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## Laboratory Report

for

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

Date of Issue  
03/22/2017



Eurofins Eaton  
Analytical

TDF: Thomas.D.French  
Project Manager



Report: 645594  
Project: CG-USD  
ADHS License #: AZ0778  
Group: Vista Grande High  
PO#: School  
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            |
| -----                                 | -----                | Montana                                 | Cert 0035            |
| Arizona                               | AZ0778               | Nebraska                                | Certified            |
| Arkansas                              | Certified            | Nevada                                  | CA00006-2016         |
| California-Monrovia-ELAP              | 2813                 | New Hampshire *                         | 2959                 |
| California-Colton- ELAP               | 2812                 | New Jersey *                            | CA 008               |
| California-Folsom- ELAP               | 2820                 | New Mexico                              | Certified            |
| California-Fresno- ELAP               | 2966                 | New York *                              | 11320                |
| Colorado                              | Certified            | North Carolina                          | 06701                |
| Connecticut                           | PH-0107              | North Dakota                            | R-009                |
| Delaware                              | CA 006               | Oregon (Primary AB) *                   | ORELAP 4034          |
| Florida *                             | E871024              | Pennsylvania *                          | 68-565               |
| Georgia                               | 947                  | Puerto Rico                             | Certified            |
| Guam                                  | 16-003r              | Rhode Island                            | LAO00326             |
| Hawaii                                | Certified            | South Carolina                          | 87016                |
| Idaho                                 | Certified            | South Dakota                            | Certified            |
| Illinois *                            | 200033               | Tennessee                               | TN02839              |
| Indiana                               | C-CA-01              | Texas *                                 | T104704230-15-9      |
| Kansas *                              | E-10268              | Utah *                                  | CA000062016-10       |
| Kentucky                              | 90107                | Vermont                                 | VT0114               |
| Louisiana *                           | LA16003              | Virginia *                              | 460260               |
| Maine                                 | CA0006               | Washington                              | C838                 |
| Maryland                              | 224                  | -----                                   | -----                |
| Commonwealth of Northern Marianas Is. | MP0004               | -----                                   | -----                |
| 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 #: 645594  
Project: CG-USD  
Sample Group: Vista Grande High School

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

The following samples were received from you on **March 16, 2017** at **1110**. 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.

| Sample #     | Sample ID   | Sample Date        |
|--------------|---|--------------------|
| 201703160873 | #17   | 03/13/2017 0555    |
|              | Sample Type: Drinking Fountain<br>Facility ID: Bld. 1<br>Sample Point ID: 2nd Floor 1257    |                    |
|              | @ICPMS  | Freight - Outbound |
|              |   | Freight - Return   |
| 201703160874 | #18   | 03/13/2017 0600    |
|              | Sample Type: Drinking Fountain<br>Facility ID: Bld. 1<br>Sample Point ID: 1st Floor 1107    |                    |
|              | @ICPMS  |                    |
| 201703160876 | #19   | 03/13/2017 0605    |
|              | Sample Type: Drinking Fountain<br>Facility ID: Bld. 2<br>Sample Point ID: 1st Floor 2031    |                    |
|              | @ICPMS  |                    |
| 201703160877 | #20   | 03/13/2017 0612    |
|              | Sample Type: Drinking Fountain<br>Facility ID: Bld. 3<br>Sample Point ID: Commons           |                    |
|              | @ICPMS  |                    |
| 201703160878 | #21   | 03/13/2017 0615    |
|              | Sample Type: Drinking Fountain<br>Facility ID: Bld. 4<br>Sample Point ID: Large Gym         |                    |
|              | @ICPMS  |                    |
| 201703160879 | #22   | 03/13/2017 0630    |
|              | Sample Type: Drinking Fountain<br>Facility ID: Bld. 6<br>Sample Point ID: Outside Restrooms |                    |
|              | @ICPMS  |                    |
| 201703160880 | #23   | 03/13/2017 0634    |
|              | Sample Type: Drinking Fountain<br>Facility ID: #5<br>Sample Point ID: Outside Restrooms     |                    |
|              | @ICPMS  |                    |

## Test Description

## Acknowledgement of Samples Received

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Phoenix, AZ 85007

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Folder #: 645594  
Project: CG-USD  
Sample Group: Vista Grande High School

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

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The following samples were received from you on **March 16, 2017** at **1110**. 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.

---

| Sample # | Sample ID              | Sample Date |
|----------|------------------------|-------------|
|          | @ICPMS -- ICPMS Metals |             |

## Sample Collection Record

To be completed by the sample collector

645594

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   | CASA GRANDE Unified School Dist. |
| Name of School  | VISTA GRANDE High School         |
| Building (name/number)  | Bld. 1                           |
| Type of Fixture (tap, drinking fountain etc.)                                     | Drinking fountain                |
| Location of Fixture (example, room number)  | 2nd floor 1257                   |
| Sample Identification Number (ensure this number is also on the sample container) | 17                               |
| Date of Collection  | 3-13-17                          |
| Time of Collection  | 5:55 AM                          |
| Name of Sample Collector  | RAY STEPHENS                     |
| Signature Sample Collector  | Ray Stephens                     |

Notes Sample collector:

|   |               |
|---|---------------|
| For Lab use only                            |               |
| Analyze this drinking water sample for lead |               |
| Date and Time Lab received                  | 3-16-17 11:10 |
| Signature                                   | MAV           |
| Notes:<br>23.4 °C                           |               |

For relinquishing samples upon delivery to labs only

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

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

## Sample Collection Record

To be completed by the sample collector

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   | CASA GRANDE Unified School Dist |
| Name of School  | VISTA GRANDE High School        |
| Building (name/number)  | Bld. 1                          |
| Type of Fixture (tap, drinking fountain etc.)                                     | Drinking fountain               |
| Location of Fixture (example, room number)  | 1st floor 1107                  |
| Sample Identification Number (ensure this number is also on the sample container) | # 18                            |
| Date of Collection  | 3-13-17                         |
| Time of Collection  | 6:00 AM                         |
| Name of Sample Collector  | RAY STEPHENS                    |
| Signature Sample Collector  | <i>Ray Stephens</i>             |

Notes Sample collector:

| For Lab use only  |               |
|---|---------------|
| Analyze this drinking water sample for lead                               |               |
| Date and Time Lab received  | 3-16-17 11:10 |
| Signature   | <i>MAN</i>    |
| Notes:<br><div style="text-align: center; font-size: 1.2em;">23.4 c</div> |               |

For relinquishing samples upon delivery to labs only

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

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

|   |                                 |
|---|---------------------------------|
| Name of School District   | CASA GRANDE Unified School Dist |
| Name of School  | VISTA GRANDE High School        |
| Building (name/number)  | Bld. 2                          |
| Type of Fixture (tap, drinking fountain etc.)                                     | Drinking fountain               |
| Location of Fixture (example, room number)  | 1st Floor 2031                  |
| Sample Identification Number (ensure this number is also on the sample container) | #19                             |
| Date of Collection  | 3-13-17                         |
| Time of Collection  | 6:05 AM                         |
| Name of Sample Collector  | RAY STEPHENS                    |
| Signature Sample Collector  | Ray Stephens                    |

Notes Sample collector:

| For Lab use only   |               |
|--|---------------|
| Analyze this drinking water sample for lead                                    |               |
| Date and Time Lab received   | 3-16-17 11:10 |
| Signature  | MAV           |
| Notes:<br><br><div style="text-align: center; font-size: 1.2em;">23.4 °C</div> |               |

For relinquishing samples upon delivery to labs only

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

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

|   |                                  |
|---|----------------------------------|
| Name of School District   | GASA GRANDE Unified School Dist. |
| Name of School  | VISTA GRANDE High School         |
| Building (name/number)  | Bld. 3                           |
| Type of Fixture (tap, drinking fountain etc.)                                     | Drinking fountain                |
| Location of Fixture (example, room number)  | Commons                          |
| Sample Identification Number (ensure this number is also on the sample container) | # 20                             |
| Date of Collection  | 3-13-17                          |
| Time of Collection  | 6:12 AM                          |
| Name of Sample Collector  | RAY STEPHENS                     |
| Signature Sample Collector  | <i>Ray Stephens</i>              |

Notes Sample collector:

| For Lab use only   |               |
|--|---------------|
| Analyze this drinking water sample for lead                                    |               |
| Date and Time Lab received   | 3-16-17 11:10 |
| Signature  | <i>MAV</i>    |
| Notes:<br><br><div style="text-align: center; font-size: 1.2em;">23.4 °C</div> |               |

For relinquishing samples upon delivery to labs only

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

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

|   |                                  |
|---|----------------------------------|
| Name of School District   | CASA GRANDE Unified School Dist. |
| Name of School  | VISTA GRANDE High School         |
| Building (name/number)  | Bld. 4                           |
| Type of Fixture (tap, drinking fountain etc.)                                     | Drinking fountain                |
| Location of Fixture (example, room number)  | LARGE Gym                        |
| Sample Identification Number (ensure this number is also on the sample container) | # 21                             |
| Date of Collection  | 3-13-17                          |
| Time of Collection  | 6:15 AM                          |
| Name of Sample Collector  | RAY STEPHENS                     |
| Signature Sample Collector  | <i>Ray Stephens</i>              |

Notes Sample collector:

| For Lab use only   |               |
|--|---------------|
| Analyze this drinking water sample for lead                                |               |
| Date and Time Lab received   | 3-16-17 11:10 |
| Signature  | <i>MAV</i>    |
| Notes:<br><div style="text-align: center; margin-top: 20px;">23.4 °C</div> |               |

For relinquishing samples upon delivery to labs only

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

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|   |                                  |
|---|----------------------------------|
| Name of School District   | CASA GRANDE Unified School Dist. |
| Name of School  | VISTA GRANDE High School         |
| Building (name/number)  | Bld. 6                           |
| Type of Fixture (tap, drinking fountain etc.)                                     | Drinking Fountain                |
| Location of Fixture (example, room number)  | Outside Restrooms                |
| Sample Identification Number (ensure this number is also on the sample container) | # 22                             |
| Date of Collection  | 3-13-17                          |
| Time of Collection  | 6:30 AM                          |
| Name of Sample Collector  | RAY STEPHENS                     |
| Signature Sample Collector  | <i>Ray Stephens</i>              |

Notes Sample collector:

| For Lab use only                            |               |
|---|---------------|
| Analyze this drinking water sample for lead |               |
| Date and Time Lab received                  | 3-16-17 11:10 |
| Signature                                   | MRV           |
| Notes:                                      |               |
| 23.4 °C                                     |               |

For relinquishing samples upon delivery to labs only

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

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

## Sample Collection Record

To be completed by the sample collector

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   | CASA GRANDE Unified School Dist |
| Name of School  | VISTA GRANDE High School        |
| Building (name/number)  | # 5                             |
| Type of Fixture (tap, drinking fountain etc.)                                     | Drinking fountain               |
| Location of Fixture (example, room number)  | outside Restrooms               |
| Sample Identification Number (ensure this number is also on the sample container) | # 23                            |
| Date of Collection  | 3-13-17                         |
| Time of Collection  | 6:34 AM                         |
| Name of Sample Collector  | RAY STEPHENS                    |
| Signature Sample Collector  | <i>Ray Stephens</i>             |

Notes Sample collector:

| For Lab use only   |               |
|--|---------------|
| Analyze this drinking water sample for lead                                    |               |
| Date and Time Lab received   | 3-16-17 11:10 |
| Signature  | <i>MAV</i>    |
| Notes:<br><br><div style="text-align: center; font-size: 1.2em;">23.4 °C</div> |               |

For relinquishing samples upon delivery to labs only

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

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.



Eaton Analytical

**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 #: 158027



Created By: Thomas.D.French - [TDF]  
Deliver By: 02/02/2017  
STG: Bottle Orders  
Ice Type: W

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

Client ID: ADEQ-LEAD  
Project Code: CG-USD Bottle Orders  
Group Name: Vista Grande High School  
PO#JOB#:

**Ship Sample Kits to**  
Casa Grande Unified School District  
2676 N. Trekeil Road  
Casa Grande, AZ 85122  
  
Attr: Tim Mace  
Phone: (520) 705-1642

**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 # |
|-------------|--------|--|----------|
| 7           | @ICPMS | 1 - 250ml poly [ no preservative ]             |          |

### Comments

Vista Grande High School - Include Casa Grande Unified School District District Sample list, 7 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 7 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.

Code      Status      Date Shipped      Via      Tracking #      # of Coolers      Prepared By

# INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:  

SAMPLES REC'D DAY OF COLLECTION?  

**SAMPLE TEMP RECEIVED:**

IR Gun ID = 3527 (Observation = 236 °C) (Corr. Factor 0.2 °C) (Final = 234 °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 quadrant

|   |   |
|---|---|
| 1 = (Observation = <u>  </u> °C) (Corr. Factor = <u>  </u> °C) (Final = <u>  </u> °C) | 2 = (Observation = <u>  </u> °C) (Corr. Factor = <u>  </u> °C) (Final = <u>  </u> °C) |
| 3 = (Observation = <u>  </u> °C) (Corr. Factor = <u>  </u> °C) (Final = <u>  </u> °C) | 4 = (Observation = <u>  </u> °C) (Corr. Factor = <u>  </u> °C) (Final = <u>  </u> °C) |

- 4) UCMR3: 524.3: (Observation =    °C) (Corr. Factor =    °C) (Final =    °C)
- 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.

- 6) 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 ASMC know. ASMC will determine whether to proceed with analysis or not.

|                                 |                                 |   |                      |                    |
|---------------------------------|---------------------------------|---|----------------------|--------------------|
| RECEIVED BY: <u>[Signature]</u> | PRINT NAME: <u>Fidel Chaves</u> | COMPANY/TITLE: <u>Eurolins Eaton Analytical</u> | DATE: <u>3-14-17</u> | TIME: <u>11:10</u> |
|                                 |                                 |   |                      |                    |

Tel: (626) 386-1100  
Fax: (626) 386-1101  
1 800 566 LABS (1 800 566 5227)

**Laboratory Comments**  
**Report: 645594**

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

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Tel: (626) 386-1100  
Fax: (626) 386-1101  
1 800 566 LABS (1 800 566 5227)

**Laboratory Hits**  
**Report: 645594**

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

Samples Received on:  
03/16/2017 1110

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

**SUMMARY OF POSITIVE DATA ONLY**

Tel: (626) 386-1100  
Fax: (626) 386-1101  
1 800 566 LABS (1 800 566 5227)

Laboratory Data  
Report: 645594

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

Samples Received on:  
03/16/2017 1110

| Prepped   | Analyzed       | Prep Batch | Analytical Batch | Method      | Analyte            | Result                            | Units | MRL | Dilution |
|---|----------------|------------|------------------|-------------|--------------------|-----------------------------------|-------|-----|----------|
| <b>#17 (201703160873)</b>   |                |            |                  |             |                    | <b>Sampled on 03/13/2017 0555</b> |       |     |          |
| Sample Type: Drinking Fountain<br>Facility ID: Bld. 1<br>Sample Point ID: 2nd Floor 1257    |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/17/17  | 03/21/17 12:12 | 979117     | 979808           | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>#18 (201703160874)</b>   |                |            |                  |             |                    | <b>Sampled on 03/13/2017 0600</b> |       |     |          |
| Sample Type: Drinking Fountain<br>Facility ID: Bld. 1<br>Sample Point ID: 1st Floor 1107    |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/17/17  | 03/21/17 12:13 | 979117     | 979808           | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>#19 (201703160876)</b>   |                |            |                  |             |                    | <b>Sampled on 03/13/2017 0605</b> |       |     |          |
| Sample Type: Drinking Fountain<br>Facility ID: Bld. 2<br>Sample Point ID: 1st Floor 2031    |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/17/17  | 03/21/17 12:14 | 979117     | 979808           | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>#20 (201703160877)</b>   |                |            |                  |             |                    | <b>Sampled on 03/13/2017 0612</b> |       |     |          |
| Sample Type: Drinking Fountain<br>Facility ID: Bld. 3<br>Sample Point ID: Commons           |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/17/17  | 03/21/17 12:15 | 979117     | 979808           | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>#21 (201703160878)</b>   |                |            |                  |             |                    | <b>Sampled on 03/13/2017 0615</b> |       |     |          |
| Sample Type: Drinking Fountain<br>Facility ID: Bld. 4<br>Sample Point ID: Large Gym         |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/17/17  | 03/21/17 12:16 | 979117     | 979808           | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>#22 (201703160879)</b>   |                |            |                  |             |                    | <b>Sampled on 03/13/2017 0630</b> |       |     |          |
| Sample Type: Drinking Fountain<br>Facility ID: Bld. 6<br>Sample Point ID: Outside Restrooms |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/17/17  | 03/21/17 12:16 | 979117     | 979808           | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>#23 (201703160880)</b>   |                |            |                  |             |                    | <b>Sampled on 03/13/2017 0634</b> |       |     |          |
| Sample Type: Drinking Fountain<br>Facility ID: #5<br>Sample Point ID: Outside Restrooms     |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/17/17  | 03/21/17 12:17 | 979117     | 979808           | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |

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**ICPMS Metals**

**Prep Batch: 979117 Analytical Batch: 979808**

|              |     |
|--------------|-----|
| 201703160873 | #17 |
| 201703160874 | #18 |
| 201703160876 | #19 |
| 201703160877 | #20 |
| 201703160878 | #21 |
| 201703160879 | #22 |
| 201703160880 | #23 |

**Analysis Date: 03/21/2017**

Analyzed by: RPD  
Analyzed by: RPD  
Analyzed by: RPD  
Analyzed by: RPD  
Analyzed by: RPD  
Analyzed by: RPD  
Analyzed by: RPD

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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: 979808</b>  |                    |        |        |           | <b>Analysis Date: 03/21/2017</b> |           |            |              |      |
| LCS1                             | Lead Total ICAP/MS |        | 20     | 20.6      | ug/L                             | 103       | (85-115)   |              |      |
| LCS2                             | Lead Total ICAP/MS |        | 20     | 20.6      | ug/L                             | 103       | (85-115)   | 20           | 0.0  |
| MBLK                             | Lead Total ICAP/MS |        |        | <0.25     | ug/L                             |           |            |              |      |
| MRL_CHK                          | Lead Total ICAP/MS |        | 0.5    | 0.508     | ug/L                             | 102       | (50-150)   |              |      |
| MS_201703150774                  | Lead Total ICAP/MS | 0.96   | 20     | 22.1      | ug/L                             | 106       | (70-130)   |              |      |
| MS2_201703160857                 | Lead Total ICAP/MS | 1.7    | 20     | 23.4      | ug/L                             | 109       | (70-130)   |              |      |
| MSD_201703150774                 | Lead Total ICAP/MS | 0.96   | 20     | 22.0      | ug/L                             | 105       | (70-130)   | 20           | 0.45 |
| MSD2_201703160857                | Lead Total ICAP/MS | 1.7    | 20     | 23.4      | ug/L                             | 109       | (70-130)   | 20           | 0.43 |

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.