

### Technical Report for

**Arizona Dept. of Environmental Quality**

**School District, Lead in Drinking Water Testing**

**Trailside Point/Laveen Elementary District**

**SGS Accutest Job Number: LA32010**

**Sampling Date: 03/28/17**

### Report to:

**Arizona Dept. of Environmental Quality**  
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Phoenix, AZ 85007  
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ATTN: David Burchard

**Total number of pages in report: 27**



Test results contained within this data package meet the requirements  
of the National Environmental Laboratory Accreditation Program  
and/or state specific certification programs as applicable.

*Ron Benjamin*  
**Ron Benjamin**  
**Lab Director**

**Client Service contact: Anita Patel 337-237-4775**

Certifications: LDEQ(2048), LDHH(LA150012), AR(14-045-04), AZ(AZ0805), FL(E87657), IL(200082), KY(#31),  
NC(487), SC(73004001), NJ(LA007), TX(T104704186-15-7), WV(257)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest.  
Test results relate only to samples analyzed.

# Table of Contents

-1-

**Section 1: Sample Summary ..... 3**

**Section 2: Summary of Hits ..... 4**

**Section 3: Sample Results ..... 5**

**3.1: LA32010-1: 1 ..... 6**

**3.2: LA32010-2: 2 ..... 7**

**3.3: LA32010-3: 3 ..... 8**

**Section 4: Misc. Forms ..... 9**

**4.1: Chain of Custody ..... 10**

**Section 5: Metals Analysis - QC Data Summaries ..... 17**

**5.1: Prep QC MP7347: Pb ..... 18**

**5.2: Prep QC MP7348: Pb ..... 23**



Sample Summary

Arizona Dept. of Environmental Quality

Job No: LA32010

School District, Lead in Drinking Water Testing  
Project No: Trailside Point/Laveen Elementary District

| Sample<br>Number | Collected |          | Received | Matrix |                | Client<br>Sample ID |
|------------------|-----------|----------|----------|--------|----------------|---------------------|
|                  | Date      | Time By  |          | Code   | Type           |                     |
| LA32010-1        | 03/28/17  | 06:15 CT | 04/01/17 | DW     | Drinking Water | 1                   |
| LA32010-2        | 03/28/17  | 06:30 CT | 04/01/17 | DW     | Drinking Water | 2                   |
| LA32010-3        | 03/28/17  | 06:25 CT | 04/01/17 | DW     | Drinking Water | 3                   |

Summary of Hits

Job Number: LA32010  
Account: Arizona Dept. of Environmental Quality  
Project: School District, Lead in Drinking Water Testing  
Collected: 03/28/17

| Lab Sample ID | Client Sample ID | Result/<br>Qual | RL | MDL | Units | Method |
|---------------|------------------|-----------------|----|-----|-------|--------|
|---------------|------------------|-----------------|----|-----|-------|--------|

LA32010-1      1

No hits reported in this sample.

LA32010-2      2

No hits reported in this sample.

LA32010-3      3

No hits reported in this sample.

## **Sample Results**

## **Report of Analysis**

Report of Analysis

|                   |   |                 |          |
|-------------------|---|-----------------|----------|
| Client Sample ID: | 1   |                 |          |
| Lab Sample ID:    | LA32010-1                                       | Date Sampled:   | 03/28/17 |
| Matrix:           | DW - Drinking Water                             | Date Received:  | 04/01/17 |
|                   |   | Percent Solids: | n/a      |
| Project:          | School District, Lead in Drinking Water Testing |                 |          |

Total Metals Analysis

| Analyte | Result | MCL | RL  | Units | DF | Prep     | Analyzed By | Method                 | Prep Method            |
|---------|--------|-----|-----|-------|----|----------|-------------|------------------------|------------------------|
| Lead    | ND     | 15  | 1.0 | ug/l  | 1  | 04/04/17 | 04/09/17 RT | EPA 200.8 <sup>1</sup> | EPA 200.8 <sup>2</sup> |

(1) Instrument QC Batch: MA7223  
(2) Prep QC Batch: MP7347

RL = Reporting Limit  
MCL = Maximum Contamination Level (40 CFR 141)

ND = Not detected

Report of Analysis

|                   |   |                 |          |
|-------------------|---|-----------------|----------|
| Client Sample ID: | 2   |                 |          |
| Lab Sample ID:    | LA32010-2                                       | Date Sampled:   | 03/28/17 |
| Matrix:           | DW - Drinking Water                             | Date Received:  | 04/01/17 |
|                   |   | Percent Solids: | n/a      |
| Project:          | School District, Lead in Drinking Water Testing |                 |          |

Total Metals Analysis

| Analyte | Result | MCL | RL  | Units | DF | Prep     | Analyzed By | Method                 | Prep Method            |
|---------|--------|-----|-----|-------|----|----------|-------------|------------------------|------------------------|
| Lead    | ND     | 15  | 1.0 | ug/l  | 1  | 04/04/17 | 04/09/17 RT | EPA 200.8 <sup>1</sup> | EPA 200.8 <sup>2</sup> |

(1) Instrument QC Batch: MA7223  
(2) Prep QC Batch: MP7347

RL = Reporting Limit  
MCL = Maximum Contamination Level (40 CFR 141)

ND = Not detected

Report of Analysis

|                   |   |                 |          |
|-------------------|---|-----------------|----------|
| Client Sample ID: | 3   | Date Sampled:   | 03/28/17 |
| Lab Sample ID:    | LA32010-3                                       | Date Received:  | 04/01/17 |
| Matrix:           | DW - Drinking Water                             | Percent Solids: | n/a      |
| Project:          | School District, Lead in Drinking Water Testing |                 |          |

Total Metals Analysis

| Analyte | Result | MCL | RL  | Units | DF | Prep     | Analyzed By | Method                 | Prep Method            |
|---------|--------|-----|-----|-------|----|----------|-------------|------------------------|------------------------|
| Lead    | ND     | 15  | 1.0 | ug/l  | 1  | 04/04/17 | 04/09/17 RT | EPA 200.8 <sup>1</sup> | EPA 200.8 <sup>2</sup> |

(1) Instrument QC Batch: MA7223  
(2) Prep QC Batch: MP7348

RL = Reporting Limit  
MCL = Maximum Contamination Level (40 CFR 141)

ND = Not detected



## **Misc. Forms**

### **Custody Documents and Other Forms**

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**Includes the following where applicable:**

- Chain of Custody

LA32010

### 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  | Laveen Elementary District |
| School Name  | Trailside Point            |
| Building (name/number)   | Building A                 |
| Type of Fixture (tap, drinking fountain etc.)  | Drinking fountain          |
| Location of Fixture (example, room number)   | Across from Room 60        |
| Sample Identification Number (Write this number on the sample container and on this sheet) | 1                          |
| Date of Collection   | March 28, 2017             |
| Time of Collection   | 6:15am                     |
| Printed Name of Sample Collector   | Clay Tait                  |
| Signature Sample Collector   | Clay Tait                  |

Notes Sample collector:

David Monero was present during time of the test.

|   |  |
|---|--|
| 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

3/31/17 3/31/17 145

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

3/31/17 1700 Feb 24

04-0177 0915 Lamin RD

04-0177 0915 Hawk

04-0177 0915 Hawk

04-0177 0915 Hawk

04-0177 0915 Hawk

LA32010

ADEQ Public School Drinking Water Lead Screening Program  
Sampling Plan & Collection Log

**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  | Laveen Elementary District |
| School Name  | Trailside Point            |
| Building (name/number)   | Building B                 |
| Type of Fixture (tap, drinking fountain etc.)  | Drinking fountain          |
| Location of Fixture (example, room number)   | Gym                        |
| Sample Identification Number (Write this number on the sample container and on this sheet) | 2                          |
| Date of Collection   | 3-28-17                    |
| Time of Collection   | 6:30am                     |
| Printed Name of Sample Collector   | Gary Tait                  |
| Signature Sample Collector   | Gary Tait                  |

Notes Sample collector:  
Dariusz Komaro was present during time of test

|   |  |
|---|--|
| 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.

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

LA 32010

ADEQ Public School Drinking Water Lead Screening Program  
Sampling Plan & Collection Log

**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  | Laveen Elementary District |
| School Name  | Trailside Point            |
| Building (name/number)   | Building C                 |
| Type of Fixture (tap, drinking fountain etc.)  | Drinking fountain          |
| Location of Fixture (example, room number)   | across from Room 3         |
| Sample Identification Number (Write this number on the sample container and on this sheet) | 3                          |
| Date of Collection   | 3-28-17                    |
| Time of Collection   | 6:25am                     |
| Printed Name of Sample Collector   | Cory Tait                  |
| Signature Sample Collector   | Cory Tait                  |

Notes Sample collector:

David Kowalski was present during time of test

|   |  |
|---|--|
| 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.*

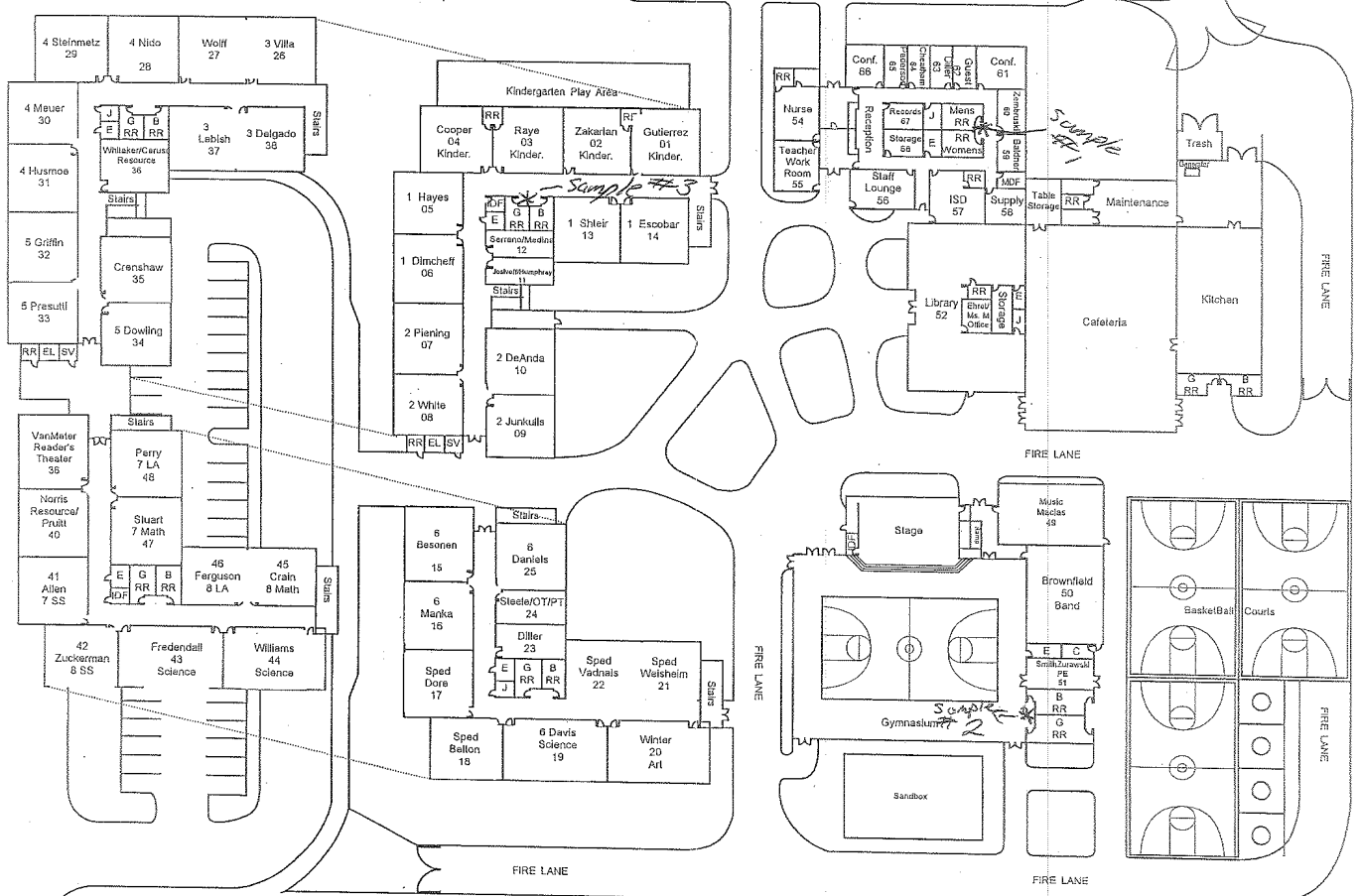
<http://www.azdeq.gov/LeadScreeningProg>

| District                   | School                                   | Building No | Building Desc | Building Use              | Year Built            | Number of Bottles Per Building |
|----------------------------|--|-------------|---------------|---------------------------|-----------------------|--------------------------------|
| Laveen Elementary District | Trailside Point                          | 1001        | Bldg A        | Admin, Cafeteria, Library | 2007                  | 1                              |
| Laveen Elementary District | Trailside Point                          | 1002        | Bldg B        | Gym, Music                | 2007                  | 1                              |
| Laveen Elementary District | Trailside Point                          | 1003        | Bldg C        | Classrooms                | 2007                  | 1                              |
| Address:                   | 7275 W. Vineyard Road, Laveen AZ - 85339 |             |               |                           | Number of Bottles Per | 3                              |

LA32010: Chain of Custody  
Page 4 of 7



Key  
 C = Custodial  
 E = Electrical  
 EL = Elevator  
 J = Janitorial  
 RR = Rest Room  
 SV = Elevator Service



TRAILSIDE POINT

LA32010: Chain of Custody

Page 5 of 7

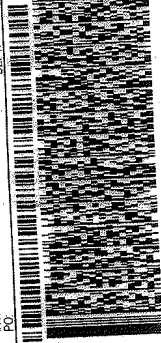
VALUATION ADJUSTED  
RECEIVED BY THE SERVICE CENTER  
1741 W. UNIVERSITY DR.  
SUITE 140  
TAMPA, FL 33628  
UNITED STATES US

U.S. POSTAGE  
BILL RECIPIENT

TO HOLD AT FEDEX- SAMPLES  
ACCUTEST LABORATORIES-LAFAYETTE, LA  
109 COMMISSION BLVD

LAFAYETTE LA 70508  
(337) 237-4775  
NO. REF. ADEQ

DEPT.



SATURDAY HOLD  
PRIORITY OVERNIGHT

TRK# 7787 9932 6411

0201

HLD

LFTA

LFT

LAJUS

X0 LFTA



LA 0000000000

(312)  
D 2522 (no)

# SGS Accutest Sample Receipt Summary

Job Number: LA32010

Client: ADEQ

Project: TRAILSIDE POINT

Date / Time Received: 4/1/2017 9:45:00 AM

Delivery Method: FedEx

Airbill #s: 778799326411

Cooler Temps (Initial/Adjusted): #1: (24.1/24.1):

## Cooler Security

|                           | Y                                   | or | N                        |                       | Y                                   | or | N                        |
|---------------------------|-------------------------------------|----|--------------------------|-----------------------|-------------------------------------|----|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> | 3. COC Present:       | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 2. Custody Seals Intact:  | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |

## Cooler Temperature

|                            | Y                        | or | N                        |
|----------------------------|--------------------------|----|--------------------------|
| 1. Temp criteria achieved: | <input type="checkbox"/> |    | <input type="checkbox"/> |
| 2. Thermometer ID:         | ;                        |    |                          |
| 3. Cooler media:           | No Ice                   |    |                          |
| 4. No. Coolers:            | 1                        |    |                          |

## Quality Control Preservation

|                                 | Y                                   | or | N                        | N/A                                 |
|---------------------------------|-------------------------------------|----|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/>            |    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Trip Blank listed on COC:    | <input type="checkbox"/>            |    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Samples preserved properly:  | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |                                     |
| 4. VOCs headspace free:         | <input type="checkbox"/>            |    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

## Sample Integrity - Documentation

|  | Y                                   | or | N                        |
|--|-------------------------------------|----|--------------------------|
| 1. Sample labels present on bottles:   | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 2. Container labeling complete:        | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |

## Sample Integrity - Condition

|                                  | Y                                   | or | N                        |
|----------------------------------|-------------------------------------|----|--------------------------|
| 1. Sample recvd within HT:       | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> |    | <input type="checkbox"/> |
| 3. Condition of sample:          | Intact                              |    |                          |

## Sample Integrity - Instructions

|   | Y                                   | or | N                                   | N/A                                 |
|---|-------------------------------------|----|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear:           | <input checked="" type="checkbox"/> |    | <input type="checkbox"/>            |                                     |
| 2. Bottles received for unspecified tests | <input type="checkbox"/>            |    | <input checked="" type="checkbox"/> |                                     |
| 3. Sufficient volume recvd for analysis:  | <input checked="" type="checkbox"/> |    | <input type="checkbox"/>            |                                     |
| 4. Compositing instructions clear:        | <input type="checkbox"/>            |    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear:          | <input type="checkbox"/>            |    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

Comments

LA32010: Chain of Custody

Page 7 of 7



**Metals Analysis**

5

**QC Data Summaries**

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**Includes the following where applicable:**

- **Method Blank Summaries**
- **Matrix Spike and Duplicate Summaries**
- **Blank Spike and Lab Control Sample Summaries**
- **Serial Dilution Summaries**

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: LA32010  
Account: ADEQAZP - Arizona Dept. of Environmental Quality  
Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7347  
Matrix Type: DRINKING WATER

Methods: EPA 200.8  
Units: mg/l

Prep Date: 04/04/17

| Metal      | RL     | IDL     | MDL    | MB<br>raw  | final   |
|------------|--------|---------|--------|------------|---------|
| Aluminum   | 0.040  | .048    | .026   |            |         |
| Antimony   | 0.010  | .0016   | .0016  |            |         |
| Barium     | 0.010  | .00015  | .00064 |            |         |
| Beryllium  | 0.0010 | .00003  | .00013 |            |         |
| Boron      | 0.040  | .0023   | .005   |            |         |
| Calcium    | 0.40   | .027    | .057   |            |         |
| Lithium    | 0.0040 | .0001   | .00021 |            |         |
| Lead       | 0.0010 | .000045 | .00026 | -0.0000068 | <0.0010 |
| Molybdenum | 0.0040 | .0003   | .00087 |            |         |
| Potassium  | 0.20   | .034    | .018   |            |         |
| Uranium    | 0.0020 |         | .00016 |            |         |

Associated samples MP7347: LA32010-1, LA32010-2

Results < IDL are shown as zero for calculation purposes  
(\*) Outside of QC limits  
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: LA32010  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7347  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: mg/l

Prep Date: 04/04/17

| Metal      | LA32008-31<br>Original MS |      | Spikelot<br>MPICPMS5 % Rec |      | QC<br>Limits |
|------------|---------------------------|------|----------------------------|------|--------------|
| Aluminum   |                           |      |                            |      |              |
| Antimony   |                           |      |                            |      |              |
| Barium     |                           |      |                            |      |              |
| Beryllium  |                           |      |                            |      |              |
| Boron      |                           |      |                            |      |              |
| Calcium    |                           |      |                            |      |              |
| Lithium    |                           |      |                            |      |              |
| Lead       | 0.0022                    | 0.18 | 0.20                       | 88.9 | 70-130       |
| Molybdenum |                           |      |                            |      |              |
| Potassium  |                           |      |                            |      |              |
| Uranium    |                           |      |                            |      |              |

Associated samples MP7347: LA32010-1, LA32010-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: LA32010  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7347  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: mg/l

Prep Date: 04/04/17

| Metal      | LA32008-31<br>Original MSD | Spikelot<br>MPICPMS5 % Rec | MSD<br>RPD | QC<br>Limit |
|------------|----------------------------|----------------------------|------------|-------------|
| Aluminum   |                            |                            |            |             |
| Antimony   |                            |                            |            |             |
| Barium     |                            |                            |            |             |
| Beryllium  |                            |                            |            |             |
| Boron      |                            |                            |            |             |
| Calcium    |                            |                            |            |             |
| Lithium    |                            |                            |            |             |
| Lead       | 0.0022                     | 0.18                       | 0.20       | 88.9        |
| Molybdenum |                            |                            |            |             |
| Potassium  |                            |                            |            |             |
| Uranium    |                            |                            |            |             |

Associated samples MP7347: LA32010-1, LA32010-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: LA32010  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7347  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: mg/l

Prep Date: 04/04/17

| Metal      | BSP<br>Result | Spikelot<br>MPICPMS5 | % Rec | QC<br>Limits |
|------------|---------------|----------------------|-------|--------------|
| Aluminum   |               |                      |       |              |
| Antimony   |               |                      |       |              |
| Barium     |               |                      |       |              |
| Beryllium  |               |                      |       |              |
| Boron      |               |                      |       |              |
| Calcium    |               |                      |       |              |
| Lithium    |               |                      |       |              |
| Lead       | 0.19          | 0.20                 | 95.0  | 85-115       |
| Molybdenum |               |                      |       |              |
| Potassium  |               |                      |       |              |
| Uranium    |               |                      |       |              |

Associated samples MP7347: LA32010-1, LA32010-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

5.1.3

5

# SERIAL DILUTION RESULTS SUMMARY

Login Number: LA32010  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7347  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: ug/l

Prep Date: 04/04/17

| Metal      | LA32008-31<br>Original SDL 1:5 |      | %DIF | QC<br>Limits |
|------------|--------------------------------|------|------|--------------|
| Aluminum   |                                |      |      |              |
| Antimony   |                                |      |      |              |
| Barium     |                                |      |      |              |
| Beryllium  |                                |      |      |              |
| Boron      |                                |      |      |              |
| Calcium    |                                |      |      |              |
| Lithium    |                                |      |      |              |
| Lead       | 1.08                           | 1.02 | 5.2  | 0-10         |
| Molybdenum |                                |      |      |              |
| Potassium  |                                |      |      |              |
| Uranium    |                                |      |      |              |

Associated samples MP7347: LA32010-1, LA32010-2

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

5.1.4

5

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: LA32010  
Account: ADEQAZP - Arizona Dept. of Environmental Quality  
Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7348  
Matrix Type: DRINKING WATER

Methods: EPA 200.8  
Units: mg/l

Prep Date: 04/04/17

| Metal      | RL     | IDL     | MDL    | MB<br>raw | final   |
|------------|--------|---------|--------|-----------|---------|
| Aluminum   | 0.040  | .048    | .026   |           |         |
| Antimony   | 0.010  | .0016   | .0016  |           |         |
| Barium     | 0.010  | .00015  | .00064 |           |         |
| Beryllium  | 0.0010 | .00003  | .00013 |           |         |
| Boron      | 0.040  | .0023   | .005   |           |         |
| Calcium    | 0.40   | .027    | .057   |           |         |
| Lithium    | 0.0040 | .0001   | .00021 |           |         |
| Lead       | 0.0010 | .000045 | .00026 | 0.000084  | <0.0010 |
| Molybdenum | 0.0040 | .0003   | .00087 |           |         |
| Potassium  | 0.20   | .034    | .018   |           |         |
| Uranium    | 0.0020 |         | .00016 |           |         |

Associated samples MP7348: LA32010-3

Results < IDL are shown as zero for calculation purposes  
(\*) Outside of QC limits  
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: LA32010  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7348  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: mg/l

Prep Date: 04/04/17

| Metal      | LA32010-3<br>Original MS |      | Spikelot<br>MPICPMS5 % Rec |      | QC<br>Limits |
|------------|--------------------------|------|----------------------------|------|--------------|
| Aluminum   |                          |      |                            |      |              |
| Antimony   |                          |      |                            |      |              |
| Barium     |                          |      |                            |      |              |
| Beryllium  |                          |      |                            |      |              |
| Boron      |                          |      |                            |      |              |
| Calcium    |                          |      |                            |      |              |
| Lithium    |                          |      |                            |      |              |
| Lead       | 0.00037                  | 0.17 | 0.20                       | 84.8 | 70-130       |
| Molybdenum |                          |      |                            |      |              |
| Potassium  |                          |      |                            |      |              |
| Uranium    |                          |      |                            |      |              |

Associated samples MP7348: LA32010-3

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested



MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: LA32010  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7348  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: mg/l

Prep Date: 04/04/17

| Metal      | LA32010-3<br>Original MSD | Spikelot<br>MPICPMS5 % Rec | MSD<br>RPD | QC<br>Limit |
|------------|---------------------------|----------------------------|------------|-------------|
| Aluminum   |                           |                            |            |             |
| Antimony   |                           |                            |            |             |
| Barium     |                           |                            |            |             |
| Beryllium  |                           |                            |            |             |
| Boron      |                           |                            |            |             |
| Calcium    |                           |                            |            |             |
| Lithium    |                           |                            |            |             |
| Lead       | 0.00037 0.18              | 0.20 89.8                  | 5.7        | 20          |
| Molybdenum |                           |                            |            |             |
| Potassium  |                           |                            |            |             |
| Uranium    |                           |                            |            |             |

Associated samples MP7348: LA32010-3

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: LA32010  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7348  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: mg/l

Prep Date: 04/04/17

| Metal      | BSP<br>Result | Spikelot<br>MPICPMS5 | % Rec | QC<br>Limits |
|------------|---------------|----------------------|-------|--------------|
| Aluminum   |               |                      |       |              |
| Antimony   |               |                      |       |              |
| Barium     |               |                      |       |              |
| Beryllium  |               |                      |       |              |
| Boron      |               |                      |       |              |
| Calcium    |               |                      |       |              |
| Lithium    |               |                      |       |              |
| Lead       | 0.18          | 0.20                 | 90.0  | 85-115       |
| Molybdenum |               |                      |       |              |
| Potassium  |               |                      |       |              |
| Uranium    |               |                      |       |              |

Associated samples MP7348: LA32010-3

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

# SERIAL DILUTION RESULTS SUMMARY

Login Number: LA32010  
 Account: ADEQAZP - Arizona Dept. of Environmental Quality  
 Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7348  
 Matrix Type: DRINKING WATER

Methods: EPA 200.8  
 Units: ug/l

Prep Date: 04/04/17

| Metal      | LA32010-3 |         | %DIF     | QC Limits |
|------------|-----------|---------|----------|-----------|
|            | Original  | SDL 1:5 |          |           |
| Aluminum   |           |         |          |           |
| Antimony   |           |         |          |           |
| Barium     |           |         |          |           |
| Beryllium  |           |         |          |           |
| Boron      |           |         |          |           |
| Calcium    |           |         |          |           |
| Lithium    |           |         |          |           |
| Lead       | 0.183     | 0.149   | 18.3 (a) | 0-10      |
| Molybdenum |           |         |          |           |
| Potassium  |           |         |          |           |
| Uranium    |           |         |          |           |

Associated samples MP7348: LA32010-3

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).