

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: (626) 386-1100
Fax: (626) 386-1101
1 800 566 LABS (1 800 566 5227)



Laboratory Report

for

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

Date of Issue
03/14/2017



Eurofins Eaton
Analytical

TDF: Thomas.D.French
Project Manager



Report: 644361
Project: NOGALES-USD
ADHS License #: AZ0778
Group: Lincoln 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 HCO ₃	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 CO ₃	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-CLO ₂ 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-SiO ₂ 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 #: 644361
Project: NOGALES-USD
Sample Group: Lincoln Elementary School

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

The following samples were received from you on **March 10, 2017** at **1148**. 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>201703100539</u>	Port A BR	03/08/2017 0627
	Sample Type: Lavatory Facility ID: Port A Sample Point ID: Port A Bathroom	
	@ICPMS	Freight - Outbound
		Freight - Return
<u>201703100540</u>	Nurses Sink	03/08/2017 0614
	Sample Type: Sink Facility ID: Main Building Sample Point ID: Nurse Office	
	@ICPMS	
<u>201703100541</u>	North WF MB	03/08/2017 0613
	Sample Type: Water Fountain Facility ID: Main Building Sample Point ID: North Main Building	
	@ICPMS	
<u>201703100542</u>	Caf Boys BR	03/08/2017 0603
	Sample Type: Lavatory Facility ID: Cafeteria Sample Point ID: Boys Bathroom	
	@ICPMS	
<u>201703100543</u>	Kitchen Sink	03/08/2017 0602
	Sample Type: Sink Facility ID: Cafeteria Sample Point ID: Kitchen	
	@ICPMS	
<u>201703100544</u>	Esperanza D.F.	03/08/2017 0629
	Sample Type: Drinking Fountain Facility ID: Esperanza Sample Point ID: Esperanza Main Entrance	
	@ICPMS	
<u>201703100545</u>	Port C BR	03/08/2017 0619
	Sample Type: Lavatory Facility ID: Port C Sample Point ID: Port C Bathroom	
	@ICPMS	
<u>201703100546</u>	Room 15	03/08/2017 0621

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 #: 644361
Project: NOGALES-USD
Sample Group: Lincoln Elementary School

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

The following samples were received from you on **March 10, 2017** at **1148**. 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: Port C Sample Point ID: Room 15 @ICPMS	
<u>201703100547</u>	Port B WRR	03/08/2017 0623
	Sample Type: Lavatory Facility ID: Port B Sample Point ID: Women Restroom @ICPMS	

Test Description

@ICPMS -- ICPMS Metals

Collection Log

for experienced sample collectors

644361

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	NUSD #1
School Name	Lincoln Elementary
Building (name/number)	Port A
Type of Fixture (tap, drinking fountain etc.)	Lavatory
Location of Fixture (example, room number)	Port A Bathroom
Sample Identification Number (<u>Write the number here and on sample container</u>)	Port A BR
Date of Collection	March 8, 2017
Time of Collection	6:27AM
Printed Name of Sample Collector	Rhington Estrada
Signature Sample Collector	Rhington Estrada

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/17 11:48
Signature	[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

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	NUSD #1
School Name	Lincoln Elementary
Building (name/number)	Main Building
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Nurses office
Sample Identification Number (<u>Write the number here and on sample container</u>)	Nurses Sink
Date of Collection	March 8, 2017
Time of Collection	6:14AM
Printed Name of Sample Collector	Christian Estrada
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/17 11:48
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

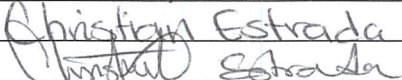
These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log

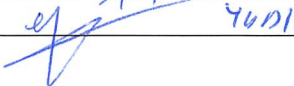
for experienced sample collectors

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	NUSD #1
School Name	Lincoln Elementary
Building (name/number)	Main Building
Type of Fixture (tap, drinking fountain etc.)	Water fountain
Location of Fixture (example, room number)	North Main Building
Sample Identification Number (<u>Write the number here and on sample container</u>)	North WF MB
Date of Collection	March 8, 2017
Time of Collection	6:17AM
Printed Name of Sample Collector	Christina Estrada
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/17 1:24P
Signature	 4601
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

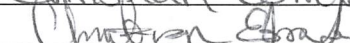
These samples were collected for lead screening purposes only and cannot be used for compliance.

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	NUSD #1
School Name	Lincoln Elementary
Building (name/number)	Cafeteria
Type of Fixture (tap, drinking fountain etc.)	Lavatory
Location of Fixture (example, room number)	Boys Bathroom
Sample Identification Number (<u>Write the number here and on sample container</u>)	Caf Boys BR
Date of Collection	March 8, 2017
Time of Collection	6:03 AM
Printed Name of Sample Collector	Christian Estrada
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/17 11:40
Signature	 4/6/17
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

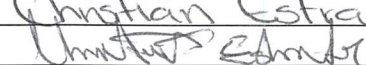
These samples were collected for lead screening purposes only and cannot be used for compliance.

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	NUSD #1
School Name	Lincoln Elementary
Building (name/number)	Cafeteria
Type of Fixture (tap, drinking fountain etc.)	Sink
Location of Fixture (example, room number)	Kitchen
Sample Identification Number (<u>Write the number here and on sample container</u>)	Kitchen Sink
Date of Collection	March 8, 2017
Time of Collection	6:02 AM
Printed Name of Sample Collector	Christian Estrada
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/17 11:20
Signature	 4001
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	NUSD #1
School Name	Lincoln Elementary
Building (name/number)	Esperanza
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Esperanza main entrance
Sample Identification Number (<u>Write the number here and on sample container</u>)	Esperanza D.F.
Date of Collection	March 8, 2017
Time of Collection	6:29AM
Printed Name of Sample Collector	Christian Estrada
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/17 11:42
Signature	 YHJ
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

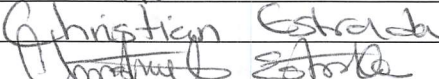
These samples were collected for lead screening purposes only and cannot be used for compliance.

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	NUSD #1
School Name	Lincoln Elementary
Building (name/number)	Port C
Type of Fixture (tap, drinking fountain etc.)	Lavatory
Location of Fixture (example, room number)	Port C Bathroom
Sample Identification Number (<u>Write the number here and on sample container</u>)	Port C BR
Date of Collection	March 8, 2017
Time of Collection	6:19 AM
Printed Name of Sample Collector	Christian Estrada
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/17 11:48
Signature	 4/11/17
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

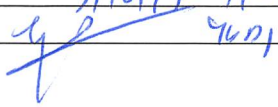
for experienced sample collectors

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	NUSD #1
School Name	Lincoln Elementary
Building (name/number)	Port C
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>)	Room 15
Date of Collection	March 8, 2017
Time of Collection	6:21 AM
Printed Name of Sample Collector	Christian Estrada
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/17 11:28
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

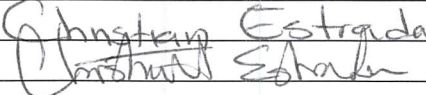
These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log


for experienced sample collectors

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	NUSD #1
School Name	Lincoln Elementary
Building (name/number)	Port B
Type of Fixture (tap, drinking fountain etc.)	Lavatory
Location of Fixture (example, room number)	Women Restroom
Sample Identification Number (<u>Write the number here and on sample container</u>)	Port B WRR
Date of Collection	March 8, 2017
Time of Collection	6:23AM
Printed Name of Sample Collector	Christina Estrada
Signature Sample Collector	

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/17 11:28
Signature	 4/10/1
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

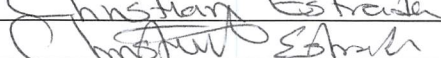
These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log

for experienced sample collectors

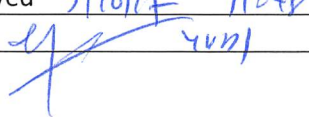
Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ 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	NUSD #1
School Name	Lincoln Elementary
Building (name/number)	N/A Boy Scout Bldg
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	N/A
Sample Identification Number (<u>Write the number here and on sample container</u>)	N/A
Date of Collection	N/A
Time of Collection	N/A
Printed Name of Sample Collector	Christian Estrada
Signature Sample Collector	

Notes Sample collector:

No water source to collect sample.

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/12 11:48
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

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	NUSD #1
School Name	Lincoln Elementary
Building (name/number)	N/A Bay Street Bldg
Type of Fixture (tap, drinking fountain etc.)	N/A
Location of Fixture (example, room number)	N/A
Sample Identification Number (<u>Write the number here and on sample container</u>)	N/A
Date of Collection	N/A
Time of Collection	N/A
Printed Name of Sample Collector	Christian Estrada
Signature Sample Collector	Christian Estrada

Notes Sample collector:

No water source to collect sample.

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/10/17 11:48
Signature	[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.



Eaton Analytical

Kit Order for Arizona Department of Environmental Quality

Thomas.D.French is your Eurofins Eaton Analytical Service Manager

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
(626) 386-1100 FAX (626) 386-1101

Kit #: 159228



Created By: Thomas.D.French - [TDF]
Deliver By: 02/17/2017
STG: Bottle Orders
Ice Type: W

Client ID: ADEQ-LEAD

Project Code: NOGALES-USD Bottle Orders

Group Name: Lincoln Elementary School

PO#/JOB#:

Note: Sampler Please return this paper with your samples

Ship Sample Kits to
Nogales Unified School District
610 W. Western Avenue
Nogales, AZ 85621

Attn: Ricardo De La Riva
Phone: (520) 287-0800

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

11

@ICPMS

Bottle Qty - Type [preservative information]

1 - 250ml poly [no preservative]

UN DOT #

Comments

Lincoln Elementary School. Include Nogales Unified District School-Specific Sample list, 11 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 11 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.

0906 F 069 07:22 PR-1D 2602895
EUROFINS EATON ANALYTICAL
550 ROYAL OAKS DR
STE 100
MONROVIA, CA
91016-6356-99

1105-1589

ETP:15
2D:MR:100:Y
720479463159

Code

Status

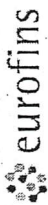
Date Shipped

Via

Tracking #

of Coolers

Prepared By



Eaton Analytical

INTERNAL CHAIN OF CUSTODY RECORD

IEEA Folder Number:

SAMPLE TEMP RECEIVED:

IR Gun ID = 350A (Observation = 20.4 °C) (Corr. Factor = -0.2 °C) (Final = 20.2 °C)

SAMPLES REC'D DAY OF COLLECTION? ☐

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: FedEx

Compliance Acceptance Criteria:

- 1) Chemistry: >0, ≤ 6°C, not frozen (NELAP) (if received after 24 hrs of sample collection)
- 2) Microbiology, Distribution: < 10°C, not frozen (can be ≥ 10°C if received on ice the same day as sample collection, within 8 hours)
- 3) Microbiology, Surface Water: < 10°C (if received after 2 hours of sample collection)

If out of temperature range for both Chemistry and Microbiology samples and temperature does not confirm, then measure the temperature of each quadrant and record each temperature of the quadrants

1 = (Observation = _____ °C) (Corr. Factor = _____ °C) (Final = _____ °C)	2 = (Observation = _____ °C) (Corr. Factor = _____ °C) (Final = _____ °C)
3 = (Observation = _____ °C) (Corr. Factor = _____ °C) (Final = _____ °C)	4 = (Observation = _____ °C) (Corr. Factor = _____ °C) (Final = _____ °C)

4) UCMR3: 524.3: (Observation = _____ °C) (Corr. Factor = _____ °C) (Final = _____ °C)
(non-GLEC)

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

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

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

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

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

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

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

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

RECEIVED BY: <u>[Signature]</u>	SIGNATURE	COMPANY/TITLE	DATE	TIME
		Eurofins Eaton Analytical	3/10/14	11:48

7204 7946 3159

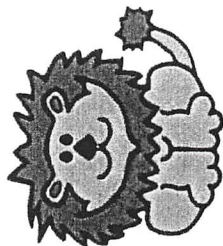
Nogales Unified District	Lincoln Elementary School	1001	Main Building G	Admin, <i>W X G</i> Classrooms	1921	652 N Tyler Ave	Nogales	85621-1949	Santa Cruz	2
Nogales Unified District	Lincoln Elementary School	1002	Port A	Classrooms	1994	652 N Tyler Ave	Nogales	85621-1949	Santa Cruz	1
Nogales Unified District	Lincoln Elementary School	1003	Port B	Classrooms	1994	652 N Tyler Ave	Nogales	85621-1949	Santa Cruz	1
Nogales Unified District	Lincoln Elementary School	1004	Port C	<i>2 1 3 2</i> Classrooms	1960	652 N Tyler Ave	Nogales	85621-1949	Santa Cruz	2
Nogales Unified District	Lincoln Elementary School	1005	Multi-Purpose	Gym, Classroom, Cafeteria <i>✓</i>	1986	652 N Tyler Ave	Nogales	85621-1949	Santa Cruz	2
Nogales Unified District	Lincoln Elementary School	1006	Boy Scout Bldg.	<i>2/A</i> Classrooms	1952	652 N Tyler Ave	Nogales	85621-1949	Santa Cruz	2
Nogales Unified District	Lincoln Elementary School	1007	Esperanza	Classrooms	1992	652 N Tyler Ave	Nogales	85621-1949	Santa Cruz	1
Total Containers										11

Lincoln Elementary School

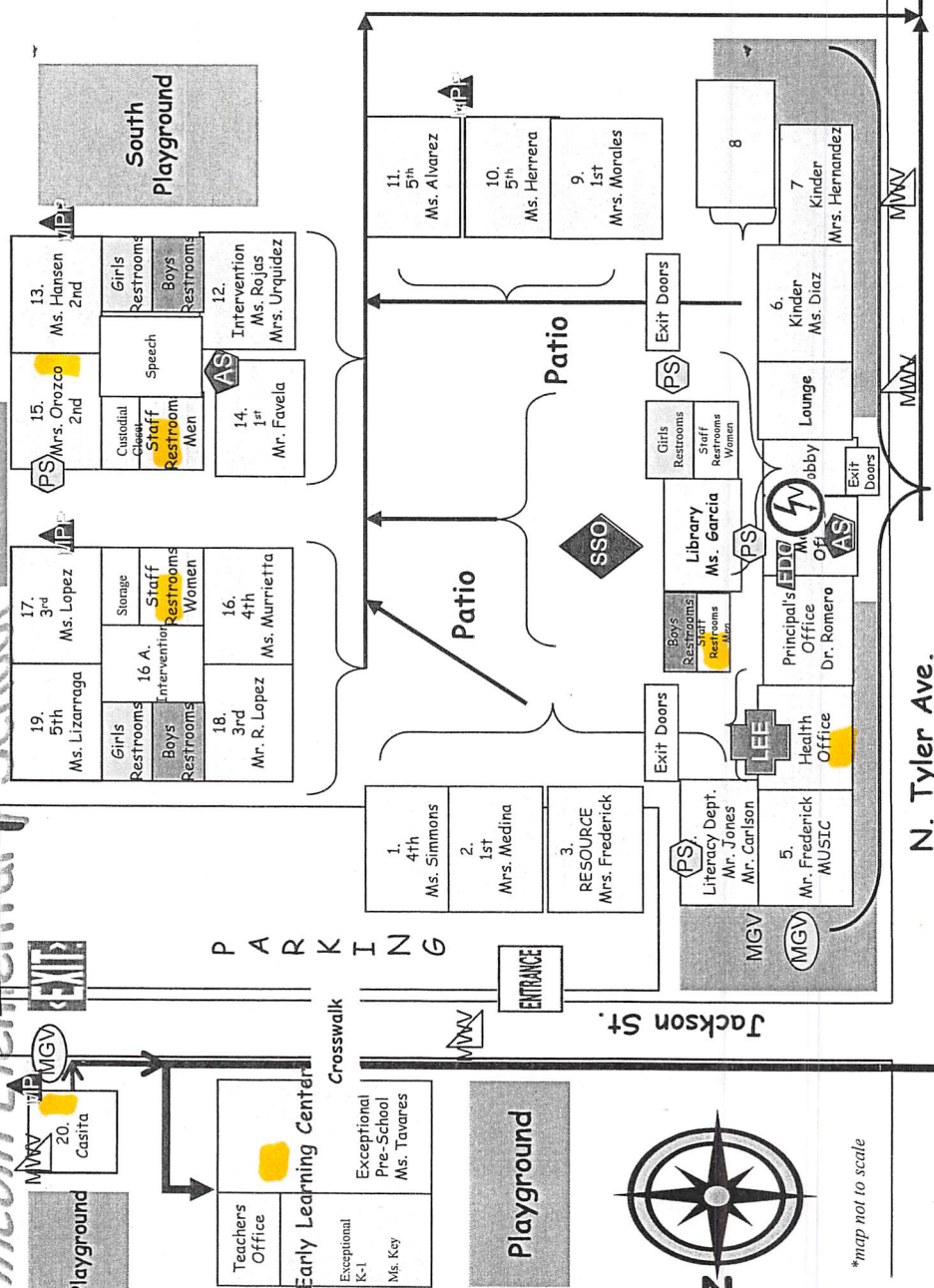
Home

of the

Proud Lions



DREAM, BELIEVE, LEARN, ACHIEVE!



**map not to scale*

N. Tyler Ave.

Lincoln Lions



NO EXCUSES!

Morley Ave.

O. Rivas

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

Laboratory Comments
Report: 644361

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

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

Laboratory Hits
Report: 644361

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

Samples Received on:
03/10/2017 1148

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
	201703100539	<u>Port A BR</u>				
03/12/2017 15:09	Lead Total ICAP/MS		4.0	15	ug/L	0.5
	201703100540	<u>Nurses Sink</u>				
03/12/2017 15:10	Lead Total ICAP/MS		5.6	15	ug/L	0.5
	201703100541	<u>North WF MB</u>				
03/12/2017 15:10	Lead Total ICAP/MS		0.80	15	ug/L	0.5
	201703100542	<u>Caf Boys BR</u>				
03/12/2017 15:11	Lead Total ICAP/MS		3.3	15	ug/L	0.5
	201703100544	<u>Esperanza D.F.</u>				
03/12/2017 15:14	Lead Total ICAP/MS		1.9	15	ug/L	0.5
	201703100546	<u>Room 15</u>				
03/12/2017 15:16	Lead Total ICAP/MS		1.2	15	ug/L	0.5
	201703100547	<u>Port B WRR</u>				
03/12/2017 15:17	Lead Total ICAP/MS		1.2	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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

Laboratory Data
Report: 644361

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

Samples Received on:
03/10/2017 1148

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Port A BR (201703100539)						Sampled on 03/08/2017 0627			
Sample Type: Lavatory Facility ID: Port A Sample Point ID: Port A Bathroom									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 15:09	977520	977562	(EPA 200.8)	Lead Total ICAP/MS	4.0	ug/L	0.5	1
Nurses Sink (201703100540)						Sampled on 03/08/2017 0614			
Sample Type: Sink Facility ID: Main Building Sample Point ID: Nurse Office									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 15:10	977520	977562	(EPA 200.8)	Lead Total ICAP/MS	5.6	ug/L	0.5	1
North WF MB (201703100541)						Sampled on 03/08/2017 0613			
Sample Type: Water Fountain Facility ID: Main Building Sample Point ID: North Main Building									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 15:10	977520	977562	(EPA 200.8)	Lead Total ICAP/MS	0.80	ug/L	0.5	1
Caf Boys BR (201703100542)						Sampled on 03/08/2017 0603			
Sample Type: Lavatory Facility ID: Cafeteria Sample Point ID: Boys Bathroom									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 15:11	977520	977562	(EPA 200.8)	Lead Total ICAP/MS	3.3	ug/L	0.5	1
Kitchen Sink (201703100543)						Sampled on 03/08/2017 0602			
Sample Type: Sink Facility ID: Cafeteria Sample Point ID: Kitchen									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 15:12	977520	977562	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
Esperanza D.F. (201703100544)						Sampled on 03/08/2017 0629			
Sample Type: Drinking Fountain Facility ID: Esperanza Sample Point ID: Esperanza Main Entrance									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 15:14	977520	977562	(EPA 200.8)	Lead Total ICAP/MS	1.9	ug/L	0.5	1
Port C BR (201703100545)						Sampled on 03/08/2017 0619			
Sample Type: Lavatory Facility ID: Port C Sample Point ID: Port C Bathroom									
EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 15:15	977520	977562	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
Room 15 (201703100546)						Sampled on 03/08/2017 0621			

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

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

Laboratory Data
Report: 644361

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

Samples Received on:
03/10/2017 1148

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
<p>Sample Type: Sink Facility ID: Port C Sample Point ID: Room 15</p> <p>EPA 200.8 - ICPMS Metals</p>									
03/11/17	03/12/17 15:16	977520	977562	(EPA 200.8)	Lead Total ICAP/MS	1.2	ug/L	0.5	1
<p><u>Port B WRR (201703100547)</u></p> <p>Sample Type: Lavatory Facility ID: Port B Sample Point ID: Women Restroom</p> <p>EPA 200.8 - ICPMS Metals</p>									
03/11/17	03/12/17 15:17	977520	977562	(EPA 200.8)	Lead Total ICAP/MS	1.2	ug/L	0.5	1

Sampled on 03/08/2017 0623

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

Arizona Department of Environmental Quality

ICPMS Metals

Prep Batch: 977520 Analytical Batch: 977562

201703100539	Port A BR
201703100540	Nurses Sink
201703100541	North WF MB
201703100542	Caf Boys BR
201703100543	Kitchen Sink
201703100544	Esperanza D.F.
201703100545	Port C BR
201703100546	Room 15
201703100547	Port B WRR

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

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

Arizona Department of Environmental Quality

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
ICPMS Metals by EPA 200.8									
Analytical Batch: 977562					Analysis Date: 03/12/2017				
LCS1	Lead Total ICAP/MS		20	20.0	ug/L	100	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.2	ug/L	101	(85-115)	20	1
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.480	ug/L	96	(50-150)		
MS_201703100519	Lead Total ICAP/MS	0.50	20	22.1	ug/L	108	(70-130)		
MS2_201703100529	Lead Total ICAP/MS	1.8	20	23.0	ug/L	106	(70-130)		
MSD_201703100519	Lead Total ICAP/MS	0.50	20	21.9	ug/L	107	(70-130)	20	0.91
MSD2_201703100529	Lead Total ICAP/MS	1.8	20	23.1	ug/L	107	(70-130)	20	0.43

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.