



April 11, 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.: 17D0096
Order Name: Tucson Unified
School District

Dear Victor Scherer,

Turner Laboratories, Inc. received 6 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**Order:** Tucson Unified School District**Work Order:** 17D0096**Date Received:** 03/31/2017**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
17D0096-01	1	Drinking Water	03/21/2017 0842
17D0096-02	2	Drinking Water	03/21/2017 0827
17D0096-03	4	Drinking Water	03/21/2017 0852
17D0096-04	5	Drinking Water	03/21/2017 0830
17D0096-05	6	Drinking Water	03/21/2017 0855
17D0096-06	7	Drinking Water	03/21/2017 0848

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17D0096
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: 17D0096
Lab Sample ID: 17D0096-01

Client Sample ID: 1
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	5.4	0.50		ug/L	1	04/04/2017 1210	04/04/2017 1850	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0096
Lab Sample ID: 17D0096-02

Client Sample ID: 2
Collection Date/Time: 03/21/2017 0827
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 1856	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0096
Lab Sample ID: 17D0096-03

Client Sample ID: 4
Collection Date/Time: 03/21/2017 0852
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	2.9	0.50		ug/L	1	04/04/2017 1210	04/04/2017 1901	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0096
Lab Sample ID: 17D0096-04

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	4.6	0.50		ug/L	1	04/04/2017 1210	04/04/2017 1906	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0096
Lab Sample ID: 17D0096-05

Client Sample ID: 6
Collection Date/Time: 03/21/2017 0855
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	3.9	0.50		ug/L	1	04/04/2017 1210	04/05/2017 1409	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0096
Lab Sample ID: 17D0096-06

Client Sample ID: 7
Collection Date/Time: 03/21/2017 0848
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	2.6	0.50		ug/L	1	04/04/2017 1210	04/05/2017 1414	MH

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17D0096
Date Received: 03/31/2017

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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			
Batch 1704030 - E200.8 (5.4)										
Blank (1704030-BLK1)				Prepared & Analyzed: 04/05/2017						
Lead	ND	0.50	ug/L							
LCS (1704030-BS1)				Prepared & Analyzed: 04/05/2017						
Lead	46	0.50	ug/L	50.00		93	85-115			
LCS Dup (1704030-BSD1)				Prepared & Analyzed: 04/05/2017						
Lead	46	0.50	ug/L	50.00		93	85-115	0.5	20	
Matrix Spike (1704030-MS1)				Source: 17D0065-01		Prepared & Analyzed: 04/05/2017				
Lead	51	0.50	ug/L	50.00	0.45	100	70-130			
Matrix Spike (1704030-MS2)				Source: 17D0067-01		Prepared & Analyzed: 04/05/2017				
Lead	49	0.50	ug/L	50.00	0.13	98	70-130			

17D0096-01

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	HUDLOW ES
Building (name/number)	Hudlow Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General <i>Rm 6</i>
Sample Identification Number (ensure this number is also on the sample container)	1
Date of Collection	3/21/2017
Time of Collection	8:42am
Printed Name of Sample Collector	Easter Jeremy
Signature Sample Collector	2051

Notes Sample collector: / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	
<i>Temp 22.9</i>	

For relinquishing samples upon delivery to labs only

Relinquished date and signature 3/31/17 1118 

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

17D0096-02

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	HUDLOW ES
Building (name/number)	Hudlow Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General <i>NEXT TO Admin</i>
Sample Identification Number (ensure this number is also on the sample container)	2
Date of Collection	3/21/2017
Time of Collection	8:27am
Printed Name of Sample Collector	Easter Jeremy
Signature Sample Collector	2053

Notes Sample collector: / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	
<i>Temp 22.9</i>	

For relinquishing samples upon delivery to labs only

Relinquished date and signature 3/31/17 1118 

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

17D0096-03

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	HUDLOW ES
Building (name/number)	Hudlow Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General <u>OUTSIDE EAST LOWER LEVEL</u>
Sample Identification Number (ensure this number is also on the sample container)	4
Date of Collection	3/21/2017
Time of Collection	8:52am
Printed Name of Sample Collector	Easter Jeremy
Signature Sample Collector	2060

Notes Sample collector: / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	
Temp 22.9	

For relinquishing samples upon delivery to labs only

Relinquished date and signature 3/31/17 1118 

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

17D0096-04

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="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	HUDLOW ES
Building (name/number)	Hudlow 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)	5
Date of Collection	3/21/2017
Time of Collection	8:30am
Printed Name of Sample Collector	Easter Jeremy
Signature Sample Collector	2062

Notes Sample collector: / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	
Temp 22.9	

For relinquishing samples upon delivery to labs only

Relinquished date and signature 3/31/17 1118 

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

17D0096-05

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	HUDLOW ES
Building (name/number)	Hudlow Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General <i>OUTSIDE By Rm 15</i>
Sample Identification Number (ensure this number is also on the sample container)	6
Date of Collection	3/21/2017
Time of Collection	8:55am
Printed Name of Sample Collector	Easter Jeremy
Signature Sample Collector	2064

Notes Sample collector: / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	
<i>Temp 22.9</i>	

For relinquishing samples upon delivery to labs only

Relinquished date and signature 3/31/17 1118 

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

17D0096-06

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	HUDLOW ES
Building (name/number)	Hudlow Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General <i>Rm 11</i>
Sample Identification Number (ensure this number is also on the sample container)	7
Date of Collection	3/21/2017
Time of Collection	8:48am
Printed Name of Sample Collector	Easter Jeremy
Signature Sample Collector	2067

Notes Sample collector: / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	
<i>Temp 22.9</i>	

For relinquishing samples upon delivery to labs only

Relinquished date and signature 3/31/17 11118 

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