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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  
02/23/2017



Eurofins Eaton  
Analytical

TDF: Thomas.D.French  
Project Manager



Report: 640147  
Project: DOUGLAS-USD  
ADHS License #: AZ0778  
Group: Ray Borane Middle  
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/DBCP and DBP	EPA 551.1	x		x
EDTA and NTA	In House Method (2454)	x		x
Endothall	EPA 548.1	x		x
Endothall	In-house Method (2445)	x		x
Enterococci	SM 9230B	x	x	
Fecal Coliform	SM 9221 E (MTF/EC)	x		
Fecal Coliform	SM 9221C, E (MTF/EC)		x	
Fecal Coliform (Enumeration)	SM 9221E (MTF/EC)	x		x
Fecal Coliform with Chlorine Present	SM 9221E		x	
Fecal Streptococci	SM 9230B	x	x	
Fluoride	SM 4500-F C	x	x	x
Giardia	EPA 1623	x		x
Glyphosate	EPA 547	x		x
Gross Alpha/Beta	EPA 900.0	x	x	x
Gross Alpha Coprecipitation	SM 7110 C	x	x	x
Hardness	SM 2340B	x	x	x
Heterotrophic Bacteria	In House Method (2439)	x		x
Heterotrophic Bacteria	SM 9215 B	x		x
Hexavalent Chromium	EPA 218.6	x	x	x

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

## Acknowledgement of Samples Received

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

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

Client ID: ADEQ-LEAD  
Folder #: 640147  
Project: DOUGLAS-USD  
Sample Group: Ray Borane Middle School

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

The following samples were received from you on **February 20, 2017** at **1215**. 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>201702200456</u>	1005-030	02/15/2017 0730
	Sample Type: Drinking Fountain Facility ID: MPR 1005 Sample Point ID: By Kitchen Door	
	@ICPMS	Freight - Outbound
		Freight - Return
<u>201702200457</u>	1004-031	02/15/2017 0733
	Sample Type: Tap Facility ID: Modular 1004 Sample Point ID: SW Corner of Modular Room	
	@ICPMS	
<u>201702200458</u>	1001-032	02/15/2017 0735
	Sample Type: Drinking Fountain Facility ID: Main Building Sample Point ID: 2nd Floor Hall	
	@ICPMS	
<u>201702200459</u>	1001-033	02/15/2017 0736
	Sample Type: Drinking Fountain Facility ID: Main Building Sample Point ID: 1st Floor Hall East Drinking F	
	@ICPMS	
<u>201702200460</u>	1002-034	02/15/2017 0738
	Sample Type: Drinking Fountain Facility ID: Gymnasium 1002 Sample Point ID: Gym South West Corner	
	@ICPMS	
<u>201702200461</u>	1002-035	02/15/2017 0740
	Sample Type: Drinking Fountain Facility ID: Gymnasium 1002 Sample Point ID: Basement Main Hall West	
	@ICPMS	
<u>201702200462</u>	1003-036	02/15/2017 0742
	Sample Type: Tap Facility ID: Annex 1003 Sample Point ID: Science Room 31	
	@ICPMS	
<u>201702200463</u>	1003-037	02/15/2017 0743

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Sample #	Sample ID	Sample Date
	Sample Type: Tap Facility ID: Annex 1003 Sample Point ID: Art Room 32 SW Corner @ICPMS	
<u>201702200464</u>	1001-038	02/15/2017 0745
	Sample Type: Tap Facility ID: Main Building 1001 Sample Point ID: Nurse Room @ICPMS	

## Test Description

@ICPMS -- ICPMS Metals

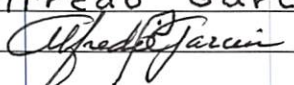
ADEQ Public School Drinking Water Lead Screening Program  
Sampling Plan & Collection Log

## Collection Log


*for experienced sample collectors*

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

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

Name of School District	DOUGLAS UNIFIED School District 27
School Name	RAY BORANE
Building (name/number)	MPR 1005
Type of Fixture (tap, drinking fountain etc.)	DRK. FNT.
Location of Fixture (example, room number)	BY KITCHEN DOOR
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	1005-030
Date of Collection	2-15-2017
Time of Collection	7:30 AM
Printed Name of Sample Collector	Alfredo Garcia
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	2/20/17 12:15
Signature	 YLD
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.*

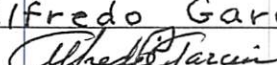
447

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


**Collection Log**  
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Name of School District	DOUGLAS UNIFIED School District 27
School Name	RAY BORANE
Building (name/number)	MODULAR 1004
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	SW CORNER of modular Rm.
Sample Identification Number ( <u>Write the number here and on sample container</u> )	1004 - 031
Date of Collection	2-15-2017
Time of Collection	7:33 AM
Printed Name of Sample Collector	Alfredo Garcia
Signature Sample Collector	

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

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	2/20/17 12:15
Signature	 YLD
Notes:	

For relinquishing samples upon delivery to labs only

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

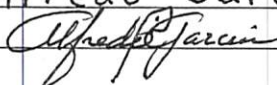
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## Collection Log


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Name of School District	DOUGLAS UNIFIED School District 27
School Name	RAY BORANE
Building (name/number)	MAIN Bldg 1001
Type of Fixture (tap, drinking fountain etc.)	DRK. FNT.
Location of Fixture (example, room number)	2nd FLOOR HALL
Sample Identification Number ( <u>Write the number here and on sample container</u> )	1001 - 032
Date of Collection	2-15-2017
Time of Collection	7:35 AM
Printed Name of Sample Collector	Alfredo Garcia
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	2/20/17 12:15
Signature	 4/2/17
Notes:	

For relinquishing samples upon delivery to labs only

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

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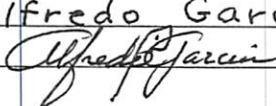
44

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


**Collection Log**  
*for experienced sample collectors*

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Name of School District	DOUGLAS UNIFIED School District 27
School Name	RAY BORANE
Building (name/number)	MAIN Bldg 1001
Type of Fixture (tap, drinking fountain etc.)	DRK. FNT.
Location of Fixture (example, room number)	1 <sup>st</sup> FLOOR MAIN HALL E. DRK. FNT.
Sample Identification Number ( <u>Write the number here and on sample container</u> )	1001-033
Date of Collection	2-15-2017
Time of Collection	7:36 AM
Printed Name of Sample Collector	Alfredo Garcia
Signature Sample Collector	

Notes Sample collector:	
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For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	11/20/17 12:15
Signature	 1001
Notes:	

For relinquishing samples upon delivery to labs only

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

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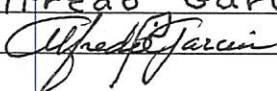
4m

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


**Collection Log**  
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Name of School District	DOUGLAS UNIFIED School District 27
School Name	RAY BORANE
Building (name/number)	GYMNASIUM 1002
Type of Fixture (tap, drinking fountain etc.)	DRK. FNT.
Location of Fixture (example, room number)	GYM SW CORNER
Sample Identification Number ( <u>Write the number here and on sample container</u> )	1002 - 034
Date of Collection	2-15-2017
Time of Collection	7:38 AM.
Printed Name of Sample Collector	Alfredo Garcia
Signature Sample Collector	

Notes Sample collector:	
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For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	2/20/17 12:15
Signature	 4001
Notes:	

For relinquishing samples upon delivery to labs only

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

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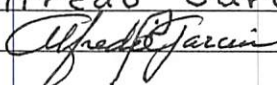
467

## Collection Log

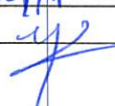
*for experienced sample collectors*

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Name of School District	DOUGLAS UNIFIED School District 27
School Name	RAY BORANE
Building (name/number)	GYMNASIUM 1002
Type of Fixture (tap, drinking fountain etc.)	DRK. FNT.
Location of Fixture (example, room number)	BASEMENT MAIN HALL West
Sample Identification Number ( <u>Write the number here and on sample container</u> )	1002-035
Date of Collection	2-15-2017
Time of Collection	7:40 AM
Printed Name of Sample Collector	Alfredo Garcia
Signature Sample Collector	

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

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	2/20/17 12:15
Signature	 4007
Notes:	

For relinquishing samples upon delivery to labs only

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

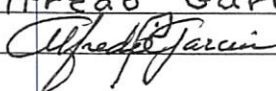
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ADEQ Public School Drinking Water Lead Screening Program  
Sampling Plan & Collection Log


**Collection Log**  
*for experienced sample collectors*

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Name of School District	DOUGLAS UNIFIED School District 27
School Name	RAY BORANE
Building (name/number)	ANNEX 1003
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	Science Rm 31
Sample Identification Number ( <u>Write the number here and on sample container</u> )	1003 - 036
Date of Collection	2-15-2017
Time of Collection	7:42AM.
Printed Name of Sample Collector	Alfredo Garcia
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	2/20/17 12:15
Signature	 4001
Notes:	

For relinquishing samples upon delivery to labs only

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

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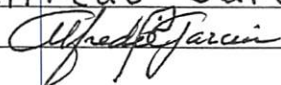
ADEQ Public School Drinking Water Lead Screening Program  
Sampling Plan & Collection Log

# Collection Log

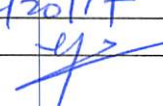
for experienced sample collectors

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Name of School District	DOUGLAS UNIFIED School District 27
School Name	RAY BORANE
Building (name/number)	ANNEX 1003
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	ARTROOM 32 SW. CORNER
Sample Identification Number ( <u>Write the number here and on sample container</u> )	1003 - 037
Date of Collection	2-15-2017
Time of Collection	7:43 AM.
Printed Name of Sample Collector	Alfredo Garcia
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	2/20/17 12:15
Signature	 YH
Notes:	

For relinquishing samples upon delivery to labs only

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

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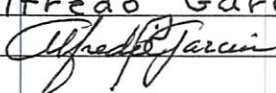
4M

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Sampling Plan & Collection Log


**Collection Log**  
*for experienced sample collectors*

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

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

Name of School District	DOUGLAS UNIFIED School District 27
School Name	RAY BORANE
Building (name/number)	MAIN Bldg 1001
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	NURSE Rm.
Sample Identification Number ( <u>Write the number here and on sample container</u> )	1001-038
Date of Collection	2-15-2017
Time of Collection	7:45 AM.
Printed Name of Sample Collector	Alfredo Garcia
Signature Sample Collector	

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

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	2/20/17 12:15
Signature	 4001
Notes:	

For relinquishing samples upon delivery to labs only

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

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



# Kit Order for Arizona Department of Environmental Quality

Eaton Analytical

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 #: 158131



Created By: Thomas.D.French - [TDF]  
Deliver By: 02/06/2017

STG: Bottle Orders

Ice Type: W

Client ID: ADEQ-LEAD

Project Code: DOUGLAS-USD Bottle Orders

Group Name: Ray Borane Middle School

PO#/JOB#:

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

<b>Ship Sample Kits to</b> Douglas Unified School District #27 1132 E. 12th Street Douglas, AZ 85607  Attn: Cesar B. Soto/Business Mgr. District Facilities Phone: (520) 364-2447
--

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

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

# of

Sample Tests

9

@ICPMS

Bottle Qty - Type [ preservative information ]

1 - 250ml poly [ no preservative ]

UN DOT #

## Comments

Ray Borane Middle School - Include Douglas Unified School District #27 Full Sample list, 9 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 9 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.

0806 S 049 04:39 PR-1D 2602895  
EUROFINS EATON ANALYTICAL  
750 ROYAL OAKS DR  
STE 100  
MONROVIA, CA  
91016-6356-39

**223-6082FL**

ETP:9 2D:MR:100-Y  
720478461329

Code

Status

Date Shipped

Via

Tracking #

# of Coolers

Prepared By



Eaton Analytical

# INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number: \_\_\_\_\_

## SAMPLE TEMP RECEIVED:

IR Gun ID = 3024 (Observation = 18.2 °C) (Corr. Factor -0.2 °C) (Final = 18.0 °C)

TYPE OF ICE: Real \_\_\_\_\_ Synthetic \_\_\_\_\_ No Ice X

CONDITION OF ICE: Frozen \_\_\_\_\_ Partially Frozen \_\_\_\_\_ Thawed \_\_\_\_\_ N/A X

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)

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

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

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

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

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

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

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

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

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

PRINT NAME

COMPANY TITLE

DATE

TIME

RECEIVED BY:

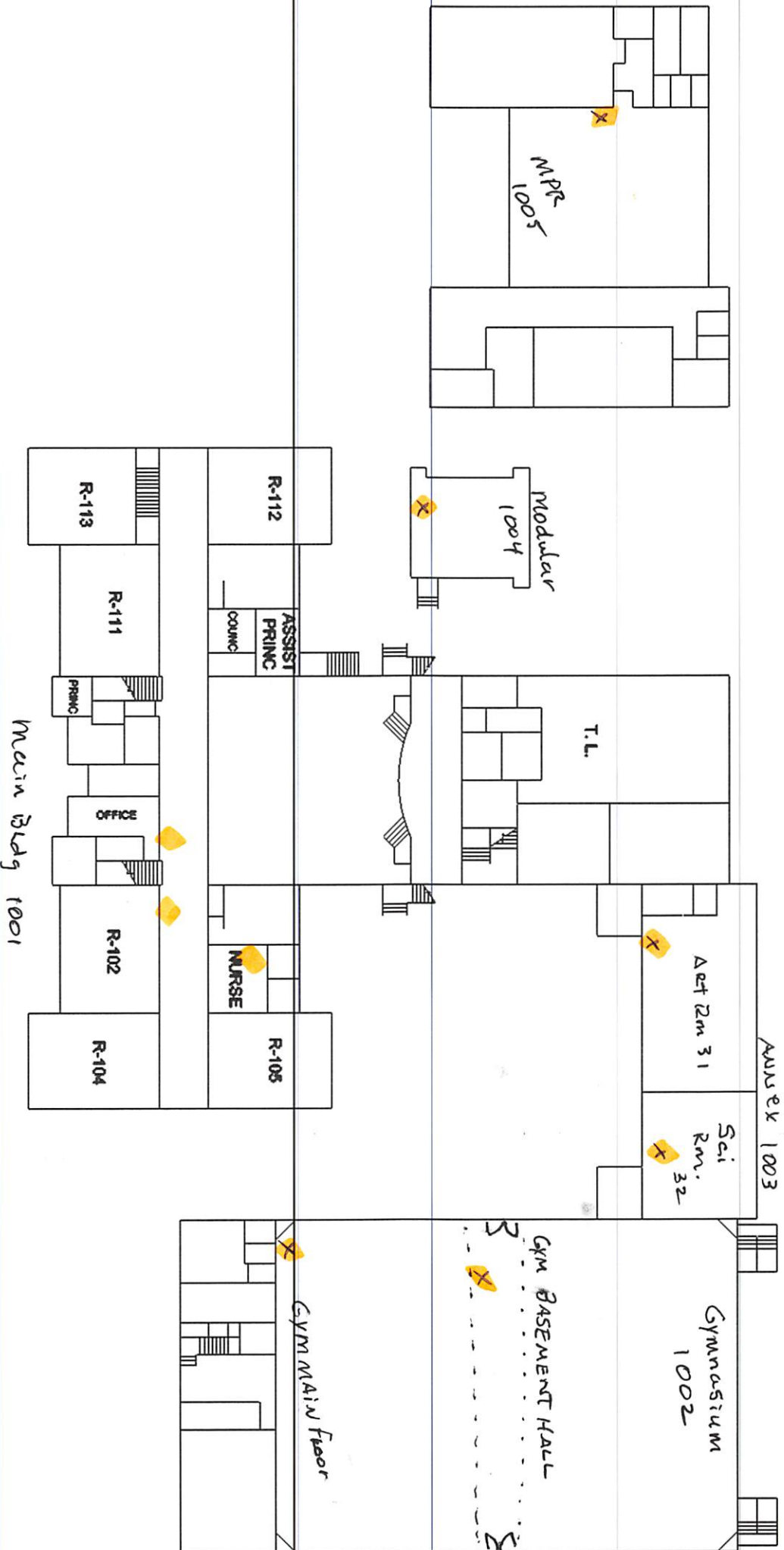
Eurofins Eaton Analytical

2/20/17 12:15

Douglas Unified District	Ray Borane Middle School	1001	Main Building	Admin, Classrooms, Auditorium	1910	P O Box 1237	Douglas	85607-	Cochise	2
Douglas Unified District	Ray Borane Middle School	1002	Gymnasium	Gym & Classrooms	1938	P O Box 1237	Douglas	85607-	Cochise	2
Douglas Unified District	Ray Borane Middle School	1003	Annex	Classrooms	1963	P O Box 1237	Douglas	85607-	Cochise	2
Douglas Unified District	Ray Borane Middle School	1004	Modular	Classroom	1968	P O Box 1237	Douglas	85607-	Cochise	2
Douglas Unified District	Ray Borane Middle School	1005	Multi-purpose	Classrooms & Cafeteria	1995	P O Box 1237	Douglas	85607-	Cochise	1
<b>Total Containers</b>										<b>9</b>

RAY BORANE

840 12th street



FLOOR PLAN

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

**Laboratory Comments**  
**Report: 640147**

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: 640147

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

Samples Received on:  
02/20/2017 1215

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
02/22/2017 18:25	Lead Total ICAP/MS	<b><u>201702200457</u></b> <b><u>1004-031</u></b>	3.1	15	ug/L	0.5
02/22/2017 18:28	Lead Total ICAP/MS	<b><u>201702200458</u></b> <b><u>1001-032</u></b>	0.73	15	ug/L	0.5
02/22/2017 17:38	Lead Total ICAP/MS	<b><u>201702200461</u></b> <b><u>1002-035</u></b>	1.1	15	ug/L	0.5
02/22/2017 18:30	Lead Total ICAP/MS	<b><u>201702200462</u></b> <b><u>1003-036</u></b>	13	15	ug/L	0.5
02/22/2017 18:31	Lead Total ICAP/MS	<b><u>201702200463</u></b> <b><u>1003-037</u></b>	1.5	15	ug/L	0.5
02/22/2017 18:32	Lead Total ICAP/MS	<b><u>201702200464</u></b> <b><u>1001-038</u></b>	0.55	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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

Laboratory Data  
Report: 640147

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

Samples Received on:  
02/20/2017 1215

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
<b>1005-030 (201702200456)</b>						<b>Sampled on 02/15/2017 0730</b>			
Sample Type: Drinking Fountain Facility ID: MPR 1005 Sample Point ID: By Kitchen Door									
<b>EPA 200.8 - ICPMS Metals</b>									
02/21/17	02/22/17 18:24	971986	972332	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1004-031 (201702200457)</b>						<b>Sampled on 02/15/2017 0733</b>			
Sample Type: Tap Facility ID: Modular 1004 Sample Point ID: SW Corner of Modular Room									
<b>EPA 200.8 - ICPMS Metals</b>									
02/21/17	02/22/17 18:25	971986	972332	(EPA 200.8)	Lead Total ICAP/MS	3.1	ug/L	0.5	1
<b>1001-032 (201702200458)</b>						<b>Sampled on 02/15/2017 0735</b>			
Sample Type: Drinking Fountain Facility ID: Main Building Sample Point ID: 2nd Floor Hall									
<b>EPA 200.8 - ICPMS Metals</b>									
02/21/17	02/22/17 18:28	971986	972332	(EPA 200.8)	Lead Total ICAP/MS	0.73	ug/L	0.5	1
<b>1001-033 (201702200459)</b>						<b>Sampled on 02/15/2017 0736</b>			
Sample Type: Drinking Fountain Facility ID: Main Building Sample Point ID: 1st Floor Hall East Drinking F									
<b>EPA 200.8 - ICPMS Metals</b>									
02/21/17	02/22/17 18:28	971986	972332	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1002-034 (201702200460)</b>						<b>Sampled on 02/15/2017 0738</b>			
Sample Type: Drinking Fountain Facility ID: Gymnasium 1002 Sample Point ID: Gym South West Corner									
<b>EPA 200.8 - ICPMS Metals</b>									
02/21/17	02/22/17 18:29	971986	972332	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1002-035 (201702200461)</b>						<b>Sampled on 02/15/2017 0740</b>			
Sample Type: Drinking Fountain Facility ID: Gymnasium 1002 Sample Point ID: Basement Main Hall West									
<b>EPA 200.8 - ICPMS Metals</b>									
02/21/17	02/22/17 17:38	971986	972329	(EPA 200.8)	Lead Total ICAP/MS	1.1	ug/L	0.5	1
<b>1003-036 (201702200462)</b>						<b>Sampled on 02/15/2017 0742</b>			
Sample Type: Tap Facility ID: Annex 1003 Sample Point ID: Science Room 31									
<b>EPA 200.8 - ICPMS Metals</b>									
02/21/17	02/22/17 18:30	971986	972332	(EPA 200.8)	Lead Total ICAP/MS	13	ug/L	0.5	1
<b>1003-037 (201702200463)</b>						<b>Sampled on 02/15/2017 0743</b>			

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

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

**Laboratory Data**  
**Report: 640147**

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

Samples Received on:  
02/20/2017 1215

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Tap									
Facility ID: Annex 1003									
Sample Point ID: Art Room 32 SW Corner									
EPA 200.8 - ICPMS Metals									
02/21/17	02/22/17 18:31	971986	972332	(EPA 200.8)	Lead Total ICAP/MS	1.5	ug/L	0.5	1
1001-038 (201702200464)						Sampled on 02/15/2017 0745			
Sample Type: Tap									
Facility ID: Main Building 1001									
Sample Point ID: Nurse Room									
EPA 200.8 - ICPMS Metals									
02/21/17	02/22/17 18:32	971986	972332	(EPA 200.8)	Lead Total ICAP/MS	0.55	ug/L	0.5	1

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Arizona Department of Environmental Quality

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**ICPMS Metals**

**Prep Batch: 971986 Analytical Batch: 972329**

201702200461                      1002-035

**Analysis Date: 02/22/2017**

Analyzed by: CYP

**ICPMS Metals**

**Prep Batch: 971986 Analytical Batch: 972332**

201702200456                      1005-030  
201702200457                      1004-031  
201702200458                      1001-032  
201702200459                      1001-033  
201702200460                      1002-034  
201702200462                      1003-036  
201702200463                      1003-037  
201702200464                      1001-038

**Analysis Date: 02/22/2017**

Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP  
Analyzed by: CYP

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## 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: 972329</b>					<b>Analysis Date: 02/22/2017</b>				
LCS1	Lead Total ICAP/MS		20	21.0	ug/L	105	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.9	ug/L	105	(85-115)	20	0.48
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.525	ug/L	105	(50-150)		
MS_201702200242	Lead Total ICAP/MS	ND	20	21.8	ug/L	109	(70-130)		
MS2_201702200461	Lead Total ICAP/MS	1.1	20	23.4	ug/L	111	(70-130)		
MSD_201702200242	Lead Total ICAP/MS	ND	20	21.8	ug/L	109	(70-130)	20	0.0
MSD2_201702200461	Lead Total ICAP/MS	1.1	20	23.6	ug/L	112	(70-130)	20	0.85
<b>ICPMS Metals by EPA 200.8</b>									
<b>Analytical Batch: 972332</b>					<b>Analysis Date: 02/22/2017</b>				
LCS1	Lead Total ICAP/MS		20	21.0	ug/L	105	(85-115)		
LCS2	Lead Total ICAP/MS		20	21.3	ug/L	107	(85-115)	20	1.4
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.521	ug/L	104	(50-150)		
MS_201702200446	Lead Total ICAP/MS	ND	20	26.2	ug/L	<b>131</b>	(70-130)		
MS2_201702200464	Lead Total ICAP/MS	0.55	20	22.9	ug/L	112	(70-130)		
MSD_201702200446	Lead Total ICAP/MS	ND	20	25.0	ug/L	125	(70-130)	20	4.7
MSD2_201702200464	Lead Total ICAP/MS	0.55	20	23.0	ug/L	113	(70-130)	20	0.87

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.