



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.: 17D0067
Order Name: Tucson Unified
School District

Dear Victor Scherer,

Turner Laboratories, Inc. received 5 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:** 17D0067**Date Received:** 03/31/2017**Order:** Tucson Unified School District**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
17D0067-01	1	Drinking Water	03/21/2017 1143
17D0067-02	2	Drinking Water	03/21/2017 1129
17D0067-03	3	Drinking Water	03/21/2017 1138
17D0067-04	4	Drinking Water	03/21/2017 1134
17D0067-05	5	Drinking Water	03/21/2017 1140

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17D0067
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: 17D0067
Lab Sample ID: 17D0067-01

Client Sample ID: 1
Collection Date/Time: 03/21/2017 1143
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	04/05/2017 1016	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0067
Lab Sample ID: 17D0067-02

Client Sample ID: 2
Collection Date/Time: 03/21/2017 1129
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	04/05/2017 1244	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0067
Lab Sample ID: 17D0067-03

Client Sample ID: 3
Collection Date/Time: 03/21/2017 1138
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	04/05/2017 1250	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0067
Lab Sample ID: 17D0067-04

Client Sample ID: 4
Collection Date/Time: 03/21/2017 1134
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	04/05/2017 1255	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0067
Lab Sample ID: 17D0067-05

Client Sample ID: 5
Collection Date/Time: 03/21/2017 1140
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	0.97	0.50		ug/L	1	04/04/2017 1210	04/05/2017 1300	MH

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17D0067
Date Received: 03/31/2017

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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			

17D0067-01
Collection Log

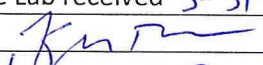
for experienced sample collectors

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	HOWELL ES
Building (name/number)	Howell Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General MPR
Sample Identification Number (ensure this number is also on the sample container)	1
Date of Collection	3/21/2017
Time of Collection	11:43am
Printed Name of Sample Collector	Easter Jeremy
Signature Sample Collector	2042

Notes Sample collector: / / /

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.

17P0067-02

Collection Log

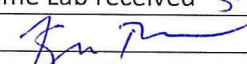
for experienced sample collectors

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	HOWELL ES
Building (name/number)	Howell Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General CAFETERIA
Sample Identification Number (ensure this number is also on the sample container)	2
Date of Collection	3/21/2017
Time of Collection	11:29am
Printed Name of Sample Collector	Easter Jeremy
Signature Sample Collector	2045

Notes Sample collector: / / /

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

17P 0067-03

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	HOWELL ES
Building (name/number)	Howell Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General <i>Rm 13</i>
Sample Identification Number (ensure this number is also on the sample container)	3
Date of Collection	3/21/2017
Time of Collection	1:47 PM <i>11:38 AM</i>
Printed Name of Sample Collector	Easter Jeremy
Signature Sample Collector	2046

Notes Sample collector: / / /

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

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

17D0967-04

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	HOWELL ES
Building (name/number)	Howell Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General <i>Rm B</i>
Sample Identification Number (ensure this number is also on the sample container)	4
Date of Collection	3/21/2017
Time of Collection	11:34am
Printed Name of Sample Collector	Easter Jeremy
Signature Sample Collector	2047

Notes Sample collector: / / /

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

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.

17D0967-05

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	HOWELL ES
Building (name/number)	Howell Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General <i>OUTSIDE ACROSS FROM MFR</i>
Sample Identification Number (ensure this number is also on the sample container)	5
Date of Collection	3/21/2017
Time of Collection	11:40 AM <i>11:40 AM</i>
Printed Name of Sample Collector	Easter Jeremy
Signature Sample Collector	2048

Notes Sample collector: / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	<i>3-31-17 1118</i>
Signature	<i>[Signature]</i>
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.