



April 12, 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.: 17D0282
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**Work Order:** 17D0282**Date Received:** 03/31/2017**Order:** Tucson Unified School District**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
17D0282-01	1	Drinking Water	03/21/2017 0815
17D0282-02	2	Drinking Water	03/21/2017 0815
17D0282-03	3	Drinking Water	03/21/2017 0820
17D0282-04	4	Drinking Water	03/21/2017 0820
17D0282-05	5	Drinking Water	03/21/2017 0825
17D0282-06	6	Drinking Water	03/21/2017 0825

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17D0282
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: 17D0282
Lab Sample ID: 17D0282-01

Client Sample ID: 1
Collection Date/Time: 03/21/2017 0815
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	2.7	0.50		ug/L	1	04/07/2017 1500	04/10/2017 1227	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0282
Lab Sample ID: 17D0282-02

Client Sample ID: 2
Collection Date/Time: 03/21/2017 0815
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	3.4	0.50		ug/L	1	04/07/2017 1500	04/10/2017 1232	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0282
Lab Sample ID: 17D0282-03

Client Sample ID: 3
Collection Date/Time: 03/21/2017 0820
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	04/07/2017 1500	04/10/2017 1238	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0282
Lab Sample ID: 17D0282-04

Client Sample ID: 4
Collection Date/Time: 03/21/2017 0820
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	1.6	0.50		ug/L	1	04/07/2017 1500	04/10/2017 1253	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0282
Lab Sample ID: 17D0282-05

Client Sample ID: 5
Collection Date/Time: 03/21/2017 0825
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	0.91	0.50		ug/L	1	04/07/2017 1500	04/10/2017 1301	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0282
Lab Sample ID: 17D0282-06

Client Sample ID: 6
Collection Date/Time: 03/21/2017 0825
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	1.2	0.50		ug/L	1	04/07/2017 1500	04/10/2017 1306	MH

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17D0282
Date Received: 03/31/2017

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Qual
Batch 1704099 - E200.8 (5.4)									
Blank (1704099-BLK1)				Prepared & Analyzed: 04/10/2017					
Lead	ND	0.50	ug/L						
LCS (1704099-BS1)				Prepared & Analyzed: 04/10/2017					
Lead	48	0.50	ug/L	50.00		95	85-115		
LCS Dup (1704099-BSD1)				Prepared & Analyzed: 04/10/2017					
Lead	48	0.50	ug/L	50.00		96	85-115	0.7	20
Matrix Spike (1704099-MS1)				Source: 17D0014-01		Prepared & Analyzed: 04/10/2017			
Lead	54	0.50	ug/L	50.00	0.32	107	70-130		
Matrix Spike (1704099-MS2)				Source: 17D0277-06		Prepared & Analyzed: 04/10/2017			
Lead	53	0.50	ug/L	50.00	3.0	101	70-130		

Collection Log
for experienced sample collectors


17D0282-01

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	MILLER ES
Building (name/number)	Miller Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	PA-1 Classroom
Sample Identification Number (ensure this number is also on the sample container)	1
Date of Collection	3/21/2017
Time of Collection	8:15AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	2091

Notes Sample collector: / / / DF 7

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

ADEQ Public School District Drinking Water Lead Screening Program
Sampling Plan & Collection Log

Collection Log

for experienced sample collectors

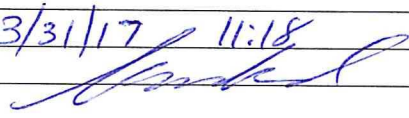
17D0282-02

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	MILLER ES
Building (name/number)	Miller Main
Type of Fixture (tap, drinking fountain etc.)	Nurse/Heath Office Sink
Location of Fixture (example, room number)	FR_22 Nurse Restroom
Sample Identification Number (ensure this number is also on the sample container)	2
Date of Collection	3/21/2017
Time of Collection	8:15AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	2093

Notes Sample collector: / / /

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

17D0282-03

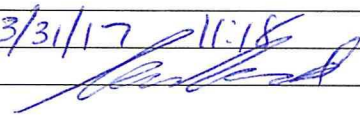
for experienced sample collectors

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="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	MILLER ES
Building (name/number)	Miller Central
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	FR_100 Classroom
Sample Identification Number (ensure this number is also on the sample container)	3
Date of Collection	3/21/2017
Time of Collection	8:20AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	2097

Notes Sample collector: / / / NEXT TO Rm 9

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

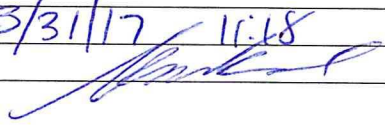
17D0282-04

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="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	MILLER ES
Building (name/number)	Miller Central
Type of Fixture (tap, drinking fountain etc.)	Sink that is Visible for Usage
Location of Fixture (example, room number)	FR_134 Classroom
Sample Identification Number (ensure this number is also on the sample container)	4
Date of Collection	3/21/2017
Time of Collection	8:20AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	2105

Notes Sample collector: / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/31/17 11:18
Signature	
Notes:	Temp. 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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ADEQ Public School District Drinking Water Lead Screening Program
Sampling Plan & Collection Log

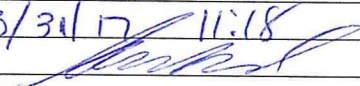
Collection Log 17D0282-05
for experienced sample collectors

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.

✓	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	MILLER ES
Building (name/number)	Miller NE
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	NE Classroom Bldg
Sample Identification Number (ensure this number is also on the sample container)	5
Date of Collection	3/21/2017
Time of Collection	8:25AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	2112

Notes Sample collector: / / Next to #9 / ~~D#~~ 73

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

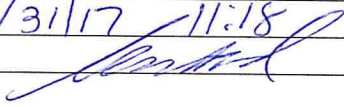
Collection Log 17D0282-06
for experienced sample collectors

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	MILLER ES
Building (name/number)	Miller NE
Type of Fixture (tap, drinking fountain etc.)	Sink that is Visible for Usage
Location of Fixture (example, room number)	NE Classroom Bldg
Sample Identification Number (ensure this number is also on the sample container)	6
Date of Collection	3/21/2017
Time of Collection	8:25AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	2115

Notes Sample collector: / / / DF 68

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