

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)



AT-1807

## Laboratory Report

for

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

Date of Issue  
07/06/2017

  
Eurofins Eaton  
Analytical, Inc.

TDF: Thomas.D.French  
Project Manager

Report:670033  
Project:REDMESA-USD  
ADHS License #:AZ0778  
Group:Red Mesa Elementary School  
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/DCBP 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 #: 670033  
Project: REDMESA-USD  
Sample Group: Red Mesa Elementary School

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

The following samples were received from you on **July 03, 2017** at **1251**. 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>201707040132</u> | Sample #1<br>Sample Type: Drinking Fountain<br>Facility ID: Elementary<br>Sample Point ID: Fountain on the westside Wing<br>@ICPMS Freight - Outbound Freight - Return | 06/27/2017 0704 |
| <u>201707040133</u> | Sample #2<br>Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #115<br>@ICPMS   | 06/27/2017 0715 |
| <u>201707040134</u> | Sample #3<br>Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #137<br>@ICPMS   | 06/27/2017 0718 |
| <u>201707040135</u> | Sample #4<br>Sample Type: Drinking Fountain<br>Facility ID: Elementary<br>Sample Point ID: Fountain Middle Wing Hallway<br>@ICPMS                                      | 06/27/2017 0720 |
| <u>201707040136</u> | Sample #5<br>Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Teacher Lounge Fountain<br>@ICPMS  | 06/27/2017 0722 |
| <u>201707040137</u> | Sample #6<br>Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #127<br>@ICPMS   | 06/27/2017 0727 |
| <u>201707040138</u> | Sample #7<br>Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #130<br>@ICPMS   | 06/27/2017 0724 |
| <u>201707040139</u> | Sample #8  | 06/27/2017 0731 |

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Project: REDMESA-USD  
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PO #: ADEQ16-116686:3  
Sampler: Monte Don

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| Sample #     | Sample ID   | Sample Date     |
|--------------|---|-----------------|
|              | Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #134<br>@ICPMS |                 |
| 201707040140 | Sample #9   | 06/27/2017 0733 |
|              | Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #125<br>@ICPMS |                 |
| 201707040141 | Sample #10  | 06/27/2017 0735 |
|              | Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #124<br>@ICPMS |                 |
| 201707040142 | Sample #11  | 06/27/2017 0737 |
|              | Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #118<br>@ICPMS |                 |
| 201707040143 | Sample #12  | 06/27/2017 0739 |
|              | Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #117<br>@ICPMS |                 |
| 201707040144 | Sample #13  | 06/27/2017 0740 |
|              | Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #134<br>@ICPMS |                 |
| 201707040145 | Sample #14  | 06/27/2017 0742 |
|              | Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #136<br>@ICPMS |                 |

### Test Description

@ICPMS -- ICPMS Metals

## Acknowledgement of Samples Received

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1110 West Washington Street  
Phoenix, AZ 85007

Client ID: ADEQ-LEAD  
Folder #: 670033  
Project: REDMESA-USD  
Sample Group: Red Mesa Elementary School

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

Project Manager: Thomas.D.French  
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PO #: ADEQ16-116686:3  
Sampler: Monte Don

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| Sample # | Sample ID | Sample Date |
|----------|-----------|-------------|
|----------|-----------|-------------|

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ADEQ Public School I  
Sampling Plan & Coll

Svcs: GND PPD RMGR  
TRCK: 732498205388

*for experienced sample collectors*

670033

☒ 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

Type of Fixture (tap, drinking fountain etc.)

Location of Fixture (example, room number)

Sample Identification Number (**Write this number on the sample container and on this sheet**)


Date of Collection

Time of Collection

Printed Name of Sample Collector

Signature Sample Collector

Notes Sample collector:

|   |   |
|---|---|
| For Lab use only                            |   |
| Analyze this drinking water sample for lead |   |
| Date and Time Lab received                  | 07/03/17 1251   |
| Signature                                   |  |
| Notes:                                      |   |

Relinquished date and signature

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

## 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  | <i>Red Mesa Unified School District</i> |
| School Name  | <i>Red Mesa Elementary</i>              |
| Building (name/number)   | <i>Elementary</i>                       |
| Type of Fixture (tap, drinking fountain etc.)  | <i>Fountain</i>                         |
| Location of Fixture (example, room number)   | <i>Classroom # 115</i>                  |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <i>Sample #2</i>                        |
| Date of Collection   | <i>6-27-17</i>                          |
| Time of Collection   | <i>7:15 am</i>                          |
| Printed Name of Sample Collector   | <i>Monte Dan</i>                        |
| Signature Sample Collector   | <i>Monte Dan</i>                        |

Notes Sample collector:

|   |                       |
|---|-----------------------|
| For Lab use only                            |                       |
| Analyze this drinking water sample for lead |                       |
| Date and Time Lab received                  | <i>07/03/17 12:59</i> |
| Signature                                   | <i>[Signature]</i>    |
| Notes:                                      |                       |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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



## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

|  |   |
|--|---|
| Name of School District  | <i>Red Mesa Unified School District</i> |
| School Name  | <i>Red Mesa Elementary</i>              |
| Building (name/number)   | <i>Elementary</i>                       |
| Type of Fixture (tap, drinking fountain etc.)  | <i>Fountain</i>                         |
| Location of Fixture (example, room number)   | <i>Classroom #137</i>                   |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <i>Sample # 3</i>                       |
| Date of Collection   | <i>6-27-17</i>                          |
| Time of Collection   | <i>7:18 am</i>                          |
| Printed Name of Sample Collector   | <i>Monte Dan</i>                        |
| Signature Sample Collector   | <i>Monte Dan</i>                        |

Notes Sample collector:

| For Lab use only                            |                      |
|---|----------------------|
| Analyze this drinking water sample for lead |                      |
| Date and Time Lab received                  | <i>07/03/17 1251</i> |
| Signature                                   | <i>[Signature]</i>   |
| Notes:                                      |                      |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

|  |   |
|--|---|
| Name of School District  | <i>Red Mesa School District</i>                   |
| School Name  | <i>Red Mesa Elementary</i>                        |
| Building (name/number)   | <i>Elementary</i>                                 |
| Type of Fixture (tap, drinking fountain etc.)  | <i>Drinking Fountain</i>                          |
| Location of Fixture (example, room number)   | <i>Fountain in the middle wing of the hallway</i> |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <i>Sample # 4</i>                                 |
| Date of Collection   | <i>6-27-17</i>                                    |
| Time of Collection   | <i>7:20 am</i>                                    |
| Printed Name of Sample Collector   | <i>Wanda Pen</i>                                  |
| Signature Sample Collector   | <i>Wanda Pen</i>                                  |

Notes Sample collector:

| For Lab use only                            |                      |
|---|----------------------|
| Analyze this drinking water sample for lead |                      |
| Date and Time Lab received                  | <i>07/13/17 1251</i> |
| Signature                                   | <i>[Signature]</i>   |
| Notes:                                      |                      |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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

## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

|  |   |
|--|---|
| Name of School District  | <i>Red Mesa Unified School District</i> |
| School Name  | <i>Red Mesa Elementary</i>              |
| Building (name/number)   | <i>Elementary</i>                       |
| Type of Fixture (tap, drinking fountain etc.)  | <i>Fountain</i>                         |
| Location of Fixture (example, room number)   | <i>Teacher Lounge Fountain</i>          |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <i>Sample # 5</i>                       |
| Date of Collection   | <i>6-27-17</i>                          |
| Time of Collection   | <i>7:22 am</i>                          |
| Printed Name of Sample Collector   | <i>Mark Dan</i>                         |
| Signature Sample Collector   | <i>Mark Dan</i>                         |

Notes Sample collector:

|   |                       |
|---|-----------------------|
| For Lab use only                            |                       |
| Analyze this drinking water sample for lead |                       |
| Date and Time Lab received                  | <i>07/03/17 12:51</i> |
| Signature                                   | <i>[Signature]</i>    |
| Notes:                                      |                       |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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

## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that water had not been used at this tap or other taps in the area for 6 hours and no flushing was done prior to sampling

|   |   |
|---|---|
| Name of School District   | <i>Red Mesa Unified School District</i> |
| School Name   | <i>Red Mesa Elementary</i>              |
| Building (name/number)  | <i>Elementary</i>                       |
| Type of Fixture (tap, drinking fountain etc.)   | <i>Fountain</i>                         |
| Location of Fixture (example, room number)  | <i>Classroom #127</i>                   |
| Sample Identification Number ( <b>Write this number on the sample container and on this sheet</b> ) | <i>Sample # 6</i>                       |
| Date of Collection  | <i>6-27-17</i>                          |
| Time of Collection  | <i>7:27 am</i>                          |
| Printed Name of Sample Collector  | <i>Mona Dan</i>                         |
| Signature Sample Collector  | <i>Mona Dan</i>                         |

Notes Sample collector:

| For Lab use only                            |                      |
|---|----------------------|
| Analyze this drinking water sample for lead |                      |
| Date and Time Lab received                  | <i>07/03/17 1251</i> |
| Signature                                   | <i>[Signature]</i>   |
| Notes:                                      |                      |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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

## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

|  |   |
|--|---|
| Name of School District  | <i>Red Mesa Unified School District</i> |
| School Name  | <i>Red Mesa Elementary</i>              |
| Building (name/number)   | <i>Elementary</i>                       |
| Type of Fixture (tap, drinking fountain etc.)  | <i>Fountain</i>                         |
| Location of Fixture (example, room number)   | <i>Classroom # 130</i>                  |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <i>Sample # 7</i>                       |
| Date of Collection   | <i>6-27-17</i>                          |
| Time of Collection   | <i>7:29 am</i>                          |
| Printed Name of Sample Collector   | <i>Marie Dan</i>                        |
| Signature Sample Collector   | <i>Marie Dan</i>                        |

Notes Sample collector:

|   |                      |
|---|----------------------|
| For Lab use only                            |                      |
| Analyze this drinking water sample for lead |                      |
| Date and Time Lab received                  | <i>07/03/17 1251</i> |
| Signature                                   | <i>[Signature]</i>   |
| Notes:                                      |                      |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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

## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

|  |   |
|--|---|
| Name of School District  | <i>Red Mesa Unified School District</i> |
| School Name  | <i>Red Mesa Elementary</i>              |
| Building (name/number)   | <i>Elementary</i>                       |
| Type of Fixture (tap, drinking fountain etc.)  | <i>Fountain</i>                         |
| Location of Fixture (example, room number)   | <i>Classroom # 134</i>                  |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <i>Sample # 8</i>                       |
| Date of Collection   | <i>6-27-17</i>                          |
| Time of Collection   | <i>7:31 am</i>                          |
| Printed Name of Sample Collector   | <i>Monte Dan</i>                        |
| Signature Sample Collector   | <i>Monte Dan</i>                        |

Notes Sample collector:

|   |                      |
|---|----------------------|
| For Lab use only                            |                      |
| Analyze this drinking water sample for lead |                      |
| Date and Time Lab received                  | <i>07/03/17 1251</i> |
| Signature                                   | <i>[Signature]</i>   |
| Notes:                                      |                      |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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

## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

|  |   |
|--|---|
| Name of School District  | <i>Red Mesa Unified School District</i> |
| School Name  | <i>Red Mesa Elementary</i>              |
| Building (name/number)   | <i>Elementary</i>                       |
| Type of Fixture (tap, drinking fountain etc.)  | <i>Fountain</i>                         |
| Location of Fixture (example, room number)   | <i>Classroom # 125</i>                  |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <i>Sample # 9</i>                       |
| Date of Collection   | <i>6-27-17</i>                          |
| Time of Collection   | <i>7:33 am</i>                          |
| Printed Name of Sample Collector   | <i>Marta Diaz</i>                       |
| Signature Sample Collector   | <i>Marta Diaz</i>                       |

Notes Sample collector:

|   |                      |
|---|----------------------|
| For Lab use only                            |                      |
| Analyze this drinking water sample for lead |                      |
| Date and Time Lab received                  | <i>07/03/17 1251</i> |
| Signature                                   | <i>[Signature]</i>   |
| Notes:                                      |                      |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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

## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

|  |   |
|--|---|
| Name of School District  | <u>Red Mesa Unified School District</u> |
| School Name  | <u>Red Mesa Elementary</u>              |
| Building (name/number)   | <u>Elementary</u>                       |
| Type of Fixture (tap, drinking fountain etc.)  | <u>Fountain</u>                         |
| Location of Fixture (example, room number)   | <u>Classroom # 124</u>                  |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <u>Sample # 10</u>                      |
| Date of Collection   | <u>6-27-17</u>                          |
| Time of Collection   | <u>7:35 am</u>                          |
| Printed Name of Sample Collector   | <u>Monte Dan</u>                        |
| Signature Sample Collector   | <u>[Signature]</u>                      |

Notes Sample collector:

| For Lab use only                            |                       |
|---|-----------------------|
| Analyze this drinking water sample for lead |                       |
| Date and Time Lab received                  | <u>07/03/17 12:51</u> |
| Signature                                   | <u>[Signature]</u>    |
| Notes:                                      |                       |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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



## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

|  |   |
|--|---|
| Name of School District  | <i>Red Mesa Unified School District</i> |
| School Name  | <i>Red Mesa Elementary</i>              |
| Building (name/number)   | <i>Elementary</i>                       |
| Type of Fixture (tap, drinking fountain etc.)  | <i>Fountain</i>                         |
| Location of Fixture (example, room number)   | <i>Classroom # 118</i>                  |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <i>Sample # 11</i>                      |
| Date of Collection   | <i>6-27-17</i>                          |
| Time of Collection   | <i>7:37 am</i>                          |
| Printed Name of Sample Collector   | <i>Monte Den</i>                        |
| Signature Sample Collector   | <i>Monte Den</i>                        |

Notes Sample collector:

|   |                      |
|---|----------------------|
| For Lab use only                            |                      |
| Analyze this drinking water sample for lead |                      |
| Date and Time Lab received                  | <i>07/03/17 1251</i> |
| Signature                                   | <i>[Signature]</i>   |
| Notes:                                      |                      |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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

## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

|  |   |
|--|---|
| Name of School District  | <u>Red Mesa Unified School District</u> |
| School Name  | <u>Red Mesa Elementary</u>              |
| Building (name/number)   | <u>Elementary</u>                       |
| Type of Fixture (tap, drinking fountain etc.)  | <u>Fountain</u>                         |
| Location of Fixture (example, room number)   | <u>Classroom # 117</u>                  |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <u>Sample # 12</u>                      |
| Date of Collection   | <u>6-27-17</u>                          |
| Time of Collection   | <u>7:39 am</u>                          |
| Printed Name of Sample Collector   | <u>Mark Dan</u>                         |
| Signature Sample Collector   | <u>Mark Dan</u>                         |

Notes Sample collector:

|   |                      |
|---|----------------------|
| For Lab use only                            |                      |
| Analyze this drinking water sample for lead |                      |
| Date and Time Lab received                  | <u>07/03/17 1251</u> |
| Signature                                   | <u>[Signature]</u>   |
| Notes:                                      |                      |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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

## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

|  |   |
|--|---|
| Name of School District  | <i>Red Mesa Unified School District</i> |
| School Name  | <i>Red Mesa Elementary</i>              |
| Building (name/number)   | <i>Elementary</i>                       |
| Type of Fixture (tap, drinking fountain etc.)  | <i>Fountain</i>                         |
| Location of Fixture (example, room number)   | <i>Classroom # 134</i>                  |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <i>Sample # 13</i>                      |
| Date of Collection   | <i>6-27-17</i>                          |
| Time of Collection   | <i>7:40 am</i>                          |
| Printed Name of Sample Collector   | <i>Maria Dan</i>                        |
| Signature Sample Collector   | <i>Maria Dan</i>                        |

Notes Sample collector:

|   |                       |
|---|-----------------------|
| For Lab use only                            |                       |
| Analyze this drinking water sample for lead |                       |
| Date and Time Lab received                  | <i>07/03/17 12:51</i> |
| Signature                                   | <i>[Signature]</i>    |
| Notes:                                      |                       |

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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

## Collection Log

*for experienced sample collectors*

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

|  |   |
|--|---|
| Name of School District  | <i>Red Mesa Unified School District</i> |
| School Name  | <i>Red Mesa Elementary</i>              |
| Building (name/number)   | <i>Elementary</i>                       |
| Type of Fixture (tap, drinking fountain etc.)  | <i>Fountain</i>                         |
| Location of Fixture (example, room number)   | <i>Classroom # 136</i>                  |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | <i>Sample # 14</i>                      |
| Date of Collection   | <i>6-27-17</i>                          |
| Time of Collection   | <i>7:42 am</i>                          |
| Printed Name of Sample Collector   | <i>Monte Dan</i>                        |
| Signature Sample Collector   | <i>Monte Dan</i>                        |

Notes Sample collector:

|   |                       |
|---|-----------------------|
| For Lab use only                            |                       |
| Analyze this drinking water sample for lead |                       |
| Date and Time Lab received                  | <i>06/03/17 12:51</i> |
| Signature                                   | <i>[Signature]</i>    |
| 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.*

**Kit Order for Arizona Department of Environmental Quality**  
Thomas.D.French is your Eurofins Eaton Analytical Service Manager

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

Kit #: 170305 

**Created By:** Thomas.D.French - [TDF]  
**Deliver By:** 05/17/2017  
**STG:** Bottle Orders  
**Ice Type:** W

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

**Client ID:** ADEQ-LEAD  
**Project Code:** REDMESA-USD Bottle Orders  
**Group Name:** Red Mesa Elementary School  
**PO#JOB#:** ADEQ16-116686:3

**Ship Sample Kits to**  
Red Mesa Unified School District  
Highway 160 MP 448  
Teec Nos Pos, AZ 86514  
  
Attr: Norman Lameman-Facilities  
Director

**Send Report to**  
Arizona Department of Environmental  
Quality  
1110 West Washington Street  
Phoenix, AZ 85007  
  
Attr: David Burchard  
Phone: (602) 771-4298

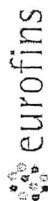
**Billing Address**  
Arizona Department of Environmental  
Quality  
1110 West Washington Street  
Phoenix, AZ 85007  
  
Attr: ADEQ  
Phone: (602) 771-1936

| # of Sample Tests | Bottle Qty - Type [ preservative information ] | UN DOT # |
|-------------------|--|----------|
| 14 @ICPMS         | 1 - 250ml poly [ no preservative ]             |          |

**Comments**

Red Mesa Elementary School - Include Red Mesa Unified School District Sample list, 14 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 14 sample containers. Return Shipment Fed EX

Sampler - please refer to Sampling Plan Records for instructions on completing paperwork and what to include with return shipment of the samples.



Eaton Analytical

# INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

670033

SAMPLE TEMP RECEIVED:

SAMPLES REC'D DAY OF COLLECTION? ☐

IR Gun ID = 582A (Observation = 27.4 °C) (Corr.Factor = 0.4 °C) (Final = 27.0 °C)

TYPE OF ICE: Real ☒ Synthetic ☐ No Ice ☒ 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: | PRINT NAME: Jenny Gonzalez | COMPANY/TITLE: Eurofins Eaton Analytical | DATE: 07/03/17 | TIME: 12:51 |
|--------------|----------------------------|--|----------------|-------------|

TRK# 7324 9820 5388

|                           |                            |      |                |                        |      |        |   |
|---------------------------|----------------------------|------|----------------|------------------------|------|--------|---|
| Red Mesa Unified District | Red Mesa Elementary School | 1001 | E1000          | Maintenance / District | 1974 | Apache | 2 |
| Red Mesa Unified District | Red Mesa Elementary School | 1002 | E20000 (W.1/2) | Special Education      | 1974 | Apache | 2 |
| Red Mesa Unified District | Red Mesa Elementary School | 1003 | E3000          | Fed Programs           | 1974 | Apache | 2 |
| Red Mesa Unified District | Red Mesa Elementary School | 1004 | E4000          | Tech Lab               | 1974 | Apache | 2 |
| Red Mesa Unified District | Red Mesa Elementary School | 1005 | E5000          | Fed Programs           | 1974 | Apache | 2 |
| Red Mesa Unified District | Red Mesa Elementary School | 1006 | J2000          | Office (1/2)           | 1974 | Apache | 2 |
| Red Mesa Unified District | Red Mesa Elementary School | 1007 | Modular Bldg   | Classroom              | 2005 | Apache | 1 |
| Red Mesa Unified District | Red Mesa Elementary School | 1008 | Building E     | Classrooms             | 2003 | Apache | 1 |

**Total Containers**

**14**

Tel: (626) 386-1100  
Fax: (866) 988-3757  
1 800 566 LABS (1 800 566 5227)

**Laboratory Comments**

**Report:** 670033  
**Project:** REDMESA-USD  
**Group:** Red Mesa Elementary School

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

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Tel: (626) 386-1100  
Fax: (866) 988-3757  
1 800 566 LABS (1 800 566 5227)

**Laboratory Hits**

**Report:** 670033  
**Project:** REDMESA-USD  
**Group:** Red Mesa Elementary School

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

Samples Received on:  
07/03/2017 1251

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

Tel: (626) 386-1100  
Fax: (866) 988-3757  
1 800 566 LABS (1 800 566 5227)

**Report:** 670033  
**Project:** REDMESA-USD  
**Group:** Red Mesa Elementary School

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

Samples Received on:  
07/03/2017 1251

| Prepped   | Analyzed       | Prep Batch | Analytical Batch | Method      | Analyte            | Result                            | Units | MRL | Dilution |
|---|----------------|------------|------------------|-------------|--------------------|-----------------------------------|-------|-----|----------|
| <b>Sample #1 (201707040132)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0704</b> |       |     |          |
| Sample Type: Drinking Fountain<br>Facility ID: Elementary<br>Sample Point ID: Fountain on the westside Wing |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17  | 07/05/17 21:24 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #2 (201707040133)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0715</b> |       |     |          |
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #115                         |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17  | 07/05/17 21:26 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #3 (201707040134)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0718</b> |       |     |          |
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #137                         |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17  | 07/05/17 21:27 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #4 (201707040135)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0720</b> |       |     |          |
| Sample Type: Drinking Fountain<br>Facility ID: Elementary<br>Sample Point ID: Fountain Middle Wing Hallway  |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17  | 07/05/17 21:28 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #5 (201707040136)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0722</b> |       |     |          |
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Teacher Lounge Fountain                |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17  | 07/05/17 21:28 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #6 (201707040137)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0727</b> |       |     |          |
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #127                         |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17  | 07/05/17 21:29 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #7 (201707040138)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0724</b> |       |     |          |
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #130                         |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17  | 07/05/17 21:30 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #8 (201707040139)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0731</b> |       |     |          |

Rounding on totals after summation.  
(c) - indicates calculated results

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1 800 566 LABS (1 800 566 5227)

**Report:** 670033  
**Project:** REDMESA-USD  
**Group:** Red Mesa Elementary School

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

Samples Received on:  
07/03/2017 1251

| Prepped  | Analyzed       | Prep Batch | Analytical Batch | Method      | Analyte            | Result                            | Units | MRL | Dilution |
|--|----------------|------------|------------------|-------------|--------------------|-----------------------------------|-------|-----|----------|
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #134<br><b>EPA 200.8 - ICPMS Metals</b> |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17   | 07/05/17 21:31 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #9 (201707040140)</b>  |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0733</b> |       |     |          |
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #125<br><b>EPA 200.8 - ICPMS Metals</b> |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17   | 07/05/17 21:33 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #10 (201707040141)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0735</b> |       |     |          |
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #124<br><b>EPA 200.8 - ICPMS Metals</b> |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17   | 07/05/17 21:36 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #11 (201707040142)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0737</b> |       |     |          |
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #118<br><b>EPA 200.8 - ICPMS Metals</b> |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17   | 07/05/17 21:36 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #12 (201707040143)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0739</b> |       |     |          |
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #117<br><b>EPA 200.8 - ICPMS Metals</b> |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17   | 07/05/17 21:37 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #13 (201707040144)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0740</b> |       |     |          |
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #134<br><b>EPA 200.8 - ICPMS Metals</b> |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17   | 07/05/17 21:38 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Sample #14 (201707040145)</b>   |                |            |                  |             |                    | <b>Sampled on 06/27/2017 0742</b> |       |     |          |
| Sample Type: Fountain<br>Facility ID: Elementary<br>Sample Point ID: Classroom #136<br><b>EPA 200.8 - ICPMS Metals</b> |                |            |                  |             |                    |                                   |       |     |          |
| 07/04/17   | 07/05/17 21:39 | 1007758    | 1008128          | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |

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## Laboratory QC Summary

**Report:** 670033  
**Project:** REDMESA-USD  
**Group:** Red Mesa Elementary School

Arizona Department of Environmental Quality

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## ICPMS Metals

**Prep Batch: 1007758   Analytical Batch: 1008128**

|              |            |
|--------------|------------|
| 201707040132 | Sample #1  |
| 201707040133 | Sample #2  |
| 201707040134 | Sample #3  |
| 201707040135 | Sample #4  |
| 201707040136 | Sample #5  |
| 201707040137 | Sample #6  |
| 201707040138 | Sample #7  |
| 201707040139 | Sample #8  |
| 201707040140 | Sample #9  |
| 201707040141 | Sample #10 |
| 201707040142 | Sample #11 |
| 201707040143 | Sample #12 |
| 201707040144 | Sample #13 |
| 201707040145 | Sample #14 |

**Analysis Date: 07/05/2017**

Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
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| QC Type                          | Analyte            | Native | Spiked | Recovered | Units                            | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|----------------------------------|--------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| <b>ICPMS Metals by EPA 200.8</b> |                    |        |        |           |                                  |           |            |              |      |
| <b>Analytical Batch: 1008128</b> |                    |        |        |           | <b>Analysis Date: 07/05/2017</b> |           |            |              |      |
| LCS1                             | Lead Total ICAP/MS |        | 20     | 19.6      | ug/L                             | 98        | (85-115)   |              |      |
| LCS2                             | Lead Total ICAP/MS |        | 20     | 19.1      | ug/L                             | 96        | (85-115)   | 20           | 2.6  |
| MBLK                             | Lead Total ICAP/MS |        |        | <0.25     | ug/L                             |           |            |              |      |
| MRL_CHK                          | Lead Total ICAP/MS |        | 0.5    | 0.510     | ug/L                             | 102       | (50-150)   |              |      |
| MS_201707040129                  | Lead Total ICAP/MS | 2.2    | 20     | 23.4      | ug/L                             | 106       | (70-130)   |              |      |
| MS2_201707040139                 | Lead Total ICAP/MS | ND     | 20     | 20.5      | ug/L                             | 103       | (70-130)   |              |      |
| MSD_201707040129                 | Lead Total ICAP/MS | 2.2    | 20     | 23.1      | ug/L                             | 104       | (70-130)   | 20           | 1.3  |
| MSD2_201707040139                | Lead Total ICAP/MS | ND     | 20     | 20.2      | ug/L                             | 101       | (70-130)   | 20           | 1.5  |

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.