Analytical Results**

Client Sample Description 2F-SS-01-0
2nd Draw
Collected: 4/30/2019
Lab ID: 011904982-0026

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	55.3		1.00 µg/L	5/2/2019	VD	5/2/2019	VD

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.10 PASTORIUS SCHOOL:

LOCATION	ANALYTICAL RESULT
Classroom #105 Sink 1 st draw	16.2 ppb
Classroom #100 Sink	757 ppb
Nurses Sink	12.0 ppb



EMSL Analytical, Inc.

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6/4/2019

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Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/21/2019. The results are tabulated on the attached data pages for the following client designated project:

Pastorius School

The reference number for these samples is EMSL Order #011906214. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

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EMSL Order: 011906214

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/21/19 9:00 AM

Project: **Pastorius School****Analytical Results**

Client Sample Description		1F-KI-01-0 3 Bowl Sink	Collected:		5/21/2019 6:00:00 AM	Lab ID:		011906214-0001	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		1.17		1.00 µg/L	6/3/2019	VD	06/03/19 19:34	VD
Client Sample Description		2F-KI-01-0 2nd Draw	Collected:		5/21/2019 6:00:00 AM	Lab ID:		011906214-0002	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND		1.00 µg/L	5/31/2019	VD	05/31/19 19:20	VD
Client Sample Description		1 1F-KI-01-0 First Floor Kitchen Hand Wash Sink	Collected:		5/21/2019 6:00:00 AM	Lab ID:		011906214-0003	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		1.11		1.00 µg/L	6/3/2019	VD	06/03/19 19:38	VD
Client Sample Description		2 2F-KI-01-0 2nd Draw	Collected:		5/21/2019 6:00:00 AM	Lab ID:		011906214-0004	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND		1.00 µg/L	6/3/2019	VD	06/03/19 19:39	VD
Client Sample Description		1F-KI-02-0 2nd Floor Kitchen Sink	Collected:		5/21/2019 6:00:00 AM	Lab ID:		011906214-0005	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		2.32		1.00 µg/L	6/3/2019	VD	06/03/19 19:40	VD

**EMSL Analytical, Inc.**

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EMSL Order: 011906214

CustomerID: SMCG99

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808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/21/19 9:00 AM

Project: **Pastorius School****Analytical Results**

Client Sample Description 2F-KI-02-0
2nd Draw
Collected: 5/21/2019
6:00:00 AM
Lab ID: 011906214-0006

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	6/3/2019 VD	06/03/19 19:41 VD
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Client Sample Description 1F-BR-GY-01-0
Gym Bathroom
Collected: 5/21/2019
6:00:00 AM
Lab ID: 011906214-0007

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	9.88		1.00 µg/L	6/3/2019 VD	06/03/19 19:43 VD
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Client Sample Description 2F-BR-GY-01-0
2nd Draw
Collected: 5/21/2019
6:00:00 AM
Lab ID: 011906214-0008

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	3.18		1.00 µg/L	6/3/2019 VD	06/03/19 19:44 VD
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Client Sample Description 1B-GY-01-0
Gym Water Fountain
Collected: 5/21/2019
6:00:00 AM
Lab ID: 011906214-0009

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.53		1.00 µg/L	6/3/2019 VD	06/03/19 19:45 VD
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Client Sample Description 2B-GY-01-0
2nd Draw
Collected: 5/21/2019
6:00:00 AM
Lab ID: 011906214-0010

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	6/3/2019 VD	06/03/19 19:49 VD
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EMSL Order: 011906214

CustomerID: SMCG99

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 Fax: (856) 365-9333
 Received: 05/21/19 9:00 AM

Project: **Pastorius School****Analytical Results**

Client Sample Description		1F-CR105-01-0 Classroom Sink	Collected:		5/21/2019 6:15:00 AM	Lab ID:		011906214-0011	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND		1.00 µg/L	6/3/2019	VD	06/03/19 19:50	VD
Client Sample Description		2F-CR105-01-0 2nd Draw	Collected:		5/21/2019 6:15:00 AM	Lab ID:		011906214-0012	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND		1.00 µg/L	6/3/2019	VD	06/03/19 19:52	VD
Client Sample Description		1B-CR102-01-0 Class Water Fountain	Collected:		5/21/2019 6:15:00 AM	Lab ID:		011906214-0013	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		4.73		1.00 µg/L	6/3/2019	VD	06/03/19 19:56	VD
Client Sample Description		2B-CR102-01-0 2nd Draw	Collected:		5/21/2019 6:15:00 AM	Lab ID:		011906214-0014	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		2.85		1.00 µg/L	6/3/2019	VD	06/03/19 19:57	VD
Client Sample Description		1F-CR102-01-0 Classroom Sink	Collected:		5/21/2019 6:15:00 AM	Lab ID:		011906214-0015	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		16.2		1.00 µg/L	6/3/2019	VD	06/03/19 19:58	VD

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Project: **Pastorius School****Analytical Results**

Client Sample Description		2F-CR102-01-0 2nd Draw	Collected:		5/21/2019 6:15:00 AM	Lab ID:		011906214-0016	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND		1.00 µg/L	5/31/2019	VD	05/31/19 19:21	VD
Client Sample Description		1B-CR101-01-0 Classroom Water Fountain	Collected:		5/21/2019 6:15:00 AM	Lab ID:		011906214-0017	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		2.16		1.00 µg/L	6/3/2019	VD	06/03/19 19:59	VD
Client Sample Description		2B-CR101-01-0 2nd Draw	Collected:		5/21/2019 6:15:00 AM	Lab ID:		011906214-0018	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		ND		1.00 µg/L	6/3/2019	VD	06/03/19 20:01	VD
Client Sample Description		1F-CR101-01-0 Class Sink	Collected:		5/21/2019 6:15:00 AM	Lab ID:		011906214-0019	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		1.07		1.00 µg/L	6/3/2019	VD	06/03/19 20:05	VD
Client Sample Description		2F-CR101-01-0 2nd Draw	Collected:		5/21/2019 6:15:00 AM	Lab ID:		011906214-0020	
Method	Parameter		Result	RL	Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS									
200.8	Lead		1.04		1.00 µg/L	5/31/2019	VD	05/31/19 19:23	VD

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Project: **Pastorius School****Analytical Results**

Client Sample Description 1F-CR100-01-0 **Collected:** 5/21/2019 **Lab ID:** 011906214-0021
 Class Sink Water Fountain 6:15:00 AM

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.68	1.00	µg/L	6/3/2019 VD	06/03/19 20:06 VD
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Client Sample Description 2F-CR100-01-0 **Collected:** 5/21/2019 **Lab ID:** 011906214-0022
 2nd Draw 6:15:00 AM

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00	µg/L	6/3/2019 VD	06/03/19 20:07 VD
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Client Sample Description 1 1F-CR100-01-0 **Collected:** 5/21/2019 **Lab ID:** 011906214-0023
 2nd Classroom Sink in 100 6:15:00 AM

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	757 D	20.0	µg/L	6/3/2019 VD	06/04/19 9:51 VD
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Client Sample Description 1 2F-CR100-01-0 **Collected:** 5/21/2019 **Lab ID:** 011906214-0024
 2nd Draw 6:15:00 AM

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.63	1.00	µg/L	6/3/2019 VD	06/03/19 18:51 VD
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Client Sample Description 1 1B-HA-01-0 **Collected:** 5/21/2019 **Lab ID:** 011906214-0025
 Water Founttain next to Auditorium 6:30:00 AM

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND	1.00	µg/L	6/3/2019 VD	06/03/19 18:55 VD
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EMSL Order: 011906214

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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/21/19 9:00 AM

Project: **Pastorius School****Analytical Results**

Client Sample Description 2 2B-HA-01-0
2nd Draw
Collected: 5/21/2019
6:30:00 AM
Lab ID: 011906214-0026

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	6/3/2019 VD	06/03/19 18:56 VD
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Client Sample Description 5 1B-HA-02-0
Water Fountain across from 208
Collected: 5/21/2019
6:30:00 AM
Lab ID: 011906214-0027

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	6/3/2019 VD	06/03/19 18:58 VD
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Client Sample Description 6 2B-HA-02-0
2nd Draw
Collected: 5/21/2019
6:30:00 AM
Lab ID: 011906214-0028

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	6/3/2019 VD	06/03/19 18:59 VD
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Client Sample Description 7 1B-HA-03-0
Water Fountain
Collected: 5/21/2019
6:30:00 AM
Lab ID: 011906214-0029

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	6/3/2019 VD	06/03/19 19:03 VD
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Client Sample Description 8 2B-HA-03-0
2nd Draw
Collected: 5/21/2019
6:30:00 AM
Lab ID: 011906214-0030

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.35		1.00 µg/L	6/3/2019 VD	06/03/19 19:04 VD
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**EMSL Analytical, Inc.**

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011906214

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
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808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/21/19 9:00 AM

Project: **Pastorius School****Analytical Results**

Client Sample Description 1F-HA-02-0
Hallway Sink
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0031

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.07		1.00 µg/L	6/3/2019 VD	06/03/19 19:05 VD
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Client Sample Description 2F-HA-02-0
2nd Draw
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0032

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.17		1.00 µg/L	6/3/2019 VD	06/03/19 19:07 VD
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Client Sample Description 1F-HA-03-0
Hallway Sink
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0033

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.22		1.00 µg/L	6/3/2019 VD	06/03/19 19:08 VD
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Client Sample Description 2F-HA-03-0
2nd Draw
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0034

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	6/3/2019 VD	06/03/19 19:09 VD
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Client Sample Description 1F-GB-01-0
Girls Bathroom 1st Floor
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0035

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	2.10		1.00 µg/L	6/3/2019 VD	06/03/19 19:13 VD
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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/21/19 9:00 AM

Project: **Pastorius School****Analytical Results**

Client Sample Description 2F-GB-01-0
2nd Draw
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0036

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	6/3/2019 VD	06/03/19 19:14 VD
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Client Sample Description 1F-BB-01-0
Boys Bathroom1st Floor
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0037

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.75		1.00 µg/L	6/3/2019 VD	06/03/19 19:18 VD
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Client Sample Description 2F-BB-01-0
2nd Draw
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0038

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	6/3/2019 VD	06/03/19 19:20 VD
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Client Sample Description 1F-GB-02-0
Girls Bathroom 2nd Floor
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0039

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.36		1.00 µg/L	6/3/2019 VD	06/03/19 19:21 VD
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Client Sample Description 2F-GB-02-0
2nd Draw
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0040

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	1.07		1.00 µg/L	6/3/2019 VD	06/03/19 19:22 VD
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 Received: 05/21/19 9:00 AM

Project: **Pastorius School****Analytical Results**

Client Sample Description 1F-BB-02-0
Boys Bathroom 2nd Floor
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0041

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	2.12	1.00	µg/L	6/3/2019 VD	06/03/19 20:14 VD
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Client Sample Description 2F-BB-02-0
2nd Draw
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0042

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	2.49	1.00	µg/L	6/3/2019 VD	06/03/19 19:23 VD
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Client Sample Description 1F-OF-01-0
Principal Office Sink
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0043

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	14.3	1.00	µg/L	6/3/2019 VD	06/03/19 19:25 VD
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Client Sample Description 2F-OF-01-0
2nd Draw
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0044

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	6.92	1.00	µg/L	6/3/2019 VD	06/03/19 19:26 VD
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Client Sample Description 1F-MO-01-0
Nurse Sink
Collected: 5/21/2019 7:00:00 AM
Lab ID: 011906214-0045

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
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METALS

200.8	Lead	12.0	1.00	µg/L	6/3/2019 VD	06/03/19 20:23 VD
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Fax: (856) 365-9333
Received: 05/21/19 9:00 AM

Project: **Pastorius School****Analytical Results**

Client Sample Description 2F-MO-01-0
2nd Draw
Collected: 5/21/2019
7:00:00 AM
Lab ID: 011906214-0046

Method	Parameter	Result	RL	Units	Prep Date & Analyst	Analysis Date & Analyst
METALS						
200.8	Lead	4.10		1.00 µg/L	6/3/2019 VD	06/03/19 20:24 VD

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.11 PICKETT CAMPUS:

LOCATION	ANALYTICAL RESULT
1 st Floor Water Fountain Classroom 102 1 st draw	17.8 ppb
1 st Floor Water Fountain Classroom 102 2 nd draw	12.6 ppb
3 rd Floor Water Fountain Classroom 310 1 st draw	174 ppb
3 rd Floor Water Fountain Classroom 310 2 nd draw	53.2 ppb



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Attn:

**Sean Smith
Smithco Engineering Group
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5/7/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/18/2019. The results are tabulated on the attached data pages for the following client designated project:

Pickett Campus

The reference number for these samples is EMSL Order #011904610. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

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 Fax: (856) 365-9333
 Received: 04/18/19 2:30 PM

Project: **Pickett Campus****Analytical Results**

Client Sample Description 1F-KI-01-0
3 Bowl Sink
Collected: 4/18/2019
Lab ID: 011904610-0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2F-KI-01-0
3 Bowl Sink; 2nd Draw
Collected: 4/18/2019
Lab ID: 011904610-0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.12		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2 1F-KI-01-0
Hand Wash Sink
Collected: 4/18/2019
Lab ID: 011904610-0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2F-KI-01-0
Hand Wash Sink; 2nd Draw
Collected: 4/18/2019
Lab ID: 011904610-0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.07		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 1F-GY-01-0
Gym Water Fountains
Collected: 4/18/2019
Lab ID: 011904610-0005

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2F-GY-01-0
Gym Water Fountains; 2nd Draw
Collected: 4/18/2019
Lab ID: 011904610-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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 Received: 04/18/19 2:30 PM

Project: **Pickett Campus****Analytical Results**

Client Sample Description 2F-GY-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0006
 Gym Water Fountains; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 1F-TC-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0007
 Teachers Lounge Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2F-TC-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0008
 Teachers Lounge Sink; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 1F-CR102-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0009
 Classroom 102

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	17.8		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2F-CR102-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0010
 Classroom 102; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	12.6		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 1F-CR210-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0011
 Classroom 210

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/18/19 2:30 PM

Project: **Pickett Campus****Analytical Results**

Client Sample Description 1F-CR210-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0011
 Classroom 210

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2F-CR210-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0012
 Classroom 210; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 1F-CR208-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0013
 Classroom 208

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2F-CR208-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0014
 Classroom 208; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 1F-CR204-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0015
 Classroom 204

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2F-CR204-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0016
 Classroom 204; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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 Received: 04/18/19 2:30 PM

Project: **Pickett Campus****Analytical Results**

Client Sample Description 2F-CR204-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0016
 Classroom 204; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 1F-CR202-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0017
 Classroom 202

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	6.81		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2F-CR202-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0018
 Classroom 202; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.70		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 1F-CR310-03-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0019
 Classroom 310

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	174 D		2.00 µg/L	5/3/2019	JW	5/6/2019	JW
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Client Sample Description 2F-CR310-03-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0020
 Classroom 310; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	53.2		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 1 1B-HA-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0021
 1st Floor Water Fountains - Across from 108

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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 Fax: (856) 365-9333
 Received: 04/18/19 2:30 PM

Project: **Pickett Campus****Analytical Results**

Client Sample Description 1 1B-HA-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0021
 1st Floor Water Fountains - Across from 108

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2 2B-HA-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0022
 1st Floor Water Fountains - Across from 108; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 3 1B-HA-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0023
 1st Floor Water Fountains - In Cafeteria

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.70		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 4 2B-HA-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0024
 1st Floor Water Fountains - In Cafeteria; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.13		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 5 1B-HA-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0025
 1st Floor Water Fountains - Across from 116

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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**EMSL Analytical, Inc.**

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Received: 04/18/19 2:30 PM

Project: **Pickett Campus****Analytical Results**

Client Sample Description 6 2B-HA-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0026
1st Floor Water Fountains - Across from
116; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD

Client Sample Description 7 1B-HA-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0027
1st Floor Water Fountain - Across from 206

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD

Client Sample Description 8 2B-HA-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0028
1st Floor Water Fountain - Across from 206;
2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD

Client Sample Description 15 1B-HA-03-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0029
3rd Floor Water Fountains - Across from 308

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD

Client Sample Description 16 2B-HA-03-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0030
3rd Floor Water Fountains - Across from
308; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD

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Project: **Pickett Campus****Analytical Results**

Client Sample Description 1F-GB-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0031
 1st Floor Girls Bathroom - In Stair Way;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.03		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2F-GB-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0032
 1st Floor Girls Bathroom - In Stair Way; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 1F-BB-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0033
 1st Floor Boys Bathroom - Across from 116

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 2F-BB-01-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0034
 1st Floor Boys Bathroom - Across from 116; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Client Sample Description 1F-GB-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0035
 2nd Floor Girls Bathroom - Across from 206

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD
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Project: **Pickett Campus****Analytical Results**

Client Sample Description 2F-GB-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0036
2nd Floor Girls Bathroom - Across from
206; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.05		1.00 µg/L	5/1/2019	VD	5/1/2019	VD

Client Sample Description 1F-BB-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0037
2nd Floor Boys Bathroom - Across from 214

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	5/1/2019	VD	5/1/2019	VD

Client Sample Description 2F-BB-02-0 **Collected:** 4/18/2019 **Lab ID:** 011904610-0038
2nd Floor Boys Bathroom - Across from
214; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.23		1.00 µg/L	5/1/2019	VD	5/1/2019	VD

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.12 SHOEMAKER CAMPUS:

LOCATION	ANALYTICAL RESULT
2 nd Floor Water Fountain Girls Bathroom across from Room 203 2 nd draw	14.6 ppb



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5/15/2019

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The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/1/2019. The results are tabulated on the attached data pages for the following client designated project:

Shoemaker Campus

The reference number for these samples is EMSL Order #011905148. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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 Received: 05/01/19 9:00 AM

Project: **Shoemaker Campus****Analytical Results**

Client Sample Description 1F-KI-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0001
 Kitchen 3 Bowl Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-KI-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0002
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-CF-BR-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0003
 Cafeteria Teacher Bathroom

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-CF-BR-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0004
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1 1B-HA-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0005
 1st Floor Water Fountain Next to 106

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2 2B-HA-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0006
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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 Received: 05/01/19 9:00 AM

Project: **Shoemaker Campus****Analytical Results**

Client Sample Description 2 2B-HA-01-0
2nd Draw
Collected: 5/1/2019
Lab ID: 011905148-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 3 1B-HA-01-0
2nd 1st Floor Water Fountain in Gym
Collected: 5/1/2019
Lab ID: 011905148-0007

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 4 2B-HA-01-0
2nd Draw
Collected: 5/1/2019
Lab ID: 011905148-0008

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 7 1B-HA-02-0
2nd Water Fountain 2nd Floor Across Room 202
Collected: 5/1/2019
Lab ID: 011905148-0009

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 8 2B-HA-02-0
2nd Draw
Collected: 5/1/2019
Lab ID: 011905148-0010

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-BR-01-0
Staff Bathroom 1st Floor Next to 101
Collected: 5/1/2019
Lab ID: 011905148-0011

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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 Received: 05/01/19 9:00 AM

Project: **Shoemaker Campus****Analytical Results**

Client Sample Description 1F-BR-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0011
 Staff Bathroom 1st Floor Next to 101

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-BR-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0012
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-GB-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0013
 Staff Bathroom 2nd Floor Next to 201

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-BR-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0014
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-GB-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0015
 Girls Bathroom 1st Floor Next to 106

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-GB-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0016
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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Project: **Shoemaker Campus****Analytical Results**

Client Sample Description 2F-GB-01-0
2nd Draw
Collected: 5/1/2019
Lab ID: 011905148-0016

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-BB-01-0
Boys Bathroom 1st Floor Next to 101
Collected: 5/1/2019
Lab ID: 011905148-0017

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-BB-01-0
2nd Draw
Collected: 5/1/2019
Lab ID: 011905148-0018

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-GB-02-0
Girls Bathroom 2nd Floor Across from 203
Collected: 5/1/2019
Lab ID: 011905148-0019

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.20		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-GB-02-0
2nd Draw
Collected: 5/1/2019
Lab ID: 011905148-0020

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	14.6		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-BB-02-0
Boys Bathroom 2nd Floor Next to 201
Collected: 5/1/2019
Lab ID: 011905148-0021

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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 Received: 05/01/19 9:00 AM

Project: **Shoemaker Campus****Analytical Results**

Client Sample Description 1F-BB-02-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0021
 Boys Bathroom 2nd Floor Next to 201

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-BB-02-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0022
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	9.24		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-CR101-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0023
 Classroom 101

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-CR101-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0024
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-CR301-03-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0025
 Classroom 301

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-CR301-03-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0026
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011905148

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/01/19 9:00 AM

Project: **Shoemaker Campus****Analytical Results**

Client Sample Description 2F-CR301-03-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0026
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.19		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-CR401-04-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0027
 Classroom 401

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-CR401-04-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0028
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.18		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-MO-O1-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0029
 Nurse Office on 3rd Floor

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-MO-01-0 **Collected:** 5/1/2019 **Lab ID:** 011905148-0030
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.13 SIMON GRATZ:

LOCATION	ANALYTICAL RESULT
2 nd Floor Water Fountain adjacent Room 238 1 st draw	14.9 ppb
2 nd Floor Water Fountain adjacent Room 238 2 nd draw	14.4 ppb
4 th Floor Water Fountain adjacent Room 456 1 st draw	31.4 ppb
4 th Floor Water Fountain adjacent Room 456 2 nd draw	39.1 ppb



EMSL Analytical, Inc.

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Attn:

**Sean Smith
Smithco Engineering Group
808 Market St
Camden, NJ 08102**

4/17/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 3/29/2019. The results are tabulated on the attached data pages for the following client designated project:

Simon Gratz

The reference number for these samples is EMSL Order #011903452. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011903452

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
Fax: (856) 365-9333
Received: 03/29/19 9:00 AM

Project: **Simon Gratz****Analytical Results**

Client Sample Description 1 1B-HA-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0001
Water Fountain - 17st Hallway East;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 2 2B-HA-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0002
Water Fountain - 17st Hallway East; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 3 1B-HA-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0003
Water Fountain - Cross From Auditorium;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.39		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 4 2B-HA-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0004
Water Fountain - Cross From Auditorium; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	4.27		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 9 1B-HA-02-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0005
Water Fountain - Next to 238;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	14.9		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011903452

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 03/29/19 9:00 AM

Project: **Simon Gratz****Analytical Results**

Client Sample Description 10 2B-HA-02-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0006
 Water Fountain - Next to 238; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	14.4		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 15 1B-HA-03-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0007
 Water Fountain - Across from 321;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 16 2B-HA-03-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0008
 Water Fountain - Across from 321; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 19 1B-HA-04-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0009
 Water Fountain - Next to 456;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	31.4		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 20 2B-HA-04-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0010
 Water Fountain - Next to 456; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	39.1		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 1F-KI-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0011
 3 Bowl Sink; Center Room;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011903452

CustomerID: SMCG99

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Attn: **Sean Smith**
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808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 03/29/19 9:00 AM

Project: **Simon Gratz****Analytical Results**

Client Sample Description 1F-KI-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0011
 3 Bowl Sink; Center Room;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.41		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 2F-KI-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0012
 3 Bowl Sink; Center Room; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 1 1F-KI-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0013
 1st Hand Wash by Entrance;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.07		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 1 2F-KI-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0014
 1st Hand Wash by Entrance; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.13		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 2 1F-KI-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0015
 Hand Wash Sink - Next to Crock;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 2 2F-KI-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0016
 Hand Wash Sink - Next to Crock; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011903452

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 03/29/19 9:00 AM

Project: **Simon Gratz****Analytical Results**

Client Sample Description 2 F-KI-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0016
 Hand Wash Sink - Next to Crock; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 1F-CR362-03-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0017
 Classroom 362 - Sink by Entrance;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	5.81		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 2F-CR362-03-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0018
 Classroom 362 - Sink by Entrance; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	6.37		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 1F-CR348-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0019
 Classroom 348 - First Sink;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	9.56		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 2F-CR348-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0020
 Classroom 348 - First Sink; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	6.03		1.00 µg/L	4/12/2019	VD	4/13/2019	VD
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Client Sample Description 1F-BR-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0021
 Staff Bathroom - Across from 112;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011903452

CustomerID: SMCG99

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ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 03/29/19 9:00 AM

Project: **Simon Gratz****Analytical Results**

Client Sample Description 1F-BR-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0021
 Staff Bathroom - Across from 112;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.49		1.00 µg/L	4/12/2019	VD	4/12/2019	VD
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Client Sample Description 2F-BR-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0022
 Staff Bathroom - Across from 112; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	7.32		1.00 µg/L	4/12/2019	VD	4/12/2019	VD
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Client Sample Description 1F-GB-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0023
 Girls Bathroom - Next to Auditorium;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.05		1.00 µg/L	4/12/2019	VD	4/12/2019	VD
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Client Sample Description 2F-GB-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0024
 Girls Bathroom - Next to Auditorium; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/12/2019	VD	4/12/2019	VD
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Client Sample Description 1F-BB-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0025
 Boys Bathroom - Next to Auditorium;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	7.24		1.00 µg/L	4/12/2019	VD	4/12/2019	VD
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**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011903452

CustomerID: SMCG99

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ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 03/29/19 9:00 AM

Project: **Simon Gratz****Analytical Results**

Client Sample Description 2F-BB-01-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0026
 Boys Bathroom - Next to Auditorium; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.15		1.00 µg/L	4/12/2019	VD	4/12/2019	VD

Client Sample Description 1F-GB-02-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0027
 Girls Bathroom 2nd Floor - Across from 228;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	4.25		1.00 µg/L	4/12/2019	VD	4/12/2019	VD

Client Sample Description 2F-GB-02-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0028
 Girls Bathroom 2nd Floor - Across from 228; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	8.97		1.00 µg/L	4/12/2019	VD	4/12/2019	VD

Client Sample Description 1F-BB-02-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0029
 Boys Bathroom 2nd Floor - 18th St Side;

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.47		1.00 µg/L	4/12/2019	VD	4/12/2019	VD

Client Sample Description 2F-BB-02-0 **Collected:** 3/29/2019 **Lab ID:** 011903452-0030
 Boys Bathroom 2nd Floor - 18th St Side; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	4/12/2019	VD	4/12/2019	VD

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

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EMSL Order: 011903452

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
Fax: (856) 365-9333
Received: 03/29/19 9:00 AM

Project: **Simon Gratz****Analytical Results**

Client Sample Description 1F-MO-01-0
Nurse's Sink; **Collected:** 3/29/2019 **Lab ID:** 011903452-0031

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	1.85		1.00 µg/L	4/12/2019	VD	4/12/2019	VD

Client Sample Description 2F-MO-01-0
Nurse's Sink; 2nd Draw **Collected:** 3/29/2019 **Lab ID:** 011903452-0032

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	4.58		1.00 µg/L	4/12/2019	VD	4/12/2019	VD

Definitions:

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.14 SMEDLEY SCHOOL:

ALL SAMPLES WERE BELOW REGULATORY LIMITS



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

**Sean Smith
Smithco Engineering Group
808 Market St
Camden, NJ 08102**

5/8/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/2/2019. The results are tabulated on the attached data pages for the following client designated project:

Smedley School

The reference number for these samples is EMSL Order #011905155. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

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EMSL Order: 011905155

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/02/19 9:00 AM

Project: **Smedley School****Analytical Results**

Client Sample Description 1F-KI-01-0
3 Bowl sink
Collected: 5/2/2019
Lab ID: 011905155-0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-KI-01-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.16		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-CR101-01-0
Classroom Sink
Collected: 5/2/2019
Lab ID: 011905155-0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-CR101-01-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-CR102-01-0
Classroom Sink
Collected: 5/2/2019
Lab ID: 011905155-0005

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-CR102-01-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011905155

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
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Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/02/19 9:00 AM

Project: **Smedley School****Analytical Results**

Client Sample Description 2F-CR102-01-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-CR103-01-0
Classroom Sink
Collected: 5/2/2019
Lab ID: 011905155-0007

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-CR103-01-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0008

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-CR104-01-0
Classroom Sink
Collected: 5/2/2019
Lab ID: 011905155-0009

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-CR104-01-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0010

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-CR106-01-0
Classroom Sink
Collected: 5/2/2019
Lab ID: 011905155-0011

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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<http://www.EMSL.com>EnvChemistry2@emsl.com

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CustomerID: SMCG99

CustomerPO:

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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/02/19 9:00 AM

Project: **Smedley School****Analytical Results**

Client Sample Description 1F-CR106-01-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0011
 Classroom Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.29		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-CR106-01-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0012
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	5.85		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-CR107-01-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0013
 Classroom Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.09		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-CR107-01-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0014
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-CR108-01-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0015
 Classroom Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-CR108-01-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0016
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

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 Fax: (856) 365-9333
 Received: 05/02/19 9:00 AM

Project: **Smedley School****Analytical Results**

Client Sample Description 2F-CR108-01-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0016

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-MO-01-0
Nurse Sink
Collected: 5/2/2019
Lab ID: 011905155-0017

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-MO-01-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0018

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1 1B-HA-01-0
1st floor Water Fountains Next to 102
Collected: 5/2/2019
Lab ID: 011905155-0019

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2 2B-HA-01-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0020

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 3 1B-HA-01-0
1st Floor Water Fountains Next to 107
Collected: 5/2/2019
Lab ID: 011905155-0021

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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CustomerID: SMCG99

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 Received: 05/02/19 9:00 AM

Project: **Smedley School****Analytical Results**

Client Sample Description 3 1B-HA-01-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0021
 1st Floor Water Fountains Next to 107

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 4 2B-HA-01-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0022
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 5 1B-HA-02-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0023
 2nd Floor Water Fountains Next to 202

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 6 2B-HA-02-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0024
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 7 1B-HA-02-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0025
 2nd Floor Water Fountains Next to 207

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 8 2B-HA-02-0 **Collected:** 5/2/2019 **Lab ID:** 011905155-0026
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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CustomerID: SMCG99

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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 05/02/19 9:00 AM

Project: **Smedley School****Analytical Results**

Client Sample Description 8 2B-HA-02-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0026

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 9 1B-HA-03-0
3rd Floor Water Fountains Next to 307
Collected: 5/2/2019
Lab ID: 011905155-0027

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 10 2B-HA-03-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0028

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 11 1B-HA-03-0
3rd Floor Water Fountains Next to 302
Collected: 5/2/2019
Lab ID: 011905155-0029

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 12 2B-HA-03-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0030

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-BR-01-0
Staff Bathroom
Collected: 5/2/2019
Lab ID: 011905155-0031

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
--------	-----------	--------	----	-------	-----------	---------	---------------	---------

METALS

**EMSL Analytical, Inc.**

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 Received: 05/02/19 9:00 AM

Project: **Smedley School****Analytical Results**

Client Sample Description 1F-BR-01-0
Staff Bathroom
Collected: 5/2/2019
Lab ID: 011905155-0031

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-BR-01-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0032

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-BR-02-0
Staff Bathroom
Collected: 5/2/2019
Lab ID: 011905155-0033

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.14		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-BR-02-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0034

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 1F-GB-02-0
Girls Bathroom
Collected: 5/2/2019
Lab ID: 011905155-0035

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.69		1.00 µg/L	5/3/2019	VD	5/3/2019	VD
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Client Sample Description 2F-GB-02-0
2nd Draw
Collected: 5/2/2019
Lab ID: 011905155-0036

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

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EMSL Order: 011905155

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Camden, NJ 08102

Phone: (856) 365-9111
Fax: (856) 365-9333
Received: 05/02/19 9:00 AM

Project: **Smedley School****Analytical Results**

Client Sample Description 2F-GB-02-0
2nd Draw **Collected:** 5/2/2019 **Lab ID:** 011905155-0036

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	8.85		1.00 µg/L	5/3/2019	VD	5/3/2019	VD

Client Sample Description 1F-BB-02-0
Boys Bathroom **Collected:** 5/2/2019 **Lab ID:** 011905155-0037

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	12.3		1.00 µg/L	5/3/2019	VD	5/3/2019	VD

Client Sample Description 2F-BB-02-0
2nd Draw **Collected:** 5/2/2019 **Lab ID:** 011905155-0038

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	5/3/2019	VD	5/3/2019	VD

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.15 THOMAS ELEMENTARY:

ALL SAMPLES WERE BELOW REGULATORY LIMITS



EMSL Analytical, Inc.

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5/2/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/17/2019. The results are tabulated on the attached data pages for the following client designated project:

Mastery Thomas Elementary

The reference number for these samples is EMSL Order #011904395. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

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EMSL Order: 011904395

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Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/17/19 9:00 AM

Project: **Mastery Thomas Elementary****Analytical Results**

Client Sample Description 1 1B-HA-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0001
 1st Floor Water Fountain; Next to 24

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 2 2B-HA-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0002
 1st Floor Water Fountain; Next to 24; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 3 1B-HA-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0003
 1st Floor Water Fountain; Next to 107

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 4 2B-HA-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0004
 1st Floor Water Fountain; Next to 107; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 5 1B-HA-02-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0005
 2nd Floor Water Fountain; 204

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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**EMSL Analytical, Inc.**

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<http://www.EMSL.com>EnvChemistry2@emsl.com

EMSL Order: 011904395

CustomerID: SMCG99

CustomerPO:

ProjectID:

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 Fax: (856) 365-9333
 Received: 04/17/19 9:00 AM

Project: **Mastery Thomas Elementary****Analytical Results**

Client Sample Description 6 2B-HA-02-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0006
 2nd Floor Water Fountain; 204; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 7 1B-HA-02-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0007
 2nd Floor Water Fountain; Across from 208

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 8 2B-HA-02-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0008
 2nd Floor Water Fountain; Across from 208;
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 9 1B-HA-03-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0009
 3rd Floor Water Fountain; Across From 308

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 10 2B-HA-03-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0010
 3rd Floor Water Fountain; Across From 308;
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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 Received: 04/17/19 9:00 AM

Project: **Mastery Thomas Elementary****Analytical Results**

Client Sample Description 11 1B-HA-03-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0011
 3rd Floor Water Fountain; Nex to 312

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 12 2B-HA-03-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0012
 3rd Floor Water Fountain; Nex to 312; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 1F-KI-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0013
 3 Bowl Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 2F-KI-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0014
 3 Bowl Sink; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 1F-GB-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0015
 Girls Bathroom; Next to Rm 24

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.38		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 2F-GB-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0016
 Girls Bathroom; Next to Rm 24; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Project: **Mastery Thomas Elementary****Analytical Results**

Client Sample Description 2F-GB-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0016
 Girls Bathroom; Next to Rm 24; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.33		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 1F-GB-02-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0017
 Girls Bathroom; Next to Rm 11

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 2F-GB-02-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0018
 Girls Bathroom; Next to Rm 11; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 1F-GB-03-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0019
 Girls Bathroom; Next to Nurse

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 2F-GB-03-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0020
 Girls Bathroom; Next to Nurse; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.25		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 1F-BB-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0021
 Boys Bathroom; Next to Cafe

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Project: **Mastery Thomas Elementary****Analytical Results**

Client Sample Description 1F-BB-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0021
 Boys Bathroom; Next to Cafe

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 2F-BB-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0022
 Boys Bathroom; Next to Cafe; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 1F-BB-02-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0023
 Boys Bathroom; Next to Rm 11

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.45		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 2F-BB-02-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0024
 Boys Bathroom; Next to Rm 11; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 1F-BB-03-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0025
 Boys Bathroom; Near 3rd Floor Printer

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD
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Client Sample Description 2F-BB-03-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0026
 Boys Bathroom; Near 3rd Floor Printer; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Project: **Mastery Thomas Elementary****Analytical Results**

Client Sample Description 2F-BB-03-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0026
 Boys Bathroom; Near 3rd Floor Printer; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	4/30/2019	VD	4/30/2019	VD

Client Sample Description 1F-MO-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0027
 Nurse Office

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	2.94		1.00 µg/L	4/30/2019	VD	4/30/2019	VD

Client Sample Description 2F-MO-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0028
 Nurse Office; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	2.43		1.00 µg/L	4/30/2019	VD	4/30/2019	VD

Client Sample Description 1F-SS-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0029
 Slop Sink; 1st Floor

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	2.91		1.00 µg/L	5/1/2019	VD	5/1/2019	VD

Client Sample Description 2F-SS-01-0 **Collected:** 4/17/2019 **Lab ID:** 011904395-0030
 Slop Sink; 1st Floor; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	2.04		1.00 µg/L	4/30/2019	VD	4/30/2019	VD

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

3.2.16 THOMAS HIGH SCHOOL:

ALL SAMPLES WERE BELOW REGULATORY LIMITS



EMSL Analytical, Inc.

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4/26/2019

Phone: (856) 365-9111

Fax: (856) 365-9333

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 4/10/2019. The results are tabulated on the attached data pages for the following client designated project:

Mastery Thomas HIGH

The reference number for these samples is EMSL Order #011904304. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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EMSL Order: 011904304

CustomerID: SMCG99

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 Received: 04/10/19 9:00 AM

Project: **Mastery Thomas HIGH****Analytical Results**

Client Sample Description 1F-KI-01-0
3 Bowl Sink
Collected: 4/10/2019
Lab ID: 011904304-0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-KI-01-0
3 Bowl Sink; 2nd Draw
Collected: 4/10/2019
Lab ID: 011904304-0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1 1F-KI-01-0
Hand Wash - Outside Kitchen
Collected: 4/10/2019
Lab ID: 011904304-0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1 2F-KI-01-0
Hand Wash - Outside Kitchen; 2nd Draw
Collected: 4/10/2019
Lab ID: 011904304-0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1F-GB-GY-01-0
Girls Bathroom - Gym - 4th Floor
Collected: 4/10/2019
Lab ID: 011904304-0005

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-GB-GY-01-0
Girls Bathroom - Gym - 4th Floor; 2nd Draw
Collected: 4/10/2019
Lab ID: 011904304-0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

**EMSL Analytical, Inc.**

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 Received: 04/10/19 9:00 AM

Project: **Mastery Thomas HIGH****Analytical Results**

Client Sample Description 2F-GB-GY-01-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0006
 Girls Bathroom - Gym - 4th Floor; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1F-CR209-02-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0007
 Class Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-CR209-02-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0008
 Class Sink; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1F-CR309-03-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0009
 Class Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-CR309-03-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0010
 Class Sink; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1F-CR313-03-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0011
 Class Sink

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Received: 04/10/19 9:00 AM

Project: **Mastery Thomas HIGH****Analytical Results**

Client Sample Description 1F-CR313-03-0
Class Sink **Collected:** 4/10/2019 **Lab ID:** 011904304-0011

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-CR313-03-0
Class Sink; 2nd Draw **Collected:** 4/10/2019 **Lab ID:** 011904304-0012

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1F-CR409-04-0
Class Sink **Collected:** 4/10/2019 **Lab ID:** 011904304-0013

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	4.33		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-CR409-04-0
Class Sink; 2nd Draw **Collected:** 4/10/2019 **Lab ID:** 011904304-0014

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.04		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1 1B-HA-01-0
First Floor Water Fountain - Across from 106 **Collected:** 4/10/2019 **Lab ID:** 011904304-0015

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2 2B-HA-01-0
First Floor Water Fountain - Across from 106; 2nd Draw **Collected:** 4/10/2019 **Lab ID:** 011904304-0016

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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EMSL Order: 011904304

CustomerID: SMCG99

CustomerPO:

ProjectID:

Attn: **Sean Smith**
Smithco Engineering Group
808 Market St
Camden, NJ 08102

Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/10/19 9:00 AM

Project: **Mastery Thomas HIGH****Analytical Results**

Client Sample Description 2 2B-HA-01-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0016
 First Floor Water Fountain - Across from
 106; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD

Client Sample Description 9 1B-HA-03-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0017
 Water Fountain - 3rd Floor - Next to 317

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD

Client Sample Description 10 2B-HA-03-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0018
 Water Fountain - 3rd Floor - Next to 317;
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD

Client Sample Description 13 1B-HA-04-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0019
 Water Fountain - 4th Floor - Next to 416

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD

Client Sample Description 14 2B-HA-04-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0020
 Water Fountain - 4th Floor - Next to 416;
 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
METALS								
200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD

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Project: **Mastery Thomas HIGH****Analytical Results**

Client Sample Description 1F-BR-01-0
Staff Bathroom
Collected: 4/10/2019
Lab ID: 011904304-0021

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-BR-01-0
Staff Bathroom; 2nd Draw
Collected: 4/10/2019
Lab ID: 011904304-0022

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1F-BR-02-0
Staff Bathroom (209)
Collected: 4/10/2019
Lab ID: 011904304-0023

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	1.41		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-BR-02-0
Staff Bathroom (209); 2nd Draw
Collected: 4/10/2019
Lab ID: 011904304-0024

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1F-GB-01-0
Girls Bathroom - Through 102
Collected: 4/10/2019
Lab ID: 011904304-0025

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-GB-01-0
Girls Bathroom - Through 102; 2nd Draw
Collected: 4/10/2019
Lab ID: 011904304-0026

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Project: **Mastery Thomas HIGH****Analytical Results**

Client Sample Description 2F-GB-01-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0026
 Girls Bathroom - Through 102; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	2.05		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1F-GB-02-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0027
 Girls Bathroom - Next to 216

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-GB-02-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0028
 Girls Bathroom - Next to 216; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1F-BB-01-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0029
 Boys Bathroom - Through 102

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-BB-01-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0030
 Boys Bathroom - Through 102; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	3.54		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1F-BB-02-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0031
 Boys Bathroom - Next to 211

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

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Phone: (856) 365-9111
 Fax: (856) 365-9333
 Received: 04/10/19 9:00 AM

Project: **Mastery Thomas HIGH****Analytical Results**

Client Sample Description 1F-BB-02-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0031
 Boys Bathroom - Next to 211

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-BB-02-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0032
 Boys Bathroom - Next to 211; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 1F-MO-01-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0033
 Nurse's Office

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Client Sample Description 2F-MO-01-0 **Collected:** 4/10/2019 **Lab ID:** 011904304-0034
 Nurse's Office; 2nd Draw

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
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METALS

200.8	Lead	ND		1.00 µg/L	4/24/2019	VD	4/24/2019	VD
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Definitions:

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution

4.0 INTERPRETATION OF ANALYTICAL RESULTS

4.1 Cleveland School

SAMPLE ID	LOCATION	ANALYTICAL RESULT	COMMENTS
1F-BLR-01-0	Hall Sink Next to Cafeteria 1 st draw	289 ppb	<ol style="list-style-type: none"> 1. The sample was taken in Hall Sink. No Drinking Signs...water should not be consumed" should be posted immediately. 2. May consider shutting off or disconnect outlet. If outlet is frequently used, bottled water could be provided as a replacement.

4.2 Fredrick Douglass

SAMPLE ID	LOCATION	ANALYTICAL RESULT	COMMENTS
1 1B-HA-01-0	1st Floor Water Fountain 1 st draw	708 ppb	<ol style="list-style-type: none"> 1. The sample was taken from a water fountain. No Drinking Signs...water should not be consumed" should be posted immediately. Very likely student would drink from this outlet. 2. May consider shutting off or disconnect outlet. If outlet is frequently used, bottled water could be provided as a replacement.
2 2B-HA-01-0	1st Floor Water Fountain 2 nd draw	58 ppb	Same as above.
11 1B-HA-02-0	2nd Floor Water Fountain by 2c 1 st draw	1,760 ppb	Same as above.
12 2B-HA-02-0	2nd Floor Water Fountain by 2c 2 nd draw	260 ppb	Same as above.
21-1B-HA-03-0	3rd Floor Water Fountain by 3C 1 st draw	3,530 ppb	Same as above.
22 2B-HA-03-0	3rd Floor Water Fountains by 3C 2 nd draw	165 ppb	Same as above.
2F-GB-02-0	Girls Bathroom by 2C 1 st draw	18 ppb	Same as above.
2F-GB-02-0	Girls Bathroom by 2C 2 nd draw	27.8 ppb	Same as above.

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4.3 Lenfest Campus

SAMPLE ID	LOCATION	ANALYTICAL RESULT	COMMENTS
2F-SS-01-0	Slop Sink 2 nd draw	73.5 ppb	<ol style="list-style-type: none"> 1. Sample taken from Slop Sink. It is highly unlikely children will be drinking from this outlet. 2. May post “No Drinking Signs...water should not be consumed.

4.4 Mann School

SAMPLE ID	LOCATION	ANALYTICAL RESULT	COMMENTS
1F-SS-01-0	Slop Sink 1 st draw	148 ppb	<ol style="list-style-type: none"> 1. Sample taken from Slop Sink. It is highly unlikely children will be drinking from this outlet. 2. May post “No Drinking Signs...water should not be consumed.
2F-SS-01-0	Slop Sink 2 nd draw	55.3 ppb	Same as above.

4.5 Pastorius School

SAMPLE ID	LOCATION	ANALYTICAL RESULT	COMMENTS
1F-CR102-01-0	Classroom #105 Sink 1 st draw	16.2 ppb	<ol style="list-style-type: none"> 1. The sample was taken from a water fountain. No Drinking Signs...water should not be consumed” should be posted immediately. Sample bordering the permissible levels.

SAMPLE ID	LOCATION	ANALYTICAL RESULT	COMMENTS
			2. May consider shutting off or disconnect outlet. If outlet is frequently used, bottled water could be provided as a replacement.
1 1F-CR100-01-0	Classroom #100 Sink	757 ppb	<ol style="list-style-type: none"> 1. The sample was taken from a sink. No Drinking Signs...water should not be consumed” should be posted immediately. 2. May consider shutting off or disconnect outlet. If outlet is frequently used, bottled water could be provided as a replacement.
1F-MO-01-0	Nurses Sink	12 ppb	<ol style="list-style-type: none"> 1. The sample was taken from a sink. No Drinking Signs...water should not be consumed” should be posted immediately. Sample bordering the permissible levels. Very likely student would drink from this outlet. 2. May consider shutting off or disconnect outlet. If outlet is frequently used, bottled water could be provided as a replacement.

4.6 Pickett School

SAMPLE ID	LOCATION	ANALYTICAL RESULT	COMMENTS
1F-CR102-01-0	Classroom 102 Water Fountain	17.8 ppb	1. Sample bordering the permissible levels. The sample was taken from a water fountain. No Drinking Signs...water should not be consumed” should be posted immediately. Very likely

SAMPLE ID	LOCATION	ANALYTICAL RESULT	COMMENTS
			student would drink from this outlet.
			2. May consider shutting off or disconnect outlet. If outlet is frequently used, bottled water could be provided as a replacement.
2F-CR102-02-0	Classroom 102 Water Fountain 2 nd draw	12.6 ppb	Same as above.
1F-CR310-03-0	Classroom 310 Water Fountain	174 ppb	1. The sample was taken from a water fountain. No Drinking Signs...water should not be consumed” should be posted immediately. Very likely student would drink from this outlet. 2. May consider shutting off or disconnect outlet. If outlet is frequently used, bottled water could be provided as a replacement.
2F-CR310-03-0	Classroom 310 Water Fountain 2 nd draw	53.2 ppb	Same as above.

4.7 Shoemaker Campus

SAMPLE ID	LOCATION	ANALYTICAL RESULT	COMMENTS
2F-GB-02-0	2 nd Floor Water Fountain Girls Bathroom across from Classroom 203 2 nd draw	14.6 ppb	1. Sample bordering the permissible levels. The sample was taken from a water fountain. No Drinking Signs...water should not be consumed” should be posted immediately. Very likely student would drink from this outlet. 2. May consider shutting off or disconnect outlet. If outlet is frequently used, bottled water could be provided as a

			replacement.
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4.8 Simon Gratz

SAMPLE ID	LOCATION	ANALYTICAL RESULT	COMMENTS
9 1B-HA-01-0	Water Fountain – Next to Classroom 238	14.9 ppb	<ol style="list-style-type: none"> 1. Sample bordering the permissible levels. The sample was taken from a water fountain. No Drinking Signs...water should not be consumed” should be posted immediately. Very likely student would drink from this outlet. 2. May consider shutting off or disconnect outlet. If outlet is frequently used, bottled water could be provided as a replacement.
10-2B-HA-02-0	Water Fountain – Next to Classroom 238 2 nd draw	14.4 ppb	Same as above.
19 1B-HA-04-0	4 th Floor Water Fountain adjacent Classroom 456 1 st draw	31.4 ppb	<ol style="list-style-type: none"> 1. The sample was taken from a water fountain. No Drinking Signs...water should not be consumed” should be posted

			immediately. Very likely student would drink from this outlet.
		2.	May consider shutting off or disconnect outlet. If outlet is frequently used, bottled water could be provided as a
20 2B-HA-04-0	4 th Floor Water Fountain adjacent Classroom 456 2 nd draw	39.1 ppb	Same as above.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Solutions to lead problems typically need to be made on an interim (short-term) and on a permanent basis. In addition, there are routine measures that should be taken. You should work closely with maintenance staff and any plumbers who may make repairs. Make sure that users are familiar with the use of new fixtures you install.

Outlined below are various routine, interim and permanent remedies.

5.1 Routine Control Measures

Below are examples of routine activities that should be conducted to prevent exposure to elevated levels of lead:

- Create aerator (screen) cleaning maintenance schedule and clean debris from all accessible aerators frequently.
- Use only cold water for food and beverage preparation. Hot water will dissolve lead more quickly than cold water and is likely to contain increased lead levels. If hot water is needed, it should be taken from the cold water tap and heated on a stove or in a microwave oven.
- Instruct the users (students and staff) to run the water before drinking or staff could run the water before students arrive, so they are drinking water that has not been in contact with the faucet interior since faucets are often a major source of lead in drinking water.
- Placard bathroom sinks with notices that water should not be consumed. You should use pictures if there are small children using bathrooms.

5.2 Interim (Short-Term) Control Measures

Some examples of interim control measures include:

- 1) **“Flush” the piping system in your building.** “Flushing” involves opening suspect taps every morning before the facility opens and letting the water run to remove water that has been standing in the interior pipes and/or the outlets. The flushing time varies by the type of outlet being cleared. The degree to which flushing helps reduce lead levels can also vary depending upon the age and condition of the plumbing and the corrosiveness of the water. Flushing instructions are presented in Exhibit 5.1.

Exhibit 5.1: Flushing Directions by Outlet Type

Remember that each drinking water outlet should be flushed individually; flushing a toilet will not flush your water fountains. All flushing should be recorded in a log submitted daily to the office, or person, in charge of this program.

- Locate the faucet furthest away from the service line on each wing and floor of the building, open the faucets wide, and let the water run for 10 minutes. For best results, calculate the volume of the plumbing and the flow rate at the tap and adjust the flushing time accordingly. This 10-minute time frame is considered adequate for most buildings.
- Open valves at all drinking water fountains without refrigeration units and let the water run for roughly 30 seconds to one minute, or until cold.
- Let the water run on all refrigerated water fountains for 15 minutes. Because of the long time period required, routinely flushing refrigerated fountains may not be feasible. It may therefore be necessary, and more economical, to replace these outlets with lead-free, NSF-approved devices.
- Open all kitchen faucets (and other faucets where water will be used for drinking and/or cooking) and let the water run for 30 seconds to one minute, or until cold.

- 2) **Provide bottled water.** This can be an expensive alternative but might be warranted if you expect or are aware of widespread contamination and flushing is not an option. If you use bottled water, be aware that it is not regulated by EPA but rather by the Food and Drug Administration (FDA). EPA recommends that you require a written statement from the bottled water distributor guaranteeing that the bottled water meets FDA and state standards.
- 3) **Shut off problem outlets.** If initial sample results from an outlet exceed 20 ppb, the outlet can be shut off or disconnected until the problem is resolved. If the outlet had been frequently used, bottled water could be provided as a temporary replacement.

5.3 Permanent Remedies

There are a number of actions to permanently reduce or eliminate the sources of lead that originate in your building's plumbing. Some of these actions may allow the elimination or reduction of routine flushing or other interim measures. After obtaining an understanding of your water supply and the lead conditions in your facility (as a result of testing), we should examine the permanent treatment options and select those most appropriate to your situation. Obviously, your decision will be based on such factors as cost, likelihood of success, availability of water and staffing requirements.

- 1) **Replacement.** If the sources of lead contamination are localized and limited to a few outlets, replacing these outlets or upstream components may be the most practical solution.

- 2) **Lead levels can be reduced at the tap.** Reverse osmosis units are commercially available and can be effective in removing lead. Since these devices also tend to make the water corrosive, they should only be used when placed at water outlets. Such devices are termed point-of-use (POU) devices. POU devices can be used to treat faucets or taps, but would not be used on drinking water fountains. There are a number of POU cartridge filter units on the market that effectively remove lead.
- 3) **Check grounding wires.** Electrical current may accelerate the corrosion of lead in piping materials. Existing wires already grounded to the water pipes can possibly be removed by a qualified electrician, and replaced by an alternative grounding system.
- 4) **Lead pipe replacement.** Lead pipes within the school and those portions of the lead service lines under the water supplier's jurisdiction can be replaced.
- 5) **Reconfigure plumbing.** In some facilities, the plumbing system might be modified so that water supplied for drinking or cooking is redirected to bypass sources of lead contamination. Before undertaking such an alternative, be certain of the sources of lead contamination. Follow-up testing would also be necessary, as with the other remedies, to ensure that the efforts result in reduced lead levels at the tap.
- 6) **Manual flushing.** Flushing individual problem outlets or all outlets may also represent a permanent, albeit ongoing, solution. There are advantages and disadvantages to flushing. Flushing is often the quickest and easiest solution to high lead levels, especially when contamination is localized in a small area or in a small building.
- 7) **SMITHCO's Automatic flushing.** Time-operated solenoid valves can be installed and set to automatically flush the main pipes (headers) of the system. It is important to note that solenoid valves are not practical for flushing water coolers. They would have to be flushed manually by staff.
- 8) **Bottled water.** If other treatment fails or is impractical, bottled water can be purchased for consumption by the building community. As noted under the interim remedies section above, make sure that the bottled water you select meets federal and/or state standards for lead and other drinking water contaminants. EPA recommends that you require a written statement from the bottled water distributor guaranteeing that the lead levels in the water do not exceed 5ppb.
- 9) **Use lead-free materials.** Make sure that any plumber who does repair or replacement work on the facility's plumbing system uses only "lead-free" solders and other materials.
- 10) **Shut off problem outlets.** If initial sample results from an outlet exceed 20 ppb, the outlet can be shut off or disconnected permanently. If the outlet had not been used regularly, this may be a viable option. However, if the outlet had been frequently used, this is probably not a practical solution.

ATTACHMET 1
PLUMBING PROFILE QUESTIONNAIRE
FLOOR PLANS W/ OUTLETS IDENTIFIED

CLEVELAND SCHOOL PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	<p>Cleveland Elementary had been constructed in 1925</p>
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	<p>No its not led free</p>
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	<p>No none</p>
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	<p>Cast Iron Ductile</p> <p>Boiler Room</p>
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction f water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	<p>Cooper</p>
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	<p>No none</p>
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	<p>No None</p>

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	No just some portable coolers
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	5 sinks in kitchen
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	NO
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	Yes
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	Screens cleaned as needed or if they become logged or noticeably dirty
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	None
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	None
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	None

<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	No samples taken
<p>17. Other plumbing questions:</p> <ul style="list-style-type: none"> • Are blueprints of the building available? • Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”? • Are renovations being planned for part or all of the plumbing system? 	<p>Plans are available at main campus</p> <p>None</p> <p>Second floor renovations over the summer</p>
<p>18. Bathrooms:</p> <ul style="list-style-type: none"> • Location • Boys and Girls • Nurse bathroom • Gym bathrooms • Principal office 	
<p>19. Sinks:</p> <ul style="list-style-type: none"> • Locations • 5 kitchen sinks • Nurse sink • Main office 	

JOHN WISTER PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	Wister was constructed in 1952
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	Yes
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	2 nd Floor boys bathroom
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Cast iron Ductile
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	Cooper
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	No none
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	No

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	<p>Yes</p>
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>3 sinks in kitchen 7 water coolers 7 water fountains</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	<p>The brand is whirlpool</p>
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	<p>Yes</p>
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	<p>Yes screens are cleaned as needed or if they become clogged or are noticeably dirty</p>
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	<p>No none detected</p>
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	<p>None</p>
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	<p>No</p>

<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	<p>Yes unsure of the type</p>
<ul style="list-style-type: none"> • Other plumbing questions: <ul style="list-style-type: none"> • Are blueprints of the building available? • Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”? • Are renovations being planned for part or all of the plumbing system? 	<p>Yes plans are at the main campus</p> <p>No</p> <p>No</p>
<ul style="list-style-type: none"> • Bathrooms: • 109 bathroom • 10 boys and girls bathrooms • Nurse bathroom • Basement bathroom 	<p>See attached Floor Plans</p>
<p>19. Sinks:</p> <ul style="list-style-type: none"> • 2 slop sinks 1st floor • 4 kitchen sinks • Teacher lounge sink • 7 water fountains 	<p>Classes with sinks and baths</p> <p>110</p> <p>109</p> <p>107</p> <p>108</p>

FRANCIS D. PASTORIUS PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	1965
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	yes
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	Ladies Bathroom 1 st floor
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Galvanized Metal
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	Cooper
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	Yes pressure tanks

<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	<p>Yes, it was built in 1965</p>
<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	<p>None</p>
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>2 water coolers</p> <p>6 water fountains</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	<p>Yes, none apply</p>
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	<p>Yes</p>
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	<p>Yes, on a needed basis.</p>

13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.	Yes Crawl space between bathrooms every floor
14. Is any electrical equipment grounded to water pipes? Note the locations.	No
15. Have there been any complaints about bad (metallic) taste? Note the locations.	No
16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier). <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	Frequent test on boiler results not submitted
17. Other plumbing questions: <ul style="list-style-type: none"> • Are blueprints of the building available? • Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”? • Are renovations being planned for part or all of the plumbing system? 	Yes plans are available at main campus Crawl space between bathrooms Work being done at school now

SHOEMAKER CAMPUS PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	1925
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	Yes repairs made on other side renovations unknown and lead free
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	New side of building
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Cast Iron (G4) Ductile
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction if water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	Cast Iron And Cooper
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	Yes Air expansion tank Air filters
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	Yes, on old side of building

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	None
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>2 water coolers 1 Ice maker 4 Kitchen taps 4 water fountains</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banner water coolers? Note the location of any banned coolers.</p>	No, none apply
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	Yes
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	Yes, on a needed basis.
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	Yes
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	NO
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	No

<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? 	None
<p>17. Other plumbing questions:</p> <ul style="list-style-type: none"> • Are blueprints of the building available? • Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”? • Are renovations being planned for part or all of the plumbing system? 	<p>Plans Available at main campus</p> <p>No</p> <p>No</p>

HARDY HIGH/ELEMENTARY PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	1922
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	<p>Yes</p> <p>Pipes removed</p>
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	<p>Lobby pipe leak repairs to be made 2/15/19</p>
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Cast iron
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction if water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	<p>Cast iron</p> <p>Some Copper</p>
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	Yes
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	No

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	<p>Yes</p>
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>5 Kitchen Sinks 5 water coolers 5 water fountains</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	<p>NO</p>
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	<p>NO</p>
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	<p>Yes, serviced out by company</p>
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	<p>No</p>
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	<p>Yes, the all water coolers</p>
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	<p>No</p>
<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	<p>No Samples have been taken</p>

17. Other plumbing questions: <ul style="list-style-type: none">• Are blueprints of the building available?• Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”?• Are renovations being planned for part or all of the plumbing system?	Yes plans are available at main campus No Yes 2/15/19
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CLYMER ELEMENTARY SCHOOL PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	<p>1964</p>
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	<p>Yes</p> <p>N/A</p>
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	<p>1st floor cafeteria replace shutoff valve boys bathroom</p>
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	<p>Cast Iron</p>
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	<p>PVC</p> <p>And</p> <p>Cooper</p>
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	<p>Expansion tanks</p>
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	<p>No current Plumbing Blue Prints</p>

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	<p>Yes 1st 2nd 3rd floor water fountains</p>
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>6 water coolers 1 ice maker 9 water fountains</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	<p>Yes, there are no banned brands in the building.</p>
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	<p>No outlets provide screens</p>
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	<p>No</p>
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	<p>No signs of corrosion and leaks.</p>
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	<p>No electrical equipment grounded</p>
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	<p>None</p>
<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	<p>Testing to boiler once a month</p>

17. Other plumbing questions: <ul style="list-style-type: none">• Are blueprints of the building available?• Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”?• Are renovations being planned for part or all of the plumbing system?	Plans available at main campus No No
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LENFEST SCHOOL PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	1980
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	None used
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	Not Since 2006 Kitchen Drain lines
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Cast Iron
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	Cooper
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	Pressure tanks are in the system
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	No current Plumbing Blue Prints

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	<p>Yes brass fittings are used</p>
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>8 water coolers 1 ice maker 8 water fountains 5 kitchen tap</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	<p>Yes, there are no banned brands in the building.</p>
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	<p>Yes outlets provide screens</p>
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	<p>No</p>
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	<p>No signs of corrosion and leaks.</p>
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	<p>NO electrical equipment grounded</p>
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	<p>None</p>
<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	<p>Testing to boiler once a month</p>

17. Other plumbing questions: <ul style="list-style-type: none">• Are blueprints of the building available?• Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”?• Are renovations being planned for part or all of the plumbing system?	Plans available at main campus No No
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SMEDLEY SCHOOL PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	1928
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	Yes built in 1928
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	3rd floor staff bathroom
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Cast Iron
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	Cooper
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	Expansion tanks
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	No current Plumbing Blue Prints

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	<p>No None</p>
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>6 water coolers 1 ice maker 6 water fountains</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	<p>Yes, there are no banned brands in the building.</p>
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	<p>No outlets provide screens</p>
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	<p>No</p>
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	<p>No signs of corrosion and leaks.</p>
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	<p>No electrical equipment grounded</p>
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	<p>None</p>
<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? <p>Is testing done regularly at your facility?</p>	

17. Other plumbing questions: <ul style="list-style-type: none">• Are blueprints of the building available?• Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”?• Are renovations being planned for part or all of the plumbing system?	Plans available at main campus No No
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MANN SCHOOL PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	1923
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	No
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	No recent repairs made
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Cast Iron
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	Cooper
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	None
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	Yes built in 1923 places unidentifiable

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	<p>No None</p>
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>10water fountains</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	<p>No, there are no banned brands in the building.</p>
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	<p>Yes outlets provide screens</p>
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	<p>Yes frequently</p>
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	<p>Yes when water main shutdown</p>
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	<p>NO electrical equipment grounded</p>
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	<p>None</p>
<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	<p>Testing to boiler once a month</p>

17. Other plumbing questions: <ul style="list-style-type: none">• Are blueprints of the building available?• Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”?• Are renovations being planned for part or all of the plumbing system?	Plans available at main campus No No
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GRATZ UPPER/LOWER SCHOOL PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	<p>1927</p>
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	<p>Yes</p> <p>N/A</p>
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	<p>None</p>
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	<p>Cast Iron</p>
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	<p>Cooper</p>
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	<p>Galvanized storage tanks in facility</p>
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	<p>Yes built in 1927</p>

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	<p>Yes brass fittings in facility</p>
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>6 water coolers 1 ice maker 12 water fountains 6 bubblers</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	<p>No, there are no banned brands in the building.</p>
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	<p>Yes outlets provide screens</p>
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	<p>Screens are cleaned often</p>
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	<p>No signs of corrosion and leaks.</p>
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	<p>NO electrical equipment grounded</p>
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	<p>None</p>
<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	<p>Testing to boiler once a month</p>

17. Other plumbing questions: <ul style="list-style-type: none">• Are blueprints of the building available?• Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”?• Are renovations being planned for part or all of the plumbing system?	Plans available at main campus No No
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GILLESPIE SCHOOL PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	1925
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	2017-18 New repairs made in building
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	East Side 1 st floor hall And 2 nd floor
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Cast Iron
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	Cooper
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	Expansion tanks
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	No current Plumbing Blue Prints

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	<p>Yes brass fitting are used inside building</p>
<p>10. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>3 water coolers</p> <p>5 water fountains</p> <p>6 kitchen taps</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	<p>Yes, there are no banned brands in the building.</p>
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	<p>No outlets provide screens</p>
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	<p>No</p>
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	<p>No signs of corrosion and leaks.</p>
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	<p>NO electrical equipment grounded</p>
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	<p>None</p>
<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	<p>Testing to boiler once a month</p>

17. Other plumbing questions: <ul style="list-style-type: none">• Are blueprints of the building available?• Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”?• Are renovations being planned for part or all of the plumbing system?	Plans available at main campus No No
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PICKETT SCHOOL PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	1964
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	Remodeled 2004 lead free
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	Main Hallway 1 st 2 nd 3 rd floor renovations
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Galvanized metal used in building
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	Cooper
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	None
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	No current Plumbing Blue Prints

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	Yes brass used throughout building
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>5 water coolers 1 ice maker 9 water fountains 4 kitchen taps 6 bubblers</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	Yes, there are no banned brands in the building.
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	No outlets provide screens
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	No
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	No signs of corrosion and leaks.
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	NO electrical equipment grounded
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	None
<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	Testing to boiler once a month

17. Other plumbing questions: <ul style="list-style-type: none">• Are blueprints of the building available?• Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”?• Are renovations being planned for part or all of the plumbing system?	Plans available at main campus No No
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Thomas High School Plumbing Profile Questionnaire

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	1912
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	Yes repairs made 2016
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	No Recent renovations
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Cast Iron
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	Cooper
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	None
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	No current Plumbing Blue Prints

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	Yes brass used throughout building
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>8 water coolers</p> <p>8 water fountains</p> <p>3 Kitchen taps</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	Yes, there are no banned brands in the building.
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	Yes outlets provide screens
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	Yes once a month
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	No signs of corrosion and leaks.
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	NO electrical equipment grounded
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	None
<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	Testing to boiler once a month

17. Other plumbing questions: <ul style="list-style-type: none">• Are blueprints of the building available?• Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”?• Are renovations being planned for part or all of the plumbing system?	Plans available at main campus No No
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HARRITY UPPER/LOWER SCHOOL PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	1906
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	Lead free solder
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	Upstairs kitchen Feb 1,2019
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Cast Iron
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	Cooper
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	None
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	No current Plumbing Blue Prints

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	None
<p>9. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>9 water coolers 7 kitchen taps 9 water fountains</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	Yes, there are no banned brands in the building.
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	No outlets provide screens
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	No
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	No signs of corrosion and leaks.
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	NO electrical equipment grounded
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	Some complaints none to major
<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	Testing to boiler once a month

17. Other plumbing questions: <ul style="list-style-type: none">• Are blueprints of the building available?• Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”?• Are renovations being planned for part or all of the plumbing system?	Plans available at main campus No No
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THOMAS ELEMENTARY SCHOOL PLUMBING PROFILE QUESTIONNAIRE

PLUMBING PROFILE QUESTIONS	ANSWERS
<p>1. When was the original building constructed?</p> <p>Were any buildings or additions added to the original facility? If so, complete a separate plumbing profile for each building, addition, or wing.</p>	1964
<p>2. If built or repaired since 1986, were lead- free plumbing and solder used in accordance with the lead-free requirements of the 1986 Safe Drinking Water Act Amendments?</p> <p>What type of solder has been used?</p>	<p>Yes</p> <p>N/A</p>
<p>3. Where were the most recent plumbing repairs made (Note locations)?</p>	Last year water fountains
<p>4. With what materials is the service connection (the pipe that carries water to the school from the public water system's main in the street) made?</p> <p>Note the location where the service connection enters the building and connects to the interior plumbing.</p>	Cast Iron
<p>5. Specifically, what are the potable water pipes made of in your facility (note the locations)?</p> <ul style="list-style-type: none"> • Lead • Plastic • Galvanized Metal • Cast Iron • Copper • Other <p>Note the location of the different types of pipe, if applicable, and the direction of water flow through the building. Note the areas of the building that receive water first, and which areas receive water last.</p>	Cooper
<p>6. Do you have tanks in your plumbing system (pressure tanks, gravity storage tanks)?</p> <p>Note the location of any tanks, and any available information about that tank; e.g., manufacturer, date of installation</p>	None
<p>7. Was lead solder used in your plumbing system? Note the locations with lead solder.</p>	No current Plumbing Blue Prints

<p>8. Are brass fittings, faucets, or valves used in your drinking water system? (Note: most faucets are brass on the inside.)</p> <p>You may want to note the locations on a map or diagram of your facility and make extensive notes that would facilitate future analysis of lead sample results.</p>	Yes Brass used throughout building
<p>11. How many of the following outlets provide water for consumption? Note the locations.</p> <ul style="list-style-type: none"> • Water Coolers • Bubblers • Ice Makers • Kitchen Taps • Drinking Fountain or Taps 	<p>6 water coolers</p> <p>2 kitchen taps</p> <p>6 water fountains</p>
<p>10. Has your school checked the brands and models of water coolers and compared them to the listing of banned water coolers? Note the location of any banned coolers.</p>	Yes, there are no banned brands in the building.
<p>11. Do outlets that provide drinking water have accessible screens or aerators? (Standard faucets usually have screens. Many coolers and bubblers also have screens.) Note the locations.</p>	Yes outlets provide screens
<p>12. Have these screens been cleaned?</p> <p>Note the locations.</p>	Yes often
<p>13. Can you detect signs of corrosion, such as frequent leaks, rust-colored water, or stained dishes or laundry? Note the locations.</p>	No signs of corrosion and leaks.
<p>14. Is any electrical equipment grounded to water pipes? Note the locations.</p>	NO electrical equipment grounded
<p>15. Have there been any complaints about bad (metallic) taste? Note the locations.</p>	None
<p>16. Check building files to determine whether any water samples have been taken from your building for any contaminants (also check with your public water supplier).</p> <ul style="list-style-type: none"> • Name of contaminant(s)? • What concentration of these contaminants were found? • What was the pH level of the water? • Is testing done regularly at your facility? 	Testing to boiler once a month

17. Other plumbing questions: <ul style="list-style-type: none">• Are blueprints of the building available?• Are there known plumbing “dead ends”, low use areas, existing leaks or other “problem areas”?• Are renovations being planned for part or all of the plumbing system?	Plans available at main campus No No
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