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1 800 566 LABS (1 800 566 5227)



## Laboratory Report

for

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

Date of Issue  
03/17/2017



Eurofins Eaton  
Analytical

TDF: Thomas.D.French  
Project Manager



Report: 644865  
Project: VERNON-ED  
ADHS License #: AZ0778  
Group: Vernon Elementary  
School

\* 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

Client ID: ADEQ-LEAD

Folder #: 644865

Project: VERNON-ED

Sample Group: Vernon Elementary School

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

Project Manager: Thomas.D.French  
Phone: (480) 778-1558  
Sampler: Jessica Wheeler

The following samples were received from you on **March 14, 2017** at **1058**. 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        |
|---------------------|---|--------------------|
| <u>201703140940</u> | Art Portable M1 - 01  | 03/09/2017 0553    |
|                     | Sample Type: Drinking Fountain<br>Facility ID: Art Room Modular 1<br>Sample Point ID: Artroom 151                 |                    |
|                     | @ICPMS  | Freight - Outbound |
|                     |   | Freight - Return   |
| <u>201703140941</u> | Bus Barn - 01   | 03/09/2017 0550    |
|                     | Sample Type: Sink<br>Facility ID: Bas Barn<br>Sample Point ID: Not Provide  |                    |
|                     | @ICPMS  |                    |
| <u>201703140944</u> | Hallway Drinking Fountain - 01  | 03/09/2017 0600    |
|                     | Sample Type: Drinking Fountain<br>Facility ID: Main Building Hallway DF<br>Sample Point ID: Hallway Main Building |                    |
|                     | @ICPMS  |                    |
| <u>201703140945</u> | Womens Restroom 158 - 01  | 03/09/2017 0555    |
|                     | Sample Type: Tap<br>Facility ID: Outside Womens Restroom 158<br>Sample Point ID: Room 158                         |                    |
|                     | @ICPMS  |                    |
| <u>201703140946</u> | Pump House - 01   | 03/09/2017 1245    |
|                     | Sample Type: Fire Sprinkler System<br>Facility ID: Pump House<br>Sample Point ID: Pumphouse                       |                    |
|                     | @ICPMS  |                    |

## Test Description

@ICPMS -- ICPMS Metals

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

## Collection Log

for experienced sample collectors

644865

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   | District #9              |
| School Name   | Vernon Elementary School |
| Building (name/number)  | Artroom modular 1        |
| Type of Fixture (tap, drinking fountain etc.)   | drinking fountain        |
| Location of Fixture (example, room number)  | Artroom 151              |
| Sample Identification Number ( <b>Write this number on the sample container and on this sheet</b> ) | Art portable m1-01       |
| Date of Collection  | 3/9/17                   |
| Time of Collection  | 5:53 A.M                 |
| Printed Name of Sample Collector  | Jessica Wheeler          |
| Signature Sample Collector  | Jessica Wheeler          |

container #000436

Notes Sample collector:

|   |              |
|---|--------------|
| For Lab use only                            |              |
| Analyze this drinking water sample for lead |              |
| Date and Time Lab received                  | 3/14/17 1058 |
| Signature                                   |              |
| Notes:                                      |              |

For relinquishing samples upon delivery to labs only

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

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



## Collection Log

*for experienced sample collectors*

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|  |                           |
|--|---------------------------|
| Name of School District  | District #9               |
| School Name  | Vernon Elementary School  |
| Building (name/number)   | Bus Barn <del>Stack</del> |
| Type of Fixture (tap, drinking fountain etc.)  | Sink                      |
| Location of Fixture (example, room number)   |                           |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) | Bus Barn - 01             |
| Date of Collection   | 3-9-17                    |
| Time of Collection   | 5:50 AM                   |
| Printed Name of Sample Collector   | Jessica Wheeler           |
| Signature Sample Collector   | Jessica Wheeler           |

container # 000435

Notes Sample collector:

| For Lab use only                            |              |
|---|--------------|
| Analyze this drinking water sample for lead |              |
| Date and Time Lab received                  | 3/14/17 1058 |
| Signature                                   | <i>jm</i>    |
| Notes:                                      |              |

For relinquishing samples upon delivery to labs only

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

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## Collection Log

*for experienced sample collectors*

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|   |   |
|---|---|
| Name of School District   | District #9                             |
| School Name   | Vernon Elementary School                |
| Building (name/number)  | Main building Hallway drinking fountain |
| Type of Fixture (tap, drinking fountain etc.)   | drinking fountain                       |
| Location of Fixture (example, room number)  | Hallway main building                   |
| Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> ) | Hallway drinking fountain-01            |
| Date of Collection  | 3/9/17                                  |
| Time of Collection  | 6:00 AM                                 |
| Printed Name of Sample Collector  | Jessica Wheeler                         |
| Signature Sample Collector  | <i>Jessica Wheeler</i>                  |

container # 000365

|                         |  |
|-------------------------|--|
| Notes Sample collector: |  |
|-------------------------|--|

| For Lab use only                            |                    |
|---|--------------------|
| Analyze this drinking water sample for lead |                    |
| Date and Time Lab received                  | 3/14/17 1058       |
| 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*

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|   |                               |
|---|-------------------------------|
| Name of School District   | District #9                   |
| School Name   | Vernon Elementary School      |
| Building (name/number)  | Outside Womens restroom / 158 |
| Type of Fixture (tap, drinking fountain etc.)   | tap                           |
| Location of Fixture (example, room number)  | room 158                      |
| Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> ) | womens restroom 158-01        |
| Date of Collection  | 3/9/17                        |
| Time of Collection  | 5:55 AM                       |
| Printed Name of Sample Collector  | Jessica Wheeler               |
| Signature Sample Collector  | Jessica Wheeler               |

container # 000363

Notes Sample collector: This is from a bathroom sink, there ~~was a~~ is no drinking fountain in this room

|   |               |
|---|---------------|
| For Lab use only                            |               |
| Analyze this drinking water sample for lead |               |
| Date and Time Lab received                  | 3/14/17 10:58 |
| Signature                                   |               |
| Notes:                                      |               |

For relinquishing samples upon delivery to labs only

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

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## Collection Log

*for experienced sample collectors*


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|   |  |
|---|--|
| Name of School District   | Vernon Elementary School                   |
| School Name   | District #9                                |
| Building (name/number)  | Pumphouse                                  |
| Type of Fixture (tap, drinking fountain etc.)   | a valve only used for Firesprinkler system |
| Location of Fixture (example, room number)  | Pumphouse                                  |
| Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> ) | <del>000366</del> Pumphouse - 01           |
| Date of Collection  | 3/8/17                                     |
| Time of Collection  | 12:45                                      |
| Printed Name of Sample Collector  | Jessica Wheeler                            |
| Signature Sample Collector  | Jessica Wheeler                            |

container # 000366

Notes Sample collector: The pumphouse is only used for our fire sprinkler system no water is consumed from this building

| For Lab use only                            |  |
|---|--|
| Analyze this drinking water sample for lead |  |
| Date and Time Lab received                  | 3/14/17 1058   |
| Signature                                   |  |
| Notes:                                      |  |

For relinquishing samples upon delivery to labs only

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

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## Collection Log

*for experienced sample collectors*

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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  | District #9                           |
| School Name  | Vernon Elementary School              |
| Building (name/number)   | Maint <del>room</del> building/Office |
| Type of Fixture (tap, drinking fountain etc.)  |                                       |
| Location of Fixture (example, room number)   | Portable 2                            |
| Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> ) |                                       |
| Date of Collection   |                                       |
| Time of Collection   |                                       |
| Printed Name of Sample Collector   |                                       |
| Signature Sample Collector   |                                       |

|                         |   |
|-------------------------|---|
| Notes Sample collector: | This building has no running water to it. |
|-------------------------|---|

|   |              |
|---|--------------|
| For Lab use only                            |              |
| Analyze this drinking water sample for lead |              |
| Date and Time Lab received                  | 3/14/17 1058 |
| Signature                                   | <i>ju</i>    |
| Notes:                                      |              |

For relinquishing samples upon delivery to labs only

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

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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 #: 160500



Created By: Thomas.D.French - [TDF]  
Deliver By: 03/02/2017

STG: Bottle Orders

Ice Type: W

Client ID: ADEQ-LEAD

~~Project Code: VERNON-ED - Bottle Orders~~

Group Name: Vernon Elementary School

PO#/JOB#:

**Ship Sample Kits to**  
Vernon Elementary District  
90 CRN 3139  
Vernon, AZ 85940  
  
Attn: Dr. Monica Barajas-Superintendent  
Phone: (928) 537-5463

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

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

# of

Sample Tests

6

@ICPMS

Bottle Qty - Type [preservative information]

1 - 250ml poly [no preservative]

UN DOT #

### Comments

~~Vernon Elementary School - Include Vernon Elementary District Sample list, 6 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 6 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

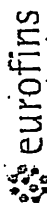
Via

Tracking #

# of Coolers

Prepared By





Eaton Analytical

# INTERNAL CHAIN OF CUSTODY RECORD

IEEA Folder Number:

SAMPLE TEMP RECEIVED:

IR Gun ID = 569A (Observation = 24.0 °C) (Corr. Factor = -0.2 °C) (Final = 23.8 °C)

SAMPLES REC'D DAY OF COLLECTION? ☐

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 = <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: 624.3: (Observation =            °C) (Corr. Factor =            °C) (Final =            °C)  
(non-GLEC) 622: (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 ASME know. ASME will determine whether to proceed with analysis or not.

SIGNATURE

PRINT NAME

COMPANY/TITLE

DATE

TIME

RECEIVED BY:

*Joseph*

Eurofins Eaton Analytical

3/14/17

1058

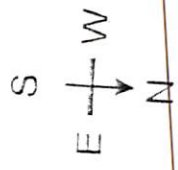
Page      of



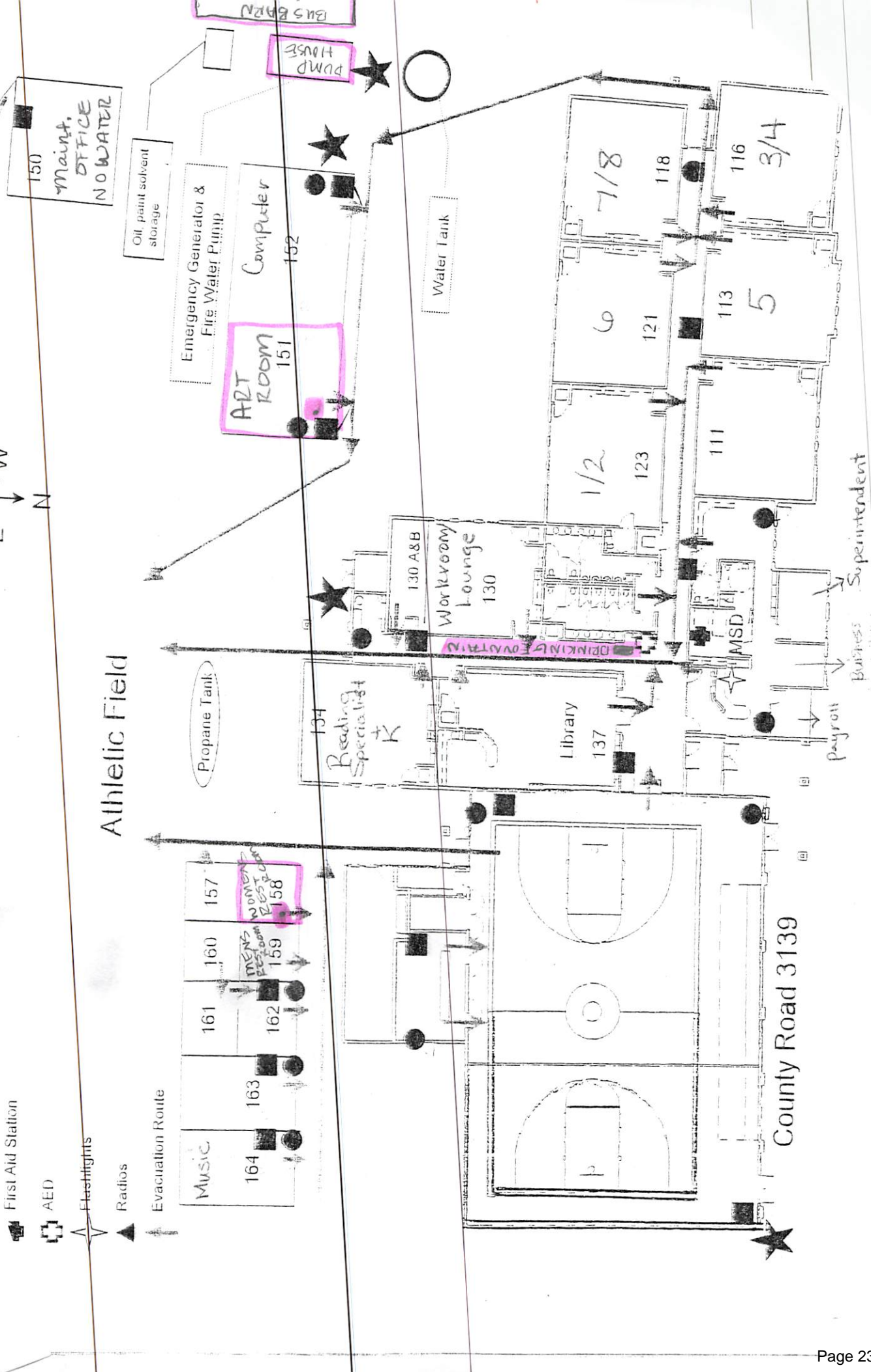
|                            |                          |      |                          |                                |      |            |        |        |        |   |
|----------------------------|--------------------------|------|--------------------------|--------------------------------|------|------------|--------|--------|--------|---|
| Vernon Elementary District | Vernon Elementary School | 1002 | Portable-1 M1 and M2     | Art and Computer Lab           | 1998 | P O Box 89 | Vernon | 85940- | Apache | 1 |
| Vernon Elementary District | Vernon Elementary School | 1003 | Portable-2 (Replaced) M3 | Maintenance Office and Storage | 1988 | P O Box 89 | Vernon | 85940- | Apache | 1 |
| Vernon Elementary District | Vernon Elementary School | 1004 | Main Building            | Classrooms, Gym, Admin         | 2003 | P O Box 89 | Vernon | 85940- | Apache | 1 |
| Vernon Elementary District | Vernon Elementary School | 1005 | Pump house               | Pump house                     | 2003 | P O Box 89 | Vernon | 85940- | Apache | 1 |
| Vernon Elementary District | Vernon Elementary School | 1006 | Bus Barn                 | Bus Offices and Maintenance    | 2009 | P O Box 89 | Vernon | 85940- | Apache | 1 |
| Vernon Elementary District | Vernon Elementary School | 1007 | Restrooms/Janitor Closet | General                        | 2012 | P O Box 89 | Vernon | 85940- | Apache | 1 |
| Total Containers           |                          |      |                          |                                |      |            |        |        |        | 6 |



- usher
- First Aid Station
- AED
- Flashlights
- Radios
- Evacuation Route



# Athletic Field







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

**Laboratory Comments**  
**Report: 644865**

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: 644865

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

Samples Received on:  
03/14/2017 1058

| Analyzed         | Analyte             | Sample ID                              | Result | Federal MCL | Units | MRL |
|------------------|---------------------|--|--------|-------------|-------|-----|
| 03/15/2017 13:44 | <b>201703140940</b> | <b><u>Art Portable M1 - 01</u></b>     |        |             |       |     |
|                  | Lead Total ICAP/MS  |  | 0.66   | 15          | ug/L  | 0.5 |
| 03/15/2017 13:49 | <b>201703140945</b> | <b><u>Womens Restroom 158 - 01</u></b> |        |             |       |     |
|                  | Lead Total ICAP/MS  |  | 1.6    | 15          | ug/L  | 0.5 |
| 03/16/2017 11:40 | <b>201703140946</b> | <b><u>Pump House - 01</u></b>          |        |             |       |     |
|                  | Lead Total ICAP/MS  |  | 440    | 15          | ug/L  | 0.5 |

SUMMARY OF POSITIVE DATA ONLY

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

Laboratory Data  
Report: 644865

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

Samples Received on:  
03/14/2017 1058

| Prepped   | Analyzed       | Prep Batch | Analytical Batch | Method      | Analyte            | Result                            | Units | MRL | Dilution |
|---|----------------|------------|------------------|-------------|--------------------|-----------------------------------|-------|-----|----------|
| <b>Art Portable M1 - 01 (201703140940)</b>  |                |            |                  |             |                    | <b>Sampled on 03/09/2017 0553</b> |       |     |          |
| Sample Type: Drinking Fountain<br>Facility ID: Art Room Modular 1<br>Sample Point ID: Artroom 151                 |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/15/17  | 03/15/17 13:44 | 978195     | 978297           | (EPA 200.8) | Lead Total ICAP/MS | 0.66                              | ug/L  | 0.5 | 1        |
| <b>Bus Barn - 01 (201703140941)</b>   |                |            |                  |             |                    | <b>Sampled on 03/09/2017 0550</b> |       |     |          |
| Sample Type: Sink<br>Facility ID: Bus Barn<br>Sample Point ID: Not Provide  |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/15/17  | 03/15/17 13:47 | 978195     | 978297           | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Hallway Drinking Fountain - 01 (201703140944)</b>  |                |            |                  |             |                    | <b>Sampled on 03/09/2017 0600</b> |       |     |          |
| Sample Type: Drinking Fountain<br>Facility ID: Main Building Hallway DF<br>Sample Point ID: Hallway Main Building |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/15/17  | 03/15/17 13:48 | 978195     | 978297           | (EPA 200.8) | Lead Total ICAP/MS | ND                                | ug/L  | 0.5 | 1        |
| <b>Womens Restroom 158 - 01 (201703140945)</b>  |                |            |                  |             |                    | <b>Sampled on 03/09/2017 0555</b> |       |     |          |
| Sample Type: Tap<br>Facility ID: Outside Womens Restroom 158<br>Sample Point ID: Room 158                         |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/15/17  | 03/15/17 13:49 | 978195     | 978297           | (EPA 200.8) | Lead Total ICAP/MS | 1.6                               | ug/L  | 0.5 | 1        |
| <b>Pump House - 01 (201703140946)</b>   |                |            |                  |             |                    | <b>Sampled on 03/09/2017 1245</b> |       |     |          |
| Sample Type: Fire Sprinkler System<br>Facility ID: Pump House<br>Sample Point ID: Pumphouse                       |                |            |                  |             |                    |                                   |       |     |          |
| <b>EPA 200.8 - ICPMS Metals</b>   |                |            |                  |             |                    |                                   |       |     |          |
| 03/15/17  | 03/16/17 11:40 | 978195     | 978365           | (EPA 200.8) | Lead Total ICAP/MS | 440                               | ug/L  | 0.5 | 1        |

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Arizona Department of Environmental Quality

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**ICPMS Metals**

**Prep Batch: 978195 Analytical Batch: 978297**

|              |                                |
|--------------|--------------------------------|
| 201703140940 | Art Portable M1 - 01           |
| 201703140941 | Bus Barn - 01                  |
| 201703140944 | Hallway Drinking Fountain - 01 |
| 201703140945 | Womens Restroom 158 - 01       |

**Analysis Date: 03/15/2017**

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

**ICPMS Metals**

**Prep Batch: 978195 Analytical Batch: 978365**

|              |                 |
|--------------|-----------------|
| 201703140946 | Pump House - 01 |
|--------------|-----------------|

**Analysis Date: 03/16/2017**

Analyzed by: DTN

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

Arizona Department of Environmental Quality

| QC Type                          | Analyte            | Native | Spiked | Recovered | Units                            | Yield (%) | Limits (%) | RPDLimit (%) | RPD% |
|----------------------------------|--------------------|--------|--------|-----------|----------------------------------|-----------|------------|--------------|------|
| <b>ICPMS Metals by EPA 200.8</b> |                    |        |        |           |                                  |           |            |              |      |
| <b>Analytical Batch: 978297</b>  |                    |        |        |           | <b>Analysis Date: 03/15/2017</b> |           |            |              |      |
| LCS1                             | Lead Total ICAP/MS |        | 20     | 21.0      | ug/L                             | 105       | (85-115)   |              |      |
| LCS2                             | Lead Total ICAP/MS |        | 20     | 20.9      | ug/L                             | 104       | (85-115)   | 20           | 0.48 |
| MBLK                             | Lead Total ICAP/MS |        |        | <0.5      | ug/L                             |           |            |              |      |
| MRL_CHK                          | Lead Total ICAP/MS |        | 0.5    | 0.541     | ug/L                             | 108       | (50-150)   |              |      |
| MS_201703130456                  | Lead Total ICAP/MS | 0.93   | 20     | 22.7      | ug/L                             | 109       | (70-130)   |              |      |
| MS2_201703140724                 | Lead Total ICAP/MS | ND     | 20     | 21.6      | ug/L                             | 108       | (70-130)   |              |      |
| MSD_201703130456                 | Lead Total ICAP/MS | 0.93   | 20     | 23.2      | ug/L                             | 111       | (70-130)   | 20           | 2.2  |
| MSD2_201703140724                | Lead Total ICAP/MS | ND     | 20     | 21.6      | ug/L                             | 108       | (70-130)   | 20           | 0.0  |
| <b>ICPMS Metals by EPA 200.8</b> |                    |        |        |           |                                  |           |            |              |      |
| <b>Analytical Batch: 978365</b>  |                    |        |        |           | <b>Analysis Date: 03/16/2017</b> |           |            |              |      |
| LCS1                             | Lead Total ICAP/MS |        | 20     | 20.6      | ug/L                             | 103       | (85-115)   |              |      |
| LCS2                             | Lead Total ICAP/MS |        | 20     | 20.0      | ug/L                             | 100       | (85-115)   | 20           | 3.0  |
| MBLK                             | Lead Total ICAP/MS |        |        | <0.5      | ug/L                             |           |            |              |      |
| MRL_CHK                          | Lead Total ICAP/MS |        | 0.5    | 0.532     | ug/L                             | 106       | (50-150)   |              |      |
| MS_201703141139                  | Lead Total ICAP/MS | 16     | 20     | 37.9      | ug/L                             | 110       | (70-130)   |              |      |
| MS2_201703141140                 | Lead Total ICAP/MS | 42     | 20     | 61.8      | ug/L                             | 99        | (70-130)   |              |      |
| MSD_201703141139                 | Lead Total ICAP/MS | 16     | 20     | 37.7      | ug/L                             | 108       | (70-130)   | 20           | 0.53 |
| MSD2_201703141140                | Lead Total ICAP/MS | 42     | 20     | 62.4      | ug/L                             | 102       | (70-130)   | 20           | 0.81 |

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.