



April 07, 2017

Victor Scherer
Arizona Department of Environmental Quality-Phx
1110 W. Washington Street
Phoenix, AZ 85007

TEL (520) 398-2266
FAX (602) 207-2383

RE: Lead Analysis

Work Order No.: 17C0807
Order Name: Tucson Unified
School District

Dear Victor Scherer,

Turner Laboratories, Inc. received 8 sample(s) on 03/31/2017 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Max DiSante
Laboratory Director

Client: Arizona Department of Environmental Quality-P**Project:** Lead Analysis**Work Order:** 17C0807**Date Received:** 03/31/2017**Order:** Tucson Unified School District**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
17C0807-01	1	Drinking Water	03/21/2017 0806
17C0807-02	2	Drinking Water	03/21/2017 0810
17C0807-03	3	Drinking Water	03/21/2017 0818
17C0807-04	4	Drinking Water	03/21/2017 0822
17C0807-05	5	Drinking Water	03/21/2017 0830
17C0807-06	6	Drinking Water	03/21/2017 0836
17C0807-07	7	Drinking Water	03/21/2017 0842
17C0807-08	8	Drinking Water	03/21/2017 0850

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17C0807
Date Received: 03/31/2017

Case Narrative

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND Not Detected at or above the PQL

PQL Practical Quantitation Limit

DF Dilution Factor

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0807
Lab Sample ID: 17C0807-01

Client Sample ID: 1
Collection Date/Time: 03/21/2017 0806
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	1.3	0.50		ug/L	1	04/04/2017 1035	04/04/2017 1622	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0807
Lab Sample ID: 17C0807-02

Client Sample ID: 2
Collection Date/Time: 03/21/2017 0810
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	1.4	0.50		ug/L	1	04/04/2017 1210	04/04/2017 1653	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0807
Lab Sample ID: 17C0807-03

Client Sample ID: 3
Collection Date/Time: 03/21/2017 0818
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	3.7	0.50		ug/L	1	04/04/2017 1210	04/04/2017 1725	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0807
Lab Sample ID: 17C0807-04

Client Sample ID: 4
Collection Date/Time: 03/21/2017 0822
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	1.3	0.50		ug/L	1	04/04/2017 1210	04/04/2017 1731	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0807
Lab Sample ID: 17C0807-05

Client Sample ID: 5
Collection Date/Time: 03/21/2017 0830
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	1.9	0.50		ug/L	1	04/04/2017 1210	04/04/2017 1736	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0807
Lab Sample ID: 17C0807-06

Client Sample ID: 6
Collection Date/Time: 03/21/2017 0836
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	ND	0.50		ug/L	1	04/04/2017 1210	04/04/2017 1741	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0807
Lab Sample ID: 17C0807-07

Client Sample ID: 7
Collection Date/Time: 03/21/2017 0842
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	1.1	0.50		ug/L	1	04/04/2017 1210	04/04/2017 1747	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0807
Lab Sample ID: 17C0807-08

Client Sample ID: 8
Collection Date/Time: 03/21/2017 0850
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	1.4	0.50		ug/L	1	04/04/2017 1210	04/04/2017 1752	MH

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17C0807
Date Received: 03/31/2017

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 1704023 - E200.8 (5.4)										
Blank (1704023-BLK1)				Prepared & Analyzed: 04/04/2017						
Lead	ND	0.50	ug/L							
LCS (1704023-BS1)				Prepared & Analyzed: 04/04/2017						
Lead	49	0.50	ug/L	50.00		97	85-115			
LCS Dup (1704023-BSD1)				Prepared & Analyzed: 04/04/2017						
Lead	49	0.50	ug/L	50.00		97	85-115	0.04	20	
Matrix Spike (1704023-MS1)				Source: 17C0800-02		Prepared & Analyzed: 04/04/2017				
Lead	52	0.50	ug/L	50.00	0.33	104	70-130			
Matrix Spike (1704023-MS2)				Source: 17C0801-01		Prepared & Analyzed: 04/04/2017				
Lead	49	0.50	ug/L	50.00	2.0	94	70-130			
Batch 1704028 - E200.8 (5.4)										
Blank (1704028-BLK1)				Prepared & Analyzed: 04/04/2017						
Lead	ND	0.50	ug/L							
LCS (1704028-BS1)				Prepared & Analyzed: 04/04/2017						
Lead	48	0.50	ug/L	50.00		95	85-115			
LCS Dup (1704028-BSD1)				Prepared & Analyzed: 04/04/2017						
Lead	48	0.50	ug/L	50.00		97	85-115	2	20	
Matrix Spike (1704028-MS1)				Source: 17C0807-02		Prepared & Analyzed: 04/04/2017				
Lead	49	0.50	ug/L	50.00	1.4	95	70-130			
Matrix Spike (1704028-MS2)				Source: 17D0069-02		Prepared & Analyzed: 04/04/2017				
Lead	51	0.50	ug/L	50.00	0.26	102	70-130			

17C0807-01

Collection Log

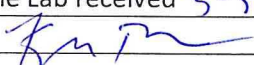
for experienced sample collectors

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	STEELE ES
Building (name/number)	Steele Main
Type of Fixture (tap, drinking fountain etc.)	Nurse/Heath Office Sink
Location of Fixture (example, room number)	General
Sample Identification Number (ensure this number is also on the sample container)	1
Date of Collection	3/21/2017
Time of Collection	8:56AM 8:06 Am
Printed Name of Sample Collector	Hulderman Thomas
Signature Sample Collector	1760

Notes Sample collector: Class room 5 - Rm #10 / /
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For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-31-17 1118
Signature	
Notes:	Temp = 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

17C 0807-02
Collection Log

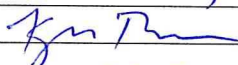
for experienced sample collectors

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	STEELE ES
Building (name/number)	Steele Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General
Sample Identification Number (ensure this number is also on the sample container)	2
Date of Collection	3/21/2017
Time of Collection	8:50 AM 8:10 AM
Printed Name of Sample Collector	Hulderman Thomas
Signature Sample Collector	1761

Notes Sample collector: Main hallway fountain between Fr# 122 & Fr ~~122~~ # 123 / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-31-17 1118
Signature	
Notes:	Temp = 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log

for experienced sample collectors

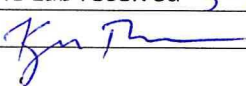
17C0807-03

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="checked" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	STEELE ES
Building (name/number)	Steele Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General
Sample Identification Number (ensure this number is also on the sample container)	3
Date of Collection	3/21/2017
Time of Collection	9:00 AM 9:18
Printed Name of Sample Collector	Hulderman Thomas
Signature Sample Collector	1765

Notes Sample collector: Classroom 25 Fr #411 // FR 168 LIBRARY

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-31-17 11:18
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

17C0807-04
Collection Log

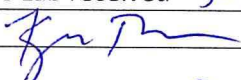
for experienced sample collectors

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	STEELE ES
Building (name/number)	Steele Main
Type of Fixture (tap, drinking fountain etc.)	Sink that is Visible for Usage
Location of Fixture (example, room number)	General
Sample Identification Number (ensure this number is also on the sample container)	04
Date of Collection	3/21/2017
Time of Collection	8:10 AM 8:22 AM
Printed Name of Sample Collector	Hulderman Thomas
Signature Sample Collector	1763

Notes Sample collector: Classroom 13 Fr# 42 / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-31-17 1118
Signature	
Notes:	temp = 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

17C0807-05

Collection Log

for experienced sample collectors

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	STEELE ES
Building (name/number)	Steele Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General
Sample Identification Number (ensure this number is also on the sample container)	5
Date of Collection	3/21/2017
Time of Collection	9:01 AM 8:30 AM
Printed Name of Sample Collector	Hulderman Thomas
Signature Sample Collector	1766

Notes Sample collector: Hallway fountain next to classroom 23 / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-31-17 1118
Signature	<i>Jm Th</i>
Notes:	temp = 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

17C0807-06

Collection Log

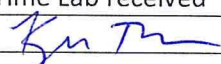
for experienced sample collectors

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	STEELE ES
Building (name/number)	Steele Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General
Sample Identification Number (ensure this number is also on the sample container)	6
Date of Collection	3/21/2017
Time of Collection	8:36AM
Printed Name of Sample Collector	Hulderman Thomas
Signature Sample Collector	1768

Notes Sample collector: ~~Classroom 19 Fr #64~~ // MPR Halway

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-31-17 1118
Signature	
Notes:	temp = 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

17C0807-07

Collection Log

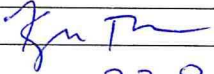
for experienced sample collectors

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="checked" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	STEELE ES
Building (name/number)	Steele Main
Type of Fixture (tap, drinking fountain etc.)	Cafeteria/Kitchen Sink
Location of Fixture (example, room number)	General
Sample Identification Number (ensure this number is also on the sample container)	7
Date of Collection	3/21/2017
Time of Collection	8:42AM
Printed Name of Sample Collector	Hulderman Thomas
Signature Sample Collector	1770

Notes Sample collector: Barn Y Lab kitchenette sink Fr# 610 / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-31-17 1118
Signature	
Notes:	Temp = 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

17C0807-08

Collection Log

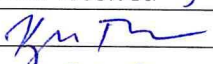
for experienced sample collectors

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	STEELE ES
Building (name/number)	Steele Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General
Sample Identification Number (ensure this number is also on the sample container)	8
Date of Collection	3/21/2017
Time of Collection	8:50AM
Printed Name of Sample Collector	Hulderman Thomas
Signature Sample Collector	1771

Notes Sample collector: Outside playground fountain Westside next to Fr# 410A / / / RM 11

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-31-17 11/8
Signature	
Notes:	Temp = 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.