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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
04/19/2017



Eurofins Eaton
Analytical

TDF: Thomas.D.French
Project Manager



Report: 649622
Project: ORACLE-ESD
ADHS License #: AZ0778
Group: Mountain Vista 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
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/DBCP and DBP	EPA 551.1	x		x
EDTA and NTA	In House Method (2454)	x		x
Endothall	EPA 548.1	x		x
Endothall	In-house Method (2445)	x		x
Enterococci	SM 9230B	x	x	
Fecal Coliform	SM 9221 E (MTF/EC)	x		
Fecal Coliform	SM 9221C, E (MTF/EC)		x	
Fecal Coliform (Enumeration)	SM 9221E (MTF/EC)	x		x
Fecal Coliform with Chlorine Present	SM 9221E		x	
Fecal Streptococci	SM 9230B	x	x	
Fluoride	SM 4500-F C	x	x	x
Giardia	EPA 1623	x		x
Glyphosate	EPA 547	x		x
Gross Alpha/Beta	EPA 900.0	x	x	x
Gross Alpha Coprecipitation	SM 7110 C	x	x	x
Hardness	SM 2340B	x	x	x
Heterotrophic Bacteria	In House Method (2439)	x		x
Heterotrophic Bacteria	SM 9215 B	x		x
Hexavalent Chromium	EPA 218.6	x	x	x

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environmental (Drinking Water)	Environmental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
Hexavalent Chromium	EPA 218.7	x		x
Hexavalent Chromium	SM 3500-Cr B		x	
Hormones	EPA 539	x		x
Hydroxide as OH Calc.	SM 2330B	x		x
Kjeldahl Nitrogen	EPA 351.2		x	
Legionella	CDC Legionella	x		x
Mercury	EPA 245.1	x	x	x
Metals	EPA 200.7 / 200.8	x	x	x
Microcystin LR	ELISA (2360)	x		x
NDMA	EPA 521	x		x
NDMA	TQ In house method based on EPA 521 (2425)	x		x
Nitrate/Nitrite Nitrogen	EPA 353.2	x	x	x
OCL, Pesticides/PCB	EPA 505	x		x
Ortho Phosphate	EPA 365.1	x	x	x
Ortho Phosphate	SM 4500P E			x
Ortho Phosphorous	SM 4500P E	x		
Oxyhalides Disinfection Byproducts	EPA 317.0	x		x
Perchlorate	EPA 331.0	x		x
Perchlorate (low and high)	EPA 314.0	x		x
Perfluorinated Alkyl Acids	EPA 537	x		x
pH	EPA 150.1	x		
pH	SM 4500-H+B	x	x	x
Phenylurea Pesticides/ Herbicides	In House Method, based on EPA 532 (2448)	x		x
Pseudomonas	IDEXX Pseudalert (2461)	x		x
Radium-226	GA Institute of Tech	x		x
Radium-228	GA Institute of Tech	x		x
Radon-222	SM 7500RN	x		x
Residue, Filterable	SM 2540C	x	x	x
Residue, Non-filterable	SM 2540D		x	
Residue, Total	SM 2540B		x	x
Residue, Volatile	EPA 160.4		x	
Semi-VOC	EPA 525.2	x		x
Semi-VOC	EPA 625		x	x
Silica	SM 4500-Si D	x	x	
Silica	SM 4500-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

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

Client ID: ADEQ-LEAD
Folder #: 649622
Project: ORACLE-ESD
Sample Group: Mountain Vista School

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

The following samples were received from you on **April 05, 2017 at 1530**. 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
201704051185	1001-0-1	04/01/2017 0845
	Sample Type: Drinking Fountain Facility ID: 1001 Sample Point ID: Front Office	
	@ICPMS	Freight - Outbound
		Freight - Return
201704051186	1001-0-2	04/01/2017 0843
	Sample Type: Nurse's/Helath Office Sink Facility ID: 1001 Sample Point ID: Front Office	
	@ICPMS	
201704051188	1002-1	04/01/2017 0918
	Sample Type: Drinking Fountain Facility ID: 1002 Sample Point ID: Hallway	
	@ICPMS	
201704051189	1002-6-2	04/01/2017 0926
	Sample Type: Drinking Fountain Facility ID: 1002 Sample Point ID: 6	
	@ICPMS	
201704051190	1003-1	04/01/2017 0856
	Sample Type: Drinking Fountain Facility ID: 1003 Sample Point ID: Cafeteria	
	@ICPMS	
201704051191	1003-2	04/01/2017 0900
	Sample Type: Tap Facility ID: 1003 Sample Point ID: Kitchen	
	@ICPMS	
201704051192	1004-12-2	04/01/2017 0932
	Sample Type: Drinking Fountain Facility ID: 1004 Sample Point ID: 12	
	@ICPMS	
201704051193	1004-14-1	04/01/2017 0930

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Sample #	Sample ID	Sample Date
	Sample Type: Tap Facility ID: 1004 Sample Point ID: 14 @ICPMS	
<u>201704051194</u>	1005-1	04/01/2017 0938
	Sample Type: Drinking Fountain Facility ID: 1005 Sample Point ID: Gymnasium @ICPMS	
<u>201704051195</u>	1006-18-1	04/01/2017 0814
	Sample Type: Drinking Fountain Facility ID: 1006 Sample Point ID: 18 @ICPMS	
<u>201704051196</u>	1006-18-2	04/01/2017 0817
	Sample Type: Tap Facility ID: 1006 Sample Point ID: 18 @ICPMS	
<u>201704051197</u>	1007-40	04/01/2017 0754
	Sample Type: Drinking Fountain Facility ID: 1007 Sample Point ID: 40 @ICPMS	
<u>201704051198</u>	1008-32	04/01/2017 0747
	Sample Type: Drinking Fountain Facility ID: 1008 Sample Point ID: 32 @ICPMS	
<u>201704051199</u>	1009-36	04/01/2017 0800
	Sample Type: Drinking Fountain Facility ID: 1009 Sample Point ID: 36 @ICPMS	
<u>201704051200</u>	1011-28-1	04/01/2017 0827
	Sample Type: Tap Facility ID: 1011 Sample Point ID: 28	

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Sample #	Sample ID	Sample Date
	@ICPMS	
201704051201	1011-27-2	04/01/2017 0829
	Sample Type: Tap Facility ID: 1011 Sample Point ID: 27	
	@ICPMS	
201704051202	1014-1	04/01/2017 0946
	Sample Type: Tap Facility ID: 1014 Sample Point ID: Bus Yard Office	
	@ICPMS	
201704051203	1016-45	04/01/2017 0910
	Sample Type: Tap Facility ID: 1016 Sample Point ID: 45	
	@ICPMS	

Test Description

@ICPMS -- ICPMS Metals

649622

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	Oroville Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1001
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Front Office
Sample Identification Number (<u>Write the number here and on sample container</u>)	1001-0-1
Date of Collection	4-1-17
Time of Collection	8:45 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	MKV
Notes: 22.6 °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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Name of School District	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1001
Type of Fixture (tap, drinking fountain etc.)	Nurse's / Health office sink
Location of Fixture (example, room number)	Front Office
Sample Identification Number (<u>Write the number here and on sample container</u>)	1001-0-2
Date of Collection	4-1-17
Time of Collection	8:43 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	MAC
Notes:	

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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Name of School District	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Hallway
Sample Identification Number (<u>Write the number here and on sample container</u>)	1002-1
Date of Collection	4-1-17
Time of Collection	9:18 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	MRC
Notes:	

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	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1002
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	6
Sample Identification Number (<u>Write the number here and on sample container</u>)	1002-6-2
Date of Collection	4-1-17
Time of Collection	9:26 A.M.
Printed Name of Sample Collector	Charles Huffman
Signature Sample Collector	<i>Charles Huffman</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	MAC
Notes:	

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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Name of School District	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1003
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Cafeteria
Sample Identification Number (<u>Write the number here and on sample container</u>)	1003-1
Date of Collection	4-1-17
Time of Collection	9:00 AM 8:56 AM.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	<i>Claude Huffman</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	MAV
Date and Time Lab received	4-5-17 15:30
Signature	MAV
Notes:	

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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Name of School District	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1003
Type of Fixture (tap, drinking fountain etc.)	Tap
Location of Fixture (example, room number)	Kitchen
Sample Identification Number (Write the number here and on sample container)	1003-2
Date of Collection	4-1-17
Time of Collection	9:00 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4.5.17 15:30
Signature	MAV
Notes:	

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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Name of School District	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1004
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	12
Sample Identification Number (<u>Write the number here and on sample container</u>)	1004-12-2
Date of Collection	4-1-17
Time of Collection	9:32 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	MM
Notes:	

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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Name of School District	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1004
Type of Fixture (tap, drinking fountain etc.)	Tap
Location of Fixture (example, room number)	14
Sample Identification Number (<u>Write the number here and on sample container</u>)	1004-14-1 1004-14-1
Date of Collection	4-1-17
Time of Collection	9:30 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	<i>Claude Huffman</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4.5.17 15:30
Signature	MAV
Notes:	

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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Name of School District	Osacle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1005
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Gymnasium
Sample Identification Number (<u>Write the number here and on sample container</u>)	1005-1
Date of Collection	4-1-17
Time of Collection	9:38 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	<i>Claude Huffman</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	<i>MAV</i>
Notes:	

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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Name of School District	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1006
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	18
Sample Identification Number (<u>Write the number here and on sample container</u>)	1006-18-1
Date of Collection	4-1-17
Time of Collection	8:14 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

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Name of School District	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1006
Type of Fixture (tap, drinking fountain etc.)	Tap
Location of Fixture (example, room number)	18
Sample Identification Number (<u>Write the number here and on sample container</u>)	1006-18-2
Date of Collection	4-1-17
Time of Collection	8:17 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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

Collection Log

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	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1007
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	40
Sample Identification Number (<u>Write the number here and on sample container</u>)	1007-40
Date of Collection	4-1-17
Time of Collection	7:54 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	MAC
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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

Collection Log

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	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1008
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	32
Sample Identification Number (<u>Write the number here and on sample container</u>)	1008-32
Date of Collection	4-1-17
Time of Collection	7:47 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	MAW
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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

Collection Log

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	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1009
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	36
Sample Identification Number (<u>Write the number here and on sample container</u>)	1009-36
Date of Collection	4-1-17
Time of Collection	8:00 AM.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4.5.17 15:30
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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

Collection Log

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	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1011
Type of Fixture (tap, drinking fountain etc.)	Tap
Location of Fixture (example, room number)	28
Sample Identification Number (<u>Write the number here and on sample container</u>)	1011-28-1
Date of Collection	4-1-17
Time of Collection	8:27 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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

Collection Log

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	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1011
Type of Fixture (tap, drinking fountain etc.)	Tap
Location of Fixture (example, room number)	27
Sample Identification Number (Write the number here and on sample container)	1011-27-2
Date of Collection	4-1-17
Time of Collection	8:29 a.m.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	<i>Claude Huffman</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	<i>MAV</i>
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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

Collection Log

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	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1014
Type of Fixture (tap, drinking fountain etc.)	Tap
Location of Fixture (example, room number)	Bus Yard Office
Sample Identification Number (<u>Write the number here and on sample container</u>)	1014-1
Date of Collection	4-1-17
Time of Collection	9:46 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	<i>Claude Huffman</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	<i>PLAC</i>
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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

Collection Log

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	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1016
Type of Fixture (tap, drinking fountain etc.)	Tap
Location of Fixture (example, room number)	45
Sample Identification Number (<u>Write the number here and on sample container</u>)	1016-45
Date of Collection	4-1-17
Time of Collection	9:10 A.M.
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	<i>Claude Huffman</i>

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4.5.17 15:30
Signature	<i>MAV</i>
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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

Collection Log

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	Oracle Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1015
Type of Fixture (tap, drinking fountain etc.)	
Location of Fixture (example, room number)	
Sample Identification Number (<u>Write the number here and on sample container</u>)	
Date of Collection	4-1-17
Time of Collection	
Printed Name of Sample Collector	Claude Huffman
Signature Sample Collector	Claude Huffman

Notes Sample collector:

No Water Source Available For Collection.

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	MRV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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

Collection Log

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	Orade Elementary School District #2
School Name	Mountain Vista School
Building (name/number)	1010
Type of Fixture (tap, drinking fountain etc.)	
Location of Fixture (example, room number)	
Sample Identification Number (<u>Write the number here and on sample container</u>)	
Date of Collection	4-1-17
Time of Collection	
Printed Name of Sample Collector	Claude Hoffman
Signature Sample Collector	Claude Hoffman

Notes Sample collector:

No Water Source Available For Collection.

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	4-5-17 15:30
Signature	MAN
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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



Eaton Analytical

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 #: 159566



Created By: Thomas.D.French - [TDF]
Deliver By: 02/20/2017

STG: Bottle Orders

Ice Type: W

Note: Sampler Please return this paper with your samples

Client ID: ADEQ-LEAD
Project Code: ORACLE-ESD Bottle Orders
Group Name: Mountain Vista School
PO#/JOB#:

Ship Sample Kits to
Oracle Elementary School District
725- N. Carpenter Drive
Oracle, AZ 85623

Attn: Dennis Blauser-Superintendent
Phone: (520) 896-3072

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

21

@ICPMS

Bottle Qty - Type [preservative information]

1 - 250ml poly [no preservative]

UN DOT #

Comments

Mountain Vista School - Include Oracle Elementary District Sample list, 21 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 21 sample containers. Return Shipment Fed EX

Sampler - please refer to Sampling Plan Records for instructions on completing paperwork and what to include with return shipment of the samples.

Code

Status

Date Shipped

Via

Tracking #

of Coolers

Prepared By



Eaton Analytical

INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

SAMPLE TEMP RECEIVED:

SAMPLES REC'D DAY OF COLLECTION? ☐

IR Gun ID = 5174 (Observation = 22.7 °C) (Corr.Factor = -1 °C) (Final = 22.6 °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: 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:	SIGNATURE	PRINT NAME	COMPANY/TITLE	DATE	TIME
	<u>MAN</u>	<u>MAN</u>	Eurofins Eaton Analytical	<u>4-5-17</u>	<u>15:30</u>

Oracle Elementary District	Mountain Vista School	1001	Administration	Princ. Office, Classrooms	1973	2618 W El Paseo	Oracle	85623	Pinal	2
Oracle Elementary District	Mountain Vista School	1002	Bateman, Red Brick	7th and 8th grades	1963	2618 W El Paseo	Oracle	85623	Pinal	2
Oracle Elementary District	Mountain Vista School	1003	Cafeteria	Cafeteria, Multipurpose Room	1973	2618 W El Paseo	Oracle	85623	Pinal	2
Oracle Elementary District	Mountain Vista School	1004	Science, Computer Labs	Science, Computer Labs	1974	2618 W El Paseo	Oracle	85623	Pinal	2
Oracle Elementary District	Mountain Vista School	1005	Gymnasium	Gymnasium	1992	2618 W El Paseo	Oracle	85623	Pinal	1
Oracle Elementary District	Mountain Vista School	1006	Library	Library	1980	2618 W El Paseo	Oracle	85623	Pinal	2
Oracle Elementary District	Mountain Vista School	1007	1988 Addition	Primary Grades	1988	2618 W El Paseo	Oracle	85623	Pinal	1
Oracle Elementary District	Mountain Vista School	1008	1988 Addition # 2	Primary, Intermediate Grades	1988	2618 W El Paseo	Oracle	85623	Pinal	1
Oracle Elementary District	Mountain Vista School	1009	Special Services	Rdg, Speech, Special Ed.	1992	2618 W El Paseo	Oracle	85623	Pinal	1
Oracle Elementary District	Mountain Vista School	1010	Maintenance Shack	Maintenance	1980	2618 W El Paseo	Oracle	85623	Pinal	2

Oracle Elementary District	Mountain Vista School	1011	Special Education	Special Education Bldg.	1971	2618 W El Paseo	Oracle	85623	Pinal	2
Oracle Elementary District	Mountain Vista School	1014	Transportation Building	Bus yard	1997	2618 W El Paseo	Oracle	85623	Pinal	1
Oracle Elementary District	Mountain Vista School	1015	Kiln Room	Storage of Kiln for Art Room	1992	2618 W El Paseo	Oracle	85623	Pinal	1
Oracle Elementary District	Mountain Vista School	1016	6th Grade Building	Classrooms - 6th Grade	2002	2618 W El Paseo	Oracle	85623	Pinal	1
Total Containers										21

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

Laboratory Comments
Report: 649622

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: 649622

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

Samples Received on:
04/05/2017 1530

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
04/14/2017 22:14	Lead Total ICAP/MS	<u>201704051186</u> <u>1001-0-2</u>	2.2	15	ug/L	0.5
04/14/2017 22:16	Lead Total ICAP/MS	<u>201704051189</u> <u>1002-6-2</u>	0.52	15	ug/L	0.5
04/14/2017 22:16	Lead Total ICAP/MS	<u>201704051190</u> <u>1003-1</u>	0.95	15	ug/L	0.5
04/14/2017 22:17	Lead Total ICAP/MS	<u>201704051191</u> <u>1003-2</u>	3.2	15	ug/L	0.5
04/14/2017 16:15	Lead Total ICAP/MS	<u>201704051192</u> <u>1004-12-2</u>	6.2	15	ug/L	0.5
04/14/2017 16:18	Lead Total ICAP/MS	<u>201704051193</u> <u>1004-14-1</u>	8.8	15	ug/L	0.5
04/14/2017 16:20	Lead Total ICAP/MS	<u>201704051196</u> <u>1006-18-2</u>	1.5	15	ug/L	0.5
04/14/2017 16:22	Lead Total ICAP/MS	<u>201704051197</u> <u>1007-40</u>	0.64	15	ug/L	0.5
04/14/2017 16:23	Lead Total ICAP/MS	<u>201704051198</u> <u>1008-32</u>	0.68	15	ug/L	0.5
04/14/2017 16:24	Lead Total ICAP/MS	<u>201704051199</u> <u>1009-36</u>	4.5	15	ug/L	0.5
04/14/2017 16:25	Lead Total ICAP/MS	<u>201704051200</u> <u>1011-28-1</u>	0.80	15	ug/L	0.5
04/14/2017 16:26	Lead Total ICAP/MS	<u>201704051201</u> <u>1011-27-2</u>	0.51	15	ug/L	0.5
04/14/2017 16:26	Lead Total ICAP/MS	<u>201704051202</u> <u>1014-1</u>	0.84	15	ug/L	0.5
04/14/2017 16:29	Lead Total ICAP/MS	<u>201704051203</u> <u>1016-45</u>	1.1	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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

Laboratory Data
Report: 649622

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

Samples Received on:
04/05/2017 1530

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
1001-0-1 (201704051185)						Sampled on 04/01/2017 0845			
Sample Type: Drinking Fountain Facility ID: 1001 Sample Point ID: Front Office									
EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 22:13	984229	986878	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
1001-0-2 (201704051186)						Sampled on 04/01/2017 0843			
Sample Type: Nurse's/Helath Office Sink Facility ID: 1001 Sample Point ID: Front Office									
EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 22:14	984229	986878	(EPA 200.8)	Lead Total ICAP/MS	2.2	ug/L	0.5	1
1002-1 (201704051188)						Sampled on 04/01/2017 0918			
Sample Type: Drinking Fountain Facility ID: 1002 Sample Point ID: Hallway									
EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 22:15	984229	986878	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
1002-6-2 (201704051189)						Sampled on 04/01/2017 0926			
Sample Type: Drinking Fountain Facility ID: 1002 Sample Point ID: 6									
EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 22:16	984229	986878	(EPA 200.8)	Lead Total ICAP/MS	0.52	ug/L	0.5	1
1003-1 (201704051190)						Sampled on 04/01/2017 0856			
Sample Type: Drinking Fountain Facility ID: 1003 Sample Point ID: Cafeteria									
EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 22:16	984229	986878	(EPA 200.8)	Lead Total ICAP/MS	0.95	ug/L	0.5	1
1003-2 (201704051191)						Sampled on 04/01/2017 0900			
Sample Type: Tap Facility ID: 1003 Sample Point ID: Kitchen									
EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 22:17	984229	986878	(EPA 200.8)	Lead Total ICAP/MS	3.2	ug/L	0.5	1
1004-12-2 (201704051192)						Sampled on 04/01/2017 0932			
Sample Type: Drinking Fountain Facility ID: 1004 Sample Point ID: 12									
EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:15	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	6.2	ug/L	0.5	1
1004-14-1 (201704051193)						Sampled on 04/01/2017 0930			

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

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

Laboratory Data
Report: 649622

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

Samples Received on:
04/05/2017 1530

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Tap Facility ID: 1004 Sample Point ID: 14 EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:18	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	8.8	ug/L	0.5	1
1005-1 (201704051194)						Sampled on 04/01/2017 0938			
Sample Type: Drinking Fountain Facility ID: 1005 Sample Point ID: Gymnasium EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:18	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
1006-18-1 (201704051195)						Sampled on 04/01/2017 0814			
Sample Type: Drinking Fountain Facility ID: 1006 Sample Point ID: 18 EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:19	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
1006-18-2 (201704051196)						Sampled on 04/01/2017 0817			
Sample Type: Tap Facility ID: 1006 Sample Point ID: 18 EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:20	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	1.5	ug/L	0.5	1
1007-40 (201704051197)						Sampled on 04/01/2017 0754			
Sample Type: Drinking Fountain Facility ID: 1007 Sample Point ID: 40 EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:22	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	0.64	ug/L	0.5	1
1008-32 (201704051198)						Sampled on 04/01/2017 0747			
Sample Type: Drinking Fountain Facility ID: 1008 Sample Point ID: 32 EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:23	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	0.68	ug/L	0.5	1
1009-36 (201704051199)						Sampled on 04/01/2017 0800			
Sample Type: Drinking Fountain Facility ID: 1009 Sample Point ID: 36 EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:24	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	4.5	ug/L	0.5	1
1011-28-1 (201704051200)						Sampled on 04/01/2017 0827			

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

Laboratory Data
Report: 649622

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

Samples Received on:
04/05/2017 1530

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Tap Facility ID: 1011 Sample Point ID: 28 EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:25	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	0.80	ug/L	0.5	1
<u>1011-27-2 (201704051201)</u>						Sampled on 04/01/2017 0829			
Sample Type: Tap Facility ID: 1011 Sample Point ID: 27 EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:26	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	0.51	ug/L	0.5	1
<u>1014-1 (201704051202)</u>						Sampled on 04/01/2017 0946			
Sample Type: Tap Facility ID: 1014 Sample Point ID: Bus Yard Office EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:26	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	0.84	ug/L	0.5	1
<u>1016-45 (201704051203)</u>						Sampled on 04/01/2017 0910			
Sample Type: Tap Facility ID: 1016 Sample Point ID: 45 EPA 200.8 - ICPMS Metals									
04/06/17	04/14/17 16:29	984229	986879	(EPA 200.8)	Lead Total ICAP/MS	1.1	ug/L	0.5	1

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ICPMS Metals

Prep Batch: 984229 Analytical Batch: 986878

201704051185	1001-0-1
201704051186	1001-0-2
201704051188	1002-1
201704051189	1002-6-2
201704051190	1003-1
201704051191	1003-2

Analysis Date: 04/14/2017

Analyzed by: AZS
Analyzed by: AZS
Analyzed by: AZS
Analyzed by: AZS
Analyzed by: AZS
Analyzed by: AZS

ICPMS Metals

Prep Batch: 984229 Analytical Batch: 986879

201704051192	1004-12-2
201704051193	1004-14-1
201704051194	1005-1
201704051195	1006-18-1
201704051196	1006-18-2
201704051197	1007-40
201704051198	1008-32
201704051199	1009-36
201704051200	1011-28-1
201704051201	1011-27-2
201704051202	1014-1
201704051203	1016-45

Analysis Date: 04/14/2017

Analyzed by: AZS
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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
ICPMS Metals by EPA 200.8									
Analytical Batch: 986878					Analysis Date: 04/14/2017				
LCS1	Lead Total ICAP/MS		20	20.1	ug/L	100	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.3	ug/L	101	(85-115)	20	0.99
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.495	ug/L	99	(50-150)		
MS_201704051045	Lead Total ICAP/MS	120	20	154	ug/L	<u>172</u>	(70-130)		
MS2_201704051171	Lead Total ICAP/MS	ND	20	19.7	ug/L	99	(70-130)		
MSD_201704051045	Lead Total ICAP/MS	120	20	148	ug/L	<u>139</u>	(70-130)	20	4.0
MSD2_201704051171	Lead Total ICAP/MS	ND	20	20.1	ug/L	101	(70-130)	20	2.0
ICPMS Metals by EPA 200.8									
Analytical Batch: 986879					Analysis Date: 04/14/2017				
LCS1	Lead Total ICAP/MS		20	19.7	ug/L	99	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.6	ug/L	98	(85-115)	20	0.51
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.494	ug/L	99	(50-150)		
MS_201704051192	Lead Total ICAP/MS	6.2	20	26.9	ug/L	103	(70-130)		
MS2_201704051202	Lead Total ICAP/MS	0.84	20	21.1	ug/L	101	(70-130)		
MSD_201704051192	Lead Total ICAP/MS	6.2	20	29.3	ug/L	115	(70-130)	20	8.5
MSD2_201704051202	Lead Total ICAP/MS	0.84	20	19.6	ug/L	94	(70-130)	20	6.9

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.