

# 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: 550-78155-1

TestAmerica Sample Delivery Group: J O Combs Middle School

Client Project/Site: Pb in DW / J O Combs 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:

3/7/2017 11:28:32 AM

Susan Armijo, Project Manager II

(602)659-7664

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

### LINKS

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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 / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs Middle School

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	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 / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs Middle School

**Job ID: 550-78155-1**

**Laboratory: TestAmerica Phoenix**

### Narrative

#### Job Narrative 550-78155-1

### Comments

No additional comments.

### Receipt

The samples were received on 2/24/2017 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 18.2° C.

### Receipt Exceptions

The following samples for metals were received unpreserved and were preserved upon receipt to the laboratory: 500 Hallway (550-78155-1), 400 Hallway (550-78155-2), 300 Hallway (550-78155-3), 200 Gymnasium (550-78155-4), Admin 151 (550-78155-5) and 600 Multipurpose Room (550-78155-6). 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 / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs Middle School

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-78155-1	500 Hallway	Drinking Water	02/22/17 05:42	02/24/17 10:00
550-78155-2	400 Hallway	Drinking Water	02/22/17 05:38	02/24/17 10:00
550-78155-3	300 Hallway	Drinking Water	02/22/17 05:35	02/24/17 10:00
550-78155-4	200 Gymnasium	Drinking Water	02/22/17 05:30	02/24/17 10:00
550-78155-5	Admin 151	Drinking Water	02/22/17 05:27	02/24/17 10:00
550-78155-6	600 Multipurpose Room	Drinking Water	02/22/17 05:46	02/24/17 10:00

## Detection Summary

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs Middle School

### Client Sample ID: 500 Hallway

Lab Sample ID: 550-78155-1

No Detections.

### Client Sample ID: 400 Hallway

Lab Sample ID: 550-78155-2

No Detections.

### Client Sample ID: 300 Hallway

Lab Sample ID: 550-78155-3

No Detections.

### Client Sample ID: 200 Gymnasium

Lab Sample ID: 550-78155-4

No Detections.

### Client Sample ID: Admin 151

Lab Sample ID: 550-78155-5

No Detections.

### Client Sample ID: 600 Multipurpose Room

Lab Sample ID: 550-78155-6

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 / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs Middle School

### Client Sample ID: 500 Hallway

Date Collected: 02/22/17 05:42

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-1

Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		02/28/17 04:55	03/01/17 17:10	1

### Client Sample ID: 400 Hallway

Date Collected: 02/22/17 05:38

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-2

Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		02/28/17 05:03	03/06/17 13:30	1

### Client Sample ID: 300 Hallway

Date Collected: 02/22/17 05:35

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-3

Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		02/28/17 05:03	03/06/17 13:36	1

### Client Sample ID: 200 Gymnasium

Date Collected: 02/22/17 05:30

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-4

Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		02/28/17 05:03	03/06/17 13:38	1

### Client Sample ID: Admin 151

Date Collected: 02/22/17 05:27

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-5

Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		02/28/17 05:03	03/06/17 13:40	1

### Client Sample ID: 600 Multipurpose Room

Date Collected: 02/22/17 05:46

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-6

Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		02/28/17 05:03	03/06/17 13:42	1

# QC Sample Results

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs Middle School

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

Lab Sample ID: MB 550-111184/1-A  
Matrix: Water  
Analysis Batch: 111385

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 111184

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		02/28/17 04:55	03/01/17 16:15	1

Lab Sample ID: LCS 550-111184/4-A  
Matrix: Water  
Analysis Batch: 111385

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 111184

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	100	95.0		ppb		95	85 - 115

Lab Sample ID: LCSD 550-111184/5-A  
Matrix: Water  
Analysis Batch: 111385

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 111184

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	100	93.3		ppb		93	85 - 115	2	20

Lab Sample ID: 550-78119-A-4-B MS  
Matrix: Water  
Analysis Batch: 111385

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 111184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		100	89.4		ppb		89	70 - 130

Lab Sample ID: 550-78119-A-4-C MSD  
Matrix: Water  
Analysis Batch: 111385

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 111184

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	ND		100	88.6		ppb		89	70 - 130	1	20

Lab Sample ID: MB 550-111185/1-A  
Matrix: Water  
Analysis Batch: 111700

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 111185

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	ppb		02/28/17 05:03	03/06/17 13:21	1

Lab Sample ID: LCS 550-111185/4-A  
Matrix: Water  
Analysis Batch: 111700

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 111185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	100	91.9		ppb		92	85 - 115

Lab Sample ID: LCSD 550-111185/5-A  
Matrix: Water  
Analysis Batch: 111700

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 111185

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	100	91.2		ppb		91	85 - 115	1	20

TestAmerica Phoenix



## QC Sample Results

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs Middle School

Lab Sample ID: 550-78155-2 MS

Matrix: Drinking Water

Analysis Batch: 111700

Client Sample ID: 400 Hallway

Prep Type: Total/NA

Prep Batch: 111185

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		100	88.9		ppb		89	70 - 130

Lab Sample ID: 550-78155-2 MSD

Matrix: Drinking Water

Analysis Batch: 111700

Client Sample ID: 400 Hallway

Prep Type: Total/NA

Prep Batch: 111185

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	ND		100	87.8		ppb		88	70 - 130	1	20

## QC Association Summary

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs Middle School

### Metals

#### Prep Batch: 111184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-78155-1	500 Hallway	Total/NA	Drinking Water	200.8	
MB 550-111184/1-A	Method Blank	Total/NA	Water	200.8	
LCS 550-111184/4-A	Lab Control Sample	Total/NA	Water	200.8	
LCSD 550-111184/5-A	Lab Control Sample Dup	Total/NA	Water	200.8	
550-78119-A-4-B MS	Matrix Spike	Total/NA	Water	200.8	
550-78119-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

#### Prep Batch: 111185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-78155-2	400 Hallway	Total/NA	Drinking Water	200.8	
550-78155-3	300 Hallway	Total/NA	Drinking Water	200.8	
550-78155-4	200 Gymnasium	Total/NA	Drinking Water	200.8	
550-78155-5	Admin 151	Total/NA	Drinking Water	200.8	
550-78155-6	600 Multipurpose Room	Total/NA	Drinking Water	200.8	
MB 550-111185/1-A	Method Blank	Total/NA	Water	200.8	
LCS 550-111185/4-A	Lab Control Sample	Total/NA	Water	200.8	
LCSD 550-111185/5-A	Lab Control Sample Dup	Total/NA	Water	200.8	
550-78155-2 MS	400 Hallway	Total/NA	Drinking Water	200.8	
550-78155-2 MSD	400 Hallway	Total/NA	Drinking Water	200.8	

#### Analysis Batch: 111385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-78155-1	500 Hallway	Total/NA	Drinking Water	200.8	111184
MB 550-111184/1-A	Method Blank	Total/NA	Water	200.8	111184
LCS 550-111184/4-A	Lab Control Sample	Total/NA	Water	200.8	111184
LCSD 550-111184/5-A	Lab Control Sample Dup	Total/NA	Water	200.8	111184
550-78119-A-4-B MS	Matrix Spike	Total/NA	Water	200.8	111184
550-78119-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	111184

#### Analysis Batch: 111700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-78155-2	400 Hallway	Total/NA	Drinking Water	200.8	111185
550-78155-3	300 Hallway	Total/NA	Drinking Water	200.8	111185
550-78155-4	200 Gymnasium	Total/NA	Drinking Water	200.8	111185
550-78155-5	Admin 151	Total/NA	Drinking Water	200.8	111185
550-78155-6	600 Multipurpose Room	Total/NA	Drinking Water	200.8	111185
MB 550-111185/1-A	Method Blank	Total/NA	Water	200.8	111185
LCS 550-111185/4-A	Lab Control Sample	Total/NA	Water	200.8	111185
LCSD 550-111185/5-A	Lab Control Sample Dup	Total/NA	Water	200.8	111185
550-78155-2 MS	400 Hallway	Total/NA	Drinking Water	200.8	111185
550-78155-2 MSD	400 Hallway	Total/NA	Drinking Water	200.8	111185

## Lab Chronicle

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs Middle School

### Client Sample ID: 500 Hallway

Date Collected: 02/22/17 05:42

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-1

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			111184	02/28/17 04:55	SGO	TAL PHX
Total/NA	Analysis	200.8		1	111385	03/01/17 17:10	TEK	TAL PHX

### Client Sample ID: 400 Hallway

Date Collected: 02/22/17 05:38

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-2

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			111185	02/28/17 05:03	SGO	TAL PHX
Total/NA	Analysis	200.8		1	111700	03/06/17 13:30	KLH	TAL PHX

### Client Sample ID: 300 Hallway

Date Collected: 02/22/17 05:35

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-3

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			111185	02/28/17 05:03	SGO	TAL PHX
Total/NA	Analysis	200.8		1	111700	03/06/17 13:36	KLH	TAL PHX

### Client Sample ID: 200 Gymnasium

Date Collected: 02/22/17 05:30

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-4

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			111185	02/28/17 05:03	SGO	TAL PHX
Total/NA	Analysis	200.8		1	111700	03/06/17 13:38	KLH	TAL PHX

### Client Sample ID: Admin 151

Date Collected: 02/22/17 05:27

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-5

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			111185	02/28/17 05:03	SGO	TAL PHX
Total/NA	Analysis	200.8		1	111700	03/06/17 13:40	KLH	TAL PHX

### Client Sample ID: 600 Multipurpose Room

Date Collected: 02/22/17 05:46

Date Received: 02/24/17 10:00

### Lab Sample ID: 550-78155-6

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			111185	02/28/17 05:03	SGO	TAL PHX
Total/NA	Analysis	200.8		1	111700	03/06/17 13:42	KLH	TAL PHX

TestAmerica Phoenix

Lab Chronicle

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs Middle School

Laboratory References:

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

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## Certification Summary

Client: Arizona Dept of Environmental Quality  
Project/Site: Pb in DW / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs Middle School

### Laboratory: TestAmerica Phoenix

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

Authority	Program	EPA Region	Certification ID	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 / J O Combs Unified District

TestAmerica Job ID: 550-78155-1  
SDG: J O Combs 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

78/55

### 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	J.O. Combs Unified District
School Name	J.O. Combs Middle School
Building (name/number)	520
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Hallway
Sample Identification Number (ensure this number is also on the sample container)	
Date of Collection	2-22-17
Time of Collection	5:42 AM
Printed Name of Sample Collector	Bill Adolph
Signature Sample Collector	Bill Adolph

Notes Sample collector:

550-78155 Chain of Custody



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.

①

SSums  
2/24/17

18.2°C

<http://www.azdeq.gov/LeadScreeningProg>

10:00 FedEx Ground

Page 2 of 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	J.O. Combs Unified District
School Name	J.O. Combs Middle School
Building (name/number)	400
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Hallway
Sample Identification Number (ensure this number is also on the sample container)	
Date of Collection	2-22-17
Time of Collection	5:38 AM
Printed Name of Sample Collector	Bill Adolph
Signature Sample Collector	Bill Adolph

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.*

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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	J.O. Combs Unified District
School Name	J.O. Combs Middle School
Building (name/number)	300
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Hallway
Sample Identification Number (ensure this number is also on the sample container)	
Date of Collection	2-22-17
Time of Collection	5:35 Am
Printed Name of Sample Collector	Bill Adolph
Signature Sample Collector	Bill Adolph

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.

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	J.O. Combs Unified District
School Name	J.O. Combs Middle School
Building (name/number)	200
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Gymnasium
Sample Identification Number (ensure this number is also on the sample container)	
Date of Collection	2-22-17
Time of Collection	5:30 AM
Printed Name of Sample Collector	Bill Adolph
Signature Sample Collector	Bill Adolph

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.

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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	J.O. Combs Unified District
School Name	J.O. Combs Middle School
Building (name/number)	Admin
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	151
Sample Identification Number (ensure this number is also on the sample container)	
Date of Collection	2-22-17
Time of Collection	5:27 AM
Printed Name of Sample Collector	Bill Adolph
Signature Sample Collector	Bill Adolph

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.

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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	TO COMBS UNIFIED DISTRICT
School Name	TO COMBS MIDDLE SCHOOL
Building (name/number)	600
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	MULTIPURPOSE ROOM
Sample Identification Number (ensure this number is also on the sample container)	
Date of Collection	2-22-17
Time of Collection	5:46 AM
Printed Name of Sample Collector	BILL ADOLPH
Signature Sample Collector	BILL ADOLPH

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.

6

J O Combs Unified District	J.O. Combs Middle School	1001	Bldg 100	Admin, Resource center	2008	37611 N. Pecan Creek Dr.	Queen Creek	85040	Pinal	1
J O Combs Unified District	J.O. Combs Middle School	1002	Bldg 200	Gymnasium	2008	37611 N. Pecan Creek Dr.	Queen Creek	85040	Pinal	1
J O Combs Unified District	J.O. Combs Middle School	1003	Bldg 300	Classroom	2008	37611 N. Pecan Creek Dr.	Queen Creek	85040	Pinal	1
J O Combs Unified District	J.O. Combs Middle School	1004	Bldg 400	Classroom	2008	37611 N. Pecan Creek Dr.	Queen Creek	85040	Pinal	1
J O Combs Unified District	J.O. Combs Middle School	1005	Bldg 500	Classroom	2008	37611 N. Pecan Creek Dr.	Queen Creek	85040	Pinal	1
J O Combs Unified District	J.O. Combs Middle School	1006	Bldg 600	Multipurpose room	2008	37611 N. Pecan Creek Dr.	Queen Creek	85040	Pinal	1
<b>Total Containers</b>										6

J. O. Combs Unified School District

ATTN: Shannon Weber

301 E. Combs Road

San Tan Valley, AZ 85140

# Arizona Department of Environmental Quality Public School Lead Drinking Water Screening Program Sampling Plan & Collection Log for Experienced Sample Collectors

Use these procedures to collect samples of water for lead screening at school. This protocol is part of a proactive program to screen the drinking water at Arizona schools for lead. Schools will be provided a sampling kit that will include this form, a list of school buildings to sample, sampling containers and return shipping if needed.

## Sample Locations

When possible select two sampling locations from each building built before January 1, 1988 and one sample location for buildings built after this date. Prioritize sampling locations based on how frequently someone could drink from them. The chart below should be used to select sampling locations.

Recommended		Not Recommended	
Drinking fountains	Bathroom sinks	Fixtures where human consumption of the water is not likely to occur	consumption
Preschool classrooms	Janitor closets		Any sink known to be or visibly used for
Cafeteria and kitchen sinks	Hose bibs	Taps attached to water softeners	Home economics room sinks
Nurse's/health office sinks		Taps attached Point of Use devices	

## Sample Collection

1. Collect all water samples before the facility opens for the day and any water usage occurs.
2. The water must have sat in the pipes for at least six (6) hours before a sample is taken.
3. Collect samples in the container(s) provided by completing the following steps:
  - 1) Open sample container
  - 2) Hold sample container under fixture (cold water tap only).
  - 3) Turn on fixture
  - 4) Fill sample container
  - 5) Close sample container tightly
  - 6) Complete label on sample container, ensure information on container matches information recorded on the "Collection Log" provided immediately following the collection of each sample.
  - 7) Provide a map with sample locations
4. Assign a **unique** sample identification number to each sample. (For example, bldg100-01 to indicate it is collected in building 100 and is the first sample). Record that number on the Sample Collection Record form and sample container.
5. Accurately complete the "Collection Log". **Accurate information about the sample is essential.**
6. Ship the samples as instructed within three (3) days. Place all Sample Collection Logs in a water tight container such as a zip lock bag. Keep the Sample Collection Log with the samples. The lab must receive the sample within ten (10) calendar days in order for them to be analyzed.

## Login Sample Receipt Checklist

Client: Arizona Dept of Environmental Quality

Job Number: 550-78155-1

SDG Number: J O Combs Middle School

**Login Number: 78155**

**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.