



May 01, 2017

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

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

Work Order No.: 17D0722
Vail Unified District
Cottonwood Elementary

RE: Lead Analysis

Dear Victor Scherer,

Turner Laboratories, Inc. received 8 sample(s) on 04/12/2017 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:** 17D0722**Date Received:** 04/12/2017**Order:** Vail Unified District**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
17D0722-01	CW1	Drinking Water	04/12/2017 0530
17D0722-02	CW2	Drinking Water	04/12/2017 0534
17D0722-03	CW3	Drinking Water	04/12/2017 0537
17D0722-04	CW4	Drinking Water	04/12/2017 0541
17D0722-05	CW5	Drinking Water	04/12/2017 0546
17D0722-06	CW6	Drinking Water	04/12/2017 0550
17D0722-07	CW7	Drinking Water	04/12/2017 0552
17D0722-08	CW8	Drinking Water	04/12/2017 0544

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17D0722
Date Received: 04/12/2017

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: 17D0722
Lab Sample ID: 17D0722-01

Client Sample ID: CW1
Collection Date/Time: 04/12/2017 0530
Matrix: Drinking Water
Order Name: Vail Unified 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	04/28/2017 1040	04/28/2017 1842	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0722
Lab Sample ID: 17D0722-02

Client Sample ID: CW2
Collection Date/Time: 04/12/2017 0534
Matrix: Drinking Water
Order Name: Vail Unified 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	04/28/2017 1040	04/28/2017 1914	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0722
Lab Sample ID: 17D0722-03

Client Sample ID: CW3
Collection Date/Time: 04/12/2017 0537
Matrix: Drinking Water
Order Name: Vail Unified District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	1.8	0.50		ug/L	1	04/28/2017 1040	04/28/2017 1919	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0722
Lab Sample ID: 17D0722-04

Client Sample ID: CW4
Collection Date/Time: 04/12/2017 0541
Matrix: Drinking Water
Order Name: Vail Unified District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	0.85	0.50		ug/L	1	04/28/2017 1040	04/28/2017 1924	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0722
Lab Sample ID: 17D0722-05

Client Sample ID: CW5
Collection Date/Time: 04/12/2017 0546
Matrix: Drinking Water
Order Name: Vail Unified District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	0.72	0.50		ug/L	1	04/28/2017 1040	04/28/2017 1930	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0722
Lab Sample ID: 17D0722-06

Client Sample ID: CW6
Collection Date/Time: 04/12/2017 0550
Matrix: Drinking Water
Order Name: Vail Unified District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	0.59	0.50		ug/L	1	04/28/2017 1040	04/28/2017 1935	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0722
Lab Sample ID: 17D0722-07

Client Sample ID: CW7
Collection Date/Time: 04/12/2017 0552
Matrix: Drinking Water
Order Name: Vail Unified District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	0.63	0.50		ug/L	1	04/28/2017 1040	04/28/2017 1940	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0722
Lab Sample ID: 17D0722-08

Client Sample ID: CW8
Collection Date/Time: 04/12/2017 0544
Matrix: Drinking Water
Order Name: Vail Unified 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	04/28/2017 1040	04/28/2017 1945	MH

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17D0722
Date Received: 04/12/2017

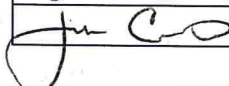
QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Qual
Batch 1704332 - E200.8 (5.4)									
Blank (1704332-BLK1)				Prepared & Analyzed: 04/28/2017					
Lead	ND	0.50	ug/L						
LCS (1704332-BS1)				Prepared & Analyzed: 04/28/2017					
Lead	47	0.50	ug/L	50.00		95	85-115		
LCS Dup (1704332-BSD1)				Prepared & Analyzed: 04/28/2017					
Lead	48	0.50	ug/L	50.00		96	85-115	1	20
Matrix Spike (1704332-MS1)		Source: 17D0722-01		Prepared & Analyzed: 04/28/2017					
Lead	50	0.50	ug/L	50.00	0.13	99	70-130		
Matrix Spike (1704332-MS2)		Source: 17D0751-07		Prepared & Analyzed: 04/28/2017					
Lead	52	0.50	ug/L	50.00	2.3	100	70-130		


Collection Log 17D0722-01
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 not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

Name of School District	Vail Unified District
	Cottonwood Elementary
Building (name/number)	ADMIN
Type of Fixture (tap, drinking fountain etc.)	FOUNTAIN
Location of Fixture (example, room number)	LOBBY
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	CW 1
Date of Collection	4/12/17
Time of Collection	5:30
Printed Name of Sample Collector	Jon Covert
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4/12/17 1445
Signature	
Notes: 21.6°C	

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.

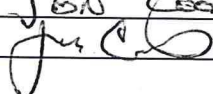
ADEQ Public School Drinking Water Lead Screening Program
Sampling Plan & Collection Log

Collection Log
for experienced sample collectors

17D0722-02

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.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

Name of School District	Vail Unified District
	Cottonwood Elementary
Building (name/number)	MPR
Type of Fixture (tap, drinking fountain etc.)	Fountain
Location of Fixture (example, room number)	MPR
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	CW2
Date of Collection	4/12/12
Time of Collection	5:34
Printed Name of Sample Collector	Jon Carr
Signature Sample Collector	

Notes Sample collector:

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

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

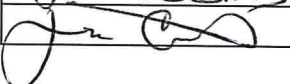
These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log
for experienced sample collectors

17D0722-03

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.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

Name of School District	Vail Unified District
	Cottonwood Elementary
Building (name/number)	300
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	301e
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	CW3
Date of Collection	4/12/17
Time of Collection	5:37
Printed Name of Sample Collector	Jon Coons
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
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.

Collection Log
for experienced sample collectors

17D0722-041

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 not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

Name of School District	Vail Unified District
	Cottonwood Elementary
Building (name/number)	400
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	402
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	CW/4
Date of Collection	4/12/17
Time of Collection	5:41
Printed Name of Sample Collector	Jon Coon
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
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.

Collection Log
for experienced sample collectors

17D0722-05

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 not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

Name of School District	Vail Unified District
	Cottonwood Elementary
Building (name/number)	COMMUNITY SERVICES
Type of Fixture (tap, drinking fountain etc.)	FOUNTAIN
Location of Fixture (example, room number)	601
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	CWS
Date of Collection	4/12/17
Time of Collection	5:46
Printed Name of Sample Collector	Jan Cho
Signature Sample Collector	Jan Cho

Notes Sample collector:

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

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

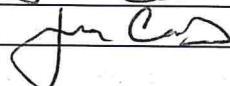
These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log
for experienced sample collectors

17D0722-06

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 not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

Name of School District	Vail Unified District
	Cottonwood Elementary
Building (name/number)	COMMUNITY SERVICES
Type of Fixture (tap, drinking fountain etc.)	FOUNTAIN
Location of Fixture (example, room number)	603
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	CW6
Date of Collection	9/2/17
Time of Collection	5:50
Printed Name of Sample Collector	JON COON
Signature Sample Collector	

Notes Sample collector:

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

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

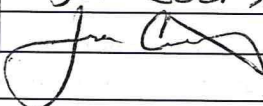
These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log
for experienced sample collectors

17D0722-07

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 not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

Name of School District	Vail Unified District
	Cottonwood Elementary
Building (name/number)	500
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	506
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	CW7
Date of Collection	4/12/17
Time of Collection	5:52
Printed Name of Sample Collector	Jon (son)
Signature Sample Collector	

Notes Sample collector:

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

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

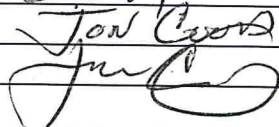
These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log
for experienced sample collectors

17D0722-08

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 not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

Name of School District	Vail Unified District
Building (name/number)	Cottonwood Elementary
Type of Fixture (tap, drinking fountain etc.)	500
Location of Fixture (example, room number)	TAP
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	541
Date of Collection	CWS
Time of Collection	4/22/12
Printed Name of Sample Collector	5:44
Signature Sample Collector	JON GORD
	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
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.