



SMITHCO. ENGINEERING GROUP, INC.

808 Market Street, Suite 336 • Camden, New Jersey 08102

September 17, 2021

Mr. Omar Robinson
 Director of Facilities
 Mastery Charter Schools
 5700 Wayne Ave.
 Philadelphia, Pa. 19144

Dear Mr. Robinson:

THE SMITHCO ENGINEERING GROUP, INC. (SMITHCO) was authorized by the Mastery Charter Schools (Mastery) to undertake lead in water sampling at the newly installed “watering stations” at the following locations:

- ✓ East Camden Middle School
- ✓ McGraw Elementary School
- ✓ Mastery HS
- ✓ Molina Upper
- ✓ Molina Lower
- ✓ Cramer Hill

Sampling was collected by a first draw and second draw method. Samples were collected as a "**first draw**" after a minimum of six (6) hours of no water use. Our Scope of Work is detailed in our Proposal dated July 17, 2020.

It should be noted at **ALL SAMPLES were found to be None Detected except for the following:**

<u>E. Camden Middle</u>	<u>Mastery H.S.</u>	<u>Molina Upper</u>	<u>Molina Lower</u>
Fountain by rm. 160 First Draw - 1.42 ppb Second Draw – 1.43 ppb	Kitchen Sink First Draw - 40 ppb Second Draw – 1.08 ppb	Kitchen Water Fountain First Draw – 1.04 ppb Second Draw – 1.17 ppb	Kitchen Sink First Draw – ND Second Draw – 1.05 ppb
Nurse Office First Draw - 9.06 ppb Second Draw – 2.59 ppb			

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. The only sample as noted above the EPA's recommended guidelines was the Master H.S. Kitchen Sink. But after the second draw the results were dramatically lowered to 1.08 ppb. It is recommended at a minimum for the kitchen sink:

- 1) **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.
- 2) **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.
- 3) **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.

If you should have any questions or need further information, please do not hesitate to contact me.

Respectfully Submitted,

/s/ *Sean S. Smith*

Sean S. Smith, Sr.

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
Cramer Hill	1001 N 17th Camden, NJ
East Camden Middle	3064 Stevens St, Camden, NJ
Mastery High School	800 Erie St, Camden, NJ
Molina Upper	601 Vine St, Camden, NJ
Molina Lower	415 N 9 th St, Camden, NJ
McGraw Elementary	3051Fremont Ave,Camden,NJ

The Scope of Services were conducted pursuant to the regulations and guidance documents from the Bureau of Safe Drinking Water of the New Jersey 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 New Jersey

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 New Jersey 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,
- (3) the water should have sat in the pipes unused for at least 8 hours before the sample is taken.
- (4) 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.
- (5) 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.

- 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 pickup 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 Cramer Hill School:

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 Sample required a dilution which was used to calculate final results

Analytical Results

Project: **Cramer Hill School**

Client Sample Description SMCOCH-01
Nurse Office
Collected: 7/15/2021 7:16:00 AM
Lab ID: 012107737-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/20/2021 KB	7/21/2021 KB 02:26

Client Sample Description SMCOCH-02
2nd Draw Nurse
Collected: 7/15/2021 7:18:00 AM
Lab ID: 012107737-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/20/2021 KB	7/21/2021 KB 02:30

Client Sample Description SMCOCH-03
Kitchen Sink
Collected: 7/15/2021 7:20:00 AM
Lab ID: 012107737-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/20/2021 KB	7/21/2021 KB 02:33

Client Sample Description SMCOCH-04
2nd Draw Kitchen
Collected: 7/15/2021 7:20:00 AM
Lab ID: 012107737-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/20/2021 KB	7/21/2021 KB 02:35

Client Sample Description SMCOCH-05
Fountain by Café
Collected: 7/15/2021 7:24:00 AM
Lab ID: 012107737-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/20/2021 KB	7/21/2021 KB 02:36

Analytical Results

Project: **Cramer Hill School**

Client Sample Description SMCOCH-06
2nd Draw
Collected: 7/15/2021 7:25:00 AM
Lab ID: 012107737-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/20/2021 KB	7/21/2021 KB 02:37

Client Sample Description SMCOCH-07
Fountain next to 145
Collected: 7/15/2021 7:27:00 AM
Lab ID: 012107737-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/20/2021 KB	7/21/2021 KB 02:39

Client Sample Description SMCOCH-08
2nd Draw
Collected: 7/15/2021 7:29:00 AM
Lab ID: 012107737-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/20/2021 KB	7/21/2021 KB 02:40

Client Sample Description SMCOCH-09
Fountain next to 233
Collected: 7/15/2021 7:32:00 AM
Lab ID: 012107737-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/20/2021 KB	7/21/2021 KB 02:41

Client Sample Description SMCOCH-10
2nd Draw
Collected: 7/15/2021 7:33:00 AM
Lab ID: 012107737-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/20/2021 KB	7/21/2021 KB 02:42

Client Description	Sample	SMCOCH-11 Fountain next to 333	Collected:	7/15/2021 7:37:00 AM	Lab ID:	012107737-0011
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Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L	7/20/2021	KB	7/21/2021 02:44	KB

Client Description	Sample	SMCOCH-12 2nd Draw	Collected:	7/15/2021 7:39:00 AM	Lab ID:	012107737-0012
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Method	Parameter	Result	RL Units	Prep Date & Analyst		Analysis Date & Analyst	
METALS							
200.8	Lead	ND	1.00 µg/L	7/20/2021	KB	7/21/2021 02:50	KB

Project: **Cramer Hill School**

Analytical Results

Definitions:

MDL - method detection limit

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

3.2.2 McGraw Elementary:

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 Sample required a dilution which was used to calculate final results

Project: MCGraw Elementary

Analytical Results

Client Sample Description SMCOMCG-01 Kitchen Sink **Collected:** 7/14/2021 7:45:00 AM **Lab ID:** 012107672-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/16/2021 KB	7/17/2021 VD 00:29

Client Sample Description SMCOMCG-02 2nd Draw **Collected:** 7/14/2021 7:47:00 AM **Lab ID:** 012107672-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/16/2021 KB	7/17/2021 VD 00:35

Client Sample Description SMCOMCG-03 Fountain by Auditorium **Collected:** 7/14/2021 7:49:00 AM **Lab ID:** 012107672-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/16/2021 KB	7/17/2021 VD 00:37

Client Sample Description SMCOMCG-04 2nd Draw **Collected:** 7/14/2021 7:51:00 AM **Lab ID:** 012107672-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/16/2021 KB	7/17/2021 VD 00:38

Client Sample Description SMCOMCG-05 Nurse Sink **Collected:** 7/14/2021 7:53:00 AM **Lab ID:** 012107672-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/16/2021 KB	7/17/2021 VD 00:40

Client Sample Description SMCOMCG-06
2nd Draw **Collected:** 7/14/2021 7:55:00 AM **Lab ID:** 012107672-0006

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	ND	1.00 µg/L	7/16/2021	KB	7/17/2021 00:42	VD

Client Sample Description SMCOMCG-07
Fountain by 116 **Collected:** 7/14/2021 7:57:00 AM **Lab ID:** 012107672-0007

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	ND	1.00 µg/L	7/16/2021	KB	7/17/2021 00:44	VD

Client Sample Description SMCOMCG-08
2nd Draw **Collected:** 7/14/2021 7:59:00 AM **Lab ID:** 012107672-0008

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL Units</i>	<i>Prep Date & Analyst</i>		<i>Analysis Date & Analyst</i>	
METALS							
200.8	Lead	ND	1.00 µg/L	7/16/2021	KB	7/17/2021 00:46	VD

3.2.3 East Camden Middle:

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 Sample required a dilution which was used to calculate final results

Analytical Results

Project: East Camden Middle

Client Sample Description SMCOECM-01
Fountain by Rm 160
Collected: 7/13/2021 7:36:00 AM
Lab ID: 012107608-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.42	1.00 µg/L	7/14/2021 KB	7/19/2021 16:26 KB

Client Sample Description SMCOECM-02
2nd draw
Collected: 7/13/2021 7:38:00 AM
Lab ID: 012107608-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.43	1.00 µg/L	7/14/2021 KB	7/19/2021 16:30 KB

Client Sample Description SMCOECM-03
Nurse Office
Collected: 7/13/2021 7:40:00 AM
Lab ID: 012107608-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.06	1.00 µg/L	7/14/2021 KB	7/19/2021 16:31 KB

Client Sample Description SMCOECM-04
Nurse 2nd draw
Collected: 7/13/2021 7:43:00 AM
Lab ID: 012107608-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.59	1.00 µg/L	7/14/2021 KB	7/19/2021 16:32 KB

Client Sample Description SMCOECM-05
Kitchen Sink
Collected: 7/13/2021 7:45:00 AM
Lab ID: 012107608-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2021 KB	7/19/2021 16:33 KB

Analytical Results

Client Sample Description SMCOECM-06
Kitchen 2nd draw
Collected: 7/13/2021 7:46:00 AM
Lab ID: 012107608-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2021 KB	7/19/2021 KB 16:37

Client Sample Description SMCOECM-07
Fountain by Rm 111
Collected: 7/13/2021 7:49:00 AM
Lab ID: 012107608-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2021 KB	7/19/2021 KB 16:39

Client Sample Description SMCOECM-08
2nd draw
Collected: 7/13/2021 7:51:00 AM
Lab ID: 012107608-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2021 KB	7/19/2021 KB 16:40

Client Sample Description SMCOECM-09
Fountain by Rm 216
Collected: 7/13/2021 7:53:00 AM
Lab ID: 012107608-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2021 KB	7/19/2021 KB 16:41

Client Sample Description SMCOECM-10
2nd draw
Collected: 7/13/2021 7:55:00 AM
Lab ID: 012107608-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/14/2021 KB	7/19/2021 KB 16:43

3.2.4 Mastery High School:

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 Sample required a dilution which was used to calculate final results

Project: Mastery High School

Analytical Results

Client Sample Description		SMCOMHS-01 Kitchen Sink	Collected: 7/9/2021 7:14:00 AM		Lab ID: 012107511-0001	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst	
METALS						
200.8	Lead	40.0	1.00 µg/L	7/13/2021 JD	7/15/2021 19:25	JW
Client Sample Description		SMCOMHS-02 Kitchen Sink 2nd Draw	Collected: 7/9/2021 7:16:00 AM		Lab ID: 012107511-0002	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst	
METALS						
200.8	Lead	1.08	1.00 µg/L	7/13/2021 VD	7/14/2021 10:59	KB
Client Sample Description		SMCOMHS-03 Water Fountain Outside Café	Collected: 7/9/2021 7:18:00 AM		Lab ID: 012107511-0003	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst	
METALS						
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:05	KB
Client Sample Description		SMCOMHSC04 2nd Draw	Collected: 7/9/2021 7:20:00 AM		Lab ID: 012107511-0004	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst	
METALS						
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:07	KB
Client Sample Description		SMCOMHS05 Water Fountain by Rm 176	Collected: 7/9/2021 7:22:00 AM		Lab ID: 012107511-0005	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst	
METALS						
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:08	KB

Analytical Results

Client Sample Description		SMCOMHS-06 176 Fountain 2nd Draw	Collected:	7/9/2021 7:24:00 AM	Lab ID:	012107511-0006	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:09	KB	
Client Sample Description		SMCOMHS-07 Water Fountain by 216	Collected:	7/9/2021 7:29:00 AM	Lab ID:	012107511-0007	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:11	KB	
Client Sample Description		SMCOMHS-08 216 Fountain 2nd Draw	Collected:	7/9/2021 7:31:00 AM	Lab ID:	012107511-0008	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:12	KB	
Client Sample Description		SMCOMHS-09 Gym Fountain	Collected:	7/9/2021 7:35:00 AM	Lab ID:	012107511-0009	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:13	KB	
Client Sample Description		SMCOMHS-10 Gym Fountain 2nd Draw	Collected:	7/9/2021 7:37:00 AM	Lab ID:	012107511-0010	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	1.14	1.00 µg/L	7/13/2021 VD	7/14/2021 11:15	KB	

Analytical Results

Client Sample Description		SMCOMHS-11 Water Fountain by 139	Collected:	7/9/2021 7:40:00 AM	Lab ID:	012107511-0011	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:16	KB	
Client Sample Description		SMCOMHS-12 Fountain by 139 2nd Draw	Collected:	7/9/2021 7:42:00 AM	Lab ID:	012107511-0012	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:20	KB	
Client Sample Description		SMCOMHS-13 Front Office Fountain	Collected:	7/9/2021 7:44:00 AM	Lab ID:	012107511-0013	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:24	KB	
Client Sample Description		SMCOMHS-14 Office Fountain 2nd Draw	Collected:	7/9/2021 7:46:00 AM	Lab ID:	012107511-0014	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:25	KB	
Client Sample Description		SMCOMHS-15 Nurse Office	Collected:	7/9/2021 7:50:00 AM	Lab ID:	012107511-0015	
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst		
METALS							
200.8	Lead	ND	1.00 µg/L	7/13/2021 VD	7/14/2021 11:26	KB	

3.2.5 Molina Upper:

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 Sample required a dilution which was used to calculate final results

Analytical Results

Project: **Molina Upper**

Client Sample Description SMCOMU-01 Kitchen Sink **Collected:** 7/20/2021 7:09:00 AM **Lab ID:** 012107974-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/26/2021 VD	07/27/21 7:47 VD

Client Sample Description SMCOMU-02 2nd Draw Kitchen **Collected:** 7/20/2021 7:10:00 AM **Lab ID:** 012107974-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/26/2021 VD	07/27/21 7:52 VD

Client Sample Description SMCOMU-03 Fountainby 109 **Collected:** 7/20/2021 7:11:00 AM **Lab ID:** 012107974-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/26/2021 VD	07/27/21 7:56 VD

Client Sample Description SMCOMU-04 2nd Draw 109 Fountain **Collected:** 7/20/2021 7:12:00 AM **Lab ID:** 012107974-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/26/2021 VD	07/27/21 7:58 VD

Client Sample Description SMCOMU-05 Fountain Across from 105 **Collected:** 7/20/2021 7:15:00 AM **Lab ID:** 012107974-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	7/26/2021 VD	07/27/21 7:59 VD

Client Sample Description		SMCOMU-06 2nd Draw 105 Fountain	Collected: 7/20/2021 7:16:00 AM	Lab ID: 012107974-0006
Method	Parameter	Result	RL Units	Prep Date & Analyst
METALS				
200.8	Lead	ND	1.00 µg/L	7/26/2021 VD 07/27/21 8:01 VD

Client Sample Description		SMCOMU-07 Kitchen Water Fountain	Collected: 7/20/2021 7:18:00 AM	Lab ID: 012107974-0007
Method	Parameter	Result	RL Units	Prep Date & Analyst
METALS				
200.8	Lead	1.04	1.00 µg/L	7/26/2021 VD 07/27/21 8:02 VD

Client Sample Description		SMCOMU-08 2nd Draw	Collected: 7/20/2021 7:19:00 AM	Lab ID: 012107974-0008
Method	Parameter	Result	RL Units	Prep Date & Analyst
METALS				
200.8	Lead	1.17	1.00 µg/L	7/26/2021 VD 07/27/21 8:04 VD

Client Sample Description		SMCOMU-09 2nd Floor Fountain Across 209	Collected: 7/20/2021 7:22:00 AM	Lab ID: 012107974-0009
Method	Parameter	Result	RL Units	Prep Date & Analyst
METALS				
200.8	Lead	ND	1.00 µg/L	7/26/2021 VD 07/27/21 8:05 VD

Client Sample Description		SMCOMU-10 2nd Draw	Collected: 7/20/2021 7:23:00 AM	Lab ID: 012107974-0010
Method	Parameter	Result	RL Units	Prep Date & Analyst
METALS				
200.8	Lead	ND	1.00 µg/L	7/26/2021 VD 07/27/21 8:07 VD

3.2.6 Molina Lower:

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 Sample required a dilution which was used to calculate final results

Analytical Results

Project: **Molina Lower**

Client Sample Description SMCOML-01 Kitchen Sink **Collected:** 7/28/2021 7:17:00 AM **Lab ID:** 012108416-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	8/3/2021 VD	08/03/21 17:31 VD

Client Sample Description SMCOML-02 Kitchen 2nd Draw **Collected:** 7/28/2021 7:18:00 AM **Lab ID:** 012108416-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.05	1.00 µg/L	8/3/2021 VD	08/03/21 17:36 VD

Client Sample Description SMCOML-03 Water Fountain 1st Floor **Collected:** 7/28/2021 7:19:00 AM **Lab ID:** 012108416-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	8/3/2021 VD	08/03/21 17:38 VD

Client Sample Description SMCOML-04 2nd Draw **Collected:** 7/28/2021 7:20:00 AM **Lab ID:** 012108416-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	8/3/2021 VD	08/03/21 17:39 VD

Client Sample Description SMCOML-05 Water Fountain Across Teachers Lounge **Collected:** 7/28/2021 7:23:00 AM **Lab ID:** 012108416-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	8/3/2021 VD	08/03/21 17:41 VD

Client Sample Description SMCOML-06
2nd Draw
Collected: 7/28/2021
7:24:00 AM
Lab ID: 012108416-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	8/3/2021 VD	08/03/21 17:42 VD

Client Sample Description SMCOML-07
2nd Gym Floor Water Fountain
Collected: 7/28/2021
7:31:00 AM
Lab ID: 012108416-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	8/3/2021 VD	08/03/21 17:44 VD

Client Sample Description SMCOML-08
2nd Draw Outside Gym
Collected: 7/28/2021
7:32:00 AM
Lab ID: 012108416-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	8/3/2021 VD	08/03/21 17:45 VD