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Laboratory Report

for

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

Date of Issue
03/30/2017



Eurofins Eaton
Analytical

TDF: Thomas.D.French
Project Manager



Report: 646648
Project: PS-ED
ADHS License #: AZ0778
Group: Pine Strawberry
PO#: Elementary 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
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 ⁻ D		x	
Sulfite	SM 4500-SO ³ 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 #: 646648

Project: PS-ED

Sample Group: Pine Strawberry Elementary School

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

Project Manager: Thomas.D.French

Phone: (480) 778-1558

Sampler: Keith Howell

The following samples were received from you on **March 22, 2017** at **1725**. 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>201703220534</u>	1001	03/20/2017 0830
	Sample Type: Sink Facility ID: District Office 1001 Sample Point ID: Office Lounge	
	@ICPMS	Freight - Outbound
		Freight - Return
<u>201703220535</u>	1002-1	03/20/2017 0815
	Sample Type: Not Provided Facility ID: Kitchen GYM - Cafeteria 1002 Sample Point ID: Kitchen Sink (prep)	
	@ICPMS	
<u>201703220538</u>	1002-2	03/20/2017 0815
	Sample Type: Sink Facility ID: Kitchen/GYM/Cafeteria 1002 Sample Point ID: Kitchen	
	@ICPMS	
<u>201703220539</u>	1003-1	03/20/2017 0735
	Sample Type: Wash sink Facility ID: Senior Citizens Furniture 1003 Sample Point ID: Utility Closet	
	@ICPMS	
<u>201703220540</u>	1003-2	03/20/2017 0730
	Sample Type: Sink Facility ID: Senior Citizens Furniture 1003 Sample Point ID: Main Oven Workroom	
	@ICPMS	
<u>201703220541</u>	1004-1	03/20/2017 0731
	Sample Type: Mens Bathroom (sink) Facility ID: 1004 Old Rock Bldg Addition 1 Sample Point ID: Men's Restroom	
	@ICPMS	
<u>201703220542</u>	1004-2	03/20/2017 0733
	Sample Type: Womens Restroom Sink Facility ID: Old Rock Bldg Addition 1 Sample Point ID: Womens Restroom	
	@ICPMS	
<u>201703220543</u>	1005-1	03/20/2017 0710
	Sample Type: Sink Facility ID: Addition 2 Old Rock Building Sample Point ID: Kitchen	

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Sample #	Sample ID	Sample Date
	@ICPMS	
201703220544	1005-2	03/20/2017 0711
	Sample Type: Sink Facility ID: Addition 2 Old Rock Building Sample Point ID: Kitchen	
	@ICPMS	
201703220545	1006-1	03/20/2017 0800
	Sample Type: Sink Facility ID: LDS/Museum Sample Point ID: Kitchen area	
	@ICPMS	
201703220546	1006-2	03/20/2017 0800
	Sample Type: Drinking Fountain Facility ID: LDS/Museum Sample Point ID: Not Provided	
	@ICPMS	
201703220547	1007-1	03/20/2017 0745
	Sample Type: Drinking Fountain Facility ID: 1007 GYM Sample Point ID: GYM	
	@ICPMS	
201703220548	1007-2	03/20/2017 0739
	Sample Type: Sink Facility ID: 1007 - GYM/Kitchen Sample Point ID: Kitchen	
	@ICPMS	
201703220549	1008	03/20/2017 0745
	Sample Type: Sink Facility ID: Pre-fab 1008 Sample Point ID: Main Room	
	@ICPMS	

Test Description

@ICPMS -- ICPMS Metals

Collection Log

for experienced sample collectors

646648

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	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	District office 1001
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Office lounge
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1001
Date of Collection	3-20-2017
Time of Collection	8:30 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MAU
Notes:	22.0 °C

For relinquishing samples upon delivery to labs only

Relinquished date and signature Keith Howell 3-20-2017

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

Collection Log

for experienced sample collectors

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Name of School District	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	Kitchen - Gym - Cafeteria 1002
Type of Fixture (tap, drinking fountain etc.)	
Location of Fixture (example, room number)	Kitchen sink (prep)
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1002-1
Date of Collection	3-20-2017
Time of Collection	8:15 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MAV
Notes: 22.0 °C	

For relinquishing samples upon delivery to labs only

Relinquished date and signature Keith Howell 3-20-2017

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Collection Log

for experienced sample collectors

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Name of School District	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	kitchen/bym/cafeateria 1002
Type of Fixture (tap, drinking fountain etc.)	sink
Location of Fixture (example, room number)	kitchen
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1002-2
Date of Collection	3-20-2017
Time of Collection	7:15 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

Sent 2 samples because I had extra bottle
I didn't need for another building

For Lab use only	
Analyze this drinking water sample for lead	MAV 3-22-17
Date and Time Lab received	3-22-17 17:25
Signature	MAV
Notes:	22.0 °C

For relinquishing samples upon delivery to labs only

Relinquished date and signature Keith Howell 3-20-2017

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Collection Log

for experienced sample collectors

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Name of School District	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	Senior Citizens Furniture Store 1003
Type of Fixture (tap, drinking fountain etc.)	wash sink
Location of Fixture (example, room number)	Utility Closet
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1003-1
Date of Collection	3-20-2017
Time of Collection	7:35 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MRV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature Keith Howell 3-20-2017

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Collection Log

for experienced sample collectors

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Name of School District	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	Senior Citizens Furniture Store 1003
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	main area work room
Sample Identification Number (Write this number on the sample container and on this sheet)	1003-2
Date of Collection	3-20-2017
Time of Collection	7:30 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 11:25
Signature	mu
Notes:	22.0 °C

For relinquishing samples upon delivery to labs only

Relinquished date and signature Keith Howell 3-20-2017

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Collection Log

for experienced sample collectors

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Name of School District	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	1004 Old Rock Building Addition #1
Type of Fixture (tap, drinking fountain etc.)	Men's bathroom (sink)
Location of Fixture (example, room number)	Men's bathroom
Sample Identification Number (Write this number on the sample container and on this sheet)	1004-1
Date of Collection	3-20-2017
Time of Collection	7:31 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

Old rock building addition #1 only has restrooms for water source

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MAN
Notes: 22.0 °C	

For relinquishing samples upon delivery to labs only

Relinquished date and signature Keith Howell 3-20-2017

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Collection Log

for experienced sample collectors

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Name of School District	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	Old Rock Building Addition #1
Type of Fixture (tap, drinking fountain etc.)	Womens restroom sink
Location of Fixture (example, room number)	Womens restroom
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1004-2
Date of Collection	3-20-2017
Time of Collection	7:33 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

Old Rock Building Addition #1 only has restrooms
for water source

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MAN
Notes: 22.0 °C	

For relinquishing samples upon delivery to labs only

Relinquished date and signature Keith Howell 3-20-2017

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Collection Log

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Name of School District	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	Addition #2 Old Rock Building
Type of Fixture (tap, drinking fountain etc.)	sink
Location of Fixture (example, room number)	kitchen
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1005-1
Date of Collection	3-20-2017
Time of Collection	7:10 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MAV
Notes: 22.0 °C	

For relinquishing samples upon delivery to labs only

Relinquished date and signature Keith Howell 3-20-2017

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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	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	Addition # 2 Old Rock Building
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Kitchen
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1005-2
Date of Collection	3-20-2017
Time of Collection	7:11 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MAV
Notes: 22.0°C	

For relinquishing samples upon delivery to labs only

Relinquished date and signature Keith Howell 3-20-2017

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	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	LDS/Museum
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	kitchen area
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1006-1
Date of Collection	3-20-2017
Time of Collection	8:00 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MAV
Notes:	22.5 22.0 °C

For relinquishing samples upon delivery to labs only

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Collection Log

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Name of School District	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	LDS / Museum
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1006-2
Date of Collection	3-20-2017
Time of Collection	8:00 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MAN
Notes: 22.0 °C	

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Relinquished date and signature Keith Howell 3-20-2017

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	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	1007 Gym
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Gym
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1007-1
Date of Collection	3-20-2017
Time of Collection	7:45 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MAV
Notes: 22.0 c	

For relinquishing samples upon delivery to labs only

Relinquished date and signature Keith Howell 3-20-2017

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	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	1007 - Gym/Kitchen
Type of Fixture (tap, drinking fountain etc.)	sink
Location of Fixture (example, room number)	kitchen
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1007-2
Date of Collection	3-20-2017
Time of Collection	7:39 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MM
Notes: 22.0 °C	

For relinquishing samples upon delivery to labs only

Relinquished date and signature Keith Howell 3-20-2017

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	Pine Strawberry
School Name	Pine Strawberry
Building (name/number)	Pre-fab 1008
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Main Room
Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>)	1008
Date of Collection	3-20-2017
Time of Collection	7:45 am
Printed Name of Sample Collector	Keith Howell
Signature Sample Collector	Keith Howell

Notes Sample collector:

Only has 1 source for water sample

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-22-17 17:25
Signature	MAV
Notes:	22.0 °C

For relinquishing samples upon delivery to labs only

Relinquished date and signature

Keith Howell 3-20-2017

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

Kit Order for Arizona Department of Environmental Quality
Thomas.D.French is your Eurofins Eaton Analytical Service Manager

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

Kit #: 161936

Created By: Thomas.D.French - [TDF]
Deliver By: 03/16/2017

STG: Bottle Orders

Ice Type: W

Note: Sampler Please return this paper with your samples

Client ID: ADEQ-LEAD
Project Code: PS-ED Bottle Orders
Group Name: Pine Strawberry Elementary School
PO#JOB#:

Ship Sample Kits to
Pine Strawberry Elementary District
3868 N. Pine Creek Drive
Pine, AZ 85544
Attn: Keith Howell
Phone: (928) 476-3283

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

14

@ICPMS

Bottle Qty - Type [preservative information]

1 - 250ml poly [no preservative]

UN DOT #

Comments

Pine Strawberry Elementary School - Include Pine Strawberry Elementary District Sample list, 14 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 14 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.

UPS return

Code

Status

Date Shipped

Via

Tracking #

of Coolers

Prepared By

INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

SAMPLES REC'D DAY OF COLLECTION?

SAMPLE TEMP RECEIVED:

IR Gun ID = 461A (Observation = 22.1 °C) (Corr. Factor -1.1 °C) (Final = 22.0 °C)

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

METHOD OF SHIPMENT: Pick-Up / Walk-In / FedEx / (UPS) DHL / Area Fast / Top Line / Other:

Compliance Acceptance Criteria:

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

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

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

- 4) UCMR3: 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> </u>	SIGNATURE: <u> </u>	PRINT NAME: <u> </u>	COMPANY/TITLE: <u>Eurofins Eaton Analytical</u>	DATE: <u>3-22-17</u>	TIME: <u>17:25</u>

Pine Strawberry Elementary District	Pine Strawberry Elementary School	1001	Pre thru 8th Grade School	Elem School; District Office; Warehouse; Shop	1989	P O Box 1150	Pine	85544-1150	Gila	1
Pine Strawberry Elementary District	Pine Strawberry Elementary School	1002	New Gym & Cafeteria	Locker Rooms, Storage, Gym, Cafeteria, Kitchen	1989	P O Box 1150	Pine	85544-1150	Gila	1 2-
Pine Strawberry Elementary District	Pine Strawberry Elementary School	1003	Old Rock School	Senior Citizens Furniture Store	1943	P O Box 1150	Pine	85544-1150	Gila	2
Pine Strawberry Elementary District	Pine Strawberry Elementary School	1004	Addition 1 to Old Rock Building	Senior Citizens Thrift Store	1952	P O Box 1150	Pine	85544-1150	Gila	2 only bathroom
Pine Strawberry Elementary District	Pine Strawberry Elementary School	1005	Addition 2 Old Rock Building	Used by Senior Citizens Affairs Fdtn	1962	P O Box 1150	Pine	85544-1150	Gila	2
Pine Strawberry Elementary District	Pine Strawberry Elementary School	1006	Hwy 87 Old LDS Church	Museum	1917	P O Box 1150	Pine	85544-1150	Gila	2
Pine Strawberry Elementary District	Pine Strawberry Elementary School	1007	Hwy 87 Old LDS Cultural Hall, Gym & Theater	Senior Citizens Affairs Fdtn	1927	P O Box 1150	Pine	85544-1150	Gila	2
Pine Strawberry Elementary District	Pine Strawberry Elementary School	1008	Relocatable Pre-Fab Building	Kiwanis Meetings	1984	P O Box 1150	Pine	85544-1150	Gila	2 only 15000
Total Containers										14

Thrift

Dining Kitchen

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

Laboratory Comments
Report: 646648

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

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

Laboratory Hits
Report: 646648

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

Samples Received on:
03/22/2017 1725

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
03/25/2017 12:24	Lead Total ICAP/MS	201703220534 <u>1001</u>	1.2	15	ug/L	0.5
03/25/2017 12:27	Lead Total ICAP/MS	201703220538 <u>1002-2</u>	0.52	15	ug/L	0.5
03/25/2017 12:28	Lead Total ICAP/MS	201703220539 <u>1003-1</u>	6.5	15	ug/L	0.5
03/25/2017 12:31	Lead Total ICAP/MS	201703220541 <u>1004-1</u>	11	15	ug/L	0.5
03/25/2017 12:32	Lead Total ICAP/MS	201703220542 <u>1004-2</u>	37	15	ug/L	0.5
03/25/2017 12:32	Lead Total ICAP/MS	201703220543 <u>1005-1</u>	1.9	15	ug/L	0.5
03/25/2017 12:33	Lead Total ICAP/MS	201703220544 <u>1005-2</u>	1.2	15	ug/L	0.5
03/29/2017 10:28	Lead Total ICAP/MS	201703220545 <u>1006-1</u>	170	15	ug/L	0.5
03/25/2017 12:34	Lead Total ICAP/MS	201703220546 <u>1006-2</u>	8.3	15	ug/L	0.5
03/25/2017 12:36	Lead Total ICAP/MS	201703220547 <u>1007-1</u>	10	15	ug/L	0.5
03/25/2017 12:37	Lead Total ICAP/MS	201703220548 <u>1007-2</u>	6.9	15	ug/L	0.5
03/25/2017 12:38	Lead Total ICAP/MS	201703220549 <u>1008</u>	1.8	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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1 800 566 LABS (1 800 566 5227)

Laboratory Data
Report: 646648

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

Samples Received on:
03/22/2017 1725

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
1001 (201703220534)						Sampled on 03/20/2017 0830			
Sample Type: Sink Facility ID: District Office 1001 Sample Point ID: Office Lounge									
EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:24	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	1.2	ug/L	0.5	1
1002-1 (201703220535)						Sampled on 03/20/2017 0815			
Sample Type: Not Provided Facility ID: Kitchen GYM - Cafeteria 1002 Sample Point ID: Kitchen Sink (prep)									
EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:24	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
1002-2 (201703220538)						Sampled on 03/20/2017 0815			
Sample Type: Sink Facility ID: Kitchen/GYM/Cafeteria 1002 Sample Point ID: Kitchen									
EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:27	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	0.52	ug/L	0.5	1
1003-1 (201703220539)						Sampled on 03/20/2017 0735			
Sample Type: Wash sink Facility ID: Senior Citizens Furniture 1003 Sample Point ID: Utility Closet									
EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:28	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	6.5	ug/L	0.5	1
1003-2 (201703220540)						Sampled on 03/20/2017 0730			
Sample Type: Sink Facility ID: Senior Citizens Furniture 1003 Sample Point ID: Main Oven Workroom									
EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:30	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
1004-1 (201703220541)						Sampled on 03/20/2017 0731			
Sample Type: Mens Bathroom (sink) Facility ID: 1004 Old Rock Bldg Addition 1 Sample Point ID: Men's Restroom									
EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:31	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	11	ug/L	0.5	1
1004-2 (201703220542)						Sampled on 03/20/2017 0733			
Sample Type: Womens Restroom Sink Facility ID: Old Rock Bldg Addition 1 Sample Point ID: Womens Restroom									
EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:32	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	37	ug/L	0.5	1
1005-1 (201703220543)						Sampled on 03/20/2017 0710			

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

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Laboratory Data
Report: 646648

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

Samples Received on:
03/22/2017 1725

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Sink Facility ID: Addition 2 Old Rock Building Sample Point ID: Kitchen EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:32	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	1.9	ug/L	0.5	1
1005-2 (201703220544)						Sampled on 03/20/2017 0711			
Sample Type: Sink Facility ID: Addition 2 Old Rock Building Sample Point ID: Kitchen EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:33	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	1.2	ug/L	0.5	1
1006-1 (201703220545)						Sampled on 03/20/2017 0800			
Sample Type: Sink Facility ID: LDS/Museum Sample Point ID: Kitchen area EPA 200.8 - ICPMS Metals									
03/23/17	03/29/17 10:28	980686	981582	(EPA 200.8)	Lead Total ICAP/MS	170	ug/L	0.5	1
1006-2 (201703220546)						Sampled on 03/20/2017 0800			
Sample Type: Drinking Fountain Facility ID: LDS/Museum Sample Point ID: Not Provided EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:34	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	8.3	ug/L	0.5	1
1007-1 (201703220547)						Sampled on 03/20/2017 0745			
Sample Type: Drinking Fountain Facility ID: 1007 GYM Sample Point ID: GYM EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:36	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	10	ug/L	0.5	1
1007-2 (201703220548)						Sampled on 03/20/2017 0739			
Sample Type: Sink Facility ID: 1007 - GYM/Kitchen Sample Point ID: Kitchen EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:37	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	6.9	ug/L	0.5	1
1008 (201703220549)						Sampled on 03/20/2017 0745			
Sample Type: Sink Facility ID: Pre-fab 1008 Sample Point ID: Main Room EPA 200.8 - ICPMS Metals									
03/23/17	03/25/17 12:38	980686	981215	(EPA 200.8)	Lead Total ICAP/MS	1.8	ug/L	0.5	1

Tel: (626) 386-1100
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Arizona Department of Environmental Quality

ICPMS Metals

Prep Batch: 980686 Analytical Batch: 981215

201703220534	1001
201703220535	1002-1
201703220538	1002-2
201703220539	1003-1
201703220540	1003-2
201703220541	1004-1
201703220542	1004-2
201703220543	1005-1
201703220544	1005-2
201703220546	1006-2
201703220547	1007-1
201703220548	1007-2
201703220549	1008

Analysis Date: 03/25/2017

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

ICPMS Metals

Prep Batch: 980686 Analytical Batch: 981582

201703220545	1006-1
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Analysis Date: 03/29/2017

Analyzed by: DTN

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

Laboratory QC
Report: 646648

Arizona Department of Environmental Quality

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
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ICPMS Metals by EPA 200.8

Analytical Batch: 981215

Analysis Date: 03/25/2017

LCS1	Lead Total ICAP/MS		20	19.8	ug/L	99	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.0	ug/L	100	(85-115)	20	0.50
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.535	ug/L	107	(50-150)		
MS_201703220446	Lead Total ICAP/MS	ND	20	21.6	ug/L	108	(70-130)		
MS2_201703220539	Lead Total ICAP/MS	6.5	20	27.8	ug/L	107	(70-130)		
MSD_201703220446	Lead Total ICAP/MS	ND	20	21.2	ug/L	106	(70-130)	20	2.3
MSD2_201703220539	Lead Total ICAP/MS	6.5	20	27.7	ug/L	106	(70-130)	20	0.36

ICPMS Metals by EPA 200.8

Analytical Batch: 981582

Analysis Date: 03/29/2017

LCS1	Lead Total ICAP/MS		20	20.2	ug/L	101	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.5	ug/L	103	(85-115)	20	1.5
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.518	ug/L	104	(50-150)		
MS_201703210929	Lead Total ICAP/MS	0.66	20	20.6	ug/L	100	(70-130)		
MS2_201703210930	Lead Total ICAP/MS	ND	20	19.7	ug/L	98	(70-130)		
MSD_201703210929	Lead Total ICAP/MS	0.66	20	20.6	ug/L	100	(70-130)	20	0.0
MSD2_201703210930	Lead Total ICAP/MS	ND	20	20.1	ug/L	100	(70-130)	20	2.0

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.