

750 Royal Oaks Drive, Suite 100  
Monrovia, California 91016-3629  
Tel: (626) 386-1100  
Fax: (626) 386-1101  
1 800 566 LABS (1 800 566 5227)



AT-1807

## Laboratory Report

for

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

Date of Issue  
03/14/2017



Eurofins Eaton  
Analytical

TDF: Thomas.D.French  
Project Manager



Report: 644348  
Project: NOGALES-USD  
ADHS License #: AZ0778  
Group: A J Mitchell Elementary  
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 HCO3	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 CO3	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-CLO2 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-SiO2 C	x	x	
Sulfide	SM 4500-S <sup>-</sup> D		x	
Sulfite	SM 4500-SO <sup>3</sup> 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 #: 644348  
Project: NOGALES-USD  
Sample Group: A J Mitchell Elementary School

Project Manager: Thomas.D.French  
Phone: (480) 778-1558  
PO #: ADEQ16-116686:3  
Sampler: Alex Montanier/Cesar Valdez

The following samples were received from you on **March 10, 2017** at **1407**. 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>201703100479</u>	001187	03/08/2017 0453
	Sample Type: Tap Facility ID: Main Building Sample Point ID: 101	
	@ICPMS	Freight - Outbound
		Freight - Return
<u>201703100480</u>	001188	03/08/2017 0456
	Sample Type: Drinking Fountain Facility ID: Main Building Sample Point ID: 103	
	@ICPMS	
<u>201703100483</u>	001189	03/08/2017 0452
	Sample Type: Tap Facility ID: Main Building Sample Point ID: 101	
	@ICPMS	
<u>201703100484</u>	001195	03/08/2017 0625
	Sample Type: Tap Facility ID: Little Mitchell Sample Point ID: Main Building	
	@ICPMS	
<u>201703100485</u>	001205	03/08/2017 0455
	Sample Type: Drinking Fountain Facility ID: Main Building Sample Point ID: 103	
	@ICPMS	
<u>201703100486</u>	001206	03/08/2017 0501
	Sample Type: Drinking Fountain Facility ID: Multi-purpose Building Sample Point ID: Kitchen Hall	
	@ICPMS	
<u>201703100487</u>	001207	03/08/2017 0626
	Sample Type: Tap Facility ID: Little Mitchell - 1002-2 Sample Point ID: Little Mitchell (main Building)	
	@ICPMS	
<u>201703100488</u>	001227	03/08/2017 0506

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Sample #	Sample ID	Sample Date
	Sample Type: Drinking Fountain Facility ID: Library Sample Point ID: Library (entrance) <div>@ICPMS</div>	

### Test Description

@ICPMS -- ICPMS Metals

644348

## 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	Nogales Unified School dist
School Name	A.J. Mitchell
Building (name/number)	main Building
Type of Fixture (tap, drinking fountain etc.)	TAP
Location of Fixture (example, room number)	101
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	001187
Date of Collection	3-8-2017
Time of Collection	4:53
Printed Name of Sample Collector	Alex Montañez
Signature Sample Collector	alex Montañez

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:07
Signature	MAV
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

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Name of School District	Nogales unified school dist
School Name	A. J. Mitchell
Building (name/number)	main Building
Type of Fixture (tap, drinking fountain etc.)	drinking Fountain
Location of Fixture (example, room number)	103
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	001188
Date of Collection	3-8-2017
Time of Collection	4:56 AM
Printed Name of Sample Collector	Alex Montañez
Signature Sample Collector	Alex Montañez

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:07
Signature	mmv
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	Nogales Unified School Dist
School Name	A.S. Mitchell
Building (name/number)	Main - Building
Type of Fixture (tap, drinking fountain etc.)	Tap
Location of Fixture (example, room number)	101
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	001189
Date of Collection	3-8-2017
Time of Collection	4:52 - AM
Printed Name of Sample Collector	Alex Montañez
Signature Sample Collector	Alex Montañez

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

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:07
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

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

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Name of School District	Nogales Unified school dist
School Name	A.S. Mitchell
Building (name/number)	Little Mitchell
Type of Fixture (tap, drinking fountain etc.)	+ AP
Location of Fixture (example, room number)	main Building
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	001195
Date of Collection	3-8-2017
Time of Collection	6:25 - AM
Printed Name of Sample Collector	Alex Montaner
Signature Sample Collector	<i>Alex Montaner</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:07
Signature	MAU
Notes:	

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	Nogales Unified School District
School Name	A. J. Mitchell
Building (name/number)	Main Building
Type of Fixture (tap, drinking fountain etc.)	drinking fountain
Location of Fixture (example, room number)	103
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	001205
Date of Collection	3-8-2017
Time of Collection	4:55 AM
Printed Name of Sample Collector	Alex Montano
Signature Sample Collector	<i>Alex Montano</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:07
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

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

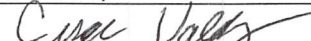
*These samples were collected for lead screening purposes only and cannot be used for compliance.*

## Collection Log

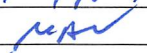
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- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

Name of School District	Nogales Unified School District
School Name	A.J. Mitchell
Building (name/number)	Multi-purpose Building
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Kitchen Hall
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	001206
Date of Collection	3-8-17
Time of Collection	5:01 Am
Printed Name of Sample Collector	Cesar Valdez
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:07
Signature	
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	Nogales Unified School District
School Name	A.J. Mitchell
Building (name/number)	Little Mitchell-1002-2
Type of Fixture (tap, drinking fountain etc.)	Tap
Location of Fixture (example, room number)	Little Mitchell (Main Building)
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	001207
Date of Collection	3-8-17
Time of Collection	6:26 Am
Printed Name of Sample Collector	Cesar Valdez
Signature Sample Collector	Cesar Valdez

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

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:07
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

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

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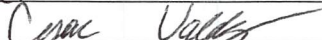


## Collection Log

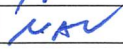
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Name of School District	Nogales Unified School District
School Name	A. S. Mitchell
Building (name/number)	Library
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	<del>Library</del> Library (Entrance)
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	001227
Date of Collection	3-8-17
Time of Collection	5:06 Am
Printed Name of Sample Collector	Cesar Valdez
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:07
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

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

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

Kit #: 159225

Created By: Thomas.D.French - [TDF]  
Deliver By: 02/17/2017

STG: Bottle Orders

Ice Type: W

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

Client ID: ADEQ-LEAD  
Project Code: NOGALES-USD Bottle Orders  
Group Name: A J Mitchell Elementary School  
PO#/JOB#:

**Ship Sample Kits to**  
Nogales Unified School District  
610 W. Western Avenue  
Nogales, AZ 85621  
  
Attn: Ricardo De La Riva  
Phone: (520) 287-0800

**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

8

@ICPMS

Bottle Qty - Type [ preservative information ]

1 - 250ml poly [ no preservative ]

UN DOT #

## Comments

AJ Mitchell Elementary. Include Nogales Unified District School-Specific Sample list, 8 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 8 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

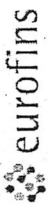
Via

Tracking #

# of Coolers

Prepared By





Eaton Analytical

# INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

SAMPLE TEMP RECEIVED:

IR Gun ID = 570A (Observation = 22.9 °C) (Corr. Factor -1 °C) (Final = 22.8 °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: UPS

# 7204 7946 3192

Compliance Acceptance Criteria:

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

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

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

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

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

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

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

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

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

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

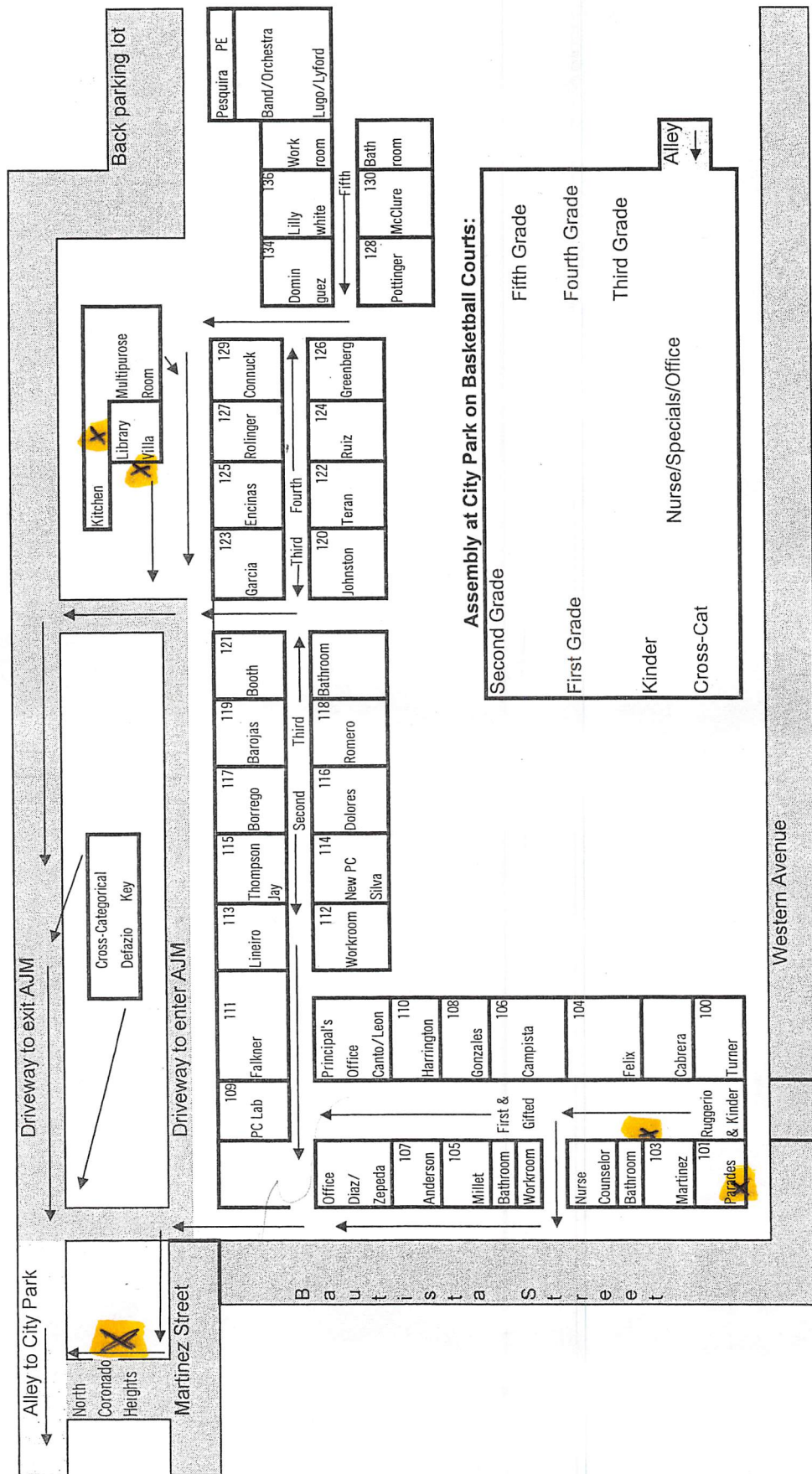
6) Dioxin (1613 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)

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

RECEIVED BY: <u>MAN</u>	PRINT NAME <u>MAN</u>	COMPANY/TITLE <u>Eurofins Eaton Analytical</u>	DATE <u>3-10-17</u>	TIME <u>14:07</u>
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*Highlighted Area, is location of samples*

**A.J. Mitchell Elementary School  
Campus Evacuation Plan**



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**Laboratory Comments**  
**Report: 644348**

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

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Laboratory Hits  
Report: 644348

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

Samples Received on:  
03/10/2017 1407

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
03/12/2017 14:40	Lead Total ICAP/MS	<b>201703100479</b> <b><u>001187</u></b>	2.2	15	ug/L	0.5
03/12/2017 14:42	Lead Total ICAP/MS	<b>201703100480</b> <b><u>001188</u></b>	2.9	15	ug/L	0.5
03/12/2017 14:43	Lead Total ICAP/MS	<b>201703100483</b> <b><u>001189</u></b>	3.7	15	ug/L	0.5
03/12/2017 14:44	Lead Total ICAP/MS	<b>201703100484</b> <b><u>001195</u></b>	1.1	15	ug/L	0.5
03/12/2017 14:46	Lead Total ICAP/MS	<b>201703100485</b> <b><u>001205</u></b>	2.3	15	ug/L	0.5
03/12/2017 14:47	Lead Total ICAP/MS	<b>201703100486</b> <b><u>001206</u></b>	0.94	15	ug/L	0.5
03/12/2017 14:48	Lead Total ICAP/MS	<b>201703100487</b> <b><u>001207</u></b>	4.8	15	ug/L	0.5
03/12/2017 14:48	Lead Total ICAP/MS	<b>201703100488</b> <b><u>001227</u></b>	0.71	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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Laboratory Data  
Report: 644348

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

Samples Received on:  
03/10/2017 1407

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
<b>001187 (201703100479)</b>						<b>Sampled on 03/08/2017 0453</b>			
Sample Type: Tap Facility ID: Main Building Sample Point ID: 101									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 14:40	977520	977559	(EPA 200.8)	Lead Total ICAP/MS	2.2	ug/L	0.5	1
<b>001188 (201703100480)</b>						<b>Sampled on 03/08/2017 0456</b>			
Sample Type: Drinking Fountain Facility ID: Main Building Sample Point ID: 103									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 14:42	977520	977559	(EPA 200.8)	Lead Total ICAP/MS	2.9	ug/L	0.5	1
<b>001189 (201703100483)</b>						<b>Sampled on 03/08/2017 0452</b>			
Sample Type: Tap Facility ID: Main Building Sample Point ID: 101									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 14:43	977520	977559	(EPA 200.8)	Lead Total ICAP/MS	3.7	ug/L	0.5	1
<b>001195 (201703100484)</b>						<b>Sampled on 03/08/2017 0625</b>			
Sample Type: Tap Facility ID: Little Mitchell Sample Point ID: Main Building									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 14:44	977520	977559	(EPA 200.8)	Lead Total ICAP/MS	1.1	ug/L	0.5	1
<b>001205 (201703100485)</b>						<b>Sampled on 03/08/2017 0455</b>			
Sample Type: Drinking Fountain Facility ID: Main Building Sample Point ID: 103									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 14:46	977520	977559	(EPA 200.8)	Lead Total ICAP/MS	2.3	ug/L	0.5	1
<b>001206 (201703100486)</b>						<b>Sampled on 03/08/2017 0501</b>			
Sample Type: Drinking Fountain Facility ID: Multi-purpose Building Sample Point ID: Kitchen Hall									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 14:47	977520	977559	(EPA 200.8)	Lead Total ICAP/MS	0.94	ug/L	0.5	1
<b>001207 (201703100487)</b>						<b>Sampled on 03/08/2017 0626</b>			
Sample Type: Tap Facility ID: Little Mitchell - 1002-2 Sample Point ID: Little Mitchell (main Building)									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 14:48	977520	977559	(EPA 200.8)	Lead Total ICAP/MS	4.8	ug/L	0.5	1
<b>001227 (201703100488)</b>						<b>Sampled on 03/08/2017 0506</b>			

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

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**Laboratory Data**  
**Report: 644348**

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Phoenix, AZ 85007

Samples Received on:  
03/10/2017 1407

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Drinking Fountain Facility ID: Library Sample Point ID: Library (entrance) <b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 14:48	977520	977559	(EPA 200.8)	Lead Total ICAP/MS	0.71	ug/L	0.5	1



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**ICPMS Metals**

**Prep Batch: 977520 Analytical Batch: 977559**

201703100479	001187
201703100480	001188
201703100483	001189
201703100484	001195
201703100485	001205
201703100486	001206
201703100487	001207
201703100488	001227

**Analysis Date: 03/12/2017**

Analyzed by: RPD  
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: 977559</b>					<b>Analysis Date: 03/12/2017</b>				
LCS1	Lead Total ICAP/MS		20	19.8	ug/L	99	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.9	ug/L	99	(85-115)	20	0.50
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.482	ug/L	97	(50-150)		
MS_201703091001	Lead Total ICAP/MS	ND	20	20.8	ug/L	104	(70-130)		
MS2_201703100479	Lead Total ICAP/MS	2.2	20	23.6	ug/L	107	(70-130)		
MSD_201703091001	Lead Total ICAP/MS	ND	20	21.1	ug/L	105	(70-130)	20	0.95
MSD2_201703100479	Lead Total ICAP/MS	2.2	20	23.4	ug/L	106	(70-130)	20	0.85

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.