

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Phoenix

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Tel: (602)437-3340

TestAmerica Job ID: 550-81019-1

TestAmerica Sample Delivery Group: Seligman High 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 4:19:01 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: 550-81019-1
SDG: Seligman High 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: 550-81019-1
SDG: Seligman High School

Job ID: 550-81019-1

Laboratory: TestAmerica Phoenix

Narrative

Job Narrative 550-81019-1

Comments

No additional comments.

Receipt

The samples were received on 4/13/2017 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 22.4° C.

Receipt Exceptions

The following samples for metals were received unpreserved and were preserved upon receipt to the laboratory: HS 01 (550-81019-1), HS 02 (550-81019-2), HS 03 (550-81019-3), HS 04 (550-81019-4), HS 05 (550-81019-5), HS 06 (550-81019-6), HS 07 (550-81019-7), HS 08 (550-81019-8), AG 01 (550-81019-9), SC 01 (550-81019-10), AD 01 (550-81019-11), BB 01 (550-81019-12) and PL 01 (550-81019-13). 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: 550-81019-1
SDG: Seligman High School

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-81019-1	HS 01	Drinking Water	04/07/17 07:22	04/13/17 10:00
550-81019-2	HS 02	Drinking Water	04/07/17 07:20	04/13/17 10:00
550-81019-3	HS 03	Drinking Water	04/07/17 07:18	04/13/17 10:00
550-81019-4	HS 04	Drinking Water	04/07/17 07:15	04/13/17 10:00
550-81019-5	HS 05	Drinking Water	04/07/17 07:14	04/13/17 10:00
550-81019-6	HS 06	Drinking Water	04/07/17 07:25	04/13/17 10:00
550-81019-7	HS 07	Drinking Water	04/07/17 07:32	04/13/17 10:00
550-81019-8	HS 08	Drinking Water	04/07/17 07:28	04/13/17 10:00
550-81019-9	AG 01	Drinking Water	04/07/17 07:05	04/13/17 10:00
550-81019-10	SC 01	Drinking Water	04/07/17 07:10	04/13/17 10:00
550-81019-11	AD 01	Drinking Water	04/07/17 07:11	04/13/17 10:00
550-81019-12	BB 01	Drinking Water	04/07/17 05:00	04/13/17 10:00
550-81019-13	PL 01	Drinking Water	04/07/17 07:35	04/13/17 10:00

Detection Summary

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

TestAmerica Job ID: 550-81019-1
SDG: Seligman High School

Client Sample ID: HS 01

Lab Sample ID: 550-81019-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	15		0.50	ppb	1		200.8	Total/NA

Client Sample ID: HS 02

Lab Sample ID: 550-81019-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.5		0.50	ppb	1		200.8	Total/NA

Client Sample ID: HS 03

Lab Sample ID: 550-81019-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.3		0.50	ppb	1		200.8	Total/NA

Client Sample ID: HS 04

Lab Sample ID: 550-81019-4

No Detections.

Client Sample ID: HS 05

Lab Sample ID: 550-81019-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.1		0.50	ppb	1		200.8	Total/NA

Client Sample ID: HS 06

Lab Sample ID: 550-81019-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.8		0.50	ppb	1		200.8	Total/NA

Client Sample ID: HS 07

Lab Sample ID: 550-81019-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.53		0.50	ppb	1		200.8	Total/NA

Client Sample ID: HS 08

Lab Sample ID: 550-81019-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.87		0.50	ppb	1		200.8	Total/NA

Client Sample ID: AG 01

Lab Sample ID: 550-81019-9

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: SC 01

Lab Sample ID: 550-81019-10

No Detections.

Client Sample ID: AD 01

Lab Sample ID: 550-81019-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.6		0.50	ppb	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Phoenix

Detection Summary

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

TestAmerica Job ID: 550-81019-1
SDG: Seligman High School

Client Sample ID: BB 01

Lab Sample ID: 550-81019-12

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: PL 01

Lab Sample ID: 550-81019-13

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.60		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: 550-81019-1
SDG: Seligman High School

Client Sample ID: HS 01
Date Collected: 04/07/17 07:22
Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-1
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15		0.50	ppb		04/18/17 17:47	04/23/17 16:52	1

Client Sample ID: HS 02
Date Collected: 04/07/17 07:20
Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-2
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.5		0.50	ppb		04/18/17 17:47	04/23/17 16:54	1

Client Sample ID: HS 03
Date Collected: 04/07/17 07:18
Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-3
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.3		0.50	ppb		04/18/17 17:47	04/23/17 16:56	1

Client Sample ID: HS 04
Date Collected: 04/07/17 07:15
Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-4
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 17:47	04/23/17 16:58	1

Client Sample ID: HS 05
Date Collected: 04/07/17 07:14
Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-5
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.1		0.50	ppb		04/18/17 17:47	04/23/17 17:00	1

Client Sample ID: HS 06
Date Collected: 04/07/17 07:25
Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-6
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.8		0.50	ppb		04/18/17 17:47	04/23/17 17:02	1

Client Sample ID: HS 07
Date Collected: 04/07/17 07:32
Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-7
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.53		0.50	ppb		04/18/17 17:47	04/23/17 17:03	1

TestAmerica Phoenix

Client Sample Results

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

TestAmerica Job ID: 550-81019-1
SDG: Seligman High School

Client Sample ID: HS 08

Date Collected: 04/07/17 07:28

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-8

Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.87		0.50	ppb	—	04/18/17 17:47	04/23/17 17:05	1

Client Sample ID: AG 01

Date Collected: 04/07/17 07:05

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-9

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	—	04/18/17 17:47	04/23/17 17:07	1

Client Sample ID: SC 01

Date Collected: 04/07/17 07:10

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-10

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 17:47	04/23/17 17:13	1

Client Sample ID: AD 01

Date Collected: 04/07/17 07:11

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-11

Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.6		0.50	ppb	—	04/18/17 17:47	04/23/17 17:15	1

Client Sample ID: BB 01

Date Collected: 04/07/17 05:00

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-12

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	—	04/18/17 17:47	04/23/17 17:17	1

Client Sample ID: PL 01

Date Collected: 04/07/17 07:35

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-13

Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.60		0.50	ppb	—	04/18/17 17:47	04/23/17 17:19	1

QC Sample Results

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

TestAmerica Job ID: 550-81019-1
SDG: Seligman High School

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 550-115203/1-A
Matrix: Water
Analysis Batch: 115538

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 115203

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		04/18/17 17:47	04/23/17 16:37	1

Lab Sample ID: LCS 550-115203/4-A
Matrix: Water
Analysis Batch: 115538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 115203

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	100	98.7		ppb		99	85 - 115

Lab Sample ID: LCSD 550-115203/5-A
Matrix: Water
Analysis Batch: 115538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 115203

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	100	101		ppb		101	85 - 115	2	20

Lab Sample ID: 550-81080-C-1-E MS
Matrix: Water
Analysis Batch: 115538

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 115203

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		100	96.7		ppb		97	70 - 130

Lab Sample ID: 550-81080-C-1-F MSD
Matrix: Water
Analysis Batch: 115538

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 115203

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	ND		100	97.4		ppb		97	70 - 130	1	20

QC Association Summary

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

TestAmerica Job ID: 550-81019-1
SDG: Seligman High School

Metals

Prep Batch: 115203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-81019-1	HS 01	Total/NA	Drinking Water	200.8	
550-81019-2	HS 02	Total/NA	Drinking Water	200.8	
550-81019-3	HS 03	Total/NA	Drinking Water	200.8	
550-81019-4	HS 04	Total/NA	Drinking Water	200.8	
550-81019-5	HS 05	Total/NA	Drinking Water	200.8	
550-81019-6	HS 06	Total/NA	Drinking Water	200.8	
550-81019-7	HS 07	Total/NA	Drinking Water	200.8	
550-81019-8	HS 08	Total/NA	Drinking Water	200.8	
550-81019-9	AG 01	Total/NA	Drinking Water	200.8	
550-81019-10	SC 01	Total/NA	Drinking Water	200.8	
550-81019-11	AD 01	Total/NA	Drinking Water	200.8	
550-81019-12	BB 01	Total/NA	Drinking Water	200.8	
550-81019-13	PL 01	Total/NA	Drinking Water	200.8	
MB 550-115203/1-A	Method Blank	Total/NA	Water	200.8	
LCS 550-115203/4-A	Lab Control Sample	Total/NA	Water	200.8	
LCSD 550-115203/5-A	Lab Control Sample Dup	Total/NA	Water	200.8	
550-81080-C-1-E MS	Matrix Spike	Total/NA	Water	200.8	
550-81080-C-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

Analysis Batch: 115538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-81019-1	HS 01	Total/NA	Drinking Water	200.8	115203
550-81019-2	HS 02	Total/NA	Drinking Water	200.8	115203
550-81019-3	HS 03	Total/NA	Drinking Water	200.8	115203
550-81019-4	HS 04	Total/NA	Drinking Water	200.8	115203
550-81019-5	HS 05	Total/NA	Drinking Water	200.8	115203
550-81019-6	HS 06	Total/NA	Drinking Water	200.8	115203
550-81019-7	HS 07	Total/NA	Drinking Water	200.8	115203
550-81019-8	HS 08	Total/NA	Drinking Water	200.8	115203
550-81019-9	AG 01	Total/NA	Drinking Water	200.8	115203
550-81019-10	SC 01	Total/NA	Drinking Water	200.8	115203
550-81019-11	AD 01	Total/NA	Drinking Water	200.8	115203
550-81019-12	BB 01	Total/NA	Drinking Water	200.8	115203
550-81019-13	PL 01	Total/NA	Drinking Water	200.8	115203
MB 550-115203/1-A	Method Blank	Total/NA	Water	200.8	115203
LCS 550-115203/4-A	Lab Control Sample	Total/NA	Water	200.8	115203
LCSD 550-115203/5-A	Lab Control Sample Dup	Total/NA	Water	200.8	115203
550-81080-C-1-E MS	Matrix Spike	Total/NA	Water	200.8	115203
550-81080-C-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	115203

Lab Chronicle

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

TestAmerica Job ID: 550-81019-1
SDG: Seligman High School

Client Sample ID: HS 01

Date Collected: 04/07/17 07:22

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-1

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 16:52	TEK	TAL PHX

Client Sample ID: HS 02

Date Collected: 04/07/17 07:20

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-2

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 16:54	TEK	TAL PHX

Client Sample ID: HS 03

Date Collected: 04/07/17 07:18

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-3

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 16:56	TEK	TAL PHX

Client Sample ID: HS 04

Date Collected: 04/07/17 07:15

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-4

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 16:58	TEK	TAL PHX

Client Sample ID: HS 05

Date Collected: 04/07/17 07:14

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-5

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 17:00	TEK	TAL PHX

Client Sample ID: HS 06

Date Collected: 04/07/17 07:25

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-6

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 17:02	TEK	TAL PHX

TestAmerica Phoenix

Lab Chronicle

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

TestAmerica Job ID: 550-81019-1
SDG: Seligman High School

Client Sample ID: HS 07

Date Collected: 04/07/17 07:32

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-7

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 17:03	TEK	TAL PHX

Client Sample ID: HS 08

Date Collected: 04/07/17 07:28

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-8

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 17:05	TEK	TAL PHX

Client Sample ID: AG 01

Date Collected: 04/07/17 07:05

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-9

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 17:07	TEK	TAL PHX

Client Sample ID: SC 01

Date Collected: 04/07/17 07:10

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-10

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 17:13	TEK	TAL PHX

Client Sample ID: AD 01

Date Collected: 04/07/17 07:11

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-11

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 17:15	TEK	TAL PHX

Client Sample ID: BB 01

Date Collected: 04/07/17 05:00

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-12

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 17:17	TEK	TAL PHX

TestAmerica Phoenix

Lab Chronicle

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

TestAmerica Job ID: 550-81019-1
SDG: Seligman High School

Client Sample ID: PL 01

Date Collected: 04/07/17 07:35

Date Received: 04/13/17 10:00

Lab Sample ID: 550-81019-13

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			115203	04/18/17 17:47	SLS	TAL PHX
Total/NA	Analysis	200.8		1	115538	04/23/17 17:19	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: 550-81019-1
SDG: Seligman High 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: 550-81019-1
SDG: Seligman High 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

81019

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	High School
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	SINK
Location of Fixture (example, room number)	Rm 212
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	HS 01
Date of Collection	4/17/17
Time of Collection	7:22 AM
Printed Name of Sample Collector	STEPHEN KNOTT
Signature Sample Collector	Stephen Knott

550-81019 Chain of Custody



Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	
Notes:	TEMP 22-4°C
FedEx	

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.

①

Collection Log

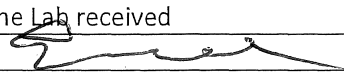
for experienced sample collectors

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	KITCHEN
Building (name/number)	1004
Type of Fixture (tap, drinking fountain etc.)	SINK
Location of Fixture (example, room number)	KITCHEN
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	HS 02
Date of Collection	4/7/17
Time of Collection	7:20 AM
Printed Name of Sample Collector	STEPHEN KNOTT
Signature Sample Collector	Steph Knott

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	
Notes: TEMP 22.4°C	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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②

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	KITCHEN
Building (name/number)	1004
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	CAFETERIA
Sample Identification Number (Write this number on the sample container and on this sheet)	HS 03
Date of Collection	4/7/17
Time of Collection	7:18 AM
Printed Name of Sample Collector	STEPHEN KNOTT
Signature Sample Collector	<i>Stephen Knott</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	<i>[Signature]</i>
Notes: TEMP 22.4°C	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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3

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	HIGH SCHOOL
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	STUDENT LOUNGE
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	HS 04
Date of Collection	4/17/17
Time of Collection	7:15 AM
Printed Name of Sample Collector	STEPHEN KNOTT
Signature Sample Collector	<i>Stephen Knott</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	<i>[Signature]</i>
Notes:	TEMP 22-4-c

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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4

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	SALAMANCA USD #40
School Name	HIGH SCHOOL
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	SINK
Location of Fixture (example, room number)	CONCESSION
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	NS 05
Date of Collection	4/17/17
Time of Collection	7:14 AM
Printed Name of Sample Collector	STEPHEN KNOTT
Signature Sample Collector	<i>Stephen Knott</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	<i>[Signature]</i>
Notes: TEMP 22-4-C	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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5

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	High School
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	SINK
Location of Fixture (example, room number)	Rm 204
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	HS 06
Date of Collection	4/17/17
Time of Collection	7:25 AM
Printed Name of Sample Collector	Stephen Knott
Signature Sample Collector	<i>Stephen Knott</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	<i>[Signature]</i>
Notes:	TEMP 22-4C

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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6

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	High School
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	Gym NORTH
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	HS 07
Date of Collection	4/17/17
Time of Collection	7:32 AM
Printed Name of Sample Collector	STEPHEN KNOTT
Signature Sample Collector	<i>Stephen Knott</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	<i>[Signature]</i>
Notes: TEMP 22-4-C	

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	3213 MAJ USD #40
School Name	HIGH SCHOOL
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	NORTH HALL
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	HS 08
Date of Collection	4/7/17
Time of Collection	7:28 AM
Printed Name of Sample Collector	STEPHEN KNOTT
Signature Sample Collector	<i>Stephen Knott</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	<i>[Signature]</i>
Notes:	TEMP 22-4°C

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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Collection Log

for experienced sample collectors

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- ☒ 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 #410
School Name	SNAP
Building (name/number)	1005
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	RR HALLWAY
Sample Identification Number (Write this number on the sample container and on this sheet)	AG 01
Date of Collection	4/17/17
Time of Collection	7:05 AM
Printed Name of Sample Collector	STEPHEN KNOTT
Signature Sample Collector	<i>Stephen Knott</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	<i>[Signature]</i>
Notes:	TEMP 22-4-C

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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Collection Log

for experienced sample collectors

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- ☒ 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	SCIENCE / OH ADMIN
Building (name/number)	1012
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN 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>)	SC 01
Date of Collection	4/17/17
Time of Collection	7:10 AM
Printed Name of Sample Collector	STEPHEN KNOTT
Signature Sample Collector	<i>Stephen Knott</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	<i>[Signature]</i>
Notes:	TEMP 22-4 C

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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(10)

Collection Log

for experienced sample collectors

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- ☒ 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	Business Office
Building (name/number)	1001
Type of Fixture (tap, drinking fountain etc.)	SINK
Location of Fixture (example, room number)	LOUNGE
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	AD 01
Date of Collection	4/7/17
Time of Collection	7:11 AM
Printed Name of Sample Collector	STEPHAN KNOTT
Signature Sample Collector	Steph Knott

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	[Signature]
Notes: TEMP 22-4-C	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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

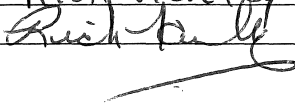
11

Collection Log


for experienced sample collectors

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- ☒ 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	BUS. BARN
Building (name/number)	1004
Type of Fixture (tap, drinking fountain etc.)	SINK
Location of Fixture (example, room number)	R R
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	BB01
Date of Collection	4/7/17
Time of Collection	5:00 AM
Printed Name of Sample Collector	Rick Henley
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	
Notes: TEMP 22-4-C	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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(12)

Collection Log

for experienced sample collectors

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- ☒ 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	Pool
Building (name/number)	1003
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	Pool
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	PL 01
Date of Collection	4/7/17
Time of Collection	7:35 AM
Printed Name of Sample Collector	STEPHEN KNOTT
Signature Sample Collector	<i>Steph Knott</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	04-13-17 10:00 AM
Signature	<i>[Signature]</i>
Notes: TEMP 22.4°C	

For relinquishing samples upon delivery to labs only

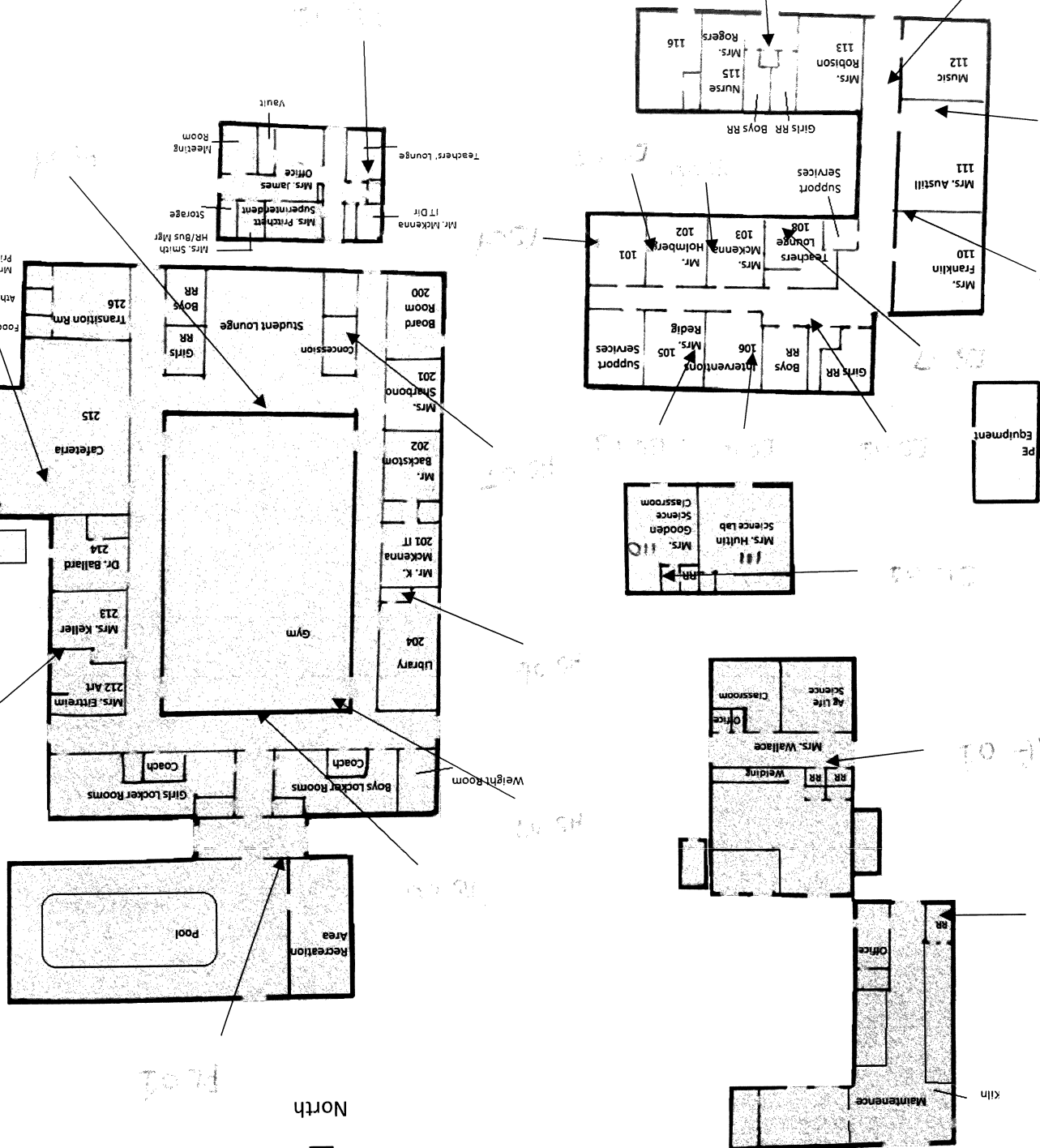
Relinquished date and signature _____

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Seligman Unified District	Seligman High School	1001	BUSINESS OFFICE	PRINCIPAL, NURSE	1975	P O Box 278	Seligman	86337-0278	Yavapai	2
Seligman Unified District	Seligman High School	1002	HIGH SCHOOL	HIGH SCHOOL	1975	P O Box 278	Seligman	86337-0278	Yavapai	2
Seligman Unified District	Seligman High School	1003	POOL	POOL	1975	P O Box 278	Seligman	86337-0278	Yavapai	2
Seligman Unified District	Seligman High School	1004	BUS BARN	BUS, MAINT	1975	P O Box 278	Seligman	86337-0278	Yavapai	2
Seligman Unified District	Seligman High School	1005	SHOP	SHOP	1975	P O Box 278	Seligman	86337-0278	Yavapai	2
Seligman Unified District	Seligman High School	1006	OLD GYM	OLD GYM	1930	P O Box 278	Seligman	86337-0278	Yavapai	2
Seligman Unified District	Seligman High School	1010	FOOTBALL BDLG	FOOTBALL CONCESSION, ST	1996	P O Box 278	Seligman	86337-0278	Yavapai	1
Seligman Unified District	Seligman High School	1011	KILN ROOM	KILN ROOM	1990	P O Box 278	Seligman	86337-0278	Yavapai	1
Seligman Unified District	Seligman High School	1012	OLD ADMINISTRATION	SCIENCE	1935	P O Box 278	Seligman	86337-0278	Yavapai	2
Total Containers										16

Seligman Unified District ATTN: Diane Pritchett 54255 N Main St, Seligman, AZ 86337

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



Login Sample Receipt Checklist

Client: Arizona Dept of Environmental Quality

Job Number: 550-81019-1
SDG Number: Seligman High School

Login Number: 81019

List Number: 1

Creator: Vilaboy, Monica

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.