

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Phoenix

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Tel: (602)437-3340

TestAmerica Job ID: 550-80805-1

TestAmerica SDG: Seligman Elementary School

Client Project/Site: Pb in DW/Seligman 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 4:15:08 PM

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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/Seligman Unified District

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary 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/Seligman Unified District

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary School

Job ID: 550-80805-1

Laboratory: TestAmerica Phoenix

Narrative

Job Narrative 550-80805-1

Comments

No additional comments.

Receipt

The samples were received on 4/11/2017 10:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 21.1° C.

Receipt Exceptions

The following samples for metals were received unpreserved and were preserved upon receipt to the laboratory: ES01 (550-80805-1), ES02 (550-80805-2), ES03 (550-80805-3), ES04 (550-80805-4), ES05 (550-80805-5), ES06 (550-80805-6), ES07 (550-80805-7), ES08 (550-80805-8), ES09 (550-80805-9), ES10 (550-80805-10) and ES11 (550-80805-11). 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/Seligman Unified District

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary School

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-80805-1	ES01	Drinking Water	04/07/17 07:16	04/11/17 10:10
550-80805-2	ES02	Drinking Water	04/07/17 07:14	04/11/17 10:10
550-80805-3	ES03	Drinking Water	04/07/17 07:12	04/11/17 10:10
550-80805-4	ES04	Drinking Water	04/07/17 07:09	04/11/17 10:10
550-80805-5	ES05	Drinking Water	04/07/17 07:10	04/11/17 10:10
550-80805-6	ES06	Drinking Water	04/07/17 07:13	04/11/17 10:10
550-80805-7	ES07	Drinking Water	04/07/17 07:17	04/11/17 10:10
550-80805-8	ES08	Drinking Water	04/07/17 07:23	04/11/17 10:10
550-80805-9	ES09	Drinking Water	04/07/17 07:21	04/11/17 10:10
550-80805-10	ES10	Drinking Water	04/07/17 07:20	04/11/17 10:10
550-80805-11	ES11	Drinking Water	04/07/17 07:18	04/11/17 10:10

Detection Summary

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

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary School

Client Sample ID: ES01

Lab Sample ID: 550-80805-1

No Detections.

Client Sample ID: ES02

Lab Sample ID: 550-80805-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.5		0.50	ppb	1		200.8	Total/NA

Client Sample ID: ES03

Lab Sample ID: 550-80805-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.1		0.50	ppb	1		200.8	Total/NA

Client Sample ID: ES04

Lab Sample ID: 550-80805-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.1		0.50	ppb	1		200.8	Total/NA

Client Sample ID: ES05

Lab Sample ID: 550-80805-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.9		0.50	ppb	1		200.8	Total/NA

Client Sample ID: ES06

Lab Sample ID: 550-80805-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.1		0.50	ppb	1		200.8	Total/NA

Client Sample ID: ES07

Lab Sample ID: 550-80805-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.6		0.50	ppb	1		200.8	Total/NA

Client Sample ID: ES08

Lab Sample ID: 550-80805-8

No Detections.

Client Sample ID: ES09

Lab Sample ID: 550-80805-9

No Detections.

Client Sample ID: ES10

Lab Sample ID: 550-80805-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.1		0.50	ppb	1		200.8	Total/NA

Client Sample ID: ES11

Lab Sample ID: 550-80805-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.99		0.50	ppb	1		200.8	Total/NA

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/Seligman Unified District

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary School

Client Sample ID: ES01
Date Collected: 04/07/17 07:16
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-1
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		04/14/17 06:23	04/17/17 13:27	1

Client Sample ID: ES02
Date Collected: 04/07/17 07:14
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-2
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.5		0.50	ppb		04/14/17 06:23	04/17/17 13:29	1

Client Sample ID: ES03
Date Collected: 04/07/17 07:12
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-3
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.1		0.50	ppb		04/14/17 06:23	04/17/17 13:31	1

Client Sample ID: ES04
Date Collected: 04/07/17 07:09
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-4
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.1		0.50	ppb		04/14/17 06:23	04/17/17 13:33	1

Client Sample ID: ES05
Date Collected: 04/07/17 07:10
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-5
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.9		0.50	ppb		04/14/17 06:23	04/17/17 13:35	1

Client Sample ID: ES06
Date Collected: 04/07/17 07:13
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-6
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.1		0.50	ppb		04/14/17 06:23	04/17/17 13:37	1

Client Sample ID: ES07
Date Collected: 04/07/17 07:17
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-7
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.6		0.50	ppb		04/14/17 06:23	04/17/17 13:38	1

TestAmerica Phoenix

Client Sample Results

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

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary School

Client Sample ID: ES08

Date Collected: 04/07/17 07:23

Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-8

Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		04/14/17 06:23	04/17/17 13:40	1

Client Sample ID: ES09

Date Collected: 04/07/17 07:21

Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-9

Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		04/14/17 06:23	04/17/17 13:42	1

Client Sample ID: ES10

Date Collected: 04/07/17 07:20

Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-10

Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.1		0.50	ppb		04/14/17 06:30	04/23/17 11:48	1

Client Sample ID: ES11

Date Collected: 04/07/17 07:18

Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-11

Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.99		0.50	ppb		04/14/17 06:30	04/23/17 11:54	1

QC Sample Results

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

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary School

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 550-114885/1-A

Matrix: Water

Analysis Batch: 115079

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 114885

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		04/14/17 06:23	04/17/17 12:51	1

Lab Sample ID: LCS 550-114885/3-A

Matrix: Water

Analysis Batch: 115079

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 114885

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	100	94.6		ppb		95	85 - 115

Lab Sample ID: LCSD 550-114885/4-A

Matrix: Water

Analysis Batch: 115079

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 114885

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	100	101		ppb		101	85 - 115	7	20

Lab Sample ID: 550-80677-A-1-B MS

Matrix: Water

Analysis Batch: 115079

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 114885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		100	90.1		ppb		90	70 - 130

Lab Sample ID: 550-80677-A-1-C MSD

Matrix: Water

Analysis Batch: 115079

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 114885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	ND		100	90.4		ppb		90	70 - 130	0	20

Lab Sample ID: MB 550-114886/1-A

Matrix: Water

Analysis Batch: 115530

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 114886

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		04/14/17 06:30	04/23/17 11:41	1

Lab Sample ID: LCS 550-114886/3-A

Matrix: Water

Analysis Batch: 115530

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 114886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	100	94.7		ppb		95	85 - 115

Lab Sample ID: LCSD 550-114886/4-A

Matrix: Water

Analysis Batch: 115530

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 114886

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	100	96.5		ppb		96	85 - 115	2	20

TestAmerica Phoenix

QC Sample Results

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

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary School

Lab Sample ID: 550-80805-10 MS

Matrix: Drinking Water

Analysis Batch: 115530

Client Sample ID: ES10

Prep Type: Total/NA

Prep Batch: 114886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.1		100	93.7		ppb		93	70 - 130

Lab Sample ID: 550-80805-10 MSD

Matrix: Drinking Water

Analysis Batch: 115530

Client Sample ID: ES10

Prep Type: Total/NA

Prep Batch: 114886

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	1.1		100	93.0		ppb		92	70 - 130	1	20

QC Association Summary

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

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary School

Metals

Prep Batch: 114885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-80805-1	ES01	Total/NA	Drinking Water	200.8	
550-80805-2	ES02	Total/NA	Drinking Water	200.8	
550-80805-3	ES03	Total/NA	Drinking Water	200.8	
550-80805-4	ES04	Total/NA	Drinking Water	200.8	
550-80805-5	ES05	Total/NA	Drinking Water	200.8	
550-80805-6	ES06	Total/NA	Drinking Water	200.8	
550-80805-7	ES07	Total/NA	Drinking Water	200.8	
550-80805-8	ES08	Total/NA	Drinking Water	200.8	
550-80805-9	ES09	Total/NA	Drinking Water	200.8	
MB 550-114885/1-A	Method Blank	Total/NA	Water	200.8	
LCS 550-114885/3-A	Lab Control Sample	Total/NA	Water	200.8	
LCSD 550-114885/4-A	Lab Control Sample Dup	Total/NA	Water	200.8	
550-80677-A-1-B MS	Matrix Spike	Total/NA	Water	200.8	
550-80677-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

Prep Batch: 114886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-80805-10	ES10	Total/NA	Drinking Water	200.8	
550-80805-11	ES11	Total/NA	Drinking Water	200.8	
MB 550-114886/1-A	Method Blank	Total/NA	Water	200.8	
LCS 550-114886/3-A	Lab Control Sample	Total/NA	Water	200.8	
LCSD 550-114886/4-A	Lab Control Sample Dup	Total/NA	Water	200.8	
550-80805-10 MS	ES10	Total/NA	Drinking Water	200.8	
550-80805-10 MSD	ES10	Total/NA	Drinking Water	200.8	

Analysis Batch: 115079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-80805-1	ES01	Total/NA	Drinking Water	200.8	114885
550-80805-2	ES02	Total/NA	Drinking Water	200.8	114885
550-80805-3	ES03	Total/NA	Drinking Water	200.8	114885
550-80805-4	ES04	Total/NA	Drinking Water	200.8	114885
550-80805-5	ES05	Total/NA	Drinking Water	200.8	114885
550-80805-6	ES06	Total/NA	Drinking Water	200.8	114885
550-80805-7	ES07	Total/NA	Drinking Water	200.8	114885
550-80805-8	ES08	Total/NA	Drinking Water	200.8	114885
550-80805-9	ES09	Total/NA	Drinking Water	200.8	114885
MB 550-114885/1-A	Method Blank	Total/NA	Water	200.8	114885
LCS 550-114885/3-A	Lab Control Sample	Total/NA	Water	200.8	114885
LCSD 550-114885/4-A	Lab Control Sample Dup	Total/NA	Water	200.8	114885
550-80677-A-1-B MS	Matrix Spike	Total/NA	Water	200.8	114885
550-80677-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	114885

Analysis Batch: 115530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-80805-10	ES10	Total/NA	Drinking Water	200.8	114886
550-80805-11	ES11	Total/NA	Drinking Water	200.8	114886
MB 550-114886/1-A	Method Blank	Total/NA	Water	200.8	114886
LCS 550-114886/3-A	Lab Control Sample	Total/NA	Water	200.8	114886
LCSD 550-114886/4-A	Lab Control Sample Dup	Total/NA	Water	200.8	114886
550-80805-10 MS	ES10	Total/NA	Drinking Water	200.8	114886
550-80805-10 MSD	ES10	Total/NA	Drinking Water	200.8	114886

TestAmerica Phoenix

Lab Chronicle

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

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary School

Client Sample ID: ES01

Date Collected: 04/07/17 07:16

Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-1

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			114885	04/14/17 06:23	SGO	TAL PHX
Total/NA	Analysis	200.8		1	115079	04/17/17 13:27	TEK	TAL PHX

Client Sample ID: ES02

Date Collected: 04/07/17 07:14

Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-2

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			114885	04/14/17 06:23	SGO	TAL PHX
Total/NA	Analysis	200.8		1	115079	04/17/17 13:29	TEK	TAL PHX

Client Sample ID: ES03

Date Collected: 04/07/17 07:12

Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-3

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			114885	04/14/17 06:23	SGO	TAL PHX
Total/NA	Analysis	200.8		1	115079	04/17/17 13:31	TEK	TAL PHX

Client Sample ID: ES04

Date Collected: 04/07/17 07:09

Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-4

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			114885	04/14/17 06:23	SGO	TAL PHX
Total/NA	Analysis	200.8		1	115079	04/17/17 13:33	TEK	TAL PHX

Client Sample ID: ES05

Date Collected: 04/07/17 07:10

Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-5

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			114885	04/14/17 06:23	SGO	TAL PHX
Total/NA	Analysis	200.8		1	115079	04/17/17 13:35	TEK	TAL PHX

Client Sample ID: ES06

Date Collected: 04/07/17 07:13

Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-6

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			114885	04/14/17 06:23	SGO	TAL PHX
Total/NA	Analysis	200.8		1	115079	04/17/17 13:37	TEK	TAL PHX

TestAmerica Phoenix

Lab Chronicle

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

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary School

Client Sample ID: ES07
Date Collected: 04/07/17 07:17
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-7
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			114885	04/14/17 06:23	SGO	TAL PHX
Total/NA	Analysis	200.8		1	115079	04/17/17 13:38	TEK	TAL PHX

Client Sample ID: ES08
Date Collected: 04/07/17 07:23
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-8
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			114885	04/14/17 06:23	SGO	TAL PHX
Total/NA	Analysis	200.8		1	115079	04/17/17 13:40	TEK	TAL PHX

Client Sample ID: ES09
Date Collected: 04/07/17 07:21
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-9
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			114885	04/14/17 06:23	SGO	TAL PHX
Total/NA	Analysis	200.8		1	115079	04/17/17 13:42	TEK	TAL PHX

Client Sample ID: ES10
Date Collected: 04/07/17 07:20
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-10
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			114886	04/14/17 06:30	SGO	TAL PHX
Total/NA	Analysis	200.8		1	115530	04/23/17 11:48	TEK	TAL PHX

Client Sample ID: ES11
Date Collected: 04/07/17 07:18
Date Received: 04/11/17 10:10

Lab Sample ID: 550-80805-11
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			114886	04/14/17 06:30	SGO	TAL PHX
Total/NA	Analysis	200.8		1	115530	04/23/17 11:54	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/Seligman Unified District

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary 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/Seligman Unified District

TestAmerica Job ID: 550-80805-1
SDG: Seligman Elementary 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

80805

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	SELIGMAN USD #40
School Name	ELEMENTARY NW
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	HALLWAY NORTH
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	ES 01
Date of Collection	4/7/17
Time of Collection	7:16 AM
Printed Name of Sample Collector	BARBARA GLOUSMITH
Signature Sample Collector	Barbara Glousmith

Notes Sample collector:

550-80805 Chain of Custody



For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-11-17 1010
Signature	[Signature]
Notes: 21.1°C NO ICE FB GR	

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	Seligman USD #40
School Name	Elementary NW
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN SINK
Location of Fixture (example, room number)	Room 106
Sample Identification Number (Write this number on the sample container and on this sheet)	ES 02
Date of Collection	4/7/17
Time of Collection	7:14 Am
Printed Name of Sample Collector	BARBARA GROSSMITH
Signature Sample Collector	Barbara Grossmith

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	SOLIGNAN USD #40
School Name	ELEMENTARY NW
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN SINK
Location of Fixture (example, room number)	Room 100 105
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	ES 03
Date of Collection	4/7/17
Time of Collection	7:12 AM
Printed Name of Sample Collector	BARBARA GLOWSMITH
Signature Sample Collector	Barbara Glowsmith

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	SELIGMAN USD #40
School Name	ELEMENTARY NW
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN SINK
Location of Fixture (example, room number)	Rm 101
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	ES 04
Date of Collection	4/7/17
Time of Collection	7:09 AM
Printed Name of Sample Collector	BARBARA GLOUSMITH
Signature Sample Collector	Barbara Glousmith

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	SOLIGNAN USD #40
School Name	ELEMENTARY NW
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN SINK
Location of Fixture (example, room number)	RM 102
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	ES05
Date of Collection	4/7/17
Time of Collection	7:10 AM
Printed Name of Sample Collector	BARBARA GLOUSMITH
Signature Sample Collector	Barbara Glousmith

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	SELIGMAN USD #40
School Name	ELEMENTARY NW
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN SINK
Location of Fixture (example, room number)	ROOM 103
Sample Identification Number (Write this number on the sample container and on this sheet)	ES 06
Date of Collection	4/7/17
Time of Collection	7:13 AM
Printed Name of Sample Collector	BARBARA GLOUSMITH
Signature Sample Collector	Barbara Glousmith

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	SKILLMAN USD #40
School Name	ELEMENTARY NW
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	LOUNGE SINK
Location of Fixture (example, room number)	AM 108
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	ES 07
Date of Collection	4/7/17
Time of Collection	7:17 AM
Printed Name of Sample Collector	BARBARA GLOWSMITH
Signature Sample Collector	<i>Barbara Glowsmith</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	SELIGMAN USD #40
School Name	ELEMENTARY SOUTH WING
Building (name/number)	1001
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	SOUTH HALL
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	ES 08
Date of Collection	4/7/17
Time of Collection	7:23 AM
Printed Name of Sample Collector	BARBARA GOLDSMITH
Signature Sample Collector	Barbara Goldsmith

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	Seligman USD #40
School Name	Elementary WW
Building (name/number)	1003
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	WEST HALL
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	ES09
Date of Collection	4/7/17
Time of Collection	7:21 AM
Printed Name of Sample Collector	BARBARA GOLDSMITH
Signature Sample Collector	Barbara Goldsmith

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	Seligman USD #40
School Name	Elementary WW
Building (name/number)	1003
Type of Fixture (tap, drinking fountain etc.)	Kitchen Sink
Location of Fixture (example, room number)	Room 111
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	ES 10
Date of Collection	4/7/17
Time of Collection	7:20 AM
Printed Name of Sample Collector	Robertson G. G. G. G.
Signature Sample Collector	Robertson G. G. G. G.

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	Seligman USD #40
School Name	Elementary WW
Building (name/number)	1003
Type of Fixture (tap, drinking fountain etc.)	SINK
Location of Fixture (example, room number)	Rm 110
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	ES 11
Date of Collection	4/7/17
Time of Collection	7:18 AM
Printed Name of Sample Collector	Barbara C. Gossman
Signature Sample Collector	<i>Barbara C. Gossman</i>

Notes Sample collector:

For Lab use only

Analyze this drinking water sample for lead

Date and Time Lab received

Signature

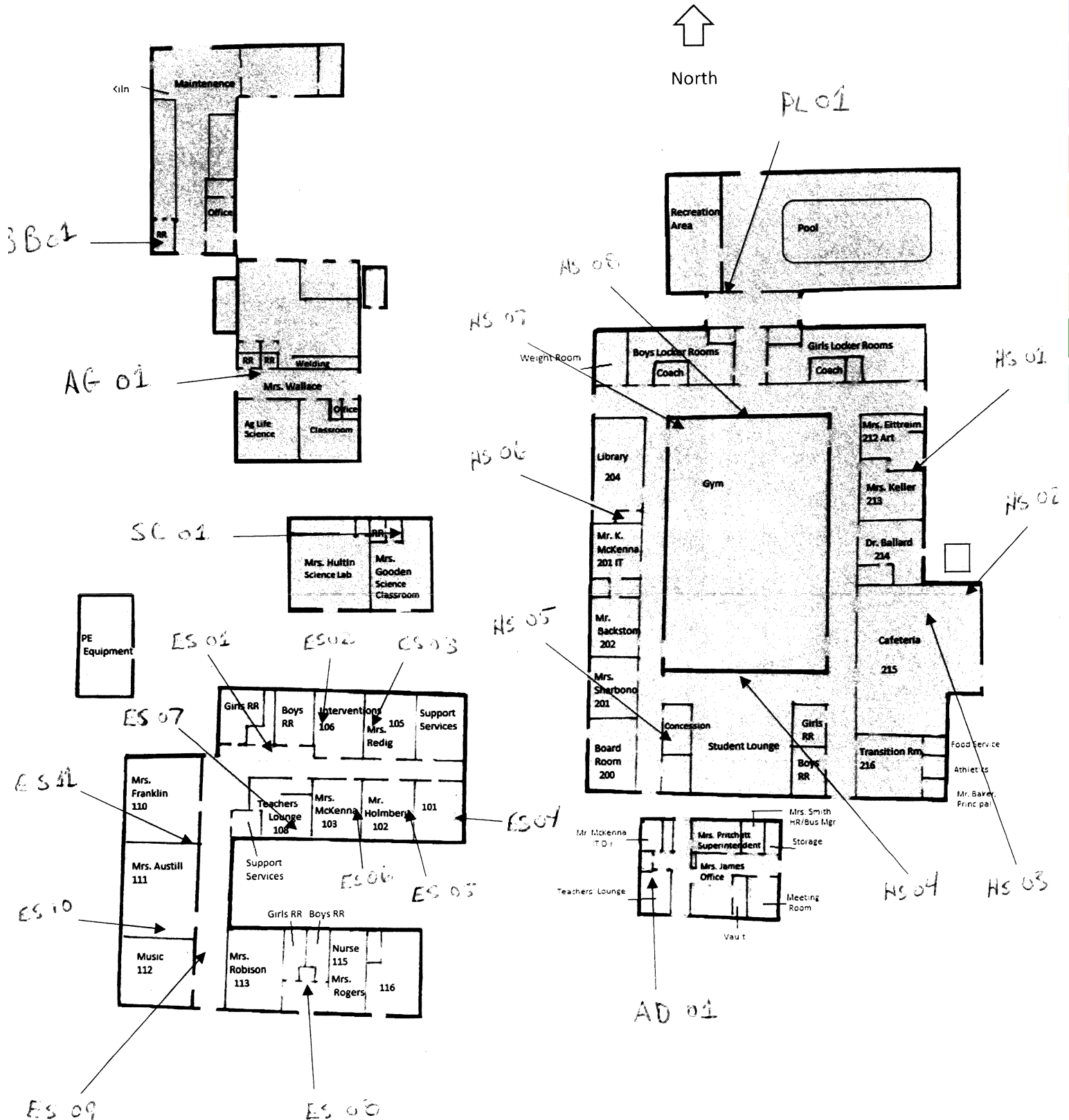
Notes:

For relinquishing samples upon delivery to labs only

Relinquished date and signature

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Water sample location map
 Seligman Unified School District
 54255 N. Main, PO Box 650
 Seligman AZ 86337
 928-216-4123




Seligman Unified District	Seligman Elementary School	1001	Elementary	South Wing	1960	P O Box 278	Seligman	86337-0278	Yavapai	2
Seligman Unified District	Seligman Elementary School	1002	Elementary NW	North wing	1960	P O Box 278	Seligman	86337-0278	Yavapai	2
Seligman Unified District	Seligman Elementary School	1003	Elementary WW	Elementary West Wing	1960	P O Box 278	Seligman	86337-0278	Yavapai	2
Seligman Unified District	Seligman Elementary School	1004	Kitchen	Kitchen	2003	P O Box 278	Seligman	86337-0278	Yavapai	1
Total Containers										7
Seligman Unified District										
ATTN: Diane Pritchett										
54255 N Main St,										
Seligman, AZ 86337										
Address										

Bottle Order Information

Bottle Order: Lead in Drinking Water
 Bottle Order #: 9849
 Request From Client: 3/20/2017
 Date Order Posted: 3/21/2017 8:38:38AM
 Order Status: Ready To Process
 Prepared By: Amanda Barkley
 Deliver By Date: 3/28/2017 11:59:00PM
 Lab Project Number: 55009093

Order Completion Information

Creator: Amanda Barkley
 Filled by:
 Sent Date:
 Sent Via:
 Tracking #:


 03-27-17

Sets	Bottles/Set	Qty	Bottle Type Description	Preservative	Method	Matrix	Sample Type	Comments	Lot #
7	1	7	Plastic 250ml - unpreserved	None	200.8 - Lead	Water	Normal	03139018	

Notes to Field Staff:

Health and Safety Notes:
 Preservative Comment

Relinquished By	Company	Date	Time	Received By	Company	Seal #
Relinquished By	Company	Date	Time	Received By	Company	Seal #

Please notify us immediately if an error is found in shipment

Login Sample Receipt Checklist

Client: Arizona Dept of Environmental Quality

Job Number: 550-80805-1

SDG Number: Seligman Elementary School

Login Number: 80805

List Number: 1

Creator: Doerr, Bret C

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.