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AT-1807

## 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: 644390  
Project: NOGALES-USD  
ADHS License #: AZ0778  
Group: Pierson Vocational High  
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 <sub>3</sub>	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 <sub>3</sub>	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 <sub>2</sub> 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 <sub>2</sub> C	x	x	
Sulfide	SM 4500-S <sup>-</sup> D		x	
Sulfite	SM 4500-SO <sub>3</sub> 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 #: 644390  
Project: NOGALES-USD  
Sample Group: Pierson Vocational High 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 **1456**. 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>201703100657</u>	004005	03/08/2017 0502
	Sample Type: Faucet Facility ID: Jefferson Sample Point ID: Boys Restroom	
	@ICPMS	Freight - Outbound
		Freight - Return
<u>201703100658</u>	004006	03/08/2017 0519
	Sample Type: House Bib Facility ID: Central Boiler Sample Point ID: Mechanical	
	@ICPMS	
<u>201703100659</u>	004007	03/08/2017 0510
	Sample Type: Faucet Facility ID: GYM Sample Point ID: GYM	
	@ICPMS	
<u>201703100660</u>	004008	03/08/2017 0500
	Sample Type: Faucet Facility ID: Jefferson Sample Point ID: Girl's Restroom	
	@ICPMS	
<u>201703100661</u>	004009	03/08/2017 0536
	Sample Type: Faucet Facility ID: Roosevelt Sample Point ID: Boy's Restroom	
	@ICPMS	
<u>201703100662</u>	004010	03/08/2017 0535
	Sample Type: Faucet Facility ID: Roosevelt Sample Point ID: Boy's Restroom	
	@ICPMS	
<u>201703100663</u>	004013	03/08/2017 0511
	Sample Type: Drinking Fountain Facility ID: GYM Sample Point ID: GYM	
	@ICPMS	
<u>201703100664</u>	004014	03/08/2017 0543



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Sample #	Sample ID	Sample Date
	Sample Type: Drinking Fountain Facility ID: Washington Sample Point ID: Boy's Restroom @ICPMS	
<u>201703100665</u>	004015	03/08/2017 0547
	Sample Type: Outside Faucet Facility ID: Kennedy Sample Point ID: Hose Bib @ICPMS	
<u>201703100666</u>	004016	03/08/2017 0533
	Sample Type: Faucet Facility ID: Rppsevelt Sample Point ID: Girl's Restroom @ICPMS	
<u>201703100667</u>	004017	03/08/2017 0532
	Sample Type: Faucet Facility ID: Roosevelt Sample Point ID: Girl's Restroom @ICPMS	
<u>201703100668</u>	004018	03/08/2017 0542
	Sample Type: Drinking Fountain Facility ID: Washington Bl. Sample Point ID: Boy's Restroom @ICPMS	

## Test Description

@ICPMS -- ICPMS Metals

## 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	Pierson.
Building (name/number)	Jefferson.
Type of Fixture (tap, drinking fountain etc.)	fountain.
Location of Fixture (example, room number)	boy. restroom.
Sample Identification Number ( <b>Write the number here and on sample container</b> )	004005.
Date of Collection	3/8/17.
Time of Collection	5:02.
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 14:56
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

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Name of School District	N. U. S. D. #1
School Name	Prerson.
Building (name/number)	Central Boiler.
Type of Fixture (tap, drinking fountain etc.)	House bib.
Location of Fixture (example, room number)	Mechanical
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004006.
Date of Collection	3/8/17.
Time of Collection	5:19
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 14:56
Signature	MAU
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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Name of School District	N. U. S. D. #1
School Name	Prerson.
Building (name/number)	GVM.
Type of Fixture (tap, drinking fountain etc.)	Fountain.
Location of Fixture (example, room number)	GVM.
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004007
Date of Collection	3/8/17.
Time of Collection	5:10 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 14:56
Signature	MMV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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Name of School District	N. U. S. D. #1
School Name	Pierson.
Building (name/number)	Jefferson.
Type of Fixture (tap, drinking fountain etc.)	Faucet.
Location of Fixture (example, room number)	Girl's Restroom.
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004008
Date of Collection	3/8/17.
Time of Collection	5:00 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 14:56
Signature	MAU
Notes:	

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Relinquished date and signature \_\_\_\_\_

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Name of School District	NUSD #1
School Name	Pierson
Building (name/number)	Roosevelt
Type of Fixture (tap, drinking fountain etc.)	Faucet
Location of Fixture (example, room number)	Boy's restroom
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004009
Date of Collection	3-8-17
Time of Collection	5:36
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	2
Date and Time Lab received	3-10-17 14:56
Signature	MAN
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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Name of School District	NUSD #1
School Name	Pierson
Building (name/number)	Roosevelt
Type of Fixture (tap, drinking fountain etc.)	Faucet
Location of Fixture (example, room number)	boy. restroom.
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004010
Date of Collection	3/8/17.
Time of Collection	5:35 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 14:56
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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Name of School District	N. U. S. D. #1
School Name	Prerison.
Building (name/number)	Gym.
Type of Fixture (tap, drinking fountain etc.)	Drinking fountain.
Location of Fixture (example, room number)	Gym.
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004013.
Date of Collection	3/8/17.
Time of Collection	5:11 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 14:56
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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Name of School District	N.V.S.D. #1
School Name	Pier son.
Building (name/number)	Washington.
Type of Fixture (tap, drinking fountain etc.)	Drinking fountain.
Location of Fixture (example, room number)	boy. restroom.
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004014.
Date of Collection	3/8/17.
Time of Collection	5:43 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	Mar 3-10-17 14:56
Signature	MAN
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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Name of School District	N. D. S. D. #1
School Name	Pierson.
Building (name/number)	Kennedy
Type of Fixture (tap, drinking fountain etc.)	outside fount.
Location of Fixture (example, room number)	Hose bib.
Sample Identification Number ( <b>Write the number here and on sample container</b> )	004015.
Date of Collection	3/8/17.
Time of Collection	5:47 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 14:56
Signature	MAN
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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## Collection Log

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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.

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Name of School District	NUSD #1
School Name	Pierson
Building (name/number)	Adams
Type of Fixture (tap, drinking fountain etc.)	Faucet
Location of Fixture (example, room number)	Girls Rest room
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004016
Date of Collection	3-8-17
Time of Collection	5:33
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 14:56
Signature	mm
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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Name of School District	NUSD #1
School Name	Pierson
Building (name/number)	Roosevelt
Type of Fixture (tap, drinking fountain etc.)	Faucet
Location of Fixture (example, room number)	Girls restroom
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004016 004017
Date of Collection	3-8-17
Time of Collection	5:32
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 14:56
Signature	
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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## 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	Pierson.
Building (name/number)	Washington Bl.
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain.
Location of Fixture (example, room number)	Boy restroom.
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004018
Date of Collection	3/8/17.
Time of Collection	5:42 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 14:56
Signature	MAN
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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

## 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.

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Name of School District	N. U. S. D. #1
School Name	Pierson.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	NO water source.
Location of Fixture (example, room number)	
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004011
Date of Collection	3/8/17.
Time of Collection	
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	3-16-17
Signature	14:56
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	Person.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	No water source.
Location of Fixture (example, room number)	
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004022.
Date of Collection	3/8/17.
Time of Collection	
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 14:56
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*

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	JESUS R. SANDOVAL
School Name	Pierson.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	No water. Source.
Location of Fixture (example, room number)	
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004024.
Date of Collection	3/8/17-
Time of Collection	
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 14:56
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*

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	Pierson.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	No water source.
Location of Fixture (example, room number)	
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004025.
Date of Collection	3/8/17.
Time of Collection	
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 19:56
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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- ☒ 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	Pierson.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	NO WATER SOURCE
Location of Fixture (example, room number)	
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004026.
Date of Collection	3/8/17.
Time of Collection	
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 14:56
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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- ☒ 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	Pierson.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	No water source.
Location of Fixture (example, room number)	
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004028.
Date of Collection	3/8/17.
Time of Collection	
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 14:56
Signature	<i>[Signature]</i>
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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## Collection Log

*for experienced sample collectors*

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- ☒ 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. V. S. D. #1
School Name	Pierson.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	No water house.
Location of Fixture (example, room number)	
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004029.
Date of Collection	3/8/17.
Time of Collection	
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 14:56
Signature	MMV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature \_\_\_\_\_

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## 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.V.S.D. H 1
School Name	Pierson.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	No water source.
Location of Fixture (example, room number)	
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004031
Date of Collection	3/8/17.
Time of Collection	
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 14:56
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	Pierson.
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	• No water source.
Location of Fixture (example, room number)	
Sample Identification Number ( <b><u>Write the number here and on sample container</u></b> )	004032.
Date of Collection	3/8/17.
Time of Collection	
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 14:56
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.*

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

Kit #: 159231



Created By: Thomas.D.French - [TDF]  
Deliver By: 02/17/2017

STG: Bottle Orders

Ice Type: W

**Note: Sampler Please return this paper with your samples**

Client ID: ADEQ-LEAD  
Project Code: NOGALES-USD Bottle Orders  
Group Name: Pierson Vocational High School  
PO#JOB#:

**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

21

@ICPMS

Bottle Qty - Type [ preservative information ]

1 - 250ml poly [ no preservative ]

UN DOT #

**Comments**

Pierson Vocational HS. Include Nogales Unified District School-Specific Sample list, 21 Lead Sampling Plan Records, packing instructions for return shipment to Eurofins Eaton Analytical, Inc. 750 Royal Oaks Drive, Suite C, Monrovia, CA 91016. 21 sample containers. Return Shipment Fed EX

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

Code

Status

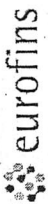
Date Shipped

Via

Tracking #

# of Coolers

Prepared By



Eaton Analytical

# INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

SAMPLE TEMP RECEIVED:

IR Gun ID = 570A (Observation = 22.3 °C) (Corr. Factor -1 °C) (Final = 22.2 °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: \_\_\_\_\_

TRK# **7204 7946 2900**

## 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>MAN</u>	PRINT NAME <u>MAN</u>	COMPANY/TITLE <u>Eurofins Eaton Analytical</u>	DATE <u>3-10-17</u>	TIME <u>14:56</u>
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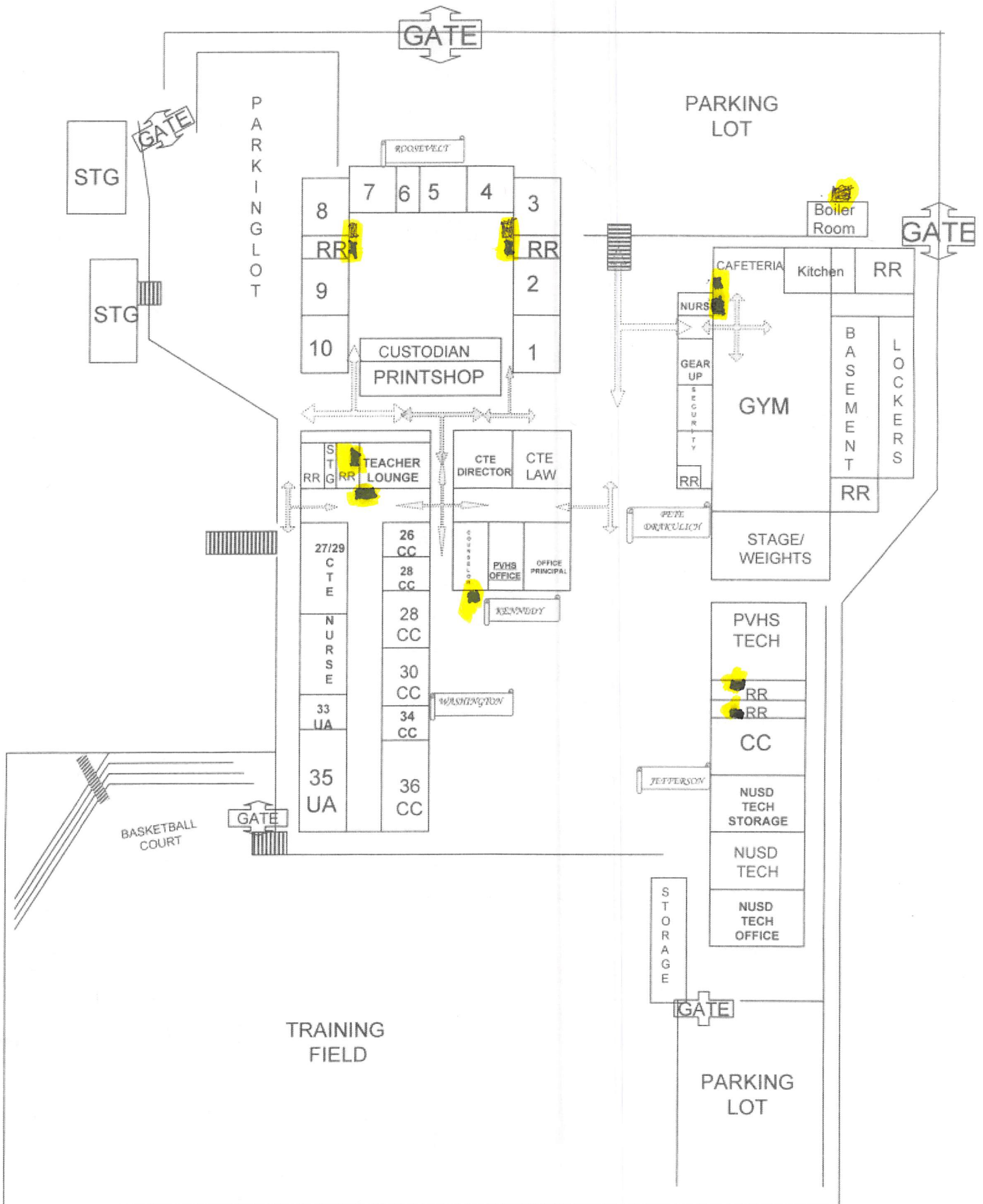




Nogales Unified District	Pierson Vocational High School (formerly Santa Cruz Alternative H.S.)	1001	<del>#004017</del> <del>#004016</del> Roosevelt	Faucet Girls Rest. Classrooms	1915	351 W Plum St	Nogales	85621-	Santa Cruz	2
Nogales Unified District	Pierson Vocational High School (formerly Santa Cruz Alternative H.S.)	1002	<del>#004009</del> <del>#004010</del> Roosevelt Admin	Faucet Boys Rest Administration	1958	351 W Plum St	Nogales	85621-	Santa Cruz	2
Nogales Unified District	Pierson Vocational High School (formerly Santa Cruz Alternative H.S.)	1003	<del>#004014</del> <del>#004018</del> Washington Bldg.	washington Boys Rest. washington Drinking Classrooms	1962	351 W Plum St	Nogales	85621-	Santa Cruz	2
Nogales Unified District	Pierson Vocational High School (formerly Santa Cruz Alternative H.S.)	1004	<del>#004015</del> Kennedy Bldg.	outside Faucet Classrooms	1992	351 W Plum St	Nogales	85621-	Santa Cruz	1
Nogales Unified District	Pierson Vocational High School (formerly Santa Cruz Alternative H.S.)	1006	Locker Bldg.	<del>1/A</del> Students Lockers	1989	351 W Plum St	Nogales	85621-	Santa Cruz	1

Nogales Unified District	Pierson Vocational High School (formerly Santa Cruz Alternative H.S.)	1011	<i>N/A</i> Storage Building	Dist. Storage	1950	351 W Plum St	Nogales	85621-	Santa Cruz	2
Nogales Unified District	Pierson Vocational High School (formerly Santa Cruz Alternative H.S.)	1012	<i>N/A</i> Storage Bldg. #2	Storage	1975	351 W Plum St	Nogales	85621-	Santa Cruz	2
Nogales Unified District	Pierson Vocational High School (formerly Santa Cruz Alternative H.S.)	1013	<i>N/A</i> Concession	Storage	1950	351 W Plum St	Nogales	85621-	Santa Cruz	2
Total Containers										21

# PIERSON VOCATIONAL HIGH SCHOOL MAP



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

**Laboratory Comments**  
**Report: 644390**

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

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

Laboratory Hits  
Report: 644390

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

Samples Received on:  
03/10/2017 1456

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
03/12/2017 16:19	Lead Total ICAP/MS	<b>201703100657</b> <b><u>004005</u></b>	1.1	15	ug/L	0.5
03/12/2017 16:21	Lead Total ICAP/MS	<b>201703100658</b> <b><u>004006</u></b>	55	15	ug/L	0.5
03/12/2017 16:22	Lead Total ICAP/MS	<b>201703100659</b> <b><u>004007</u></b>	10	15	ug/L	0.5
03/12/2017 16:23	Lead Total ICAP/MS	<b>201703100660</b> <b><u>004008</u></b>	2.6	15	ug/L	0.5
03/12/2017 16:24	Lead Total ICAP/MS	<b>201703100661</b> <b><u>004009</u></b>	21	15	ug/L	0.5
03/12/2017 16:24	Lead Total ICAP/MS	<b>201703100662</b> <b><u>004010</u></b>	3.6	15	ug/L	0.5
03/12/2017 16:25	Lead Total ICAP/MS	<b>201703100663</b> <b><u>004013</u></b>	1.6	15	ug/L	0.5
03/12/2017 16:26	Lead Total ICAP/MS	<b>201703100664</b> <b><u>004014</u></b>	1.8	15	ug/L	0.5
03/12/2017 16:31	Lead Total ICAP/MS	<b>201703100666</b> <b><u>004016</u></b>	14	15	ug/L	0.5
03/12/2017 16:32	Lead Total ICAP/MS	<b>201703100667</b> <b><u>004017</u></b>	4.4	15	ug/L	0.5
03/12/2017 16:32	Lead Total ICAP/MS	<b>201703100668</b> <b><u>004018</u></b>	0.87	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: 644390

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

Samples Received on:  
03/10/2017 1456

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
<b>004005 (201703100657)</b>						<b>Sampled on 03/08/2017 0502</b>			
Sample Type: Faucet Facility ID: Jefferson Sample Point ID: Boys Restroom									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 16:19	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	1.1	ug/L	0.5	1
<b>004006 (201703100658)</b>						<b>Sampled on 03/08/2017 0519</b>			
Sample Type: House Bib Facility ID: Central Boiler Sample Point ID: Mechanical									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 16:21	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	55	ug/L	0.5	1
<b>004007 (201703100659)</b>						<b>Sampled on 03/08/2017 0510</b>			
Sample Type: Faucet Facility ID: GYM Sample Point ID: GYM									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 16:22	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	10	ug/L	0.5	1
<b>004008 (201703100660)</b>						<b>Sampled on 03/08/2017 0500</b>			
Sample Type: Faucet Facility ID: Jefferson Sample Point ID: Girl's Restroom									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 16:23	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	2.6	ug/L	0.5	1
<b>004009 (201703100661)</b>						<b>Sampled on 03/08/2017 0536</b>			
Sample Type: Faucet Facility ID: Roosevelt Sample Point ID: Boy's Restroom									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 16:24	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	21	ug/L	0.5	1
<b>004010 (201703100662)</b>						<b>Sampled on 03/08/2017 0535</b>			
Sample Type: Faucet Facility ID: Roosevelt Sample Point ID: Boy's Restroom									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 16:24	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	3.6	ug/L	0.5	1
<b>004013 (201703100663)</b>						<b>Sampled on 03/08/2017 0511</b>			
Sample Type: Drinking Fountain Facility ID: GYM Sample Point ID: GYM									
<b>EPA 200.8 - ICPMS Metals</b>									
03/11/17	03/12/17 16:25	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	1.6	ug/L	0.5	1
<b>004014 (201703100664)</b>						<b>Sampled on 03/08/2017 0543</b>			

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: 644390

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

Samples Received on:  
03/10/2017 1456

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Drinking Fountain Facility ID: Washington Sample Point ID: Boy's Restroom EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:26	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	1.8	ug/L	0.5	1
004015 (201703100665)						Sampled on 03/08/2017 0547			
Sample Type: Outside Faucet Facility ID: Kennedy Sample Point ID: Hose Bib EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:28	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
004016 (201703100666)						Sampled on 03/08/2017 0533			
Sample Type: Faucet Facility ID: Rppsevelt Sample Point ID: Girl's Restroom EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:31	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	14	ug/L	0.5	1
004017 (201703100667)						Sampled on 03/08/2017 0532			
Sample Type: Faucet Facility ID: Roosevelt Sample Point ID: Girl's Restroom EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:32	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	4.4	ug/L	0.5	1
004018 (201703100668)						Sampled on 03/08/2017 0542			
Sample Type: Drinking Fountain Facility ID: Washington Bl. Sample Point ID: Boy's Restroom EPA 200.8 - ICPMS Metals									
03/11/17	03/12/17 16:32	977520	977575	(EPA 200.8)	Lead Total ICAP/MS	0.87	ug/L	0.5	1



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**ICPMS Metals**

**Prep Batch: 977520 Analytical Batch: 977575**

201703100657	004005
201703100658	004006
201703100659	004007
201703100660	004008
201703100661	004009
201703100662	004010
201703100663	004013
201703100664	004014
201703100665	004015
201703100666	004016
201703100667	004017
201703100668	004018

**Analysis Date: 03/12/2017**

Analyzed by: RPD  
Analyzed by: RPD  
Analyzed by: RPD  
Analyzed by: RPD  
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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
<b>ICPMS Metals by EPA 200.8</b>									
<b>Analytical Batch: 977575</b>					<b>Analysis Date: 03/12/2017</b>				
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

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.