

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Phoenix

4625 East Cotton Ctr Blvd

Suite 189

Phoenix, AZ 85040

Tel: (602)437-3340

TestAmerica Job ID: 550-80925-1

TestAmerica SDG: Prescott Mile High Middle School

Client Project/Site: Pb in DW / Prescott Unified District

For:

Arizona Dept of Environmental Quality

1110 W. Washington St., MC5415B-1

Phoenix, Arizona 85007

Attn: David A Burchard



Authorized for release by:

4/24/2017 4:18:43 PM

Jannel Franklin, Project Manager I

(732)593-2551

[jannel.franklin@testamericainc.com](mailto:jannel.franklin@testamericainc.com)

Designee for

Susan Armijo, Project Manager II

(602)659-7664

[susan.armijo@testamericainc.com](mailto:susan.armijo@testamericainc.com)

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



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## Definitions/Glossary

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Case Narrative

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

**Job ID: 550-80925-1**

**Laboratory: TestAmerica Phoenix**

### Narrative

#### Job Narrative 550-80925-1

### Comments

No additional comments.

### Receipt

The samples were received on 4/12/2017 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 21.7° C.

### Receipt Exceptions

The following samples for metals were received unpreserved and were preserved upon receipt to the laboratory: 1001A (550-80925-1), 1001B (550-80925-2), 1002A (550-80925-3), 1002B (550-80925-4), 1003A (550-80925-5), 1003B (550-80925-6), 1004A (550-80925-7), 1004B (550-80925-8), 1005A (550-80925-9), 1005B (550-80925-10), 1006A (550-80925-11), 1006B (550-80925-12), 1007A (550-80925-13) and 1007B (550-80925-14). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion.

### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

## Sample Summary

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-80925-1	1001A	Drinking Water	03/10/17 11:15	04/12/17 12:00
550-80925-2	1001B	Drinking Water	03/10/17 11:15	04/12/17 12:00
550-80925-3	1002A	Drinking Water	03/10/17 10:45	04/12/17 12:00
550-80925-4	1002B	Drinking Water	03/10/17 10:45	04/12/17 12:00
550-80925-5	1003A	Drinking Water	03/10/17 11:00	04/12/17 12:00
550-80925-6	1003B	Drinking Water	03/10/17 11:00	04/12/17 12:00
550-80925-7	1004A	Drinking Water	03/10/17 11:00	04/12/17 12:00
550-80925-8	1004B	Drinking Water	03/10/17 11:00	04/12/17 12:00
550-80925-9	1005A	Drinking Water	03/10/17 11:00	04/12/17 12:00
550-80925-10	1005B	Drinking Water	03/10/17 11:00	04/12/17 12:00
550-80925-11	1006A	Drinking Water	03/10/17 11:30	04/12/17 12:00
550-80925-12	1006B	Drinking Water	03/10/17 11:30	04/12/17 12:00
550-80925-13	1007A	Drinking Water	03/10/17 10:45	04/12/17 12:00
550-80925-14	1007B	Drinking Water	03/10/17 10:45	04/12/17 12:00

## Detection Summary

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

### Client Sample ID: 1001A

Lab Sample ID: 550-80925-1

No Detections.

### Client Sample ID: 1001B

Lab Sample ID: 550-80925-2

No Detections.

### Client Sample ID: 1002A

Lab Sample ID: 550-80925-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	360		0.50	ppb	1		200.8	Total/NA

### Client Sample ID: 1002B

Lab Sample ID: 550-80925-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.6		0.50	ppb	1		200.8	Total/NA

### Client Sample ID: 1003A

Lab Sample ID: 550-80925-5

No Detections.

### Client Sample ID: 1003B

Lab Sample ID: 550-80925-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.3		0.50	ppb	1		200.8	Total/NA

### Client Sample ID: 1004A

Lab Sample ID: 550-80925-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.8		0.50	ppb	1		200.8	Total/NA

### Client Sample ID: 1004B

Lab Sample ID: 550-80925-8

No Detections.

### Client Sample ID: 1005A

Lab Sample ID: 550-80925-9

No Detections.

### Client Sample ID: 1005B

Lab Sample ID: 550-80925-10

No Detections.

### Client Sample ID: 1006A

Lab Sample ID: 550-80925-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.2		0.50	ppb	1		200.8	Total/NA

### Client Sample ID: 1006B

Lab Sample ID: 550-80925-12

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Phoenix

## Detection Summary

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

**Client Sample ID: 1007A**

**Lab Sample ID: 550-80925-13**

☐ No Detections.

**Client Sample ID: 1007B**

**Lab Sample ID: 550-80925-14**

☐ No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Phoenix

# Client Sample Results

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

## Client Sample ID: 1001A

Date Collected: 03/10/17 11:15

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-1

Matrix: Drinking Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		04/18/17 17:52	04/23/17 12:58	1

## Client Sample ID: 1001B

Date Collected: 03/10/17 11:15

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-2

Matrix: Drinking Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		04/18/17 17:52	04/23/17 13:00	1

## Client Sample ID: 1002A

Date Collected: 03/10/17 10:45

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-3

Matrix: Drinking Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	360		0.50	ppb		04/18/17 17:52	04/23/17 13:02	1

## Client Sample ID: 1002B

Date Collected: 03/10/17 10:45

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-4

Matrix: Drinking Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.6		0.50	ppb		04/18/17 17:52	04/23/17 13:04	1

## Client Sample ID: 1003A

Date Collected: 03/10/17 11:00

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-5

Matrix: Drinking Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		04/18/17 17:52	04/23/17 13:06	1

## Client Sample ID: 1003B

Date Collected: 03/10/17 11:00

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-6

Matrix: Drinking Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.3		0.50	ppb		04/18/17 17:52	04/23/17 13:08	1

## Client Sample ID: 1004A

Date Collected: 03/10/17 11:00

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-7

Matrix: Drinking Water

### Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.8		0.50	ppb		04/18/17 17:52	04/23/17 13:09	1

TestAmerica Phoenix



## Client Sample Results

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

**Client Sample ID: 1004B**

**Date Collected: 03/10/17 11:00**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-8**

**Matrix: Drinking Water**

**Method: 200.8 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb	—	04/18/17 17:52	04/23/17 13:11	1

**Client Sample ID: 1005A**

**Date Collected: 03/10/17 11:00**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-9**

**Matrix: Drinking Water**

**Method: 200.8 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb	—	04/18/17 17:52	04/23/17 13:13	1

**Client Sample ID: 1005B**

**Date Collected: 03/10/17 11:00**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-10**

**Matrix: Drinking Water**

**Method: 200.8 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb	—	04/18/17 17:52	04/23/17 13:19	1

**Client Sample ID: 1006A**

**Date Collected: 03/10/17 11:30**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-11**

**Matrix: Drinking Water**

**Method: 200.8 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2		0.50	ppb	—	04/18/17 17:52	04/23/17 13:21	1

**Client Sample ID: 1006B**

**Date Collected: 03/10/17 11:30**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-12**

**Matrix: Drinking Water**

**Method: 200.8 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb	—	04/18/17 17:52	04/23/17 13:23	1

**Client Sample ID: 1007A**

**Date Collected: 03/10/17 10:45**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-13**

**Matrix: Drinking Water**

**Method: 200.8 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb	—	04/18/17 17:52	04/23/17 13:25	1

**Client Sample ID: 1007B**

**Date Collected: 03/10/17 10:45**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-14**

**Matrix: Drinking Water**

**Method: 200.8 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb	—	04/18/17 17:52	04/23/17 13:27	1

TestAmerica Phoenix

# QC Sample Results

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

## Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 550-115204/1-A  
Matrix: Water  
Analysis Batch: 115534

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 115204

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		04/18/17 17:52	04/23/17 12:45	1

Lab Sample ID: LCS 550-115204/3-A  
Matrix: Water  
Analysis Batch: 115534

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 115204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	100	100		ppb		100	85 - 115

Lab Sample ID: LCSD 550-115204/4-A  
Matrix: Water  
Analysis Batch: 115534

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 115204

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	100	98.9		ppb		99	85 - 115	1	20

Lab Sample ID: 550-81005-E-2-B MS ^T  
Matrix: Water  
Analysis Batch: 115534

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 115204

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		100	94.2		ppb		94	70 - 130

Lab Sample ID: 550-81005-E-2-C MSD ^T  
Matrix: Water  
Analysis Batch: 115534

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 115204

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	ND		100	93.8		ppb		93	70 - 130	0	20

# QC Association Summary

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

## Metals

### Prep Batch: 115204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-80925-1	1001A	Total/NA	Drinking Water	200.8	
550-80925-2	1001B	Total/NA	Drinking Water	200.8	
550-80925-3	1002A	Total/NA	Drinking Water	200.8	
550-80925-4	1002B	Total/NA	Drinking Water	200.8	
550-80925-5	1003A	Total/NA	Drinking Water	200.8	
550-80925-6	1003B	Total/NA	Drinking Water	200.8	
550-80925-7	1004A	Total/NA	Drinking Water	200.8	
550-80925-8	1004B	Total/NA	Drinking Water	200.8	
550-80925-9	1005A	Total/NA	Drinking Water	200.8	
550-80925-10	1005B	Total/NA	Drinking Water	200.8	
550-80925-11	1006A	Total/NA	Drinking Water	200.8	
550-80925-12	1006B	Total/NA	Drinking Water	200.8	
550-80925-13	1007A	Total/NA	Drinking Water	200.8	
550-80925-14	1007B	Total/NA	Drinking Water	200.8	
MB 550-115204/1-A	Method Blank	Total/NA	Water	200.8	
LCS 550-115204/3-A	Lab Control Sample	Total/NA	Water	200.8	
LCSD 550-115204/4-A	Lab Control Sample Dup	Total/NA	Water	200.8	
550-81005-E-2-B MS ^T	Matrix Spike	Total/NA	Water	200.8	
550-81005-E-2-C MSD ^T	Matrix Spike Duplicate	Total/NA	Water	200.8	

### Analysis Batch: 115534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-80925-1	1001A	Total/NA	Drinking Water	200.8	115204
550-80925-2	1001B	Total/NA	Drinking Water	200.8	115204
550-80925-3	1002A	Total/NA	Drinking Water	200.8	115204
550-80925-4	1002B	Total/NA	Drinking Water	200.8	115204
550-80925-5	1003A	Total/NA	Drinking Water	200.8	115204
550-80925-6	1003B	Total/NA	Drinking Water	200.8	115204
550-80925-7	1004A	Total/NA	Drinking Water	200.8	115204
550-80925-8	1004B	Total/NA	Drinking Water	200.8	115204
550-80925-9	1005A	Total/NA	Drinking Water	200.8	115204
550-80925-10	1005B	Total/NA	Drinking Water	200.8	115204
550-80925-11	1006A	Total/NA	Drinking Water	200.8	115204
550-80925-12	1006B	Total/NA	Drinking Water	200.8	115204
550-80925-13	1007A	Total/NA	Drinking Water	200.8	115204
550-80925-14	1007B	Total/NA	Drinking Water	200.8	115204
MB 550-115204/1-A	Method Blank	Total/NA	Water	200.8	115204
LCS 550-115204/3-A	Lab Control Sample	Total/NA	Water	200.8	115204
LCSD 550-115204/4-A	Lab Control Sample Dup	Total/NA	Water	200.8	115204
550-81005-E-2-B MS ^T	Matrix Spike	Total/NA	Water	200.8	115204
550-81005-E-2-C MSD ^T	Matrix Spike Duplicate	Total/NA	Water	200.8	115204

# Lab Chronicle

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

## Client Sample ID: 1001A

Date Collected: 03/10/17 11:15

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-1

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 12:58	TEK	TAL PHX

## Client Sample ID: 1001B

Date Collected: 03/10/17 11:15

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-2

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:00	TEK	TAL PHX

## Client Sample ID: 1002A

Date Collected: 03/10/17 10:45

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-3

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:02	TEK	TAL PHX

## Client Sample ID: 1002B

Date Collected: 03/10/17 10:45

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-4

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:04	TEK	TAL PHX

## Client Sample ID: 1003A

Date Collected: 03/10/17 11:00

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-5

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:06	TEK	TAL PHX

## Client Sample ID: 1003B

Date Collected: 03/10/17 11:00

Date Received: 04/12/17 12:00

## Lab Sample ID: 550-80925-6

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:08	TEK	TAL PHX

TestAmerica Phoenix

# Lab Chronicle

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

**Client Sample ID: 1004A**

**Date Collected: 03/10/17 11:00**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-7**

**Matrix: Drinking Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:09	TEK	TAL PHX

**Client Sample ID: 1004B**

**Date Collected: 03/10/17 11:00**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-8**

**Matrix: Drinking Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:11	TEK	TAL PHX

**Client Sample ID: 1005A**

**Date Collected: 03/10/17 11:00**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-9**

**Matrix: Drinking Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:13	TEK	TAL PHX

**Client Sample ID: 1005B**

**Date Collected: 03/10/17 11:00**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-10**

**Matrix: Drinking Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:19	TEK	TAL PHX

**Client Sample ID: 1006A**

**Date Collected: 03/10/17 11:30**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-11**

**Matrix: Drinking Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:21	TEK	TAL PHX

**Client Sample ID: 1006B**

**Date Collected: 03/10/17 11:30**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-12**

**Matrix: Drinking Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:23	TEK	TAL PHX

TestAmerica Phoenix

## Lab Chronicle

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

**Client Sample ID: 1007A**

**Date Collected: 03/10/17 10:45**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-13**

**Matrix: Drinking Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:25	TEK	TAL PHX

**Client Sample ID: 1007B**

**Date Collected: 03/10/17 10:45**

**Date Received: 04/12/17 12:00**

**Lab Sample ID: 550-80925-14**

**Matrix: Drinking Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115204	04/18/17 17:52	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115534	04/23/17 13:27	TEK	TAL PHX

### Laboratory References:

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

## Accreditation/Certification Summary

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

### Laboratory: TestAmerica Phoenix

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Arizona	State Program	9	AZ0728	06-09-17

Analysis Method	Prep Method	Matrix	Analyte
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## Method Summary

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / Prescott Unified District

TestAmerica Job ID: 550-80925-1  
SDG: Prescott Mile High Middle School

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	TAL PHX

### Protocol References:

EPA = US Environmental Protection Agency

### Laboratory References:

TAL PHX = TestAmerica Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340



80925

# **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.

- ☐ 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	PRESCOTT UNIFIED
School Name	MILE HIGH MIDDLE
Building (name/number)	ADMIN
Type of Fixture (tap, drinking fountain etc.)	FOUNTAIN
Location of Fixture (example, room number)	BY OFFICE DOOR
Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> )	1001A
Date of Collection	3/10/17
Time of Collection	11:15 AM
Printed Name of Sample Collector	HEATH WOLFE
Signature Sample Collector	Heath W. Wolfe

550-80925 Chain of Custody



Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-12-17 1:30 PM
Signature	[Signature]
Notes: 21.7°C      MZLB      FE CR	

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

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	PRESOTT UNIFIED
School Name	MILE HIGH MIDDLE
Building (name/number)	ADMIN.
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	NURSE OFFICE
Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> )	10015
Date of Collection	3/10/17
Time of Collection	1115 AM
Printed Name of Sample Collector	HEATH WOLFE
Signature Sample Collector	Heath M. Wolfe

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

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

-03	Name of School District	PRESCOTT UNIFIED
	School Name	MILE HIGH MIDDLE
	Building (name/number)	HENDRIX AUDITORIUM
	Type of Fixture (tap, drinking fountain etc.)	TAP
	Location of Fixture (example, room number)	RT. SIDE STAGE
	Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> )	1003 A
	Date of Collection	3/10/17
	Time of Collection	1045 AM
	Printed Name of Sample Collector	HEATH WOLFE
	Signature Sample Collector	Heath W. Wolfe

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

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	PRESCOTT UNIFIED
School Name	MILE HIGH MIDDLE
Building (name/number)	HENARIK AUDITORIUM
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	LFT OF STAGE
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1002 B
Date of Collection	3/10/17
Time of Collection	1045 AM
Printed Name of Sample Collector	HEATH WOLFE
Signature Sample Collector	Heath M. Wolfe

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*

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	PRESCOTT UNIFIED
School Name	MILE HIGH MIDDLE
Building (name/number)	100 HALL
Type of Fixture (tap, drinking fountain etc.)	FOUNTAIN
Location of Fixture (example, room number)	HALLWAY
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1003 A
Date of Collection	3/10/17
Time of Collection	11 AM
Printed Name of Sample Collector	HEATH WOLFE
Signature Sample Collector	Heath M. Wolfe

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*

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	PRESCOTT UNIFIED
School Name	MILE HIGH MIDDLE
Building (name/number)	#100 HALL
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	Rm 100
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1003 B
Date of Collection	3/10/17
Time of Collection	11 AM
Printed Name of Sample Collector	HEATH WOLFE
Signature Sample Collector	<i>Heath M. Wolfe</i>

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*

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	Prescott Unified
School Name	White High Middle
Building (name/number)	200 Hall
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	LOUNGE
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1004A
Date of Collection	3/10/17
Time of Collection	11am
Printed Name of Sample Collector	Heath Wolfe
Signature Sample Collector	Heath M. Wolfe

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*

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	PRESOTT UNIFIED
School Name	PRESOTT MILE HIGH MIDDLE
Building (name/number)	200 HALL
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	SCIENCE LAB
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1004 AB
Date of Collection	3/10/17
Time of Collection	11AM
Printed Name of Sample Collector	HONN WOLFE
Signature Sample Collector	Honn M. Wolfe

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 \_\_\_\_\_

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## 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.

- ☐ 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	PRESCOTT UNIFIED
School Name	MILE HIGH MIDDLE
Building (name/number)	300 HALL
Type of Fixture (tap, drinking fountain etc.)	FOUNTAIN
Location of Fixture (example, room number)	300 HALL BY GIRLS ROOM
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1005A
Date of Collection	3/10/17
Time of Collection	11:11
Printed Name of Sample Collector	H. Wolfe
Signature Sample Collector	<i>H. Wolfe</i>

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*

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	PRESCOTT UNIFIED
School Name	WILE HIGH MIDDLE
Building (name/number)	300 HALL
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	LIFE SKILLS (HOME ECONOMICS)
Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> )	1005B
Date of Collection	3/10/17
Time of Collection	11 AM
Printed Name of Sample Collector	HEATH WOLFE
Signature Sample Collector	Heath M. Wolfe

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*

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	PRESCOTT UNIFIED
School Name	MILE HIGH MIDDLE
Building (name/number)	GIRLS GYM
Type of Fixture (tap, drinking fountain etc.)	FOUNTAIN
Location of Fixture (example, room number)	GIRLS GYM
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1006 A
Date of Collection	3/10/17
Time of Collection	11:30 AM
Printed Name of Sample Collector	HEATH WOLFE
Signature Sample Collector	Heath M. Wolfe

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

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	PRESOTT UNIFIED
School Name	MILB-HIGH MIDDLE
Building (name/number)	TECHNOLOGY
Type of Fixture (tap, drinking fountain etc.)	FOUNTAIN
Location of Fixture (example, room number)	Rm. 439
Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> )	10043
Date of Collection	3/10/17
Time of Collection	11:30 Am
Printed Name of Sample Collector	HOATH WOLFE
Signature Sample Collector	HOATH M. Wolfe

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*

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	PRESCOTT UNIFIED
School Name	WILE HIGH MIDDLE
-13 Building (name/number)	Gym
Type of Fixture (tap, drinking fountain etc.)	FOUNTAIN
Location of Fixture (example, room number)	Gym
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1007A
Date of Collection	3/10/17
Time of Collection	1045 AM
Printed Name of Sample Collector	HEATH WOLFE
Signature Sample Collector	Heath W. Wolfe

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*

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	PRESOTT UNIFIED
School Name	MILE HIGH MIDDLE
Building (name/number)	CAFETERIA
Type of Fixture (tap, drinking fountain etc.)	FOUNTAIN
Location of Fixture (example, room number)	BY KITCHEN
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1007B
Date of Collection	3/10/17
Time of Collection	1045 AM
Printed Name of Sample Collector	HEATH WOLFE
Signature Sample Collector	<i>Heath M. Wolfe</i>

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.*

[illegible]

Prescott Unified District

ATTN: Joe Howard

146 S Granite St,

Prescott, AZ 86303

## Login Sample Receipt Checklist

Client: Arizona Dept of Environmental Quality

Job Number: 550-80925-1

SDG Number: Prescott Mile High Middle School

**Login Number: 80925**

**List Number: 1**

**Creator: Gravlin, Andrea**

**List Source: TestAmerica Phoenix**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.