



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.: 17C0791  
Order Name: Tucson Unified  
School District

Dear Victor Scherer,

Turner Laboratories, Inc. received 11 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:** 17C0791**Date Received:** 03/31/2017**Order:** Tucson Unified School District**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
17C0791-01	1	Drinking Water	03/21/2017 1142
17C0791-02	2	Drinking Water	03/21/2017 1155
17C0791-03	3	Drinking Water	03/21/2017 1152
17C0791-04	4	Drinking Water	03/21/2017 1247
17C0791-05	5	Drinking Water	03/21/2017 1300
17C0791-06	6	Drinking Water	03/21/2017 1249
17C0791-07	7	Drinking Water	03/21/2017 1254
17C0791-08	8	Drinking Water	03/21/2017 1238
17C0791-09	9	Drinking Water	03/21/2017 1236
17C0791-10	10	Drinking Water	03/21/2017 1231
17C0791-11	11	Drinking Water	03/21/2017 1224

**Client:** Arizona Department of Environmental Quality-Phx  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Date Received:** 03/31/2017

**Case Narrative**

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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:** 17C0791  
**Lab Sample ID:** 17C0791-01

**Client Sample ID:** 1  
**Collection Date/Time:** 03/21/2017 1142  
**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	15	0.50		ug/L	1	04/03/2017 1030	04/03/2017 1310	MH

**Client:** Arizona Department of Environmental Qual  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Lab Sample ID:** 17C0791-02

**Client Sample ID:** 2  
**Collection Date/Time:** 03/21/2017 1155  
**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	78	0.50		ug/L	1	04/03/2017 1030	04/03/2017 1509	MH

**Client:** Arizona Department of Environmental Qual  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Lab Sample ID:** 17C0791-03

**Client Sample ID:** 3  
**Collection Date/Time:** 03/21/2017 1152  
**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	0.86	0.50		ug/L	1	04/03/2017 1030	04/03/2017 1515	MH

**Client:** Arizona Department of Environmental Qual  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Lab Sample ID:** 17C0791-04

**Client Sample ID:** 4  
**Collection Date/Time:** 03/21/2017 1247  
**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	04/03/2017 1030	04/03/2017 1520	MH

**Client:** Arizona Department of Environmental Qual  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Lab Sample ID:** 17C0791-05

**Client Sample ID:** 5  
**Collection Date/Time:** 03/21/2017 1300  
**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	04/03/2017 1030	04/03/2017 1525	MH



**Client:** Arizona Department of Environmental Qual  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Lab Sample ID:** 17C0791-06

**Client Sample ID:** 6  
**Collection Date/Time:** 03/21/2017 1249  
**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	13	0.50		ug/L	1	04/03/2017 1030	04/03/2017 1531	MH

**Client:** Arizona Department of Environmental Qual  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Lab Sample ID:** 17C0791-07

**Client Sample ID:** 7  
**Collection Date/Time:** 03/21/2017 1254  
**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	12	0.50		ug/L	1	04/03/2017 1030	04/03/2017 1547	MH

**Client:** Arizona Department of Environmental Qual  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Lab Sample ID:** 17C0791-08

**Client Sample ID:** 8  
**Collection Date/Time:** 03/21/2017 1238  
**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	04/03/2017 1030	04/03/2017 1552	MH

**Client:** Arizona Department of Environmental Qual  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Lab Sample ID:** 17C0791-09

**Client Sample ID:** 9  
**Collection Date/Time:** 03/21/2017 1236  
**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	04/03/2017 1030	04/03/2017 1557	MH

**Client:** Arizona Department of Environmental Qual  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Lab Sample ID:** 17C0791-10

**Client Sample ID:** 10  
**Collection Date/Time:** 03/21/2017 1231  
**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	1.5	0.50		ug/L	1	04/03/2017 1030	04/03/2017 1602	MH

**Client:** Arizona Department of Environmental Qual  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Lab Sample ID:** 17C0791-11

**Client Sample ID:** 11  
**Collection Date/Time:** 03/21/2017 1224  
**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	1.8	0.50		ug/L	1	04/03/2017 1030	04/03/2017 1608	MH

**Client:** Arizona Department of Environmental Quality-Phx  
**Project:** Lead Analysis  
**Work Order:** 17C0791  
**Date Received:** 03/31/2017

**QC Summary**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Qual
<b>Batch 1704002 - E200.8 (5.4)</b>									
<b>Blank (1704002-BLK1)</b>				Prepared & Analyzed: 04/03/2017					
Lead	ND	0.50	ug/L						
<b>LCS (1704002-BS1)</b>				Prepared & Analyzed: 04/03/2017					
Lead	47	0.50	ug/L	50.00		94	85-115		
<b>LCS Dup (1704002-BSD1)</b>				Prepared & Analyzed: 04/03/2017					
Lead	47	0.50	ug/L	50.00		95	85-115	0.8	20
<b>Matrix Spike (1704002-MS1)</b>		<b>Source: 17C0785-01</b>		Prepared & Analyzed: 04/03/2017					
Lead	60	0.50	ug/L	50.00	1.4	117	70-130		
<b>Matrix Spike (1704002-MS2)</b>		<b>Source: 17C0790-01</b>		Prepared & Analyzed: 04/03/2017					
Lead	54	0.50	ug/L	50.00	0.64	107	70-130		

17C0791-01

## Collection Log

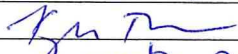
*for experienced sample collectors*

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	SABINO HS
Building (name/number)	Sabino Concession
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)	1
Date of Collection	3/21/2017
Time of Collection	11:42AM
Printed Name of Sample Collector	Covington Jerry
Signature Sample Collector	2082

Notes Sample collector: / / /
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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 = <del>22.8</del> 22.4 KSB 3-31-17

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.



17C0791-02

## Collection Log

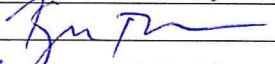
*for experienced sample collectors*

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	SABINO HS
Building (name/number)	Sabino Tech
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	11:55AM
Printed Name of Sample Collector	Covington Jerry
Signature Sample Collector	2086

Notes Sample collector: / / /
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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 = 22.4

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.

17C0791-03  
**Collection Log**

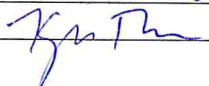
*for experienced sample collectors*

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="" 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	SABINO HS
Building (name/number)	Sabino Tech
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General PE WEIGHT RM
Sample Identification Number (ensure this number is also on the sample container)	3
Date of Collection	3/21/2017
Time of Collection	11:52AM
Printed Name of Sample Collector	Covington Jerry
Signature Sample Collector	2088

Notes Sample collector: / / /
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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:	

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.

17C0791-04  
**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	SABINO HS
Building (name/number)	Sabino Library
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)	4
Date of Collection	3/21/2017
Time of Collection	12:47PM
Printed Name of Sample Collector	Covington Jerry
Signature Sample Collector	2089

Notes Sample collector: / / /
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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 = 22.4

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.



17C0791-05  
**Collection Log**

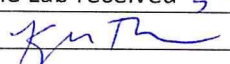
*for experienced sample collectors*

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	SABINO HS
Building (name/number)	Sabino 300
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	1:00 <del>am</del> pm
Printed Name of Sample Collector	Covington Jerry
Signature Sample Collector	2090

Notes Sample collector: / / /
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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 = 22.4

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.

17C0791-06  
**Collection Log**

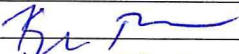
*for experienced sample collectors*

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	SABINO HS
Building (name/number)	Sabino Library
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	12:49PM
Printed Name of Sample Collector	Covington Jerry
Signature Sample Collector	2092

Notes Sample collector: / / /
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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 = 22.4

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.

17C0791-07  
**Collection Log**

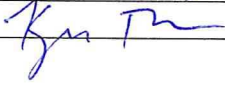
*for experienced sample collectors*

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="" 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	SABINO HS
Building (name/number)	Sabino 300 -
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General <b>END Floor</b>
Sample Identification Number (ensure this number is also on the sample container)	7
Date of Collection	3/21/2017
Time of Collection	12:54PM
Printed Name of Sample Collector	Covington Jerry
Signature Sample Collector	2094

Notes Sample collector: / / /
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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:	

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.



17C0791-08

## Collection Log

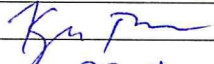
*for experienced sample collectors*

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	SABINO HS
Building (name/number)	Sabino 100
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	12:38PM
Printed Name of Sample Collector	Covington Jerry
Signature Sample Collector	2096

Notes Sample collector: / / /
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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 = 22.7

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.

17C0791-09  
**Collection Log**

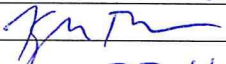
*for experienced sample collectors*

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	SABINO HS
Building (name/number)	Sabino 100
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General <b>2ND FLOOR</b>
Sample Identification Number (ensure this number is also on the sample container)	9
Date of Collection	3/22/2017
Time of Collection	12:36PM
Printed Name of Sample Collector	Covington Jerry
Signature Sample Collector	2098

Notes Sample collector: / / /
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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 = 22.4

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.



1708791-10  
**Collection Log**

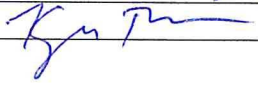
*for experienced sample collectors*

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	SABINO HS
Building (name/number)	Sabino Auditorium
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)	10
Date of Collection	3/22/2017
Time of Collection	12:31PM
Printed Name of Sample Collector	Covington Jerry
Signature Sample Collector	2100

Notes Sample collector: / / /
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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:	

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.

17C0791-11

## Collection Log

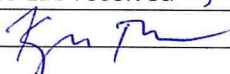
*for experienced sample collectors*

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	SABINO HS
Building (name/number)	Sabino Auditorium
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	General <b>SOUTH</b>
Sample Identification Number (ensure this number is also on the sample container)	11
Date of Collection	3/21/2017
Time of Collection	12:24PM
Printed Name of Sample Collector	Covington Jerry
Signature Sample Collector	2103

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:	

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.