eurofins | Eaton Analytical

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ilac-MRA

ACLASS ACCREDITED TESTING AT-1807

Laboratory Report

for

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

Date of Issue
02/16/2017

Eurofins Eaton Analytical

TDF: Thomas.D.French

Project Manager

NELAP ACCREDITED TNI LABORATORY
ORELAP 4034

Report: 638478
Project: AJ-UD
ADHS License #: AZ0778
Group: Apache Junction High School
PO#: 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	Environ-mental (Drinking Water)	Environ-mental (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/DBCP and DBP	EPA 551.1	x		x
EDTA and NTA	In House Method (2454)	x		x
Endothall	EPA 548.1	x		x
Endothall	In-house Method (2445)	x		x
Enterococci	SM 9230B	x	x	
Fecal Coliform	SM 9221 E (MTF/EC)	x		
Fecal Coliform	SM 9221C, E (MTF/EC)		x	
Fecal Coliform (Enumeration)	SM 9221E (MTF/EC)	x		x
Fecal Coliform with Chlorine Present	SM 9221E		x	
Fecal Streptococci	SM 9230B	x	x	
Fluoride	SM 4500-F C	x	x	x
Giardia	EPA 1623	x		x
Glyphosate	EPA 547	x		x
Gross Alpha/Beta	EPA 900.0	x	x	x
Gross Alpha Coprecipitation	SM 7110 C	x	x	x
Hardness	SM 2340B	x	x	x
Heterotrophic Bacteria	In House Method (2439)	x		x
Heterotrophic Bacteria	SM 9215 B	x		x
Hexavalent Chromium	EPA 218.6	x	x	x

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environ-mental (Drinking Water)	Environ-mental (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^3B	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

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Acknowledgement of Samples Received

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

Client ID: ADEQ-LEAD
Folder #: 638478
Project: AJ-UD
Sample Group: Apache Junction High School

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

Project Manager: Thomas.D.French
Phone: (480) 778-1558
Sampler: Larry Hill

The following samples were received from you on **February 13, 2017** at **1136**. 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
201702130397	Band Room	02/08/2017 0513
	Sample Type: drinking fountain Facility ID: Band Room Sample Point ID: Band Room	
	@ICPMS Freight - Outbound Freight - Return	
201702130398	Cafe	02/08/2017 0614
	Sample Type: drinking fountain Facility ID: Cafe Sample Point ID: Cafe	
	@ICPMS	
201702130399	Cafe Kitchen	02/08/2017 0618
	Sample Type: Sink Facility ID: Cafe Kitchen Sample Point ID: Kitchen	
	@ICPMS	
201702130400	H.S. Admin	02/08/2017 0555
	Sample Type: drinking fountain Facility ID: H.S. Admin Sample Point ID: Hallway	
	@ICPMS	
201702130401	Building O	02/08/2017 0548
	Sample Type: Sink Facility ID: Building O Sample Point ID: Room 223	
	@ICPMS	
201702130402	Building Q	02/08/2017 0507
	Sample Type: Sink Facility ID: Building Q Sample Point ID: Kitchen	
	@ICPMS	
201702130403	Building R	02/08/2017 0544
	Sample Type: Sink Facility ID: Building R Sample Point ID: Room 254	
	@ICPMS	
201702130404	Building W	02/08/2017 0540
	Sample Type: Sink Facility ID: Building W Sample Point ID: Classroom	

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Sample #	Sample ID	Sample Date
	@ICPMS	
201702130405	Building X	02/08/2017 0537
	Sample Type: drinking fountain Facility ID: Building X Sample Point ID: Outside	
	@ICPMS	
201702130406	LC1	02/08/2017 0535
	Sample Type: drinking fountain Facility ID: LC1 Sample Point ID: Mall	
	@ICPMS	
201702130407	LC2	02/08/2017 0521
	Sample Type: drinking fountain Facility ID: LC2 Sample Point ID: Mall	
	@ICPMS	
201702130408	N.Gym	02/08/2017 0504
	Sample Type: drinking fountain Facility ID: N.Gym Sample Point ID: Hallway	
	@ICPMS	
201702130409	S.Gym	02/08/2017 0525
	Sample Type: drinking fountain Facility ID: S.Gym Sample Point ID: Hallway	
	@ICPMS	
201702130410	Math Building	02/08/2017 0530
	Sample Type: Sink Facility ID: Math Building Sample Point ID: Office	
	@ICPMS	
201702130411	Concession	02/08/2017 0620
	Sample Type: drinking fountain Facility ID: Concession Sample Point ID: Outside	
	@ICPMS	
201702130412	PAC	02/08/2017 0516

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Sample #	Sample ID	Sample Date
	Sample Type: drinking fountain Facility ID: PAC Sample Point ID: Lobby @ICPMS	
201702130413	Tech	02/08/2017 0518
	Sample Type: drinking fountain Facility ID: Tech Sample Point ID: Hallway @ICPMS	

Test Description

@ICPMS -- ICPMS Metals

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YM

Sample Collection Record

To be completed by the sample collector

638478

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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	Band Room
Type of Fixture (tap, drinking fountain etc.)	drinking fountain
Location of Fixture (example, room number)	Band Room
Sample Identification Number (ensure this number is also on the sample container)	Band Room
Date of Collection	2-8-17
Time of Collection	5:13 AM
Name of Sample Collector	LARRY HILL
Signature Sample Collector	[signature]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

[signature] YUDI 2/13/17 11:36

44

Sample Collection Record

To be completed by the sample collector

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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	Cafe.
Type of Fixture (tap, drinking fountain etc.)	drinking Fountain
Location of Fixture (example, room number)	Cafe.
Sample Identification Number (ensure this number is also on the sample container)	Cafe
Date of Collection	2.8.17
Time of Collection	6:14 AM
Name of Sample Collector	Larry Hill
Signature Sample Collector	Ly R.

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

YVDI 2/13/17 11:38

4M

Sample Collection Record

To be completed by the sample collector

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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	Cafe Kitchen
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Kitchen
Sample Identification Number (ensure this number is also on the sample container)	Cafe Kitchen
Date of Collection	2.8.17
Time of Collection	6:18 AM
Name of Sample Collector	LARRY Hill
Signature Sample Collector	[illegible]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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[illegible] 2/13/17 11:36

YM

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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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	H.S. Admin
Type of Fixture (tap, drinking fountain etc.)	drinking fountain
Location of Fixture (example, room number)	Hallway
Sample Identification Number (ensure this number is also on the sample container)	H.S. Admin
Date of Collection	2.8.17
Time of Collection	5:55 AM
Name of Sample Collector	Larry Hill
Signature Sample Collector	[signature]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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YVDI

2/13/17
1136

44

Sample Collection Record

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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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	Building O
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Room 223
Sample Identification Number (ensure this number is also on the sample container)	Building O
Date of Collection	2-8-17
Time of Collection	5:48 AM
Name of Sample Collector	Larry Hill
Signature Sample Collector	[illegible]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

[illegible] 4101

2/13/17
1036

407

Sample Collection Record

To be completed by the sample collector

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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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	Building Q
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Kitchen
Sample Identification Number (ensure this number is also on the sample container)	Building Q
Date of Collection	2-8-17
Time of Collection	5:07 AM
Name of Sample Collector	Larry Hill
Signature Sample Collector	[illegible]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

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2/13/17
11:36

YM

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Name of School District	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	Building R
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Room 254
Sample Identification Number (ensure this number is also on the sample container)	Building R
Date of Collection	2-8-17
Time of Collection	5:44 Am
Name of Sample Collector	Larry Hill
Signature Sample Collector	[illegible]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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[illegible] YMM

2/13/17
11:36

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Name of School District	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	Building W
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Classroom
Sample Identification Number (ensure this number is also on the sample container)	Building W
Date of Collection	2-8-17
Time of Collection	5:40 AM
Name of Sample Collector	Larry Hill
Signature Sample Collector	[illegible]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

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YUDI 2/13/17 11:36

YM

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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	Apache Junction Unified Schol
Name of School	AJ High
Building (name/number)	Building X
Type of Fixture (tap, drinking fountain etc.)	drinking fountain
Location of Fixture (example, room number)	Out Side
Sample Identification Number (ensure this number is also on the sample container)	Building X
Date of Collection	2-8-17
Time of Collection	5:37 AM
Name of Sample Collector	LARRY HILL
Signature Sample Collector	Ly Hi

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

YVDI 2/13/17 11:36

YM

Sample Collection Record

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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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	LC 1
Type of Fixture (tap, drinking fountain etc.)	drinking fountain
Location of Fixture (example, room number)	MAIL
Sample Identification Number (ensure this number is also on the sample container)	LC1
Date of Collection	2.8.17
Time of Collection	5:35 AM
Name of Sample Collector	LARRY Hill
Signature Sample Collector	Ly Hi

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

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YUDI 2/13/17 11:36

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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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	LC 2
Type of Fixture (tap, drinking fountain etc.)	drinking fountain
Location of Fixture (example, room number)	mail
Sample Identification Number (ensure this number is also on the sample container)	LC 2
Date of Collection	2-8-17
Time of Collection	5:21 AM
Name of Sample Collector	Larry Hill
Signature Sample Collector	[signature]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

[signature] 4VD1 2/13/17 1136

YM

Sample Collection Record

To be completed by the sample collector

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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	N. Gym
Type of Fixture (tap, drinking fountain etc.)	drinking fountain
Location of Fixture (example, room number)	Hallway
Sample Identification Number (ensure this number is also on the sample container)	N. Gym
Date of Collection	2-8-17
Time of Collection	5:04 AM
Name of Sample Collector	Larry Hill
Signature Sample Collector	[illegible]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

[illegible] 2/13/17 11:36

YM

Sample Collection Record

To be completed by the sample collector

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	Apache Junction Unified School
Name of School	A J High
Building (name/number)	S. Gym
Type of Fixture (tap, drinking fountain etc.)	drinking fountain
Location of Fixture (example, room number)	Hallway
Sample Identification Number (ensure this number is also on the sample container)	S. Gym
Date of Collection	2-8-17
Time of Collection	5:25 Am
Name of Sample Collector	Larry Hill
Signature Sample Collector	[illegible]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

[illegible] 4001

2/13/17
11:36

44

Sample Collection Record

To be completed by the sample collector

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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	Math Building
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Office
Sample Identification Number (ensure this number is also on the sample container)	Math Building
Date of Collection	2-8-17
Time of Collection	5:30 AM
Name of Sample Collector	Larry Hill
Signature Sample Collector	[illegible]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

[illegible] 4/17

2/13/17
11:36

YM

Sample Collection Record

To be completed by the sample collector

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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	Concession
Type of Fixture (tap, drinking fountain etc.)	drinking fountain
Location of Fixture (example, room number)	outside
Sample Identification Number (ensure this number is also on the sample container)	Concession
Date of Collection	2.8.17
Time of Collection	6:20 AM
Name of Sample Collector	LARRY Hill
Signature Sample Collector	[illegible]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

YKDI

2/13/17

1130

YM

Sample Collection Record

To be completed by the sample collector

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	Apache Junction Unified School
Name of School	AJ High
Building (name/number)	PAC
Type of Fixture (tap, drinking fountain etc.)	drinking fountain
Location of Fixture (example, room number)	Lobby
Sample Identification Number (ensure this number is also on the sample container)	PAC
Date of Collection	2·8·17
Time of Collection	5:16 AM
Name of Sample Collector	Larry Hill
Signature Sample Collector	[illegible]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

[illegible] 4/4/21

2/13/17 1:36

YUY

Sample Collection Record

To be completed by the sample collector

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	Apache Junction Unified School
Name of School	A J High
Building (name/number)	Tech
Type of Fixture (tap, drinking fountain etc.)	drinking fountain
Location of Fixture (example, room number)	Hallway
Sample Identification Number (ensure this number is also on the sample container)	Tech
Date of Collection	2-8-17
Time of Collection	5:18 AM
Name of Sample Collector	Larry Hill
Signature Sample Collector	[illegible]

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples are collected and are to be analyzed for screening purposes only and cannot be used for compliance.

YUDI 2/13/17 11:36

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INTERNAL CHAIN OF CUSTODY RECORD

COMPANY NAME / EEA CLIENT CODE:	PROJECT CODE:

SAMPLES REC'D DAY OF COLLECTION? ☐

SAMPLE TEMP RECEIVED:

IR Gun ID = 559A (Observation= 20.1 °C) (Corr.Factor -0.4 °C) (Final = 19.7 °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= ____ °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 : (non-GLEC) 524.3: (Observation= ____ °C) (Corr.Factor ____ °C) (Final = ____ °C)

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.

	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
RECEIVED BY:	[signature]	UM	Eurofins Eaton Analytical	2/13/17	11:36

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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

Note: Sampler Please return this paper with your samples

Kit #: 157526

Created By: Thomas.D.French - [TDF]
Deliver By: 01/31/2017
STG: Bottle Orders
Ice Type: W

Client ID: ADEQ-LEAD
Project Code: AJ-UD Bottle Orders
Group Name: Apache Junction High School
PO#/JOB#:

Ship Sample Kits to
Apache Junction Unified School District
2535 S. Ironwood Drive
Apache Junction, AZ 85120

Attn: Larry Hill
Phone: (602) 228-4884

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	Bottle Qty - Type [preservative information]	UN DOT #
43	@ICPMS	1 - 250ml poly [no preservative]	

Comments

Apache Junction High School -Include AJ Unified District Full Sample list, 43 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 43 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.

EUROFINS EATON ANALYTICAL
750 ROYAL OAKS DR
STE 100
MONROVIA,CA
G
91016-6356-99

223-6083FL
ETP:14 2D:MR:100:Y
720479459546

Code	Status	Date Shipped	Via	Tracking #	# of Coolers	Prepared By

School District	School				Year	Samples
Apache Junction Unified District	Apache Junction High School	1001	Building H	Classrooms	1963	2
Apache Junction Unified District	Apache Junction High School	1002	Building J	Classrooms/North	1970	2
Apache Junction Unified District	Apache Junction High School	1003	Building T (RETIRED THROUGH DEF. CORR.)	Old Gym/Athletics	1970	2
Apache Junction Unified District	Apache Junction High School	1004	Building P	HS Admin & Counseling	1974	2
Apache Junction Unified District	Apache Junction High School	1005	Building I	Classrooms/Pod A	1974	2
Apache Junction Unified District	Apache Junction High School	1006	Building M	Classrooms/Pod B	1974	2
Apache Junction Unified District	Apache Junction High School	1007	Building N (RETIRED THROUGH DEF. CORR.)	Classrooms/Pod C	1974	2
Apache Junction Unified District	Apache Junction High School	1008	Building O (RETIRED THROUGH DEF. CORR.)	Classrooms on Gym	1974	2
Apache Junction Unified District	Apache Junction High School	1009	Building R (RETIRED THROUGH DEF. CORR.)	Classrooms/Pod F	1974	2
Apache Junction Unified District	Apache Junction High School	1011	Building Q	HS Admin & Counseling	1974	2
Apache Junction Unified District	Apache Junction High School	1012	Building U (RETIRED THROUGH DEF. CORR.)	Classroom on South Gym	1974	2
Apache Junction Unified District	Apache Junction High School	1013	Building V (RETIRED THROUGH DEF. CORR.)	Woodshop on South Gym	1976	2
Apache Junction Unified District	Apache Junction High School	1014	Building D	Girls Gym/Cafe	1977	2
Apache Junction Unified District	Apache Junction High School	1015	Building G	Music/Band Room	1978	2
Apache Junction Unified District	Apache Junction High School	1016	Building F	District Administration	1978	2
Apache Junction Unified District	Apache Junction High School	1017	Building S	Math Classroom Wing	1988	1
Apache Junction Unified District	Apache Junction High School	1018	Building W	Science Classroom	1988	1
Apache Junction Unified District	Apache Junction High School	1019	Building X	Science Classroom	1988	1
Apache Junction Unified District	Apache Junction High School	1020	Building E	Performing Arts	1990	1

School District	School				Year	Samples
Apache Junction Unified District	Apache Junction High School	1021	Building Y	Concession Stand	1991	1
Apache Junction Unified District	Apache Junction High School	1022	Building C	North Gym/Athletics	1998	1
Apache Junction Unified District	Apache Junction High School	1023	New Building K	Technology/Media Ctr	2000	1
Apache Junction Unified District	Apache Junction High School	1024	Building A	HS Admin & Counseling	2000	1
Apache Junction Unified District	Apache Junction High School	1025	Building T	Gym South	2004	1
Apache Junction Unified District	Apache Junction High School	1026	Building O	Classrooms North	2004	1
Apache Junction Unified District	Apache Junction High School	1027	Building R	Classrooms South	2004	1
Apache Junction Unified District	Apache Junction High School	1028	LCS	Classrooms	2007	1
Apache Junction Unified District	Apache Junction High School	1029	LCS II	Classrooms	2009	1
Total Containers						43

Sampling Plan & Collection Record
Public School Lead Drinking Water Screening Program

Use these procedures for collecting samples of water for lead testing at school. This protocol is part of a proactive program to screen the drinking water at Arizona schools for lead. Schools will be provided a sampling kit that will include this form, a list of school buildings to sample, sampling containers and return shipping if needed.

Sample Locations

When possible select two sampling locations from each building built before 1987 and as instructed for newer buildings. Prioritize sampling locations based on how frequently someone could drink from them. The chart below should be used to select sampling locations.

Recommended	Not Recommended
Drinking fountains	Bathroom sinks
Preschool classrooms	Janitor closets
Cafeteria and kitchen sinks	Hose bibs
Nurse's/health office sinks	Taps attached to water softeners
Home economics room sinks	Taps attached Point of Use devises
Any sink known to be or visibly used for consumption	Fixtures where human consumption of the water is not likely to occur

Sample Collection

1. Collect all water samples before the facility opens for the day and any water usage occurs.
2. The water must have sat in the pipes for at least six hours before a sample is taken.
3. Collect samples in the container(s) provided by completing the following steps:
   1) Open sample container
   2) Hold sample container under fixture (**cold water only**)
   3) Turn on fixture
   4) Fill sample container
   5) Close sample container tightly
4. Assign a **unique** sample identification number to each sample. Record that number on the Sample Collection Record form and sample container.
5. Accurately complete the "**Sample Collection Record**" provided immediately following the collection of each sample. Use a Sharpie brand pen to fill out the form. **Accurate information about the sample is essential.**
6. Ship the samples as instructed within 3 days. Place all Sample Collection Records in a water tight container such as a zip lock bag. Keep the Sample Collection Record with the samples. **PLEASE RETURN THE KIT ORDER FORM that accompanies the sample kits for each school with this paperwork also.** The lab (Eurofins Eaton Analytical, Inc.) must receive the sample within 10 days in order for them to be analyzed.

For more information see our Public Schools Drinking Water Lead Screening Program web site at http://www.azdeq.gov/public-school-drinking-water-lead-screening-program.

Eaton Analytical

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

Laboratory Comments
Report: 638478

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

The Comments Report may be blank if there are no comments for this report.

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

Laboratory Hits
Report: 638478

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

Samples Received on:
02/13/2017 1136

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
	201702130397	**Band Room**				
02/15/2017 10:53	Lead Total ICAP/MS		1.2	15	ug/L	0.5
	201702130398	**Cafe**				
02/15/2017 11:02	Lead Total ICAP/MS		1.7	15	ug/L	0.5
	201702130399	**Cafe Kitchen**				
02/15/2017 11:04	Lead Total ICAP/MS		2.5	15	ug/L	0.5
	201702130401	**Building O**				
02/15/2017 11:07	Lead Total ICAP/MS		1.7	15	ug/L	0.5
	201702130402	**Building Q**				
02/15/2017 11:08	Lead Total ICAP/MS		3.7	15	ug/L	0.5
	201702130403	**Building R**				
02/15/2017 11:10	Lead Total ICAP/MS		1.6	15	ug/L	0.5
	201702130404	**Building W**				
02/15/2017 11:12	Lead Total ICAP/MS		33	15	ug/L	0.5
	201702130405	**Building X**				
02/15/2017 11:13	Lead Total ICAP/MS		0.97	15	ug/L	0.5
	201702130410	**Math Building**				
02/15/2017 11:38	Lead Total ICAP/MS		4.9	15	ug/L	0.5
	201702130411	**Concession**				
02/15/2017 11:40	Lead Total ICAP/MS		0.60	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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Laboratory Data
Report: 638478

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

Samples Received on:
02/13/2017 1136

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Band Room (201702130397)							**Sampled on 02/08/2017 0513**		
Sample Type: drinking fountain									
Facility ID: Band Room									
Sample Point ID: Band Room									
EPA 200.8 - ICPMS Metals									
02/14/17	02/15/17 10:53	969596	970070	(EPA 200.8)	Lead Total ICAP/MS	1.2	ug/L	0.5	1
Cafe (201702130398)							**Sampled on 02/08/2017 0614**		
Sample Type: drinking fountain									
Facility ID: Cafe									
Sample Point ID: Cafe									
EPA 200.8 - ICPMS Metals									
02/14/17	02/15/17 11:02	969596	970070	(EPA 200.8)	Lead Total ICAP/MS	1.7	ug/L	0.5	1
Cafe Kitchen (201702130399)							**Sampled on 02/08/2017 0618**		
Sample Type: Sink									
Facility ID: Cafe Kitchen									
Sample Point ID: Kitchen									
EPA 200.8 - ICPMS Metals									
02/14/17	02/15/17 11:04	969596	970070	(EPA 200.8)	Lead Total ICAP/MS	2.5	ug/L	0.5	1
H.S. Admin (201702130400)							**Sampled on 02/08/2017 0555**		
Sample Type: drinking fountain									
Facility ID: H.S. Admin									
Sample Point ID: Hallway									
EPA 200.8 - ICPMS Metals									
02/14/17	02/15/17 11:05	969596	970070	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
Building O (201702130401)							**Sampled on 02/08/2017 0548**		
Sample Type: Sink									
Facility ID: Building O									
Sample Point ID: Room 223									
EPA 200.8 - ICPMS Metals									
02/14/17	02/15/17 11:07	969596	970070	(EPA 200.8)	Lead Total ICAP/MS	1.7	ug/L	0.5	1
Building Q (201702130402)							**Sampled on 02/08/2017 0507**		
Sample Type: Sink									
Facility ID: Building Q									
Sample Point ID: Kitchen									
EPA 200.8 - ICPMS Metals									
02/14/17	02/15/17 11:08	969596	970070	(EPA 200.8)	Lead Total ICAP/MS	3.7	ug/L	0.5	1
Building R (201702130403)							**Sampled on 02/08/2017 0544**		
Sample Type: Sink									
Facility ID: Building R									
Sample Point ID: Room 254									
EPA 200.8 - ICPMS Metals									
02/14/17	02/15/17 11:10	969596	970070	(EPA 200.8)	Lead Total ICAP/MS	1.6	ug/L	0.5	1
Building W (201702130404)							**Sampled on 02/08/2017 0540**		

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

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Laboratory Data
Report: 638478

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

Samples Received on:
02/13/2017 1136

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
	Sample Type: Sink								
	Facility ID: Building W								
	Sample Point ID: Classroom								
	EPA 200.8 - ICPMS Metals								
02/14/17	02/15/17 11:12	969596	970070	(EPA 200.8)	Lead Total ICAP/MS	33	ug/L	0.5	1
Building X (201702130405)							**Sampled on 02/08/2017 0537**		
	Sample Type: drinking fountain								
	Facility ID: Building X								
	Sample Point ID: Outside								
	EPA 200.8 - ICPMS Metals								
02/14/17	02/15/17 11:13	969596	970070	(EPA 200.8)	Lead Total ICAP/MS	0.97	ug/L	0.5	1
LC1 (201702130406)							**Sampled on 02/08/2017 0535**		
	Sample Type: drinking fountain								
	Facility ID: LC1								
	Sample Point ID: Mall								
	EPA 200.8 - ICPMS Metals								
02/14/17	02/15/17 11:18	969596	970070	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
LC2 (201702130407)							**Sampled on 02/08/2017 0521**		
	Sample Type: drinking fountain								
	Facility ID: LC2								
	Sample Point ID: Mall								
	EPA 200.8 - ICPMS Metals								
02/14/17	02/15/17 11:27	969596	970071	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
N.Gym (201702130408)							**Sampled on 02/08/2017 0504**		
	Sample Type: drinking fountain								
	Facility ID: N.Gym								
	Sample Point ID: Hallway								
	EPA 200.8 - ICPMS Metals								
02/14/17	02/15/17 11:32	969596	970071	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
S.Gym (201702130409)							**Sampled on 02/08/2017 0525**		
	Sample Type: drinking fountain								
	Facility ID: S.Gym								
	Sample Point ID: Hallway								
	EPA 200.8 - ICPMS Metals								
02/14/17	02/15/17 11:34	969596	970071	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
Math Building (201702130410)							**Sampled on 02/08/2017 0530**		
	Sample Type: Sink								
	Facility ID: Math Building								
	Sample Point ID: Office								
	EPA 200.8 - ICPMS Metals								
02/14/17	02/15/17 11:38	969596	970071	(EPA 200.8)	Lead Total ICAP/MS	4.9	ug/L	0.5	1
Concession (201702130411)							**Sampled on 02/08/2017 0620**		

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

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Laboratory Data
Report: 638478

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

Samples Received on:
02/13/2017 1136

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
	Sample Type: drinking fountain								
	Facility ID: Concession								
	Sample Point ID: Outside								
	EPA 200.8 - ICPMS Metals								
02/14/17	02/15/17 11:40	969596	970071	(EPA 200.8)	Lead Total ICAP/MS	0.60	ug/L	0.5	1
PAC (201702130412)							**Sampled on 02/08/2017 0516**		
	Sample Type: drinking fountain								
	Facility ID: PAC								
	Sample Point ID: Lobby								
	EPA 200.8 - ICPMS Metals								
02/14/17	02/15/17 11:42	969596	970071	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
Tech (201702130413)							**Sampled on 02/08/2017 0518**		
	Sample Type: drinking fountain								
	Facility ID: Tech								
	Sample Point ID: Hallway								
	EPA 200.8 - ICPMS Metals								
02/14/17	02/15/17 11:43	969596	970071	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1

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

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ICPMS Metals

Prep Batch: 969596 Analytical Batch: 970070 **Analysis Date: 02/15/2017**

201702130397	Band Room	Analyzed by: DTN
201702130398	Cafe	Analyzed by: DTN
201702130399	Cafe Kitchen	Analyzed by: DTN
201702130400	H.S. Admin	Analyzed by: DTN
201702130401	Building O	Analyzed by: DTN
201702130402	Building Q	Analyzed by: DTN
201702130403	Building R	Analyzed by: DTN
201702130404	Building W	Analyzed by: DTN
201702130405	Building X	Analyzed by: DTN
201702130406	LC1	Analyzed by: DTN

ICPMS Metals

Prep Batch: 969596 Analytical Batch: 970071 **Analysis Date: 02/15/2017**

201702130407	LC2	Analyzed by: DTN
201702130408	N.Gym	Analyzed by: DTN
201702130409	S.Gym	Analyzed by: DTN
201702130410	Math Building	Analyzed by: DTN
201702130411	Concession	Analyzed by: DTN
201702130412	PAC	Analyzed by: DTN
201702130413	Tech	Analyzed by: DTN

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Laboratory QC
Report: 638478

Arizona Department of Environmental Quality

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
ICPMS Metals by EPA 200.8									
Analytical Batch: 970070							**Analysis Date: 02/15/2017**		
LCS1	Lead Total ICAP/MS		20	19.8	ug/L	99	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.7	ug/L	104	(85-115)	20	4.4
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.548	ug/L	110	(50-150)		
MS_201702130376	Lead Total ICAP/MS	ND	20	19.7	ug/L	98	(70-130)		
MS2_201702130397	Lead Total ICAP/MS	1.2	20	20.2	ug/L	95	(70-130)		
MSD_201702130376	Lead Total ICAP/MS	ND	20	19.7	ug/L	99	(70-130)	20	0.0
MSD2_201702130397	Lead Total ICAP/MS	1.2	20	20.4	ug/L	96	(70-130)	20	0.49
ICPMS Metals by EPA 200.8									
Analytical Batch: 970071							**Analysis Date: 02/15/2017**		
LCS1	Lead Total ICAP/MS		20	19.4	ug/L	97	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.9	ug/L	99	(85-115)	20	2.5
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.516	ug/L	103	(50-150)		
MS_201702130407	Lead Total ICAP/MS	ND	20	19.1	ug/L	95	(70-130)		
MS2_201702130496	Lead Total ICAP/MS	0.82	20	22.2	ug/L	107	(70-130)		
MSD_201702130407	Lead Total ICAP/MS	ND	20	19.4	ug/L	97	(70-130)	20	1.6
MSD2_201702130496	Lead Total ICAP/MS	0.82	20	19.5	ug/L	93	(70-130)	20	13

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.