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
05/08/2017

Eurofins Eaton Analytical

NELAP ACCREDITED TNI LABORATORY
ORELAP 4034

TDF: Thomas.D.French

Project Manager

Report:656751
Project:AV-ED
ADHS License #:AZ0778
Group:Altar Valley Middle 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	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 #: 656751
Project: AV-ED
Sample Group: Altar Valley Middle School

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

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

The following samples were received from you on **May 01, 2017** at **1207**. 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
201705010274	2446	04/24/2017 0615
	Sample Type: Drinking Fountain Facility ID: Gym Sample Point ID: Gym	
	@ICPMS Freight - Outbound Freight - Return	
201705010275	2447	04/24/2017 0610
	Sample Type: Drinking Fountain Facility ID: Building D Sample Point ID: Classroom	
	@ICPMS	
201705010288	2449	04/24/2017 0615
	Sample Type: Drinking Fountain Facility ID: Building B Sample Point ID: Hallway	
	@ICPMS	
201705010289	2455	04/24/2017 0620
	Sample Type: Sink Facility ID: Building Admin Sample Point ID: Health Office	
	@ICPMS	
201705010290	2457	04/24/2017 0620
	Sample Type: Sink Facility ID: Building B Sample Point ID: Room 12	
	@ICPMS	
201705010291	2458	04/24/2017 0600
	Sample Type: Sink Facility ID: Warehouse Sample Point ID: Warehouse Bathrrom	
	@ICPMS	
201705010292	2459	04/24/2017 0620
	Sample Type: Tap Facility ID: PD Building Sample Point ID: Room 1	
	@ICPMS	
201705010293	2460	04/24/2017 0600

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Sample #	Sample ID	Sample Date
	Sample Type: Sink Facility ID: Building B Sample Point ID: Kitchen @ICPMS	
201705010294	2461	04/24/2017 0625
	Sample Type: Sink Facility ID: Building C Sample Point ID: Room 13 @ICPMS	
201705010295	2462	04/24/2017 0600
	Sample Type: Sink Facility ID: Building B Sample Point ID: Kitchen @ICPMS	
201705010296	2467	04/24/2017 0615
	Sample Type: Sink Facility ID: Library Sample Point ID: Bathroom @ICPMS	

Test Description

@ICPMS -- ICPMS Metals

750 Royal Oaks Drive, Suite 100, Monrovia, CA 91016 Tel (626) 386-1100 Fax (626) 386-1101 www.EurofinsUS.com/Eaton

Sample Collection Record

To be completed by the sample collector

656751

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	ALTAR Valley
Name of School	Middle School
Building (name/number)	GYM
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	GYM
Sample Identification Number (ensure this number is also on the sample container)	2446
Date of Collection	4/24/17
Time of Collection	6:15AM
Name of Sample Collector	LARRY HERNANDEZ
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5-1-17
Signature	MRV
Notes: 25.0 °C	

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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Name of School District	Altar Valley
Name of School	Middle School
Building (name/number)	Building D
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Classroom
Sample Identification Number (ensure this number is also on the sample container)	2447
Date of Collection	4/24/17
Time of Collection	6:10 AM
Name of Sample Collector	Larry Hernandez
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5-1-17
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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Name of School District	ALTAR VALLEY
Name of School	Middle School
Building (name/number)	Building B
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)	2449
Date of Collection	4/24/17
Time of Collection	10:15 AM
Name of Sample Collector	LAURA HERNANDEZ
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5-1-17
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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

Name of School District	ALTAR VALLEY
Name of School	Middle School
Building (name/number)	Building ADMIN
Type of Fixture (tap, drinking fountain etc.)	SINK
Location of Fixture (example, room number)	HEALTH OFFICE
Sample Identification Number (ensure this number is also on the sample container)	2455
Date of Collection	4/24/17
Time of Collection	6:20 AM
Name of Sample Collector	LARRY HERNANDEZ
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5-1-17
Signature	MAN
Notes:	

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Name of School District	ALTAR VALLEY
Name of School	Middle School
Building (name/number)	Building B
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Room 12
Sample Identification Number (ensure this number is also on the sample container)	2457
Date of Collection	4/24/17
Time of Collection	6:20 AM
Name of Sample Collector	LARRY HERNANDEZ
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5-1-17
Signature	MW
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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Name of School District	ALTAR VALLEY
Name of School	Middle School
Building (name/number)	WAREHOUSE
Type of Fixture (tap, drinking fountain etc.)	SINK
Location of Fixture (example, room number)	WAREHOUSE BATHROOM
Sample Identification Number (ensure this number is also on the sample container)	2458
Date of Collection	4/24/17
Time of Collection	6:00 AM
Name of Sample Collector	LADDY HERNANDEZ
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5-1-17
Signature	MKV
Notes:	

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Relinquished date and signature _____

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Name of School District	Altar Valley
Name of School	Middle School
Building (name/number)	PD Building
Type of Fixture (tap, drinking fountain etc.)	Tap
Location of Fixture (example, room number)	Room 1
Sample Identification Number (ensure this number is also on the sample container)	2459
Date of Collection	4/24/17
Time of Collection	6:20 AM
Name of Sample Collector	LARRY HERNANDEZ
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5-1-17
Signature	MAN
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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Name of School District	Altar Valley
Name of School	Middle School
Building (name/number)	Building B
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)	2460
Date of Collection	4/24/17
Time of Collection	10:00 AM
Name of Sample Collector	LANDY HERNANDEZ
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5-1-17
Signature	MAN
Notes:	

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Relinquished date and signature _____

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Name of School District	Altar Valley
Name of School	Middle School
Building (name/number)	Building C
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Room 13
Sample Identification Number (ensure this number is also on the sample container)	2461
Date of Collection	4/24/17
Time of Collection	6:25 AM
Name of Sample Collector	Landon Hernandez
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5-1-17
Signature	MKV
Notes:	

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Name of School District	Altar Valley
Name of School	Middle School
Building (name/number)	Building B
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)	2462
Date of Collection	4/24/17
Time of Collection	6:00 AM
Name of Sample Collector	Lanny Hernandez
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5-1-17
Signature	MAV
Notes:	

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Name of School District	Altar Valley
Name of School	Middle School
Building (name/number)	Library
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Bathroom
Sample Identification Number (ensure this number is also on the sample container)	2467
Date of Collection	4/24/17
Time of Collection	6:15 AM
Name of Sample Collector	Larry Hernandez
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5-1-17
Signature	MAN
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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Altar Valley Elementary District	Altar Valley Middle School	1001	Building D Classrooms / Office	Middle School 7th and 8th	1
Altar Valley Elementary District	Altar Valley Middle School	1002	Gym	Middle School Gym	1
Altar Valley Elementary District	Altar Valley Middle School	1003	Maintenance Shack	Maintenance N/A	1
Altar Valley Elementary District	Altar Valley Middle School	1004	Library	Middle School Library	1
Altar Valley Elementary District	Altar Valley Middle School	1009	Building A Administration / Health Office	Middle School	1
Altar Valley Elementary District	Altar Valley Middle School	1010	Warehouse	Warehouse	1
Altar Valley Elementary District	Altar Valley Middle School	1012	Classrooms 2	Fifth Grade	2
Altar Valley Elementary District	Altar Valley Middle School	1013	Classrooms / Storage / Professional Development	Professional Development	1 ~~2~~
Altar Valley Elementary District	Altar Valley Middle School	1014	Cafetorium	Cafetorium	2 ~~2~~
Altar Valley Elementary District	Altar Valley Middle School	1015	Building C	5th and 6th grades	1
Total Containers					~~13~~ 11

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INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number: 656751

SAMPLES REC'D DAY OF COLLECTION? ____

SAMPLE TEMP RECEIVED:

IR Gun ID = 570A (Observation= 25.1 °C) (Corr.Factor -0.1 °C) (Final = 25.0 °C)

TYPE OF ICE: Real ____ Synthetic ____ No Ice X

CONDITION OF ICE: Frozen ____ Partially Frozen ____ Thawed ____ N/A X

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

TRK# 7204 7945 9330

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]	Chris Avila	Eurofins Eaton Analytical	5/1/17	12:07

Page ____ of ____

QA FO 0083.4 (QA FO-FRM5504) (02/15/17) Ver 5

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Laboratory Comments

Report: 656751
Project: AV-ED
Group: Altar Valley Middle School

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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Laboratory Hits

Report: 656751
Project: AV-ED
Group: Altar Valley Middle School

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

Samples Received on:
05/01/2017 1207

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
	201705010274	**2446**				
05/06/2017 11:32	Lead Total ICAP/MS		1.5	15	ug/L	0.5
	201705010289	**2455**				
05/06/2017 11:38	Lead Total ICAP/MS		1.6	15	ug/L	0.5
	201705010291	**2458**				
05/06/2017 11:40	Lead Total ICAP/MS		1.9	15	ug/L	0.5
	201705010292	**2459**				
05/06/2017 11:40	Lead Total ICAP/MS		5.8	15	ug/L	0.5
	201705010293	**2460**				
05/06/2017 11:41	Lead Total ICAP/MS		1.1	15	ug/L	0.5
	201705010294	**2461**				
05/06/2017 11:42	Lead Total ICAP/MS		5.8	15	ug/L	0.5
	201705010296	**2467**				
05/06/2017 11:45	Lead Total ICAP/MS		13	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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Laboratory Data

Report: 656751
Project: AV-ED
Group: Altar Valley Middle School

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

Samples Received on:
05/01/2017 1207

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
2446 (201705010274)							**Sampled on 04/24/2017 0615**		
Sample Type: Drinking Fountain									
Facility ID: Gym									
Sample Point ID: Gym									
EPA 200.8 - ICPMS Metals									
05/03/17	05/06/17 11:32	991469	992832	(EPA 200.8)	Lead Total ICAP/MS	1.5	ug/L	0.5	1
2447 (201705010275)							**Sampled on 04/24/2017 0610**		
Sample Type: Drinking Fountain									
Facility ID: Building D									
Sample Point ID: Classroom									
EPA 200.8 - ICPMS Metals									
05/03/17	05/06/17 11:36	991469	992832	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
2449 (201705010288)							**Sampled on 04/24/2017 0615**		
Sample Type: Drinking Fountain									
Facility ID: Building B									
Sample Point ID: Hallway									
EPA 200.8 - ICPMS Metals									
05/03/17	05/06/17 11:37	991469	992832	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
2455 (201705010289)							**Sampled on 04/24/2017 0620**		
Sample Type: Sink									
Facility ID: Building Admin									
Sample Point ID: Health Office									
EPA 200.8 - ICPMS Metals									
05/03/17	05/06/17 11:38	991469	992832	(EPA 200.8)	Lead Total ICAP/MS	1.6	ug/L	0.5	1
2457 (201705010290)							**Sampled on 04/24/2017 0620**		
Sample Type: Sink									
Facility ID: Building B									
Sample Point ID: Room 12									
EPA 200.8 - ICPMS Metals									
05/03/17	05/06/17 11:39	991469	992832	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
2458 (201705010291)							**Sampled on 04/24/2017 0600**		
Sample Type: Sink									
Facility ID: Warehouse									
Sample Point ID: Warehouse Bathrrom									
EPA 200.8 - ICPMS Metals									
05/03/17	05/06/17 11:40	991469	992832	(EPA 200.8)	Lead Total ICAP/MS	1.9	ug/L	0.5	1
2459 (201705010292)							**Sampled on 04/24/2017 0620**		
Sample Type: Tap									
Facility ID: PD Building									
Sample Point ID: Room 1									
EPA 200.8 - ICPMS Metals									
05/03/17	05/06/17 11:40	991469	992832	(EPA 200.8)	Lead Total ICAP/MS	5.8	ug/L	0.5	1
2460 (201705010293)							**Sampled on 04/24/2017 0600**		

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

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Laboratory Data

Report: 656751
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Phoenix, AZ 85007

Samples Received on:
05/01/2017 1207

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
	Sample Type: Sink								
	Facility ID: Building B								
	Sample Point ID: Kitchen								
	EPA 200.8 - ICPMS Metals								
05/03/17	05/06/17 11:41	991469	992832	(EPA 200.8)	Lead Total ICAP/MS	1.1	ug/L	0.5	1
2461 (201705010294)							**Sampled on 04/24/2017 0625**		
	Sample Type: Sink								
	Facility ID: Building C								
	Sample Point ID: Room 13								
	EPA 200.8 - ICPMS Metals								
05/03/17	05/06/17 11:42	991469	992832	(EPA 200.8)	Lead Total ICAP/MS	5.8	ug/L	0.5	1
2462 (201705010295)							**Sampled on 04/24/2017 0600**		
	Sample Type: Sink								
	Facility ID: Building B								
	Sample Point ID: Kitchen								
	EPA 200.8 - ICPMS Metals								
05/03/17	05/06/17 11:43	991469	992832	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
2467 (201705010296)							**Sampled on 04/24/2017 0615**		
	Sample Type: Sink								
	Facility ID: Library								
	Sample Point ID: Bathroom								
	EPA 200.8 - ICPMS Metals								
05/03/17	05/06/17 11:45	991469	992832	(EPA 200.8)	Lead Total ICAP/MS	13	ug/L	0.5	1

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

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Laboratory QC Summary

Report: 656751
Project: AV-ED
Group: Altar Valley Middle School

Arizona Department of Environmental Quality

ICPMS Metals

Prep Batch: 991469 **Analytical Batch: 992832** **Analysis Date: 05/06/2017**

201705010274	2446	Analyzed by: RPD
201705010275	2447	Analyzed by: RPD
201705010288	2449	Analyzed by: RPD
201705010289	2455	Analyzed by: RPD
201705010290	2457	Analyzed by: RPD
201705010291	2458	Analyzed by: RPD
201705010292	2459	Analyzed by: RPD
201705010293	2460	Analyzed by: RPD
201705010294	2461	Analyzed by: RPD
201705010295	2462	Analyzed by: RPD
201705010296	2467	Analyzed by: RPD

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Laboratory QC

Report: 656751
Project: AV-ED
Group: Altar Valley Middle School

Arizona Department of Environmental Quality

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
ICPMS Metals by EPA 200.8									
Analytical Batch: 992832							**Analysis Date: 05/06/2017**		
LCS1	Lead Total ICAP/MS		20	20.0	ug/L	100	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.1	ug/L	101	(85-115)	20	0.50
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.546	ug/L	109	(50-150)		
MS_201705010274	Lead Total ICAP/MS	1.5	20	22.6	ug/L	105	(70-130)		
MS2_201705010296	Lead Total ICAP/MS	13	20	34.4	ug/L	107	(70-130)		
MSD_201705010274	Lead Total ICAP/MS	1.5	20	22.5	ug/L	105	(70-130)	20	0.44
MSD2_201705010296	Lead Total ICAP/MS	13	20	34.3	ug/L	107	(70-130)	20	0.29

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.