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Laboratory Report

for

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

Date of Issue
03/16/2017



Eurofins Eaton
Analytical

TDF: Thomas.D.French
Project Manager



Report: 644388
Project: NOGALES-USD
ADHS License #: AZ0778
Group: Challenger Elementary
PO#: School
PO#: ADEQ16-116686:3

* Accredited in accordance with TNI 2009 and ISO/IEC 17025:2005.

* Laboratory certifies that the test results meet all **TNI 2009 and ISO/IEC 17025:2005** requirements unless noted under the individual analysis.

* Following the cover page are State Certification List, ISO 17025 Accredited Method List, Acknowledgement of Samples Received, Comments, Hits Report, Data Report, QC Summary, QC Report and Regulatory Forms, as applicable.

* Test results relate only to the sample(s) tested.

* This report shall not be reproduced except in full, without the written approval of the laboratory.

STATE CERTIFICATION LIST

State	Certification Number	State	Certification Number
Alabama	41060	Mississippi	Certified
-----	-----	Montana	Cert 0035
Arizona	AZ0778	Nebraska	Certified
Arkansas	Certified	Nevada	CA00006-2016
California-Monrovia-ELAP	2813	New Hampshire *	2959
California-Colton- ELAP	2812	New Jersey *	CA 008
California-Folsom- ELAP	2820	New Mexico	Certified
California-Fresno- ELAP	2966	New York *	11320
Colorado	Certified	North Carolina	06701
Connecticut	PH-0107	North Dakota	R-009
Delaware	CA 006	Oregon (Primary AB) *	ORELAP 4034
Florida *	E871024	Pennsylvania *	68-565
Georgia	947	Puerto Rico	Certified
Guam	16-003r	Rhode Island	LAO00326
Hawaii	Certified	South Carolina	87016
Idaho	Certified	South Dakota	Certified
Illinois *	200033	Tennessee	TN02839
Indiana	C-CA-01	Texas *	T104704230-15-9
Kansas *	E-10268	Utah *	CA000062016-10
Kentucky	90107	Vermont	VT0114
Louisiana *	LA16003	Virginia *	460260
Maine	CA0006	Washington	C838
Maryland	224	-----	-----
Commonwealth of Northern Marianas Is.	MP0004	-----	-----
Massachusetts	M-CA006	EPA Region 5	Certified
Michigan	9906	Los Angeles County Sanitation Districts	10264

* NELAP/TNI Recognized Accreditation Bodies

ISO 17025 Accredited Method List

The tests listed below are accredited and meet the requirements of ISO 17025 as verified by the ANSI-ASQ National Accreditation Board/ANAB.

Refer to Certificate and scope of accreditation (AT 1807) found at: <http://www.eatonanalytical.com>

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environmental (Drinking Water)	Environmental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
1,4-Dioxane	EPA 522	x		x
2,3,7,8-TCDD	Modified EPA 1613B	x		x
Acrylamide	In House Method (2440)	x		x
Alkalinity	SM 2320B	x	x	x
Ammonia	EPA 350.1		x	x
Ammonia	SM 4500-NH3 H		x	x
Anions and DBPs by IC	EPA 300.0	x	x	x
Anions and DBPs by IC	EPA 300.1	x		x
Asbestos	EPA 100.2	x	x	
Bicarbonate Alkalinity as HCO3	SM 2320B	x	x	x
BOD / CBOD	SM 5210B		x	x
Bromate	In House Method (2447)	x		x
Carbamates	EPA 531.2	x		x
Carbonate as CO3	SM 2330B	x	x	x
Carbonyls	EPA 556	x		x
COD	EPA 410.4 / SM 5220D		x	
Chloramines	SM 4500-CL G	x	x	x
Chlorinated Acids	EPA 515.4	x		x
Chlorinated Acids	EPA 555	x		x
Chlorine Dioxide	SM 4500-CLO2 D	x		x
Chlorine -Total/Free/ Combined Residual	SM 4500-Cl G	x	x	x
Conductivity	EPA 120.1		x	
Conductivity	SM 2510B	x	x	x
Corrosivity (Langelier Index)	SM 2330B	x		x
Cryptosporidium	EPA 1623	x		x
Cyanide, Amenable	SM 4500-CN G	x	x	
Cyanide, Free	SM 4500CN F	x	x	x
Cyanide, Total	EPA 335.4	x	x	x
Cyanogen Chloride (screen)	In House Method (2470)	x		x
Diquat and Paraquat	EPA 549.2	x		x
DBP/HAA	SM 6251B	x		x
Dissolved Oxygen	SM 4500-O G		x	x
DOC	SM 5310C	x		x
E. Coli	(MTF/EC+MUG)	x		x
E. Coli	CFR 141.21(f)(6)(i)	x		x
E. Coli	SM 9223		x	
E. Coli (Enumeration)	SM 9221B.1/ SM 9221F	x		x
E. Coli (Enumeration)	SM 9223B	x		x
EDB/DCBP	EPA 504.1	x		
EDB/DCBP and DBP	EPA 551.1	x		x
EDTA and NTA	In House Method (2454)	x		x
Endothall	EPA 548.1	x		x
Endothall	In-house Method (2445)	x		x
Enterococci	SM 9230B	x	x	
Fecal Coliform	SM 9221 E (MTF/EC)	x		
Fecal Coliform	SM 9221C, E (MTF/EC)		x	
Fecal Coliform (Enumeration)	SM 9221E (MTF/EC)	x		x
Fecal Coliform with Chlorine Present	SM 9221E		x	
Fecal Streptococci	SM 9230B	x	x	
Fluoride	SM 4500-F C	x	x	x
Giardia	EPA 1623	x		x
Glyphosate	EPA 547	x		x
Gross Alpha/Beta	EPA 900.0	x	x	x
Gross Alpha Coprecipitation	SM 7110 C	x	x	x
Hardness	SM 2340B	x	x	x
Heterotrophic Bacteria	In House Method (2439)	x		x
Heterotrophic Bacteria	SM 9215 B	x		x
Hexavalent Chromium	EPA 218.6	x	x	x

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environmental (Drinking Water)	Environmental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
Hexavalent Chromium	EPA 218.7	x		x
Hexavalent Chromium	SM 3500-Cr B		x	
Hormones	EPA 539	x		x
Hydroxide as OH Calc.	SM 2330B	x		x
Kjeldahl Nitrogen	EPA 351.2		x	
Legionella	CDC Legionella	x		x
Mercury	EPA 245.1	x	x	x
Metals	EPA 200.7 / 200.8	x	x	x
Microcystin LR	ELISA (2360)	x		x
NDMA	EPA 521	x		x
NDMA	TQ In house method based on EPA 521 (2425)	x		x
Nitrate/Nitrite Nitrogen	EPA 353.2	x	x	x
OCL, Pesticides/PCB	EPA 505	x		x
Ortho Phosphate	EPA 365.1	x	x	x
Ortho Phosphate	SM 4500P E			x
Ortho Phosphorous	SM 4500P E	x		
Oxyhalides Disinfection Byproducts	EPA 317.0	x		x
Perchlorate	EPA 331.0	x		x
Perchlorate (low and high)	EPA 314.0	x		x
Perfluorinated Alkyl Acids	EPA 537	x		x
pH	EPA 150.1	x		
pH	SM 4500-H+B	x	x	x
Phenylurea Pesticides/ Herbicides	In House Method, based on EPA 532 (2448)	x		x
Pseudomonas	IDEXX Pseudalert (2461)	x		x
Radium-226	GA Institute of Tech	x		x
Radium-228	GA Institute of Tech	x		x
Radon-222	SM 7500RN	x		x
Residue, Filterable	SM 2540C	x	x	x
Residue, Non-filterable	SM 2540D		x	
Residue, Total	SM 2540B		x	x
Residue, Volatile	EPA 160.4		x	
Semi-VOC	EPA 525.2	x		x
Semi-VOC	EPA 625		x	x
Silica	SM 4500-Si D	x	x	
Silica	SM 4500-SiO2 C	x	x	
Sulfide	SM 4500-S ⁻ D		x	
Sulfite	SM 4500-SO ³ B	x	x	x
Surfactants	SM 5540C	x	x	x
Taste and Odor Analytes	SM 6040E	x		x
Total Coliform (P/A)	SM 9221 A, B	x		x
Total Coliform (Enumeration)	SM 9221 A, B, C	x		x
Total Coliform / E. coli	Colisure SM 9223	x		x
Total Coliform	SM 9221B		x	
Total Coliform with Chlorine Present	SM 9221B		x	
Total Coliform / E.coli (P/A and Enumeration)	SM 9223	x		x
TOC	SM 5310C	x	x	x
TOX	SM 5320B		x	
Total Phenols	EPA 420.1		x	
Total Phenols	EPA 420.4	x	x	x
Total Phosphorous	SM 4500 P E		x	
Turbidity	EPA 180.1	x	x	x
Turbidity	SM 2130B	x	x	
Uranium by ICP/MS	EPA 200.8	x		x
UV 254	SM 5910B	x		
VOC	EPA 524.2/EPA 524.3	x		x
VOC	EPA 624		x	x
VOC	EPA SW 846 8260	x		x
VOC	In House Method (2411)	x		x
Yeast and Mold	SM 9610	x		x

Acknowledgement of Samples Received

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

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

Client ID: ADEQ-LEAD
Folder #: 644388
Project: NOGALES-USD
Sample Group: Challenger Elementary School

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

The following samples were received from you on **March 10, 2017** at **1438**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using Eurofins Eaton Analytical.

Sample #	Sample ID	Sample Date
<u>201703100644</u>	000816	03/08/2017 0632
	Sample Type: Faucet Facility ID: Green House Sample Point ID: Green House	
	@ICPMS	Freight - Outbound
		Freight - Return
<u>201703100645</u>	000864	03/08/2017 0615
	Sample Type: Sink Facility ID: Library Sample Point ID: Library	
	@ICPMS	
<u>201703100646</u>	000871	03/08/2017 0610
	Sample Type: Sink Facility ID: Wing A Sample Point ID: Room #18	
	@ICPMS	
<u>201703100647</u>	000872	03/08/2017 0622
	Sample Type: Sink Facility ID: Wing B Sample Point ID: Room #18	
	@ICPMS	
<u>201703100648</u>	000873	03/08/2017 0629
	Sample Type: Drinking Faucet Facility ID: Kinder Garten Sample Point ID: Classroom	
	@ICPMS	
<u>201703100649</u>	000874	03/08/2017 0630
	Sample Type: Fouse Facility ID: Green House Sample Point ID: Green House	
	@ICPMS	
<u>201703100650</u>	000875	03/08/2017 0617
	Sample Type: Sink Facility ID: Library Computer Sample Point ID: Computer	
	@ICPMS	
<u>201703100651</u>	000877	03/08/2017 0627

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Sample #	Sample ID	Sample Date
	Sample Type: Sink Facility ID: Classroom Sample Point ID: Room #15 @ICPMS	
<u>201703100652</u>	000878	03/08/2017 0600
	Sample Type: Sink Facility ID: Administration Sample Point ID: Office @ICPMS	
<u>201703100653</u>	000879	03/08/2017 0607
	Sample Type: Sink Facility ID: Special Ed Sample Point ID: Room #22 @ICPMS	
<u>201703100654</u>	000880	03/08/2017 0625
	Sample Type: Sink Facility ID: Classroom Sample Point ID: Room #19 @ICPMS	
<u>201703100655</u>	000881	03/08/2017 0605
	Sample Type: Sink Facility ID: Special Ed Sample Point ID: Room #21 @ICPMS	
<u>201703100656</u>	000882	03/08/2017 0602
	Sample Type: Sink Facility ID: Multi-Purpose Sample Point ID: Cafeteria @ICPMS	

Test Description

@ICPMS -- ICPMS Metals

Collection Log
for experienced sample collectors

644388

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	W.-U.-S.-D. #1
School Name	Challenger.
Building (name/number)	Greenhouse
Type of Fixture (tap, drinking fountain etc.)	Favset.
Location of Fixture (example, room number)	Green house.
Sample Identification Number (<u>Write the number here and on sample container</u>)	000816.
Date of Collection	3/8/17.
Time of Collection	6:32 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
Signature	MAJ
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	U. N. S. D. #1
School Name	Challenger.
Building (name/number)	Library.
Type of Fixture (tap, drinking fountain etc.)	SINK.
Location of Fixture (example, room number)	Library.
Sample Identification Number (<u>Write the number here and on sample container</u>)	000864.
Date of Collection	3/8/17.
Time of Collection	6:15 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
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	N. U. S. D. #4
School Name	Challenger.
Building (name/number)	Wing. A.
Type of Fixture (tap, drinking fountain etc.)	SINK
Location of Fixture (example, room number)	ROOM # 18.
Sample Identification Number (<u>Write the number here and on sample container</u>)	000871.
Date of Collection	3/8/17.
Time of Collection	6:10 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
Signature	MAN
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	W.V.S.D. #1
School Name	Challenger.
Building (name/number)	Wing B
Type of Fixture (tap, drinking fountain etc.)	SINK.
Location of Fixture (example, room number)	ROOM #18.
Sample Identification Number (<u>Write the number here and on sample container</u>)	000872..
Date of Collection	3/8/17.
Time of Collection	6.22 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
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	N. U. S. D #1
School Name	Challenger.
Building (name/number)	Kinder garden.
Type of Fixture (tap, drinking fountain etc.)	Drinking fount.
Location of Fixture (example, room number)	Classroom
Sample Identification Number (Write the number here and on sample container)	000873.
Date of Collection	3/8/17.
Time of Collection	6.29.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
Signature	msv
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	N. U. S. D. #1
School Name	Challenger.
Building (name/number)	Greenhouse.
Type of Fixture (tap, drinking fountain etc.)	Fooset.
Location of Fixture (example, room number)	Greenhouse.
Sample Identification Number (<u>Write the number here and on sample container</u>)	000874
Date of Collection	3/8/17.
Time of Collection	6:30 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
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	N. V. S. D. #1
School Name	Challenger.
Building (name/number)	Library. Computer.
Type of Fixture (tap, drinking fountain etc.)	SINK.
Location of Fixture (example, room number)	Computer.
Sample Identification Number (<u>Write the number here and on sample container</u>)	000879.
Date of Collection	3/8/17.
Time of Collection	6:17 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
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	N. U. S. D. #1
School Name	Challenger.
Building (name/number)	Classroom.
Type of Fixture (tap, drinking fountain etc.)	SINK.
Location of Fixture (example, room number)	ROOM #15
Sample Identification Number (<u>Write the number here and on sample container</u>)	000877.
Date of Collection	3/8/17.
Time of Collection	6:27 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
Signature	MAN
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	N. U. S. D. #1
School Name	CHALLENGER
Building (name/number)	Administracion
Type of Fixture (tap, drinking fountain etc.)	SINK
Location of Fixture (example, room number)	OFFICE
Sample Identification Number (<u>Write the number here and on sample container</u>)	000878
Date of Collection	3/8/18
Time of Collection	6:00 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
Signature	MRV
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	W.I.V.S.D. #1
School Name	Challenger.
Building (name/number)	Special Ed.
Type of Fixture (tap, drinking fountain etc.)	SINK.
Location of Fixture (example, room number)	ROOM # 22
Sample Identification Number (<u>Write the number here and on sample container</u>)	000879.
Date of Collection	3/8/17.
Time of Collection	6:07 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
Signature	M. R. V.
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	N. U. S. D. #1
School Name	Challenger.
Building (name/number)	Classroom.
Type of Fixture (tap, drinking fountain etc.)	SINK.
Location of Fixture (example, room number)	ROOM #19.
Sample Identification Number (<u>Write the number here and on sample container</u>)	000880.
Date of Collection	3/8/17.
Time of Collection	6:25 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
Signature	KAV
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	N. U. S. D. #1
School Name	Challenger.
Building (name/number)	Special Ed.
Type of Fixture (tap, drinking fountain etc.)	SINK.
Location of Fixture (example, room number)	ROOM. # 21
Sample Identification Number (Write the number here and on sample container)	000881
Date of Collection	3/8/17.
Time of Collection	6:05 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
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	N. U. S. D. #1
School Name	Challenger.
Building (name/number)	Multi-Purpose.
Type of Fixture (tap, drinking fountain etc.)	SINK.
Location of Fixture (example, room number)	Cafeteria.
Sample Identification Number (<u>Write the number here and on sample container</u>)	000882
Date of Collection	3/8/17
Time of Collection	6:02 AM.
Printed Name of Sample Collector	JESUS R. SANDOVAL
Signature Sample Collector	Jesus R. Sandoval

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/17 14:38
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	Nogales Unified School Dist #1
School Name	Challenger
Building (name/number)	Head Start
Type of Fixture (tap, drinking fountain etc.)	NONE
Location of Fixture (example, room number)	NONE
Sample Identification Number (<u>Write the number here and on sample container</u>)	000846 - EMPTY
Date of Collection	3/8/17
Time of Collection	8
Printed Name of Sample Collector	
Signature Sample Collector	

Notes Sample collector:

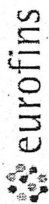
This building is city property and we don't run the program.

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3-10-17 14:38
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.



Eaton Analytical

INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

SAMPLE TEMP RECEIVED:

IR Gun ID = 570A (Observation = 22.8 °C) (Corr. Factor 2.1 °C) (Final = 22.7 °C)

SAMPLES REC'D DAY OF COLLECTION? ☐

TYPE OF ICE: Real ☒ Synthetic ☐ No Ice ☒

CONDITION OF ICE: Frozen ☐ Partially Frozen ☐ Thawed ☒

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

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)

522: (Observation = _____ °C) (Corr. Factor _____ °C) (Final = _____ °C)

≤ 10°C if received within 48 hours of sample collection (not the same business day); ≤ 6°C if received after 48 hours of sample collection. Measure temperature for each method above.

5) LT2: Giardia /Cryptosporidium: <20 °C, not frozen (received after 8 hours of sample collection)

E. Coli: < 10°C, not frozen (if received after 2 hours of sample collection)

Giardia/Crypto: (Observation = _____ °C) (Corr. Factor _____ °C) (Final = _____ °C)

E.Coli: (Observation = _____ °C) (Corr. Factor _____ °C) (Final = _____ °C)

6) Dioxin (1613 or 2,3,7,8 TCDD): must be between 0-4 °C, not frozen (if received after 24 hrs of sample collection)

Note: If samples are out of temperature range, let the ASMs know. ASMs will determine whether to proceed with analysis or not.

RECEIVED BY: <u>MAN</u>	PRINT NAME <u>MAN</u>	COMPANY/TITLE <u>Eurofins Eaton Analytical</u>	DATE <u>3-10-17</u>	TIME <u>14:38</u>
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TRK# 7204 7946 3230

Nogales Unified District	Challenger Elementary School	1001	#000878 6:00am #000887 6:01am Multi-Purpose	Free. Cafeteria/Admin	1986	901 E Calle Mayer	Nogales	85621-	Santa Cruz	2
Nogales Unified District	Challenger Elementary School	1002	#000881 6:05am #000870 6:07am Special Ed. Wing	#21 #22 Classroom	1986	901 E Calle Mayer	Nogales	85621-	Santa Cruz	2
Nogales Unified District	Challenger Elementary School	1003	#000877 6:17am #000889 6:25am Classroom Bldg.	Rm #15 Rm #19 Classroom	1986	901 E Calle Mayer	Nogales	85621-	Santa Cruz	2
Nogales Unified District	Challenger Elementary School	1004	#000875 6:17am #000864 6:15am Library Bldg.	Rm #26 Library/Computer Rm	1986	901 E Calle Mayer	Nogales	85621-	Santa Cruz	2
Nogales Unified District	Challenger Elementary School	1005	#000871 6:10am Wing A	Rm #3 Classroom	1994	901 E Calle Mayer	Nogales	85621-	Santa Cruz	1
Nogales Unified District	Challenger Elementary School	1006	#000872 6:11am Wing B	Rm #18 Classroom	1994	901 E Calle Mayer	Nogales	85621-	Santa Cruz	1
Nogales Unified District	Challenger Elementary School	1007	City Property #000876 Headstart	Classroom	1994	901 E Calle Mayer	Nogales	85621-	Santa Cruz	1
Nogales Unified District	Challenger Elementary School	1008	#000816 6:31am #000874 6:30am Greenhouse	Greenhouse	1986	901 E Calle Mayer	Nogales	85621-	Santa Cruz	2
Nogales Unified District	Challenger Elementary School	1009	#000873 6:29 Kindergarten	Drinking Fountain Classrooms, restrooms	2003	901 E Calle Mayer	Nogales	85621-	Santa Cruz	1
Total Containers										14

Parent -

CHALLENGER ELEMENTARY SCHOOL

**BACK
GATE**

Room 31
Room 30

Room 29
Room 28

Room 32	Girls' Bathroom	Room 34
		Teacher Bathroom
	Boys' Bathroom	Room 35

KINDER

	Counselor Dean
Room 25 Rojas	
Room 24	
Library	

Girl's Restroom

Boy's Restroom

UPSTAIRS

Room 20
Room 19
Room 18 4th S. Cruz
Room 17 4th Spink
Room 16 4th Garcia
Room 15 5th Rojas
Room 14 5th Tellez
Room 13
Room 12
Room 11
Room 10

DOWNSTAIRS

Room 9
Room 8 2nd Sprigg
Room 7 2nd Sainz
Room 6 3rd Castelan
Room 5 3rd Lujan
Room 4 1st Tarango
Room 3 1st Treto
Room 2 K. Hansen
Nurse

Green House

SIDE GATE

Parent Center	Room. 27 Music Milner
Multi-Purpose Room	Stage
Kitchen	Faculty Restrooms
Main Office	
Conference Room	Principal's Office

SIDE GATE

	Room 21	Room 22	Room 23
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Laboratory Comments
Report: 644388

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

Tel: (626) 386-1100
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Laboratory Hits
Report: 644388

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

Samples Received on:
03/10/2017 1438

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
	201703100644	<u>000816</u>				
03/15/2017 10:51	Lead Total ICAP/MS		18	15	ug/L	0.5
	201703100645	<u>000864</u>				
03/12/2017 16:03	Lead Total ICAP/MS		3.9	15	ug/L	0.5
	201703100646	<u>000871</u>				
03/12/2017 16:04	Lead Total ICAP/MS		0.76	15	ug/L	0.5
	201703100647	<u>000872</u>				
03/12/2017 16:05	Lead Total ICAP/MS		3.1	15	ug/L	0.5
	201703100648	<u>000873</u>				
03/12/2017 16:06	Lead Total ICAP/MS		2.0	15	ug/L	0.5
	201703100649	<u>000874</u>				
03/15/2017 10:52	Lead Total ICAP/MS		8.7	15	ug/L	0.5
	201703100650	<u>000875</u>				
03/12/2017 16:07	Lead Total ICAP/MS		0.91	15	ug/L	0.5
	201703100651	<u>000877</u>				
03/12/2017 16:07	Lead Total ICAP/MS		3.6	15	ug/L	0.5
	201703100652	<u>000878</u>				
03/12/2017 16:08	Lead Total ICAP/MS		0.72	15	ug/L	0.5
	201703100653	<u>000879</u>				
03/12/2017 16:09	Lead Total ICAP/MS		1.2	15	ug/L	0.5
	201703100654	<u>000880</u>				
03/12/2017 16:15	Lead Total ICAP/MS		5.9	15	ug/L	0.5
	201703100655	<u>000881</u>				
03/12/2017 16:17	Lead Total ICAP/MS		4.3	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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Laboratory Data
Report: 644388

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

Samples Received on:
03/10/2017 1438

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
000816 (201703100644)						Sampled on 03/08/2017 0632			
Sample Type: Faucet Facility ID: Green House Sample Point ID: Green House									
EPA 200.8 - ICPMS Metals									
03/11/17	03/15/17 10:51	977520	977695	(EPA 200.8)	Lead Total ICAP/MS	18	ug/L	0.5	1
000864 (201703100645)						Sampled on 03/08/2017 0615			
Sample Type: Sink Facility ID: Library Sample Point ID: Library									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:03	977520	977567	(EPA 200.8)	Lead Total ICAP/MS	3.9	ug/L	0.5	1
000871 (201703100646)						Sampled on 03/08/2017 0610			
Sample Type: Sink Facility ID: Wing A Sample Point ID: Room #18									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:04	977520	977567	(EPA 200.8)	Lead Total ICAP/MS	0.76	ug/L	0.5	1
000872 (201703100647)						Sampled on 03/08/2017 0622			
Sample Type: Sink Facility ID: Wing B Sample Point ID: Room #18									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:05	977520	977567	(EPA 200.8)	Lead Total ICAP/MS	3.1	ug/L	0.5	1
000873 (201703100648)						Sampled on 03/08/2017 0629			
Sample Type: Drinking Foucet Facility ID: Kinder Garten Sample Point ID: Classroom									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:06	977520	977567	(EPA 200.8)	Lead Total ICAP/MS	2.0	ug/L	0.5	1
000874 (201703100649)						Sampled on 03/08/2017 0630			
Sample Type: Fouset Facility ID: Green House Sample Point ID: Green House									
EPA 200.8 - ICPMS Metals									
03/11/17	03/15/17 10:52	977520	977695	(EPA 200.8)	Lead Total ICAP/MS	8.7	ug/L	0.5	1
000875 (201703100650)						Sampled on 03/08/2017 0617			
Sample Type: Sink Facility ID: Library Computer Sample Point ID: Computer									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:07	977520	977567	(EPA 200.8)	Lead Total ICAP/MS	0.91	ug/L	0.5	1
000877 (201703100651)						Sampled on 03/08/2017 0627			

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

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Laboratory Data
Report: 644388

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

Samples Received on:
03/10/2017 1438

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Sink Facility ID: Classroom Sample Point ID: Room #15 EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:07	977520	977567	(EPA 200.8)	Lead Total ICAP/MS	3.6	ug/L	0.5	1
000878 (201703100652)						Sampled on 03/08/2017 0600			
Sample Type: Sink Facility ID: Administration Sample Point ID: Office EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:08	977520	977567	(EPA 200.8)	Lead Total ICAP/MS	0.72	ug/L	0.5	1
000879 (201703100653)						Sampled on 03/08/2017 0607			
Sample Type: Sink Facility ID: Special Ed Sample Point ID: Room #22 EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:09	977520	977567	(EPA 200.8)	Lead Total ICAP/MS	1.2	ug/L	0.5	1
000880 (201703100654)						Sampled on 03/08/2017 0625			
Sample Type: Sink Facility ID: Classroom Sample Point ID: Room #19 EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:15	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	5.9	ug/L	0.5	1
000881 (201703100655)						Sampled on 03/08/2017 0605			
Sample Type: Sink Facility ID: Special Ed Sample Point ID: Room #21 EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:17	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	4.3	ug/L	0.5	1
000882 (201703100656)						Sampled on 03/08/2017 0602			
Sample Type: Sink Facility ID: Multi-Purpose Sample Point ID: Cafeteria EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:18	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1

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Arizona Department of Environmental Quality

ICPMS Metals

Prep Batch: 977520 Analytical Batch: 977567

201703100645	000864
201703100646	000871
201703100647	000872
201703100648	000873
201703100650	000875
201703100651	000877
201703100652	000878
201703100653	000879

Analysis Date: 03/12/2017

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

ICPMS Metals

Prep Batch: 977520 Analytical Batch: 977575

201703100654	000880
201703100655	000881
201703100656	000882

Analysis Date: 03/12/2017

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

ICPMS Metals

Prep Batch: 977520 Analytical Batch: 977695

201703100644	000816
201703100649	000874

Analysis Date: 03/15/2017

Analyzed by: DTN
Analyzed by: DTN

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

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
ICPMS Metals by EPA 200.8									
Analytical Batch: 977567					Analysis Date: 03/12/2017				
LCS1	Lead Total ICAP/MS		20	20.0	ug/L	100	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.8	ug/L	99	(85-115)	20	1.0
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.485	ug/L	97	(50-150)		
MS_201703100619	Lead Total ICAP/MS	ND	20	21.7	ug/L	109	(70-130)		
MS2_201703100629	Lead Total ICAP/MS	0.58	20	21.8	ug/L	106	(70-130)		
MSD_201703100619	Lead Total ICAP/MS	ND	20	21.5	ug/L	107	(70-130)	20	0.93
MSD2_201703100629	Lead Total ICAP/MS	0.58	20	22.2	ug/L	108	(70-130)	20	1.4
ICPMS Metals by EPA 200.8									
Analytical Batch: 977575					Analysis Date: 03/12/2017				
LCS1	Lead Total ICAP/MS		20	19.8	ug/L	99	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.8	ug/L	99	(85-115)	20	0.0
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.484	ug/L	97	(50-150)		
MS_201703100654	Lead Total ICAP/MS	5.9	20	26.8	ug/L	105	(70-130)		
MS2_201703100664	Lead Total ICAP/MS	1.8	20	23.2	ug/L	107	(70-130)		
MSD_201703100654	Lead Total ICAP/MS	5.9	20	27.3	ug/L	107	(70-130)	20	1.9
MSD2_201703100664	Lead Total ICAP/MS	1.8	20	22.8	ug/L	105	(70-130)	20	1.3
ICPMS Metals by EPA 200.8									
Analytical Batch: 977695					Analysis Date: 03/15/2017				
LCS1	Lead Total ICAP/MS		20	20.4	ug/L	102	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.6	ug/L	103	(85-115)	20	0.98
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.509	ug/L	102	(50-150)		
MS_201703080582	Lead Total ICAP/MS	0.58	20	20.9	ug/L	101	(70-130)		
MS2_201703091167	Lead Total ICAP/MS	ND	20	20.5	ug/L	102	(70-130)		
MSD_201703080582	Lead Total ICAP/MS	0.58	20	20.9	ug/L	102	(70-130)	20	0.0
MSD2_201703091167	Lead Total ICAP/MS	ND	20	20.5	ug/L	103	(70-130)	20	0.0

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.