eurofins | Eaton Analytical

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Monrovia, California 91016-3629
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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
05/10/2017

Eurofins Eaton Analytical

TDF: Thomas.D.French

Project Manager

NELAP ACCREDITED TNI LABORATORY
ORELAP 4034

Report:657611
Project:GC-UD
ADHS License #:AZ0778
Group:Grand Canyon 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
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 #: 657611
Project: GC-UD
Sample Group: Grand Canyon High School

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

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

The following samples were received from you on **May 03, 2017** at **1234**. 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
201705030586	300-01	04/30/2017 1214
	Sample Type: Fountain Facility ID: 300 Sample Point ID: Hallway	
	@ICPMS Freight - Outbound Freight - Return	
201705030587	300-02	04/30/2017 1217
	Sample Type: Faucet Facility ID: 300 Sample Point ID: Food Service Kitchen	
	@ICPMS	
201705030588	300-03	04/30/2017 1218
	Sample Type: Faucet Next to Ice Machine Facility ID: 300 Sample Point ID: Nest to Ice Machine - Food SVC	
	@ICPMS	
201705030589	400-01	04/30/2017 1145
	Sample Type: Fountain Facility ID: 400 High School Sample Point ID: NW Hallway Outside Restrooms	
	@ICPMS	
201705030590	400-02	04/30/2017 1147
	Sample Type: Fountain Facility ID: 400 High School Sample Point ID: Hallway	
	@ICPMS	
201705030591	400-03	04/30/2017 1150
	Sample Type: Water Fountain Facility ID: 400 Hihg School Sample Point ID: Weight Room	
	@ICPMS	
201705030592	400-04	04/30/2017 1153
	Sample Type: Sink Facility ID: 400 Distric Offices Sample Point ID: Distric Break Room	
	@ICPMS	
201705030593	400-05	04/30/2017 1155

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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 #: 657611
Project: GC-UD
Sample Group: Grand Canyon High School

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

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

The following samples were received from you on **May 03, 2017** at **1234**. 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
	Sample Type: Sink Facility ID: Distric Offices Sample Point ID: Teacher Lounge @ICPMS	
201705030594	600-01	04/30/2017 1222
	Sample Type: Faucet Facility ID: 600 - Maint Sample Point ID: Kitchen @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

Collection Log

for experienced sample collectors

657611

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	Grand Canyon Unified
School Name	
Building (name/number)	300
Type of Fixture (tap, drinking fountain etc.)	Fountain
Location of Fixture (example, room number)	Hallway
Sample Identification Number (**Write the number here and on sample container**)	300-01
Date of Collection	4-30-17
Time of Collection	12:14 PM
Printed Name of Sample Collector	Ivan Landry
Signature Sample Collector	Ivan L. Landry

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5/3/17 1234
Signature	
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

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Name of School District	Grand Canyon Unified
School Name	
Building (name/number)	300
Type of Fixture (tap, drinking fountain etc.)	Faucet
Location of Fixture (example, room number)	Foodservice Kitchen
Sample Identification Number (**Write the number here and on sample container**)	300-02
Date of Collection	4-30-17
Time of Collection	12:17PM
Printed Name of Sample Collector	Evan Landry
Signature Sample Collector	Evan C. Landry

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5/3/17 1234
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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Collection Log

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Name of School District	Grand Canyon Unified
School Name	
Building (name/number)	300
Type of Fixture (tap, drinking fountain etc.)	Faucet next to ice ~~Maker~~ Machine
Location of Fixture (example, room number)	Next to Ice Machine - Food SVC Kitchen
Sample Identification Number (**Write the number here and on sample container**)	300-03
Date of Collection	4-30-17
Time of Collection	12:18 PM
Printed Name of Sample Collector	Ivan Landry
Signature Sample Collector	Ivan C Landry

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5/3/17, 1734
Signature	
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	Grand Canyon Unified
School Name	
Building (name/number)	400 High School ~~District~~
Type of Fixture (tap, drinking fountain etc.)	Fountain
Location of Fixture (example, room number)	NW Hallway outside Restrooms
Sample Identification Number (**Write the number here and on sample container**)	400-01
Date of Collection	4-30-17
Time of Collection	11:45AM
Printed Name of Sample Collector	Ivan Landry
Signature Sample Collector	Ivan C Landry

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5/3/17 1234
Signature	
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	Grand Canyon Unified
School Name	
Building (name/number)	400 High School
Type of Fixture (tap, drinking fountain etc.)	Fountain
Location of Fixture (example, room number)	Hallway
Sample Identification Number (**Write the number here and on sample container**)	400-02
Date of Collection	4-30-17
Time of Collection	11:47 AM
Printed Name of Sample Collector	Ivan Landry
Signature Sample Collector	Ivan C. Landry

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5/3/17 1732
Signature	
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	Grand Canyon Unified
School Name	
Building (name/number)	400 High School
Type of Fixture (tap, drinking fountain etc.)	water fountain
Location of Fixture (example, room number)	Weight room
Sample Identification Number (**Write the number here and on sample container**)	400-03
Date of Collection	4-30-17
Time of Collection	11:50 AM
Printed Name of Sample Collector	Ivan Landry
Signature Sample Collector	Ivan C. Landry

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5/3/17 1234
Signature	
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	Grand Canyon Unified
School Name	
Building (name/number)	400 District Offices
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	District Break Room
Sample Identification Number (**Write the number here and on sample container**)	400-04
Date of Collection	4-30-17
Time of Collection	11:53 AM
Printed Name of Sample Collector	Ivan Landry
Signature Sample Collector	Ivan C Landry

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5/3/17 1234
Signature	
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	Grand Canyon Unified
School Name	
Building (name/number)	District Offices
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Teachers Lounge
Sample Identification Number (**Write the number here and on sample container**)	400-05
Date of Collection	4-30-17
Time of Collection	11:55AM
Printed Name of Sample Collector	Ivan Landry
Signature Sample Collector	Ivan C. Landry

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5/3/17 1735
Signature	
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	Grand Canyon Unified
School Name	
Building (name/number)	600 – Market
Type of Fixture (tap, drinking fountain etc.)	Faucet
Location of Fixture (example, room number)	Kitchen
Sample Identification Number (**Write the number here and on sample container**)	600-01
Date of Collection	4-30-17
Time of Collection	12:22 PM
Printed Name of Sample Collector	Ivan Landry
Signature Sample Collector	Ivan C Landry

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	5/3/17 1736
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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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 #: 158864

Created By: Thomas.D.French - [TDF]
Deliver By: 02/13/2017
STG: Bottle Orders
Ice Type: W

Client ID: ADEQ-LEAD
Project Code: GC-UD Bottle Orders
Group Name: Grand Canyon High School
PO#/JOB#:

Ship Sample Kits to
Grand Canyon Unified District
100 Boulder Street
Grand Canyon, AZ 86023

Attn: Ivan Landry-Maintenance
Phone: (928) 638-2461

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 #
10	@ICPMS	1 - 250ml poly [no preservative]	

Comments

Grand Canyon HIgh School - Include Grand Canyon Unified District Sample list, 10 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 10 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

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INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

SAMPLES REC'D DAY OF COLLECTION? ☐

SAMPLE TEMP RECEIVED:

IR Gun ID = 520 (Observation= 26.3 °C) (Corr.Factor -0.1 °C) (Final = 26.2 °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)

TRK# 7204 7946 1888

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:			Eurofins Eaton Analytical	5/3/17	1234

Page ___ of ___

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

Grand Canyon Unified District	Grand Canyon High School	1003	200 Building	classrooms, offices	1939	P O Box 519	Grand Canyon	86023-0519	Coconino	2
Grand Canyon Unified District	Grand Canyon High School	1004	300 Building	classrooms, library, multi-purpose room	1988	P O Box 519	Grand Canyon	86023-0519	Coconino	1
Grand Canyon Unified District	Grand Canyon High School	1005	400-A Building	classrooms, gymnasium, offices	1959	P O Box 519	Grand Canyon	86023-0519	Coconino	2
Grand Canyon Unified District	Grand Canyon High School	1006	500 Building	classrooms	1994	P O Box 519	Grand Canyon	86023-0519	Coconino	1
Grand Canyon Unified District	Grand Canyon High School	1007	400-B Building	Classrooms	2000	P O Box 519	Grand Canyon	86023-0519	Coconino	1
Grand Canyon Unified District	Grand Canyon High School	1008	600 Building	Maintenance	2000	P O Box 519	Grand Canyon	86023-0519	Coconino	1
Grand Canyon Unified District	Grand Canyon High School	1009	Kitchen	Food Services	2004	P O Box 519	Grand Canyon	86023-0519	Coconino	1
Grand Canyon Unified District	Grand Canyon High School	1010	Sick Station	Nurse Station	2004	P O Box 519	Grand Canyon	86023-0519	Coconino	1
Total Containers										10

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Laboratory Comments

Report: 657611
Project: GC-UD
Group: Grand Canyon High 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: 657611
Project: GC-UD
Group: Grand Canyon High School

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

Samples Received on:
05/03/2017 1234

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
	201705030586	**300-01**				
05/08/2017 16:52	Lead Total ICAP/MS		2.7	15	ug/L	0.5
	201705030587	**300-02**				
05/08/2017 16:54	Lead Total ICAP/MS		12	15	ug/L	0.5
	201705030588	**300-03**				
05/08/2017 16:55	Lead Total ICAP/MS		8.2	15	ug/L	0.5
	201705030589	**400-01**				
05/08/2017 16:57	Lead Total ICAP/MS		8.9	15	ug/L	0.5
	201705030590	**400-02**				
05/08/2017 16:58	Lead Total ICAP/MS		5.3	15	ug/L	0.5
	201705030591	**400-03**				
05/08/2017 17:00	Lead Total ICAP/MS		3.8	15	ug/L	0.5
	201705030592	**400-04**				
05/08/2017 17:02	Lead Total ICAP/MS		13	15	ug/L	0.5
	201705030593	**400-05**				
05/08/2017 17:03	Lead Total ICAP/MS		11	15	ug/L	0.5
	201705030594	**600-01**				
05/08/2017 17:08	Lead Total ICAP/MS		12	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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Laboratory Data

Report: 657611
Project: GC-UD
Group: Grand Canyon High School

Arizona Department of Environmental Quality
David Burchard
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Phoenix, AZ 85007

Samples Received on:
05/03/2017 1234

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
300-01 (201705030586)							**Sampled on 04/30/2017 1214**		
Sample Type: Fountain									
Facility ID: 300									
Sample Point ID: Hallway									
EPA 200.8 - ICPMS Metals									
05/04/17	05/08/17 16:52	991870	992985	(EPA 200.8)	Lead Total ICAP/MS	2.7	ug/L	0.5	1
300-02 (201705030587)							**Sampled on 04/30/2017 1217**		
Sample Type: Faucet									
Facility ID: 300									
Sample Point ID: Food Service Kitchen									
EPA 200.8 - ICPMS Metals									
05/04/17	05/08/17 16:54	991870	992985	(EPA 200.8)	Lead Total ICAP/MS	12	ug/L	0.5	1
300-03 (201705030588)							**Sampled on 04/30/2017 1218**		
Sample Type: Faucet Next to Ice Machine									
Facility ID: 300									
Sample Point ID: Nest to Ice Machine - Food SVC									
EPA 200.8 - ICPMS Metals									
05/04/17	05/08/17 16:55	991870	992985	(EPA 200.8)	Lead Total ICAP/MS	8.2	ug/L	0.5	1
400-01 (201705030589)							**Sampled on 04/30/2017 1145**		
Sample Type: Fountain									
Facility ID: 400 High School									
Sample Point ID: NW Hallway Outside Restrooms									
EPA 200.8 - ICPMS Metals									
05/04/17	05/08/17 16:57	991870	992985	(EPA 200.8)	Lead Total ICAP/MS	8.9	ug/L	0.5	1
400-02 (201705030590)							**Sampled on 04/30/2017 1147**		
Sample Type: Fountain									
Facility ID: 400 High School									
Sample Point ID: Hallway									
EPA 200.8 - ICPMS Metals									
05/04/17	05/08/17 16:58	991870	992985	(EPA 200.8)	Lead Total ICAP/MS	5.3	ug/L	0.5	1
400-03 (201705030591)							**Sampled on 04/30/2017 1150**		
Sample Type: Water Fountain									
Facility ID: 400 Hihg School									
Sample Point ID: Weight Room									
EPA 200.8 - ICPMS Metals									
05/04/17	05/08/17 17:00	991870	992985	(EPA 200.8)	Lead Total ICAP/MS	3.8	ug/L	0.5	1
400-04 (201705030592)							**Sampled on 04/30/2017 1153**		
Sample Type: Sink									
Facility ID: 400 Distric Offices									
Sample Point ID: Distric Break Room									
EPA 200.8 - ICPMS Metals									
05/04/17	05/08/17 17:02	991870	992985	(EPA 200.8)	Lead Total ICAP/MS	13	ug/L	0.5	1
400-05 (201705030593)							**Sampled on 04/30/2017 1155**		

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

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Laboratory Data

Report: 657611
Project: GC-UD
Group: Grand Canyon High School

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

Samples Received on:
05/03/2017 1234

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
	Sample Type: Sink								
	Facility ID: Distric Offices								
	Sample Point ID: Teacher Lounge								
	EPA 200.8 - ICPMS Metals								
05/04/17	05/08/17 17:03	991870	992985	(EPA 200.8)	Lead Total ICAP/MS	11	ug/L	0.5	1
600-01 (201705030594)							**Sampled on 04/30/2017 1222**		
	Sample Type: Faucet								
	Facility ID: 600 - Maint								
	Sample Point ID: Kitchen								
	EPA 200.8 - ICPMS Metals								
05/04/17	05/08/17 17:08	991870	992985	(EPA 200.8)	Lead Total ICAP/MS	12	ug/L	0.5	1

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

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Laboratory QC Summary

Report: 657611
Project: GC-UD
Group: Grand Canyon High School

Arizona Department of Environmental Quality

ICPMS Metals

Prep Batch: 991870 **Analytical Batch: 992985** **Analysis Date: 05/08/2017**

201705030586	300-01	Analyzed by: RPD
201705030587	300-02	Analyzed by: RPD
201705030588	300-03	Analyzed by: RPD
201705030589	400-01	Analyzed by: RPD
201705030590	400-02	Analyzed by: RPD
201705030591	400-03	Analyzed by: RPD
201705030592	400-04	Analyzed by: RPD
201705030593	400-05	Analyzed by: RPD
201705030594	600-01	Analyzed by: RPD

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Laboratory QC

Report: 657611
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Group: Grand Canyon High 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: 992985							**Analysis Date: 05/08/2017**		
LCS1	Lead Total ICAP/MS		20	19.4	ug/L	97	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.5	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	0.510	ug/L	102	(50-150)		
MS_201705021269	Lead Total ICAP/MS	ND	20	21.4	ug/L	107	(70-130)		
MS2_201705021295	Lead Total ICAP/MS	ND	20	20.2	ug/L	101	(70-130)		
MSD_201705021269	Lead Total ICAP/MS	ND	20	21.1	ug/L	106	(70-130)	20	1.4
MSD2_201705021295	Lead Total ICAP/MS	ND	20	22.1	ug/L	111	(70-130)	20	9.0

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.
RPD not calculated for LCS2 when different a concentration than LCS1 is used.
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level).
(S) - Indicates surrogate compound.
(I) - Indicates internal standard compound.