

750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
Tel: (626) 386-1100  
Fax: (866) 988-3757  
1 800 566 LABS (1 800 566 5227)



## Laboratory Report

for

Arizona Department of Environmental Quality  
1110 West Washington Street  
Phoenix, AZ 85007  
Attention: David Burchard

Date of Issue  
06/23/2017



Eurofins Eaton  
Analytical, Inc.

TDF: Thomas.D.French  
Project Manager

Report:668016  
Project:PIMA-UD  
ADHS License #:AZ0778  
Group:Pima Jr.-Sr. HS Confirmation  
PO#:PO#: ADEQ16-116686:3



\* Accredited in accordance with TNI 2009 and ISO/IEC 17025:2005.

\* Laboratory certifies that the test results meet all **TNI 2009 and ISO/IEC 17025:2005** requirements unless noted under the individual analysis.

\* Following the cover page are State Certification List, ISO 17025 Accredited Method List, Acknowledgement of Samples Received, Comments, Hits Report, Data Report, QC Summary, QC Report and Regulatory Forms, as applicable.

\* Test results relate only to the sample(s) tested.

\* This report shall not be reproduced except in full, without the written approval of the laboratory.

## STATE CERTIFICATION LIST

| State                                 | Certification Number | State                                   | Certification Number |
|---------------------------------------|----------------------|---|----------------------|
| Alabama                               | 41060                | Mississippi                             | Certified            |
| Arizona                               | AZ0778               | Montana                                 | Cert 0035            |
| Arkansas                              | Certified            | Nebraska                                | Certified            |
| California-Monrovia-ELAP              | 2813                 | Nevada                                  | CA00006-2016         |
| California-Colton- ELAP               | 2812                 | New Hampshire *                         | 2959                 |
| California-Folsom- ELAP               | 2820                 | New Jersey *                            | CA 008               |
| California-Fresno- ELAP               | 2966                 | New Mexico                              | Certified            |
| Colorado                              | Certified            | New York *                              | 11320                |
| Connecticut                           | PH-0107              | North Carolina                          | 06701                |
| Delaware                              | CA 006               | North Dakota                            | R-009                |
| Florida *                             | E871024              | Oregon (Primary AB) *                   | ORELAP 4034          |
| Georgia                               | 947                  | Pennsylvania *                          | 68-565               |
| Guam                                  | 16-003r              | Puerto Rico                             | Certified            |
| Hawaii                                | Certified            | Rhode Island                            | LAO00326             |
| Idaho                                 | Certified            | South Carolina                          | 87016                |
| Illinois *                            | 200033               | South Dakota                            | Certified            |
| Indiana                               | C-CA-01              | Tennessee                               | TN02839              |
| Kansas *                              | E-10268              | Texas *                                 | T104704230-15-9      |
| Kentucky                              | 90107                | Utah *                                  | CA000062016-10       |
| Louisiana *                           | LA16003              | Vermont                                 | VT0114               |
| Maine                                 | CA0006               | Virginia *                              | 460260               |
| Maryland                              | 224                  | Washington                              | C838                 |
| Commonwealth of Northern Marianas Is. | MP0004               | Wyoming                                 | Certified            |
| Massachusetts                         | M-CA006              | EPA Region 5                            | Certified            |
| Michigan                              | 9906                 | Los Angeles County Sanitation Districts | 10264                |

\* NELAP/TNI Recognized Accreditation Bodies

ISO 17025 Accredited Method List

The tests listed below are accredited and meet the requirements of ISO 17025 as verified by the ANSI-ASQ National Accreditation Board/ANAB.

Refer to Certificate and scope of accreditation (AT 1807) found at: <http://www.eatonanalytical.com>

| SPECIFIC TESTS                             | METHOD OR TECHNIQUE USED   | Environmental (Drinking Water) | Environmental (Waste Water) | Water as a Component of Food and Bev/Bev/ Bottled Water |
|--|----------------------------|--------------------------------|-----------------------------|---|
| 1,4-Dioxane                                | EPA 522                    | x                              |                             | x   |
| 2,3,7,8-TCDD                               | Modified EPA 1613B         | x                              |                             | x   |
| Acrylamide                                 | In House Method (2440)     | x                              |                             | x   |
| Alkalinity                                 | SM 2320B                   | x                              | x                           | x   |
| Ammonia                                    | EPA 350.1                  |                                | x                           | x   |
| Ammonia                                    | SM 4500-NH3 H              |                                | x                           | x   |
| Anions and DBPs by IC                      | EPA 300.0                  | x                              | x                           | x   |
| Anions and DBPs by IC                      | EPA 300.1                  | x                              |                             | x   |
| Asbestos                                   | EPA 100.2                  | x                              | x                           |   |
| Bicarbonate Alkalinity as HCO <sub>3</sub> | SM 2320B                   | x                              | x                           | x   |
| BOD / CBOD                                 | SM 5210B                   |                                | x                           | x   |
| Bromate                                    | In House Method (2447)     | x                              |                             | x   |
| Carbamates                                 | EPA 531.2                  | x                              |                             | x   |
| Carbonate as CO <sub>3</sub>               | SM 2330B                   | x                              | x                           | x   |
| Carbonyls                                  | EPA 556                    | x                              |                             | x   |
| COD  | EPA 410.4 / SM 5220D       |                                | x                           |   |
| Chloramines                                | SM 4500-CL G               | x                              | x                           | x   |
| Chlorinated Acids                          | EPA 515.4                  | x                              |                             | x   |
| Chlorinated Acids                          | EPA 555                    | x                              |                             | x   |
| Chlorine Dioxide                           | SM 4500-CLO <sub>2</sub> D | x                              |                             | x   |
| Chlorine -Total/Free/ Combined Residual    | SM 4500-Cl G               | x                              | x                           | x   |
| Conductivity                               | EPA 120.1                  |                                | x                           |   |
| Conductivity                               | SM 2510B                   | x                              | x                           | x   |
| Corrosivity (Langelier Index)              | SM 2330B                   | x                              |                             | x   |
| Cryptosporidium                            | EPA 1623                   | x                              |                             | x   |
| Cyanide, Amenable                          | SM 4500-CN G               | x                              | x                           |   |
| Cyanide, Free                              | SM 4500CN F                | x                              | x                           | x   |
| Cyanide, Total                             | EPA 335.4                  | x                              | x                           | x   |
| Cyanogen Chloride (screen)                 | In House Method (2470)     | x                              |                             | x   |
| Diquat and Paraquat                        | EPA 549.2                  | x                              |                             | x   |
| DBP/HAA                                    | SM 6251B                   | x                              |                             | x   |
| Dissolved Oxygen                           | SM 4500-O G                |                                | x                           | x   |
| DOC  | SM 5310C                   | x                              |                             | x   |
| E. Coli (MTF/EC+MUG)                       |                            | x                              |                             | x   |
| E. Coli                                    | CFR 141.21(f)(6)(i)        | x                              |                             | x   |
| E. Coli                                    | SM 9223                    |                                | x                           |   |
| E. Coli (Enumeration)                      | SM 9221B.1/ SM 9221F       | x                              |                             | x   |
| E. Coli (Enumeration)                      | SM 9223B                   | x                              |                             | x   |
| EDB/DCBP                                   | EPA 504.1                  | x                              |                             |   |
| EDB/DBCP and DBP                           | EPA 551.1                  | x                              |                             | x   |
| EDTA and NTA                               | In House Method (2454)     | x                              |                             | x   |
| Endothall                                  | EPA 548.1                  | x                              |                             | x   |
| Endothall                                  | In-house Method (2445)     | x                              |                             | x   |
| Enterococci                                | SM 9230B                   | x                              | x                           |   |
| Fecal Coliform                             | SM 9221 E (MTF/EC)         | x                              |                             |   |
| Fecal Coliform                             | SM 9221C, E (MTF/EC)       |                                | x                           |   |
| Fecal Coliform (Enumeration)               | SM 9221E (MTF/EC)          | x                              |                             | x   |
| Fecal Coliform with Chlorine Present       | SM 9221E                   |                                | x                           |   |
| Fecal Streptococci                         | SM 9230B                   | x                              | x                           |   |
| Fluoride                                   | SM 4500-F C                | x                              | x                           | x   |
| Giardia                                    | EPA 1623                   | x                              |                             | x   |
| Glyphosate                                 | EPA 547                    | x                              |                             | x   |
| Gross Alpha/Beta                           | EPA 900.0                  | x                              | x                           | x   |
| Gross Alpha Coprecipitation                | SM 7110 C                  | x                              | x                           | x   |
| Hardness                                   | SM 2340B                   | x                              | x                           | x   |
| Heterotrophic Bacteria                     | In House Method (2439)     | x                              |                             | x   |
| Heterotrophic Bacteria                     | SM 9215 B                  | x                              |                             | x   |
| Hexavalent Chromium                        | EPA 218.6                  | x                              | x                           | x   |

| SPECIFIC TESTS                                | METHOD OR TECHNIQUE USED                   | Environmental (Drinking Water) | Environmental (Waste Water) | Water as a Component of Food and Bev/Bev/ Bottled Water |
|---|--|--------------------------------|-----------------------------|---|
| Hexavalent Chromium                           | EPA 218.7                                  | x                              |                             | x   |
| Hexavalent Chromium                           | SM 3500-Cr B                               |                                | x                           |   |
| Hormones                                      | EPA 539                                    | x                              |                             | x   |
| Hydroxide as OH Calc.                         | SM 2330B                                   | x                              |                             | x   |
| Kjeldahl Nitrogen                             | EPA 351.2                                  |                                | x                           |   |
| Legionella                                    | CDC Legionella                             | x                              |                             | x   |
| Mercury                                       | EPA 245.1                                  | x                              | x                           | x   |
| Metals  | EPA 200.7 / 200.8                          | x                              | x                           | x   |
| Microcystin LR                                | ELISA (2360)                               | x                              |                             | x   |
| NDMA  | EPA 521                                    | x                              |                             | x   |
| NDMA  | TQ In house method based on EPA 521 (2425) | x                              |                             | x   |
| Nitrate/Nitrite Nitrogen                      | EPA 353.2                                  | x                              | x                           | x   |
| OCL, Pesticides/PCB                           | EPA 505                                    | x                              |                             | x   |
| Ortho Phosphate                               | EPA 365.1                                  | x                              | x                           | x   |
| Ortho Phosphate                               | SM 4500P E                                 |                                |                             | x   |
| Ortho Phosphorous                             | SM 4500P E                                 | x                              |                             |   |
| Oxyhalides Disinfection Byproducts            | EPA 317.0                                  | x                              |                             | x   |
| Perchlorate                                   | EPA 331.0                                  | x                              |                             | x   |
| Perchlorate (low and high)                    | EPA 314.0                                  | x                              |                             | x   |
| Perfluorinated Alkyl Acids                    | EPA 537                                    | x                              |                             | x   |
| pH  | EPA 150.1                                  | x                              |                             |   |
| pH  | SM 4500-H+B                                | x                              | x                           | x   |
| Phenylurea Pesticides/ Herbicides             | In House Method, based on EPA 532 (2448)   | x                              |                             | x   |
| Pseudomonas                                   | IDEXX Pseudalert (2461)                    | x                              |                             | x   |
| Radium-226                                    | GA Institute of Tech                       | x                              |                             | x   |
| Radium-228                                    | GA Institute of Tech                       | x                              |                             | x   |
| Radon-222                                     | SM 7500RN                                  | x                              |                             | x   |
| Residue, Filterable                           | SM 2540C                                   | x                              | x                           | x   |
| Residue, Non-filterable                       | SM 2540D                                   |                                | x                           |   |
| Residue, Total                                | SM 2540B                                   |                                | x                           | x   |
| Residue, Volatile                             | EPA 160.4                                  |                                | x                           |   |
| Semi-VOC                                      | EPA 525.2                                  | x                              |                             | x   |
| Semi-VOC                                      | EPA 625                                    |                                | x                           | x   |
| Silica  | SM 4500-Si D                               | x                              | x                           |   |
| Silica  | SM 4500-SiO <sub>2</sub> C                 | x                              | x                           |   |
| Sulfide                                       | SM 4500-S <sup>-</sup> D                   |                                | x                           |   |
| Sulfite                                       | SM 4500-SO <sub>3</sub> B                  | x                              | x                           | x   |
| Surfactants                                   | SM 5540C                                   | x                              | x                           | x   |
| Taste and Odor Analytes                       | SM 6040E                                   | x                              |                             | x   |
| Total Coliform (P/A)                          | SM 9221 A, B                               | x                              |                             | x   |
| Total Coliform (Enumeration)                  | SM 9221 A, B, C                            | x                              |                             | x   |
| Total Coliform / E. coli                      | Colisure SM 9223                           | x                              |                             | x   |
| Total Coliform                                | SM 9221B                                   |                                | x                           |   |
| Total Coliform with Chlorine Present          | SM 9221B                                   |                                | x                           |   |
| Total Coliform / E.coli (P/A and Enumeration) | SM 9223                                    | x                              |                             | x   |
| TOC   | SM 5310C                                   | x                              | x                           | x   |
| TOX   | SM 5320B                                   |                                | x                           |   |
| Total Phenols                                 | EPA 420.1                                  |                                | x                           |   |
| Total Phenols                                 | EPA 420.4                                  | x                              | x                           | x   |
| Total Phosphorous                             | SM 4500 P E                                |                                | x                           |   |
| Turbidity                                     | EPA 180.1                                  | x                              | x                           | x   |
| Turbidity                                     | SM 2130B                                   | x                              | x                           |   |
| Uranium by ICP/MS                             | EPA 200.8                                  | x                              |                             | x   |
| UV 254  | SM 5910B                                   | x                              |                             |   |
| VOC   | EPA 524.2/EPA 524.3                        | x                              |                             | x   |
| VOC   | EPA 624                                    |                                | x                           | x   |
| VOC   | EPA SW 846 8260                            | x                              |                             | x   |
| VOC   | In House Method (2411)                     | x                              |                             | x   |
| Yeast and Mold                                | SM 9610                                    | x                              |                             | x   |

## Acknowledgement of Samples Received

Addr: **Arizona Department of Environmental Quality**  
1110 West Washington Street  
Phoenix, AZ 85007

Attn: David Burchard  
Phone: (602) 771-4298

Client ID: ADEQ-LEAD  
Folder #: 668016  
Project: PIMA-UD  
Sample Group: Pima Jr.-Sr. HS Confirmation

Project Manager: Thomas.D.French  
Phone: (480) 778-1558  
PO #: ADEQ16-116686:3  
Sampler: Vince Price

The following samples were received from you on **June 21, 2017 at 1615**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using Eurofins Eaton Analytical, Inc..

| Sample #            | Sample ID   | Sample Date                              |
|---------------------|---|--|
| <u>201706210936</u> | <b>1 Confirmation - First Draw</b>  | <b>06/13/2017 0505</b>                   |
|                     | Sample Type: Drinking Fountain<br>Facility ID: Multipurpose<br>Sample Point ID: Out Front |  |
|                     | @ICPMS  | Freight - Return      Freight - Outbound |
| <u>201706210937</u> | <b>2 Confirmation - Flush</b>   | <b>06/13/2017 0507</b>                   |
|                     | Sample Type: Drinking Fountain<br>Facility ID: Multipurpose<br>Sample Point ID: Out Front |  |
|                     | @ICPMS  |  |
| <u>201706210938</u> | <b>3 Confirmation First Draw Day 2</b>  | <b>06/14/2017 0500</b>                   |
|                     | Sample Type: Drinking Fountain<br>Facility ID: Multipurpose<br>Sample Point ID: Out Front |  |
|                     | @ICPMS  |  |

## Test Description

@ICPMS -- ICPMS Metals  
@ICPMS -- ICPMS Metals

### Lead In Schools Confirmation Sampling Log

**School District:** Pima Unified District

**School Name:** Pima Junior/Senior High School

**Building Name/Number/Year Built:** Multipurpose

Sample Collector Name and Phone Number:

[illegible]

These samples were collected for screening purposes only and are not to be used for compliance determinations

For relinquishing samples upon delivery to labs only

|                                |             |
|--------------------------------|-------------|
| DATE RELINQUISHED:             | 6-13-17     |
| RELINQUISHING AGENT SIGNATURE: | Vince Pucci |
| SIGNATORY NAME PRINTED:        | Vince Pucci |

For Lab Use Only

ANALYZE THIS DRINKING WATER SAMPLE FOR LEAD

|                             |             |
|-----------------------------|-------------|
| DATE LAB RECEIVED:          | 06/21/17    |
| TIME LAB RECEIVED:          | 1615        |
| LAB SIGNATURE:              | [Signature] |
| LAB SIGNATORY NAME PRINTED: |             |
| NOTES:                      |             |

750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
(626) 386-1100 FAX (626) 386-1101

Kit #: 172366



Created By: Thomas.D.French - [TDF]  
Deliver By: 06/07/2017

STG: Bottle Orders

Ice Type: W

**Note: Sampler Please return this paper with your samples**

Client ID: ADEQ-LEAD

Project Code: PIMA-UD Bottle Orders

Group Name: Pima Jr.-Sr. HS Confirmation

PO#JOB#: ADEQ16-116686:3

**Ship Sample Kits to**  
Pima Unified District  
192 East 200 South  
Pima, AZ 85543

Attr: J. Roberts  
Phone: (928) 387-8003

**Send Report to**  
Arizona Department of Environmental  
Quality  
1110 West Washington Street  
Phoenix, AZ 85007

Attr: David Burchard  
Phone: (602) 771-4298

**Billing Address**  
Arizona Department of Environmental  
Quality  
1110 West Washington Street  
Phoenix, AZ 85007

Attr: ADEQ  
Phone: (602) 771-1936

# of

Sample Tests

Bottle Qty - Type [ preservative information ] UN DOT #

1 @ICPMS

1 - 1 L Wide Mouth Plastic [ no preservative ]

2 @ICPMS

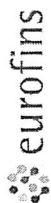
1 - 250 ml widemouth poly [ no preservative ]

**Comments**

Pima Jr. Sr. High School - Confirmation Sampling- Include Pima Unified District School-Specific Sample Log & Confirmation Sample Instructions. Packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016.

Return Shipment Standard Overnight

Sampler - please refer to Sample Instructions for specific instructions on completing paperwork and what to include with return shipment of the samples. Include a copy of this record also.



Eaton Analytical

## INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

668016

SAMPLE TEMP RECEIVED:

SAMPLES REC'D DAY OF COLLECTION?

IR Gun ID =

461A

(Observation = 28.0 °C)

(Corr.Factor = -0.2 °C) (Final = 27.8 °C)

TYPE OF ICE: Real

Synthetic

No Ice

X

CONDITION OF ICE: Frozen

Partially Frozen

Thawed

N/A

METHOD OF SHIPMENT: Pick-Up / Walk-In / FedEx / UPS / DHL / Area Fast / Top Line / Other:

Compliance Acceptance Criteria:

- 1) Chemistry: >0, ≤6°C, not frozen (NELAP) (if received after 24 hrs of sample collection)
- 2) Microbiology, Distribution: < 10°C, not frozen (can be ≥10°C if received on ice the same day as sample collection, within 8 hours)
- 3) Microbiology, Surface Water: < 10°C (if received after 2 hours of sample collection)

If out of temperature range for both Chemistry and Microbiology samples and temperature does not confirm, then measure the temperature of each quadrant and record each temperature of the quadrants

|  |  |
|--|--|
| 1 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C) | 2 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C) |
| 3 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C) | 4 = (Observation = _____ °C) (Corr.Factor = _____ °C) (Final = _____ °C) |

- 4) UCMR3 : 524.3: (Observation = \_\_\_\_\_ °C) (Corr.Factor = \_\_\_\_\_ °C) (Final = \_\_\_\_\_ °C) (non-GLEC)  
522: (Observation = \_\_\_\_\_ °C) (Corr.Factor = \_\_\_\_\_ °C) (Final = \_\_\_\_\_ °C)

≤ 10°C if received within 48 hours of sample collection (not the same business day); ≤ 6°C if received after 48 hours of sample collection. Measure temperature for each method above.

- 5) LT2: Giardia /Cryptosporidium: <20 °C, not frozen (received after 8 hours of sample collection )

E. Coli: < 10°C, not frozen (if received after 2 hours of sample collection)

Giardia/Crypto: (Observation = \_\_\_\_\_ °C) (Corr.Factor = \_\_\_\_\_ °C) (Final = \_\_\_\_\_ °C)

E.Coli: (Observation = \_\_\_\_\_ °C) (Corr.Factor = \_\_\_\_\_ °C) (Final = \_\_\_\_\_ °C)

- 6) Dioxin (1613 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)

Note: If samples are out of temperature range, let the ASMs know. ASMs will determine whether to proceed with analysis or not.

|              |           |                |                           |          |      |
|--------------|-----------|----------------|---------------------------|----------|------|
| RECEIVED BY: | SIGNATURE | PRINT NAME     | COMPANY/TITLE             | DATE     | TIME |
|              |           | Jenny Gonzalez | Eurofins Eaton Analytical | 06/21/17 | 1615 |

Tel: (626) 386-1100  
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**Laboratory Comments**

**Report:** 668016  
**Project:** PIMA-UD  
**Group:** Pima Jr.-Sr. HS Confirmation

Arizona Department of Environmental Quality  
David Burchard  
1110 West Washington Street  
Phoenix, AZ 85007

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**Project:** PIMA-UD  
**Group:** Pima Jr.-Sr. HS Confirmation

**Arizona Department of Environmental Quality**  
David Burchard  
1110 West Washington Street  
Phoenix, AZ 85007

Samples Received on:  
06/21/2017 1615

| Analyzed | Analyte | Sample ID | Result | Federal MCL | Units | MRL |
|----------|---------|-----------|--------|-------------|-------|-----|
|----------|---------|-----------|--------|-------------|-------|-----|

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Laboratory Data

**Report:** 668016  
**Project:** PIMA-UD  
**Group:** Pima Jr.-Sr. HS Confirmation

**Arizona Department of Environmental Quality**  
David Burchard  
1110 West Washington Street  
Phoenix, AZ 85007

Samples Received on:  
06/21/2017 1615

| Prepped   | Analyzed       | Prep Batch | Analytical Batch | Method      | Analyte            | Result                            | Units | MRL | Dilution |
|---|----------------|------------|------------------|-------------|--------------------|-----------------------------------|-------|-----|----------|
| <b>1 Confirmation - First Draw (201706210936)</b>     |                |            |                  |             |                    | <b>Sampled on 06/13/2017 0505</b> |       |     |          |
| Sample Type: Drinking Fountain                        |                |            |                  |             |                    |                                   |       |     |          |
| Facility ID: Multipurpose                             |                |            |                  |             |                    |                                   |       |     |          |
| Sample Point ID: Out Front                            |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>                       |                |            |                  |             |                    |                                   |       |     |          |
| 06/22/17  | 06/22/17 18:14 | 1005257    | 1005341          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>2 Confirmation - Flush (201706210937)</b>          |                |            |                  |             |                    | <b>Sampled on 06/13/2017 0507</b> |       |     |          |
| Sample Type: Drinking Fountain                        |                |            |                  |             |                    |                                   |       |     |          |
| Facility ID: Multipurpose                             |                |            |                  |             |                    |                                   |       |     |          |
| Sample Point ID: Out Front                            |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>                       |                |            |                  |             |                    |                                   |       |     |          |
| 06/22/17  | 06/22/17 18:19 | 1005257    | 1005342          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>3 Confirmation First Draw Day 2 (201706210938)</b> |                |            |                  |             |                    | <b>Sampled on 06/14/2017 0500</b> |       |     |          |
| Sample Type: Drinking Fountain                        |                |            |                  |             |                    |                                   |       |     |          |
| Facility ID: Multipurpose                             |                |            |                  |             |                    |                                   |       |     |          |
| Sample Point ID: Out Front                            |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>                       |                |            |                  |             |                    |                                   |       |     |          |
| 06/22/17  | 06/22/17 18:24 | 1005257    | 1005342          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |

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**Laboratory QC Summary**

**Report:** 668016  
**Project:** PIMA-UD  
**Group:** Pima Jr.-Sr. HS Confirmation

Arizona Department of Environmental Quality

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**ICPMS Metals**

**Prep Batch: 1005257 Analytical Batch: 1005341**

201706210936 1 Confirmation - First Draw

**Analysis Date: 06/22/2017**

Analyzed by: AZS

**ICPMS Metals**

**Prep Batch: 1005257 Analytical Batch: 1005342**

201706210937 2 Confirmation - Flush

201706210938 3 Confirmation First Draw Day 2

**Analysis Date: 06/22/2017**

Analyzed by: AZS

Analyzed by: AZS

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**Report:** 668016  
**Project:** PIMA-UD  
**Group:** Pima Jr.-Sr. HS Confirmation

Arizona Department of Environmental Quality

| QC Type                          | Analyte            | Native | Spiked | Recovered | Units                            | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|----------------------------------|--------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| <b>ICPMS Metals by EPA 200.8</b> |                    |        |        |           |                                  |           |            |              |      |
| <b>Analytical Batch: 1005341</b> |                    |        |        |           | <b>Analysis Date: 06/22/2017</b> |           |            |              |      |
| LCS1                             | Lead Total ICAP/MS |        | 20     | 19.5      | ug/L                             | 98        | (85-115)   |              |      |
| LCS2                             | Lead Total ICAP/MS |        | 20     | 19.7      | ug/L                             | 99        | (85-115)   | 20           | 1.0  |
| MBLK                             | Lead Total ICAP/MS |        |        | <0.25     | ug/L                             |           |            |              |      |
| MRL_CHK                          | Lead Total ICAP/MS |        | 0.5    | 0.519     | ug/L                             | 104       | (50-150)   |              |      |
| MS_201706210718                  | Lead Total ICAP/MS | ND     | 20     | 21.9      | ug/L                             | 109       | (70-130)   |              |      |
| MS2_201706210722                 | Lead Total ICAP/MS | ND     | 20     | 22.9      | ug/L                             | 114       | (70-130)   |              |      |
| MSD_201706210718                 | Lead Total ICAP/MS | ND     | 20     | 21.7      | ug/L                             | 108       | (70-130)   | 20           | 0.92 |
| MSD2_201706210722                | Lead Total ICAP/MS | ND     | 20     | 22.0      | ug/L                             | 110       | (70-130)   | 20           | 4.0  |
| <b>ICPMS Metals by EPA 200.8</b> |                    |        |        |           |                                  |           |            |              |      |
| <b>Analytical Batch: 1005342</b> |                    |        |        |           | <b>Analysis Date: 06/22/2017</b> |           |            |              |      |
| LCS1                             | Lead Total ICAP/MS |        | 20     | 19.4      | ug/L                             | 97        | (85-115)   |              |      |
| LCS2                             | Lead Total ICAP/MS |        | 20     | 19.4      | ug/L                             | 97        | (85-115)   | 20           | 0.0  |
| MBLK                             | Lead Total ICAP/MS |        |        | <0.25     | ug/L                             |           |            |              |      |
| MRL_CHK                          | Lead Total ICAP/MS |        | 0.5    | 0.512     | ug/L                             | 102       | (50-150)   |              |      |
| MS_201706210937                  | Lead Total ICAP/MS | ND     | 20     | 22.0      | ug/L                             | 110       | (70-130)   |              |      |
| MSD_201706210937                 | Lead Total ICAP/MS | ND     | 20     | 21.8      | ug/L                             | 109       | (70-130)   | 20           | 0.91 |

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

RPD not calculated for LCS2 when different a concentration than LCS1 is used.

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

(S) - Indicates surrogate compound.

(I) - Indicates internal standard compound.