

Evaluation of Lead in Drinking Water at William Prescott Elementary School

Prescott Avenue & Myrtle Street
Scranton, PA 18510

Prepared for:

SCRANTON SCHOOL DISTRICT
425 N. Washington Ave.
Scranton, PA 18503

Prepared by:



GAI Job No.: SSD.19_673

Sample Date: December 26, 2019

Report Date: January 20, 2020

TABLE OF CONTENTS	Page No.
INTRODUCTION	2
BACKGROUND	2
SAMPLING PROCEDURES	3
SAMPLE RESULTS	4
RECOMMENDATIONS	5
APPENDIX A: SAMPLE CHAIN OF CUSTODY & ANALYTICAL RESULTS	6

INTRODUCTION

Under the 2018 Act 39 Pennsylvania School Code (Section 742) beginning in the 2018-2019 school year and every year thereafter, School Districts in Pennsylvania shall either analyze their drinking water for lead or conduct public meetings to discuss why testing was not conducted.

BACKGROUND

Lead is a naturally occurring heavy metal that is toxic when ingested or absorbed into the body. Children in particular are more susceptible to lead poisoning because they absorb more lead into their systems as they grow.

According to the United States Environmental Protection Agency (EPA), “even low levels of lead in the blood of children can result in:

- Behavior and learning problems
- Lower IQ and Hyperactivity
- Slowed growth
- Hearing problems
- Anemia

In rare cases, ingestion of lead can cause seizures, coma and even death” (Available at www.epa.gov/lead/learn-about-lead, April 4, 2016). Although, there are several ways that lead poisoning can occur in children, this report evaluates potential lead exposure only from drinking water within the **William Prescott Elementary School**.

There are basically two (2) ways in which lead can enter drinking water. The first and least common route would be lead that is present in the source water. This route is extremely rare and would only be addressed if high levels of lead were discovered in the secondary flushed samples.

The second route for lead to enter drinking water (and most common), would be lead that has been leached out of the plumbing material as water passes through it. Although lead is no longer used in pipes or solder, it can still be found in older fittings, fixtures, and plumbing components. The ability of water to leach chemicals from piping and plumbing materials is known as corrosivity. Therefore, the more corrosive the water, the more potential there is for lead to be leached out of the plumbing material. Additionally, as the length of time the water is in contact with the plumbing material increases, so does the potential for the leaching of lead.

SAMPLING PROCEDURES

Both the Environmental Protection Agency [EPA] and the Pennsylvania Department of Environmental Protection Agency [PADEP] have programs to evaluate and reduce the concentration of lead in drinking water. The Federal (EPA) Program, the **3Ts for Reducing Lead in Drinking Water**, was developed for schools and daycare centers. The State (PADEP) Program is directed toward public drinking water suppliers (*Lead Copper Rule, 1991*). The programs differ slightly in sample quantity. However, because EPA's program is geared specifically toward schools, EPA's 3Ts sampling protocols were utilized.

A lead sampling plan was developed by Guzek Associates, Inc. [GAI] with the assistance of school maintenance staff in accordance with **EPA's 3Ts for Reducing Lead in Drinking Water Toolkit** (available at: www.epa.gov/ground-water-and-drinking-water/3ts-reducing-lead-drinking-water-toolkit). Representative samples of water fountains and/or faucets with the likelihood of ingestion by children were located and sampled. For example, if a classroom has two identical water fountains, only one was sampled; or, if a faucet was located in a maintenance room where children had no access, it would not be sampled.

One sample was taken at each designated location at the William Prescott Elementary School, according to EPA's 3T's Toolkit sampling protocols. The sample was taken under worst case scenario condition. All samples were taken as First Draw after the water sat (unused) in the pipes for a minimum of eight (8) hours.

Clean/new sample bottles containing a preservative were supplied by a local laboratory. Samples were transported to the laboratory on ice within the specified holding times.

SAMPLE RESULTS

The sample results were compared to both EPA’s Remediation Trigger Level [RTL] of 0.020 mg/l and PADEP’s Lead Action Level of 0.015 mg/l.

The following table summarizes the First Draw lead results sampled on December 26, 2019 from the William Prescott Elementary School:

Sample ID:	Sample Location Description:	Lead Concentration (mg/l)	Lead RTL* (mg/l)	Lead Action Level** (mg/l)	Exceeds Action Level
PRES-01	2nd Floor, Room 218 – Sink	0.020	0.020	0.015	YES
PRES-02	2 nd Floor, Teachers Lounge - Sink	0.005	0.020	0.015	No
PRES-03	2 nd Floor, Hallway – Water Fountain	<0.001	0.020	0.015	No
PRES-04	2nd Floor, Room 204 – Sink	0.022	0.020	0.015	YES
PRES-05	2nd Floor, Room 205 – Water Fountain	0.079	0.020	0.015	YES
PRES-06	2nd Floor, Room 205 – Sink	0.056	0.020	0.015	YES
PRES-07	1st Floor, Room 104 – Water Fountain	0.18	0.020	0.015	YES
PRES-08	1 st Floor, Hallway – Tall Water Fountain	<0.001	0.020	0.015	No
PRES-09	1 st Floor, Room 104 – Sink	0.006	0.020	0.015	No
PRES-10	1 st Floor, Hallway – Short Water Fountain	0.001	0.020	0.015	No
PRES-11	1st Floor, Room 101 – Water Fountain	0.026	0.020	0.015	YES
PRES-12	1 st Floor, Room 101 – Sink	0.008	0.020	0.015	No
PRES-13	Basement, Hallway – Water Fountain	0.014	0.020	0.015	No
PRES-14	Basement, Health Room – Sink	0.045	0.020	0.015	YES
PRES-15	Basement, Between Restrooms – Sink	0.006	0.020	0.015	No
PRES-16	2 nd Floor, Room 202 – Sink	0.009	0.020	0.015	No
PRES-17	N/A	-	-	-	-

* RTL is defined by EPA as the level at which remedial action should be taken to reduce potential exposure to lead in public school drinking water.

** Action Level is defined by EPA as the level at which action should be taken to reduce the concentration of lead in drinking water.

Samples, PRES-01, PRES-04, PRES-05, PRES-06, PRES-07, PRES-11, and PRES-14, were reported by the laboratory as above the Action Level. If any sample result exceeded PADEP’s Action Level (which is the most stringent), the School was contacted and it was recommended that the fountain/faucet be immediately taken out of service or signage be posted stating, “NOT FOR DRINKING/COOKING”.

It should be noted that sample, PRES-13 was approaching PADEP’s Lead Action Level of 0.015 mg/l. As a safeguard, it is recommended the sample PRES-13 be immediately taken out of service or signage be posted stating, “NOT FOR DRINKING/COOKING”.

No other samples exceeded either EPA’s Remediation Trigger Level [RTL] of 0.020 mg/l and PADEP’s Lead Action Level of 0.015 mg/l.

The Laboratory Analytical Reports (with Chain-of-Custody Forms) are found in Appendix A of this report.

RECOMMENDATIONS

As previously stated, if a sample concentration of 0.015 mg/l of lead was exceeded, GAI contacted the School District and it was recommended that the drinking fountain or faucet of concern be immediately taken out of service or signage be posted stating, “NOT FOR DRINKING/COOKING”. If no sample results exceeded the PADEP’s Action Level or EPA’s RTL, no remediation action was recommended.

As permanent control measure, GAI recommends the following:

- 1). Any fountain or faucet used for drinking with elevated lead content should be permanently removed and replaced with a bottled water cooler.
- 2). It is strongly recommended that any faucet with elevated lead be immediately taken out of service or be posted “NOT FOR DRINKING/COOKING”. Because there is a possibility that Lead may be present in faucets that have not been tested, it is therefore recommended that untested faucets be posted as well. Postings should be inspected monthly and replaced as needed.
- 3). As a safeguard, a schedule of flushing drinking water fountains and cooking faucets should be established by the School at the beginning of each school year and after long holidays (e.g. Christmas/New Year, Thanksgiving).
- 4). Results of lead sampling and remediation actions should be posted on the School District’s Website and in the Administrative Offices of the School. Also, according to the PA Public School Code No. 2018-39, an elevated lead level “shall be reported to the Department of Education and posted on the Department’s publicly accessible Internet Website”.

APPENDIX A: SAMPLE CHAIN OF CUSTODY & ANALYTICAL RESULTS

Report Narrative

Customer: Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Report Date: 1/17/2020

Page 1 of 6

HawkMtn WO #: 1912-00989
Subject Line: Prescott School Drinking Water Lead Analysis

Any information provided by client (CLT) has not been performed by HML and is not within the HML scope of accreditation.

All solid samples are reported on an "as received" basis unless otherwise noted.

The test results meet the requirements of 25 PA Code and Chapter 252, except where noted.

The information contained in this analytical report is the sole property of Hawk MTN Laboratories, Inc. and that of the client. It cannot be reproduced in any form without the consent of Hawk MTN Labs, Inc. or the client for which this report was issued. The results contained in this report(s) are only representative of the sample(s) received. Conditions are dependant on location and time of the sampling event.

Hawk MTN Laboratories, Inc. is not responsible for use or interpretation of the data included herein.



Certificate of Analysis

Customer: Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Report Date: 1/17/2020

Material Tested: Potable Water HawkMtn WO #: 1912-00989-001
Date Sampled: 12/26/2019 Time Sampled: 11:12 Sampler: Client
Date Received: 12/30/2019 Sample Point ID: PRES-01
Client Sample ID: PRES-01, Drinking Water Lead Analysis

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
* Lead, DW ICP-MS	0.0205 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Material Tested: Potable Water HawkMtn WO #: 1912-00989-002
Date Sampled: 12/26/2019 Time Sampled: 11:12 Sampler: Client
Date Received: 12/30/2019 Sample Point ID: PRES-02
Client Sample ID: PRES-02, Drinking Water Lead Analysis

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
Lead, DW ICP-MS	0.00523 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Material Tested: Potable Water HawkMtn WO #: 1912-00989-003
Date Sampled: 12/26/2019 Time Sampled: 11:13 Sampler: Client
Date Received: 12/30/2019 Sample Point ID: PRES-03
Client Sample ID: PRES-03, Drinking Water Lead Analysis

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
Lead, DW ICP-MS	<0.001 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Material Tested: Potable Water HawkMtn WO #: 1912-00989-004
Date Sampled: 12/26/2019 Time Sampled: 11:14 Sampler: Client
Date Received: 12/30/2019 Sample Point ID: PRES-04
Client Sample ID: PRES-04, Drinking Water Lead Analysis

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
* Lead, DW ICP-MS	0.0215 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	



Certificate of Analysis

Customer: Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Report Date: 1/17/2020

Material Tested: Potable Water HawkMtn WO #: 1912-00989-005
Date Sampled: 12/26/2019 Time Sampled: 11:16 Sampler: Client
Date Received: 12/30/2019 Sample Point ID: PRES-05
Client Sample ID: PRES-05, Drinking Water Lead Analysis

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
* Lead, DW ICP-MS	0.0792 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Material Tested: Potable Water HawkMtn WO #: 1912-00989-006
Date Sampled: 12/26/2019 Time Sampled: 11:16 Sampler: Client
Date Received: 12/30/2019 Sample Point ID: PRES-06
Client Sample ID: PRES-06, Drinking Water Lead Analysis

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
* Lead, DW ICP-MS	0.0556 mg/L	1	0.001	EPA 200.8		KLM	1/9/20 17:51	

Material Tested: Potable Water HawkMtn WO #: 1912-00989-007
Date Sampled: 12/26/2019 Time Sampled: 11:24 Sampler: Client
Date Received: 12/30/2019 Sample Point ID: PRES-07
Client Sample ID: PRES-07, Drinking Water Lead Analysis

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
* Lead, DW ICP-MS	0.179 mg/L	5	0.001	EPA 200.8		KLM	1/9/20 0:51	

Material Tested: Potable Water HawkMtn WO #: 1912-00989-008
Date Sampled: 12/26/2019 Time Sampled: 11:20 Sampler: Client
Date Received: 12/30/2019 Sample Point ID: PRES-08
Client Sample ID: PRES-08, Drinking Water Lead Analysis

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
Lead, DW ICP-MS	<0.001 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Certificate of Analysis

Customer: Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Report Date: 1/17/2020

Material Tested: Potable Water
Date Sampled: 12/26/2019 Time Sampled: 11:24
Date Received: 12/30/2019
Client Sample ID: PRES-09, Drinking Water Lead Analysis

HawkMtn WO #: 1912-00989-009
Sampler: Client
Sample Point ID: PRES-09

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
Lead, DW ICP-MS	0.00569 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Material Tested: Potable Water
Date Sampled: 12/26/2019 Time Sampled: 11:20
Date Received: 12/30/2019
Client Sample ID: PRES-10, Drinking Water Lead Analysis

HawkMtn WO #: 1912-00989-010
Sampler: Client
Sample Point ID: PRES-10

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
Lead, DW ICP-MS	0.00143 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Material Tested: Potable Water
Date Sampled: 12/26/2019 Time Sampled: 11:23
Date Received: 12/30/2019
Client Sample ID: PRES-11, Drinking Water Lead Analysis

HawkMtn WO #: 1912-00989-011
Sampler: Client
Sample Point ID: PRES-11

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
* Lead, DW ICP-MS	0.0258 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Material Tested: Potable Water
Date Sampled: 12/26/2019 Time Sampled: 11:23
Date Received: 12/30/2019
Client Sample ID: PRES-12, Drinking Water Lead Analysis

HawkMtn WO #: 1912-00989-012
Sampler: Client
Sample Point ID: PRES-12

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
Lead, DW ICP-MS	0.00770 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	



Certificate of Analysis

Customer: Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Report Date: 1/17/2020

Material Tested: Potable Water
Date Sampled: 12/26/2019
Date Received: 12/30/2019
Client Sample ID: PRES-13, Drinking Water Lead Analysis
HawkMtn WO #: 1912-00989-013
Time Sampled: 11:25
Sampler: Client
Sample Point ID: PRES-13

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
Lead, DW ICP-MS	0.0139 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Material Tested: Potable Water
Date Sampled: 12/26/2019
Date Received: 12/30/2019
Client Sample ID: PRES-14, Drinking Water Lead Analysis
HawkMtn WO #: 1912-00989-014
Time Sampled: 11:26
Sampler: Client
Sample Point ID: PRES-14

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
* Lead, DW ICP-MS	0.0451 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Material Tested: Potable Water
Date Sampled: 12/26/2019
Date Received: 12/30/2019
Client Sample ID: PRES-15, Drinking Water Lead Analysis
HawkMtn WO #: 1912-00989-015
Time Sampled: 11:27
Sampler: Client
Sample Point ID: PRES-15

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
Lead, DW ICP-MS	0.00622 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Material Tested: Potable Water
Date Sampled: 12/26/2019
Date Received: 12/30/2019
Client Sample ID: PRES-16, Drinking Water Lead Analysis
HawkMtn WO #: 1912-00989-016
Time Sampled: 11:14
Sampler: Client
Sample Point ID: PRES-16

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
Lead, DW ICP-MS	0.00925 mg/L	1	0.001	EPA 200.8		KLM	1/7/20 22:31	

Certificate of Analysis

Customer: Guzek Associates, Inc.
401 Davis Street
Clarks Summit, PA 18411

Report Date: 1/17/2020

Material Tested: Potable Water
Date Sampled: 12/26/2019 Time Sampled: 11:12
Date Received: 12/30/2019
Client Sample ID: PRES-17, Drinking Water Lead Analysis

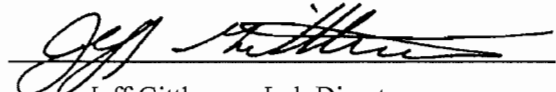
HawkMtn WO #: 1912-00989-017
Sampler: Client
Sample Point ID: PRES-17

<u>Test Name</u>	<u>Test Results</u>	<u>Dilution Factor</u>	<u>Quant Limit</u>	<u>Method</u>	<u>Qual</u>	<u>Tech</u>	<u>Start Date/Time</u>	<u>End Date/Time</u>
Not Sampled			0				0:00	

ND = Non Detect

These results relate only to the sample noted above.

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Jeff Gittleman, Lab Director

Composite
 Start Date: _____ Time: _____
 End Date: _____ Time: _____
Grab
 Date: _____ Time: _____
 Date: _____ Time: _____
 Date: _____ Time: _____
 Date: _____ Time: _____

Smp#	Bottle	Preservative	Rcvd	Smp#	Bottle	Preservative	Rcvd
001	Copper/Lead	H-Graduated	HNO3	010	Copper/Lead	H-Graduated	HNO3
002	Copper/Lead	H-Graduated	HNO3	011	Copper/Lead	H-Graduated	HNO3
003	Copper/Lead	H-Graduated	HNO3	012	Copper/Lead	H-Graduated	HNO3
004	Copper/Lead	H-Graduated	HNO3	013	Copper/Lead	H-Graduated	HNO3
005	Copper/Lead	H-Graduated	HNO3	014	Copper/Lead	H-Graduated	HNO3
006	Copper/Lead	H-Graduated	HNO3	015	Copper/Lead	H-Graduated	HNO3
007	Copper/Lead	H-Graduated	HNO3	016	Copper/Lead	H-Graduated	HNO3
008	Copper/Lead	H-Graduated	HNO3	017	Copper/Lead	H-Graduated	HNO3
009	Copper/Lead	H-Graduated	HNO3				

Smp #	Smp Site	Matrix	Smp Type	Tests	Receipt	Sample Date	Sample Time	Field pH	Field Cl	Field Temp
001	PRES-01, Drinking Water Lead Analysis	Potable Water	Potable Water	DW-PB-MS	12/30/19	12/26/19	11:12 AM			°C
002	PRES-02, Drinking Water Lead Analysis	Potable Water	Potable Water	DW-PB-MS			11:12			°C
003	PRES-03, Drinking Water Lead Analysis	Potable Water	Potable Water	DW-PB-MS			11:13			°C
004	PRES-04, Drinking Water Lead Analysis	Potable Water	Potable Water	DW-PB-MS			11:14			°C
005	PRES-05, Drinking Water Lead Analysis	Potable Water	Potable Water	DW-PB-MS			11:16			°C
006	PRES-06, Drinking Water Lead Analysis	Potable Water	Potable Water	DW-PB-MS			11:16			°C
007	PRES-07, Drinking Water Lead Analysis	Potable Water	Potable Water	DW-PB-MS			11:24			°C
008	PRES-08, Drinking Water Lead Analysis	Potable Water	Potable Water	DW-PB-MS			11:24			°C
009	PRES-09, Drinking Water Lead Analysis	Potable Water	Potable Water	DW-PB-MS			11:20			°C
010	PRES-10, Drinking Water Lead Analysis	Potable Water	Potable Water	DW-PB-MS			11:20			°C

Receipt Info: Received on ice? Y / N
 Samples intact? Y / N
 COC intact and complete? Y / N
 Correct containers? Y / N
 Adequate samples? Y / N
 Volatiles: Headspace present? Y / N
 Completed by: KL
 Samples/COC/Analysis agree? Y / N / N / N

Sampled By: Chris Nester / Bud in Type
 Field Meter ID: NA
 Date: 12/30/19
 Time: 11:28

Notes: RELINQUISHED BY: Bud in Type
RECEIVED BY: Ken Curran
RECEIVED AT LAB: 12/30/19
LOGGED IN AT LAB: 12/30/19

All samples taken in 250mL plastic HNO3 preserved bottles.

2SP-008-F02B Rev 004

Composite
 Start Date: _____ Time: _____
 End Date: _____ Time: _____

Grab
 Date: _____ Time: _____
 Date: _____ Time: _____
 Date: _____ Time: _____
 Date: _____ Time: _____

Smp #	Smp Site	Matrix/ Smp Type	Tests	Temp Upon Receipt	Sample Date	Sample Time	Field pH	Field Cl	Field Temp
011	PRES-11, Drinking Water Lead Analysis	Potable Water	DW-PB-MS	11.9 °C	12/26/19	11:22 AM			°C
012	PRES-12, Drinking Water Lead Analysis	Potable Water	DW-PB-MS	11.9 °C		11:23			°C
013	PRES-13, Drinking Water Lead Analysis	Potable Water	DW-PB-MS	11.8 °C		11:25			°C
014	PRES-14, Drinking Water Lead Analysis	Potable Water	DW-PB-MS	13.0 °C		11:26			°C
015	PRES-15, Drinking Water Lead Analysis	Potable Water	DW-PB-MS	13.4 °C		11:27			°C
016	PRES-16, Drinking Water Lead Analysis	Potable Water	DW-PB-MS	12.4 °C		11:29			°C
017	PRES-17, Drinking Water Lead Analysis	Potable Water	DW-PB-MS	°C		11:28			°C

Receipt Info: Received on ice? Y / N
 Samples intact? Y / N
 COC intact and complete? Y / N
 Correct containers? Y / N
 Adequate samples? Y / N
 Volatiles: Headspace present? Y / N
 Completed by: KC
 Samples/COC/Analysis agree? Y / N

Sampled By: Chris Nutter / Rust mfg Date: 12/30/19 Time: 11:28
 Field Meter ID: NIX

Notes:
 RELINQUISHED BY: _____ Date: _____
 RECEIVED BY: _____
 RELINQUISHED BY: _____ Date: 12/30/19 Time: 11:28
 RECEIVED AT LAB: _____
 LOGGED IN AT LAB: _____ Date: 12/30/19 Time: 12:49

All samples taken in 250mL plastic HNO3 preserved bottles.

QSP-008-F02B Rev 004 12/11/2019