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AT-1807

## Laboratory Report

for

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

Date of Issue  
03/23/2017



Eurofins Eaton  
Analytical

TDF: Thomas.D.French  
Project Manager



Report: 645232  
Project: SANSIMON-UD  
ADHS License #: AZ0778  
Group: San Simon 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
Arizona	AZ0778	Montana	Cert 0035
Arkansas	Certified	Nebraska	Certified
California-Monrovia-ELAP	2813	Nevada	CA00006-2016
California-Colton- ELAP	2812	New Hampshire *	2959
California-Folsom- ELAP	2820	New Jersey *	CA 008
California-Fresno- ELAP	2966	New Mexico	Certified
Colorado	Certified	New York *	11320
Connecticut	PH-0107	North Carolina	06701
Delaware	CA 006	North Dakota	R-009
Florida *	E871024	Oregon (Primary AB) *	ORELAP 4034
Georgia	947	Pennsylvania *	68-565
Guam	16-003r	Puerto Rico	Certified
Hawaii	Certified	Rhode Island	LAO00326
Idaho	Certified	South Carolina	87016
Illinois *	200033	South Dakota	Certified
Indiana	C-CA-01	Tennessee	TN02839
Kansas *	E-10268	Texas *	T104704230-15-9
Kentucky	90107	Utah *	CA000062016-10
Louisiana *	LA16003	Vermont	VT0114
Maine	CA0006	Virginia *	460260
Maryland	224	Washington	C838
Commonwealth of Northern Marianas Is.	MP0004	Wyoming	Certified
Massachusetts	M-CA006	EPA Region 5	Certified
Michigan	9906	Los Angeles County Sanitation Districts	10264

\* NELAP/TNI Recognized Accreditation Bodies

ISO 17025 Accredited Method List

The tests listed below are accredited and meet the requirements of ISO 17025 as verified by the ANSI-ASQ National Accreditation Board/ANAB.  
Refer to Certificate and scope of accreditation (AT 1807) found at: <http://www.eatonanalytical.com>

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environmental (Drinking Water)	Environmental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
1,4-Dioxane	EPA 522	x		x
2,3,7,8-TCDD	Modified EPA 1613B	x		x
Acrylamide	In House Method (2440)	x		x
Alkalinity	SM 2320B	x	x	x
Ammonia	EPA 350.1		x	x
Ammonia	SM 4500-NH3 H		x	x
Anions and DBPs by IC	EPA 300.0	x	x	x
Anions and DBPs by IC	EPA 300.1	x		x
Asbestos	EPA 100.2	x	x	
Bicarbonate Alkalinity as 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

Client ID: ADEQ-LEAD  
 Folder #: 645232  
 Project: SANSIMON-UD  
 Sample Group: San Simon School

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

Project Manager: Thomas.D.French  
 Phone: (480) 778-1558  
 Sampler: Mike Stoehner

The following samples were received from you on **March 15, 2017** at **1420**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using Eurofins Eaton Analytical.

Sample #	Sample ID	Sample Date
	@ICPMS	
201703150770	1007-2	03/13/2017 0000
	Sample Type: Not Provided Facility ID: Multipurpose Sample Point ID: Cafeteria	
	@ICPMS	
201703150771	1009	03/13/2017 0630
	Sample Type: Not Provided Facility ID: High School Sample Point ID: Gym	
	@ICPMS	
201703150772	1009	03/13/2017 0641
	Sample Type: Not Provided Facility ID: High School Sample Point ID: HS Classroom	
	@ICPMS	
201703150773	1010	03/13/2017 0635
	Sample Type: Not Provided Facility ID: Storage Sample Point ID: Storage	
	@ICPMS	
201703150774	1010	03/13/2017 0640
	Sample Type: Not Provided Facility ID: Storage Sample Point ID: Storage	
	@ICPMS	
201703150775	1011	03/13/2017 0620
	Sample Type: Not Provided Facility ID: Bus Maintenance Sample Point ID: Vehicle Maintenance	
	@ICPMS	
201703150776	1011	03/13/2017 0630
	Sample Type: Not Provided Facility ID: Bus Maintenance Sample Point ID: Vehicle Maintenance	
	@ICPMS	

### Test Description

### Acknowledgement of Samples Received

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

Client ID: ADEQ-LEAD  
Folder #: 645232  
Project: SANSIMON-UD  
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Attn: David Burchard  
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Sample #	Sample ID	Sample Date
	@ICPMS -- ICPMS Metals	

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

645232

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	San Simon Unified District
School Name	San Simon School
Building (name/number)	Middle grade classrooms
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	Skiles classrooms elementary
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1001
Date of Collection	3-13-17
Time of Collection	07:40
Printed Name of Sample Collector	Mike Stoeber
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MSV
Notes:	22.2 °C

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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- 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	San Simon Unified Dist.
School Name	San Simon
Building (name/number)	Art
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	Art Classroom
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1003-1
Date of Collection	3-13-17
Time of Collection	N/A
Printed Name of Sample Collector	Mike Stoehner
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17
Signature	14:20
Notes:  <div style="text-align: center; font-size: 1.2em;">22.2 Ć</div>	

For relinquishing samples upon delivery to labs only

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

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### 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	San Simon Unified Dist
School Name	San Simon
Building (name/number)	Art
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	Art Classroom
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1003-2
Date of Collection	3-13-17
Time of Collection	N/A
Printed Name of Sample Collector	Mike Stoehner
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MAV
Notes:	22.2 c

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	San Simon Unified Dist.
School Name	San Simon School
Building (name/number)	Vo Ag Shop
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	Classroom Voag and Shop
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1004
Date of Collection	3-13-17
Time of Collection	7:00
Printed Name of Sample Collector	Mike Stoehner
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MAV
Notes:	22.2 c

For relinquishing samples upon delivery to labs only

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

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## 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	Sam Simon Unified Dist
School Name	Sam Simon School
Building (name/number)	VO Ag Shop
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	Classroom Vag and Shop
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1004
Date of Collection	3-13-17
Time of Collection	07:01
Printed Name of Sample Collector	Mike Stoehner
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-13-17 14:20
Signature	MAV
Notes:	22.2 °C

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	Sam Simon Unified Dist
School Name	Sam Simon School
Building (name/number)	Library, Multipurpose
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	*Breeze way Boys
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1006
Date of Collection	3-13-17
Time of Collection	07:05
Printed Name of Sample Collector	Mike Stoeher
Signature Sample Collector	

Notes Sample collector:

\* Location was taken from label on bottle.  
 MAV 3-15-17

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MAV
Notes:	22.2 °C

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Name of School District	Sam Simon Unified Dist.
School Name	Sam Simon School
Building (name/number)	Library, Multipurpose
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	*Breeze way Girls
Sample Identification Number ( <b>Write this number on the sample container and on this sheet</b> )	1006
Date of Collection	3-13-17
Time of Collection	07:06
Printed Name of Sample Collector	Mike Stoehner
Signature Sample Collector	

Notes Sample collector:  
 \* Location was taken from label on bottle.

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MKV
Notes:	22.2 c

For relinquishing samples upon delivery to labs only

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

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Name of School District	San Simon Unified Dist
School Name	San Simon School
Building (name/number)	Multipurpose
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	Cafeteria
Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> )	1007-1
Date of Collection	3-13-17
Time of Collection	N/A
Printed Name of Sample Collector	Mike Stoehner
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MAU
Notes:	22.2°C

For relinquishing samples upon delivery to labs only

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

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## 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	San Simon Unified Dist
School Name	San Simon School
Building (name/number)	Multipurpose
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	Cafeteria
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1007-2
Date of Collection	3-13-17
Time of Collection	N/A
Printed Name of Sample Collector	Mike Stehner
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MKV
Notes:	22.2 °C

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	Sam Simon Unified Dist
School Name	Sam Simon School
Building (name/number)	High School
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	# GYM
Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> )	1009
Date of Collection	3-13-17
Time of Collection	06:30
Printed Name of Sample Collector	Mike Stoeber
Signature Sample Collector	

Notes Sample collector: # Location was taken from label on bottle.

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MAW
Notes:  22.2 °C	

For relinquishing samples upon delivery to labs only

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

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## 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	San Simon Unified Dist.
School Name	San Simon School
Building (name/number)	High School
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	* HS Classroom
Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> )	1009
Date of Collection	3-13-17
Time of Collection	06:41 MAW
Printed Name of Sample Collector	Mike <del>Stoehner</del> Stoehner
Signature Sample Collector	

Notes Sample collector: \*ID location was taken from label on bottle.  
 MAW 3-15-17

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MAW
Notes:  22.2°C	

For relinquishing samples upon delivery to labs only

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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	San Simon Unified Dist
School Name	San Simon School
Building (name/number)	Storage
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	Storage
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1010
Date of Collection	3-13-17
Time of Collection	06:35
Printed Name of Sample Collector	Mike Steehner
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MAV
Notes:	
22.2°C	

For relinquishing samples upon delivery to labs only

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

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*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	San Simon School District
School Name	San Simon School
Building (name/number)	Storage
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	Storage
Sample Identification Number ( <u>Write this number on the sample container and on this sheet</u> )	1010
Date of Collection	3-13-17
Time of Collection	06:40
Printed Name of Sample Collector	Mike Stoehner
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	NAV
Notes:  22.2c	

For relinquishing samples upon delivery to labs only

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

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

## Collection Log

*for experienced sample collectors*

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

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

Name of School District	San Simon Unified Dist
School Name	San Simon School
Building (name/number)	Bus Maintenance
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	Vehicle Maintenance
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1011
Date of Collection	3-13-17
Time of Collection	06:20
Printed Name of Sample Collector	Mike Stoehner
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MAV
Notes:	22.2 °C

For relinquishing samples upon delivery to labs only

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

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

## Collection Log

*for experienced sample collectors*

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

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

Name of School District	San Simon Unified Dist
School Name	San Simon School
Building (name/number)	Bus Maintenance
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	Vehicle Maintenance
Sample Identification Number ( <b><u>Write this number on the sample container and on this sheet</u></b> )	1011
Date of Collection	3-13-17
Time of Collection	06:30
Printed Name of Sample Collector	Mike Stoechner
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-15-17 14:20
Signature	MAV
Notes:	22.2 c

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.*

San Simon Unified District	San Simon School	✓ 1001	Middle grade classrooms	skiles classrooms elementary	1996	P O Box 38	San Simon	85632-0038	Cochise	1	
San Simon Unified District	San Simon School	1002	computer lab, classroom	<del>art room</del> computer lab, classroom	1996	P O Box 38	San Simon	85632-0038	Cochise	1	No water
San Simon Unified District	San Simon School	✓ 1003	art	2 bottles rec'd with same # art classroom	1959	P O Box 38	San Simon	85632-0038	Cochise	2	✓
San Simon Unified District	San Simon School	✓ 1004	Vo Ag shop	2 bottles rec'd with same # classroom voag and shop	1969	P O Box 38	San Simon	85632-0038	Cochise	2	✓
San Simon Unified District	San Simon School	1005	elementary classrooms	classrooms elementary	1958	P O Box 38	San Simon	85632-0038	Cochise	2	No water
San Simon Unified District	San Simon School	✓ 1006	library, multipurpose	2 bottles rec'd with same # library, cafeteria, multipurpose	1958	P O Box 38	San Simon	85632-0038	Cochise	2	✓
San Simon Unified District	San Simon School	✓ 1007	multipurpose	2 bottles rec'd same # No cafeteria, multipurpose	1958	P O Box 38	San Simon	85632-0038	Cochise	2	✓
San Simon Unified District	San Simon School	1008	library	library	1969	P O Box 38	San Simon	85632-0038	Cochise	2	No water
San Simon Unified District	San Simon School	✓ 1009	High school	2 bottles rec'd same # classrooms, gym	1939	P O Box 38	San Simon	85632-0038	Cochise	2	✓
San Simon Unified District	San Simon School	✓ 1010	storage	2 bottles rec'd same # storage	1973	P O Box 38	San Simon	85632-0038	Cochise	2	✓



3-13-17 6:20  
3-13-17 6:30

different sampling time

sample #

2 bottles rec'd

1011

San Simon School

San Simon Unified District

bus maintenance

vehicle maintenance

1987

P O Box 38

San Simon

85632-0038

Cochise

2

Total Containers

20



# INTERNAL CHAIN OF CUSTODY RECORD

BEA Folder Number:

SAMPLES REC'D DAY OF COLLECTION?

**SAMPLE TEMP RECEIVED:**

IR Gun ID = 352A (Observation = 22.4°C) (Corr. Factor 0.2°C) (Final = 22.2°C)

TYPE OF ICE: Real  Synthetic  No Ice  Frozen  Partially Frozen  Thawed  N/A

METHOD OF SHIPMENT: Pick-Up / Walk-In / FedEX / **UPS** / DHL / Area Fast / Top Line / Other: \_\_\_\_\_

**UPS GROUND**  
TRACKING #: 1Z R04 336 90 4231 8391

**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/Cryptio: (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)

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

<b>RECEIVED BY:</b> <i>Miguel Bad</i>	<b>PRINT NAME:</b> Miguel Bad	<b>COMPANY/TITLE:</b> Eurofins Eaton Analytical	<b>DATE:</b> 3/15/17	<b>TIME:</b> 14:20
--	----------------------------------	--	-------------------------	-----------------------

Room 1002	Does	not	Have	Water
Room 1005	Does	not	HAVE	water
Room 1008	Does	not	HAVE	water

thx

Mike Stoehner

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David Burchard  
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Samples Received on:  
03/15/2017 1420

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
03/17/2017 20:10	<b>201703150760</b> Lead Total ICAP/MS	<b><u>1001</u></b>	1.7	15	ug/L	0.5
03/17/2017 20:21	<b>201703150771</b> Lead Total ICAP/MS	<b><u>1009</u></b>	0.63	15	ug/L	0.5
03/21/2017 14:22	<b>201703150773</b> Lead Total ICAP/MS	<b><u>1010</u></b>	2.9	15	ug/L	0.5
03/21/2017 11:57	<b>201703150774</b> Lead Total ICAP/MS	<b><u>1010</u></b>	0.96	15	ug/L	0.5
03/21/2017 12:01	<b>201703150775</b> Lead Total ICAP/MS	<b><u>1011</u></b>	2.4	15	ug/L	0.5
03/21/2017 12:01	<b>201703150776</b> Lead Total ICAP/MS	<b><u>1011</u></b>	0.68	15	ug/L	0.5

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Samples Received on:  
03/15/2017 1420

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
<b>1001 (201703150760)</b>						<b>Sampled on 03/13/2017 0740</b>			
Sample Type: Not Provided Facility ID: Middle Grade Classrooms Sample Point ID: Skiles Classrooms Elementary									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/17/17 20:10	978809	979258	(EPA 200.8)	Lead Total ICAP/MS	1.7	ug/L	0.5	1
<b>1003-1 (201703150761)</b>						<b>Sampled on 03/13/2017 0000</b>			
Sample Type: Not Provided Facility ID: Art Sample Point ID: Art Classroom									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/17/17 20:11	978809	979258	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1003-2 (201703150764)</b>						<b>Sampled on 03/13/2017 0000</b>			
Sample Type: Not Provided Facility ID: Art Sample Point ID: Art Classroom									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/17/17 20:14	978809	979258	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1004 (201703150765)</b>						<b>Sampled on 03/13/2017 0700</b>			
Sample Type: Not Provided Facility ID: Vo Ag Shop Sample Point ID: Classroom Voag and Shop									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/17/17 20:14	978809	979258	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1004 (201703150766)</b>						<b>Sampled on 03/13/2017 0701</b>			
Sample Type: Not Provided Facility ID: Vo Ag Shop Sample Point ID: Classroom Voag Shop									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/17/17 20:15	978809	979258	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1006 (201703150767)</b>						<b>Sampled on 03/13/2017 0705</b>			
Sample Type: Not Provided Facility ID: Library, Multipurpose Sample Point ID: Breeze Way Boys									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/17/17 20:16	978809	979258	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1006 (201703150768)</b>						<b>Sampled on 03/13/2017 0706</b>			
Sample Type: Not Provided Facility ID: Library, Multipurpose Sample Point ID: Breeze Way Girls									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/17/17 20:18	978809	979258	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1007-1 (201703150769)</b>						<b>Sampled on 03/13/2017 0000</b>			

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

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Samples Received on:  
03/15/2017 1420

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Not Provided Facility ID: Multipurpose Sample Point ID: Cafeteria									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/17/17 20:19	978809	979258	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1007-2 (201703150770)</b>						<b>Sampled on 03/13/2017 0000</b>			
Sample Type: Not Provided Facility ID: Multipurpose Sample Point ID: Cafeteria									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/17/17 20:20	978809	979258	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1009 (201703150771)</b>						<b>Sampled on 03/13/2017 0630</b>			
Sample Type: Not Provided Facility ID: High School Sample Point ID: Gym									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/17/17 20:21	978809	979258	(EPA 200.8)	Lead Total ICAP/MS	0.63	ug/L	0.5	1
<b>1009 (201703150772)</b>						<b>Sampled on 03/13/2017 0641</b>			
Sample Type: Not Provided Facility ID: High School Sample Point ID: HS Classroom									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/17/17 20:21	978809	979258	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
<b>1010 (201703150773)</b>						<b>Sampled on 03/13/2017 0635</b>			
Sample Type: Not Provided Facility ID: Storage Sample Point ID: Storage									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/21/17 14:22	978809	979699	(EPA 200.8)	Lead Total ICAP/MS	2.9	ug/L	0.5	1
<b>1010 (201703150774)</b>						<b>Sampled on 03/13/2017 0640</b>			
Sample Type: Not Provided Facility ID: Storage Sample Point ID: Storage									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/21/17 11:57	978809	979808	(EPA 200.8)	Lead Total ICAP/MS	0.96	ug/L	0.5	1
<b>1011 (201703150775)</b>						<b>Sampled on 03/13/2017 0620</b>			
Sample Type: Not Provided Facility ID: Bus Maintenance Sample Point ID: Vehicle Maintenance									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/21/17 12:01	978809	979808	(EPA 200.8)	Lead Total ICAP/MS	2.4	ug/L	0.5	1
<b>1011 (201703150776)</b>						<b>Sampled on 03/13/2017 0630</b>			

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

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Laboratory Data  
 Report: 645232

**Arizona Department of Environmental Quality**

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 1110 West Washington Street  
 Phoenix, AZ 85007

Samples Received on:  
 03/15/2017 1420

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Not Provided									
Facility ID: Bus Maintenance									
Sample Point ID: Vehicle Maintenance									
<b>EPA 200.8 - ICPMS Metals</b>									
03/16/17	03/21/17 12:01	978809	979808	(EPA 200.8)	Lead Total ICAP/MS	0.68	ug/L	0.5	1

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

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Arizona Department of Environmental Quality

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**ICPMS Metals****Prep Batch: 978809 Analytical Batch: 979258**

201703150760	1001
201703150761	1003-1
201703150764	1003-2
201703150765	1004
201703150766	1004
201703150767	1006
201703150768	1006
201703150769	1007-1
201703150770	1007-2
201703150771	1009
201703150772	1009

**Analysis Date: 03/17/2017**

Analyzed by: AZS  
Analyzed by: AZS

**ICPMS Metals****Prep Batch: 978809 Analytical Batch: 979699**

201703150773	1010
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**Analysis Date: 03/21/2017**

Analyzed by: DTN

**ICPMS Metals****Prep Batch: 978809 Analytical Batch: 979808**

201703150774	1010
201703150775	1011
201703150776	1011

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

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

Tel: (626) 386-1100  
Fax: (626) 386-1101  
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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: 979258</b>					<b>Analysis Date: 03/17/2017</b>				
LCS1	Lead Total ICAP/MS		20	21.2	ug/L	106	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.7	ug/L	104	(85-115)	20	2.4
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.527	ug/L	105	(50-150)		
MS_201703150383	Lead Total ICAP/MS	ND	20	23.3	ug/L	117	(70-130)		
MS2_201703150761	Lead Total ICAP/MS	ND	20	21.2	ug/L	106	(70-130)		
MSD_201703150383	Lead Total ICAP/MS	ND	20	22.4	ug/L	112	(70-130)	20	3.9
MSD2_201703150761	Lead Total ICAP/MS	ND	20	21.5	ug/L	108	(70-130)	20	1.4
<b>ICPMS Metals by EPA 200.8</b>									
<b>Analytical Batch: 979699</b>					<b>Analysis Date: 03/21/2017</b>				
LCS1	Lead Total ICAP/MS		20	21.1	ug/L	106	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.9	ug/L	105	(85-115)	20	0.95
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.568	ug/L	114	(50-150)		
MS_201703160539	Lead Total ICAP/MS	ND	20	20.3	ug/L	101	(70-130)		
MS2_201703160540	Lead Total ICAP/MS	ND	20	20.2	ug/L	101	(70-130)		
MSD_201703160539	Lead Total ICAP/MS	ND	20	20.1	ug/L	101	(70-130)	20	0.99
MSD2_201703160540	Lead Total ICAP/MS	ND	20	20.0	ug/L	100	(70-130)	20	1
<b>ICPMS Metals by EPA 200.8</b>									
<b>Analytical Batch: 979808</b>					<b>Analysis Date: 03/21/2017</b>				
LCS1	Lead Total ICAP/MS		20	20.6	ug/L	103	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.6	ug/L	103	(85-115)	20	0.0
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.508	ug/L	102	(50-150)		
MS_201703150774	Lead Total ICAP/MS	0.96	20	22.1	ug/L	106	(70-130)		
MS2_201703160857	Lead Total ICAP/MS	1.7	20	23.4	ug/L	109	(70-130)		
MSD_201703150774	Lead Total ICAP/MS	0.96	20	22.0	ug/L	105	(70-130)	20	0.45
MSD2_201703160857	Lead Total ICAP/MS	1.7	20	23.4	ug/L	109	(70-130)	20	0.43

Spike recovery is already corrected for native results.

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

RPD not calculated for LCS2 when different a concentration than LCS1 is used.

RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).

(S) - Indicates surrogate compound.

(I) - Indicates internal standard compound.