

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: (626) 386-1100
Fax: (866) 988-3757
1 800 566 LABS (1 800 566 5227)



AT-1807

Laboratory Report

for

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

Date of Issue
08/02/2017


Eurofins Eaton
Analytical, Inc.

TDF: Thomas.D.French
Project Manager

Report:675969
Project:CRANE-EDCONF
ADHS License #:AZ0778
Group:Crane Middle School Confirmation
PO#:PO#: ADEQ16-116686:3



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

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

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

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

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

STATE CERTIFICATION LIST

State	Certification Number	State	Certification Number
Alabama	41060	Michigan	9906
Arizona	AZ0778	Mississippi	Certified
Arkansas	Certified	Montana	Cert 0035
California-Monrovia-ELAP	2813	Nebraska	Certified
California-Colton- ELAP	2812	Nevada	CA00006-2016
California-Folsom- ELAP	2820	New Hampshire *	2959
California-Fresno- ELAP	2966	New Jersey *	CA 008
Colorado	Certified	New Mexico	Certified
Connecticut	PH-0107	New York *	11320
Delaware	CA 006	North Carolina	06701
Florida *	E871024	North Dakota	R-009
Georgia	947	Oregon (Primary AB) *	ORELAP 4034
Guam	17-005R	Pennsylvania *	68-565
Hawaii	Certified	Puerto Rico	Certified
Idaho	Certified	Rhode Island	LAO00326
Illinois *	200033	South Carolina	87016
Indiana	C-CA-01	South Dakota	Certified
Iowa - Asbestos	413	Tennessee	TN02839
Kansas *	E-10268	Texas *	T104704230-16-11
Kentucky	90107	Utah *	CA000062017-11
Louisiana *	LA16003	Vermont	VT0114
Maine	CA0006	Virginia *	460260
Maryland	224	Washington	C838
Commonwealth of Northern Marianas Is.	MP0004	EPA Region 5	Certified
Massachusetts	M-CA006	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 #: 675969
Project: CRANE-EDCONF
Sample Group: Crane Middle School Confirmation

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

The following samples were received from you on **July 31, 2017** at **1010**. 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, Inc..

Sample #	Sample ID	Sample Date
<u>201707310436</u>	9 Screening Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Hallway Next to Janitor Room @ICPMS	07/28/2017 0612
<u>201707310437</u>	11 Screening Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Entrance Hallway South @ICPMS	07/28/2017 0618
<u>201707310438</u>	13 Screening Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Hallway Cafeteria @ICPMS	07/28/2017 0610
<u>201707310439</u>	20 Screening Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Main Hallway @ICPMS	07/28/2017 0625
<u>201707310440</u>	21 Screening Sample Type: Hallway West Cafeteria Fountain Facility ID: Crani School District 13 Sample Point ID: Hallway West Cafeteria @ICPMS	07/28/2017 0615
<u>201707310441</u>	22 Screening Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Outside Quad Area @ICPMS	07/28/2017 0642
<u>201707310442</u>	24 Screening Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Hallway Gym @ICPMS	07/28/2017 0620
<u>201707310443</u>	26 Screening	07/28/2017 0630

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Sample #	Sample ID	Sample Date
	Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Nurse's Office @ICPMS	

Test Description

@ICPMS -- ICPMS Metals

675969

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	Crane School District 13
School Name	Crane
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	HALLWAY next to Janitor Room
Sample Identification Number (ensure this number is also on the sample container)	9
Date of Collection	7/28/17
Time of Collection	6:12 AM
Printed Name of Sample Collector	Pablo Salcedo
Signature Sample Collector	Pablo C. Salcedo

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	7-31-17 10:10
Signature	10: MAY
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.

ADEQ Public School Drinking Water Lead Screening Program
Sampling Plan & Collection Log

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	Crane School District
School Name	Crane
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Entrance, Hallway South
Sample Identification Number (ensure this number is also on the sample container)	11
Date of Collection	7/28/17
Time of Collection	6:18 AM
Printed Name of Sample Collector	Pablo Salcedo
Signature Sample Collector	Pablo C. Salcedo

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	7-31-17 10:10
Signature	MAZ
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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ADEQ Public School Drinking Water Lead Screening Program
Sampling Plan & Collection Log

Collection Log
for experienced sample collectors

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Name of School District	Crane School District 13
School Name	Crane
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	Hallway Cafeteria
Sample Identification Number (ensure this number is also on the sample container)	13
Date of Collection	7/28/17
Time of Collection	6:10 AM
Printed Name of Sample Collector	Pablo Salcedo
Signature Sample Collector	Pablo C. Salcedo

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	7.31.17 10:10
Signature	MAZ
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	Crane School District 13
School Name	Crane
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Drinking fountain
Location of Fixture (example, room number)	MAIN HALLWAY
Sample Identification Number (ensure this number is also on the sample container)	20
Date of Collection	7/28/17
Time of Collection	6:25 AM
Printed Name of Sample Collector	Pablo Salcedo
Signature Sample Collector	Pablo C. Salcedo

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	7-31-17 10:10
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	Crane School District 13
School Name	Crane
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	HALLWAY west cafeteria fountain
Location of Fixture (example, room number)	HALLWAY west cafeteria
Sample Identification Number (ensure this number is also on the sample container)	21
Date of Collection	7/28/17
Time of Collection	6:15 Am
Printed Name of Sample Collector	Pablo Salcedo
Signature Sample Collector	Pablo C. Salcedo

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	7.31.17 10:10
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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ADEQ Public School Drinking Water Lead Screening Program
Sampling Plan & Collection Log

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	Crane School District 13
School Name	Crane
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	outside Quad area
Sample Identification Number (ensure this number is also on the sample container)	22
Date of Collection	7/28
Time of Collection	6:42
Printed Name of Sample Collector	Pablo Salcedo
Signature Sample Collector	Pablo C. Salcedo

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	7.31.17 10:10
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	Crane School District 13
School Name	Crane
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Drinking Fountain
Location of Fixture (example, room number)	HALLWAY Gym
Sample Identification Number (ensure this number is also on the sample container)	24
Date of Collection	7/28/17
Time of Collection	6:20 AM
Printed Name of Sample Collector	Pablo Salcedo
Signature Sample Collector	Pablo C. Salcedo

Notes Sample collector:	
-------------------------	--

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	7-31-17 10:10
Signature	MAV
Notes:	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

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ADEQ Public School Drinking Water Lead Screening Program
Sampling Plan & Collection Log

Collection Log
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Name of School District	Crane School District 13
School Name	Crane
Building (name/number)	
Type of Fixture (tap, drinking fountain etc.)	Drinking fountain
Location of Fixture (example, room number)	Nurse's office
Sample Identification Number (ensure this number is also on the sample container)	26
Date of Collection	7/28/17
Time of Collection	6:30
Printed Name of Sample Collector	Pablo Salcedo
Signature Sample Collector	Pablo C. Salcedo

Notes Sample collector:

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	7-31-17 10:10
Signature	MAK
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.



eurofins

Eaton Analytical

INTERNAL CHAIN OF CUSTODY RECORD

EEA Folder Number:

675969

SAMPLE TEMP RECEIVED:

SAMPLES REC'D DAY OF COLLECTION? ☐

IR Gun ID = 570A (Observation = 26.5 °C) (Corr. Factor = +0.4 °C) (Final = 26.9 °C)

TYPE OF ICE: Real ☒ Synthetic ☐ No Ice ☒ CONDITION OF ICE: Frozen ☐ Partially Frozen ☐ Thawed ☒ N/A ☒

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

FedEx

TRK# **7324 9819 8761**
0221

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:	PRINT NAME: <u>Chris Gelfand</u>	COMPANY/TITLE: <u>Eurofins Eaton Analytical</u>	DATE: <u>7-31-17</u>	TIME: <u>1610</u>
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Fax: (866) 988-3757
1 800 566 LABS (1 800 566 5227)

Laboratory Comments**Report:** 675969**Project:** CRANE-EDCONF**Group:** Crane Middle School Confirmation

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

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Fax: (866) 988-3757
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Laboratory Hits

Report: 675969
Project: CRANE-EDCONF
Group: Crane Middle School Confirmation

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

Samples Received on:
07/31/2017 1010

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
	201707310436	<u>9 Screening</u>				
08/01/2017 17:49	Lead Total ICAP/MS		1.8	15	ug/L	0.5
	201707310438	<u>13 Screening</u>				
08/01/2017 17:51	Lead Total ICAP/MS		3.7	15	ug/L	0.5
	201707310440	<u>21 Screening</u>				
08/01/2017 17:53	Lead Total ICAP/MS		0.56	15	ug/L	0.5
	201707310441	<u>22 Screening</u>				
08/01/2017 17:54	Lead Total ICAP/MS		1.2	15	ug/L	0.5
	201707310443	<u>26 Screening</u>				
08/01/2017 17:58	Lead Total ICAP/MS		3.3	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

Tel: (626) 386-1100
Fax: (866) 988-3757
1 800 566 LABS (1 800 566 5227)

Laboratory Data

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Samples Received on:
07/31/2017 1010

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
9 Screening (201707310436)						Sampled on 07/28/2017 0612			
Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Hallway Next to Janitor Room									
EPA 200.8 - ICPMS Metals									
08/01/17	08/01/17 17:49	1014908	1015267	(EPA 200.8)	Lead Total ICAP/MS	1.8	ug/L	0.5	1
11 Screening (201707310437)						Sampled on 07/28/2017 0618			
Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Entrance Hallway South									
EPA 200.8 - ICPMS Metals									
08/01/17	08/01/17 17:50	1014908	1015267	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
13 Screening (201707310438)						Sampled on 07/28/2017 0610			
Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Hallway Cafeteria									
EPA 200.8 - ICPMS Metals									
08/01/17	08/01/17 17:51	1014908	1015267	(EPA 200.8)	Lead Total ICAP/MS	3.7	ug/L	0.5	1
20 Screening (201707310439)						Sampled on 07/28/2017 0625			
Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Main Hallway									
EPA 200.8 - ICPMS Metals									
08/01/17	08/01/17 17:52	1014908	1015267	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
21 Screening (201707310440)						Sampled on 07/28/2017 0615			
Sample Type: Hallway West Cafeteria Fountain Facility ID: Crani School District 13 Sample Point ID: Hallway West Cafeteria									
EPA 200.8 - ICPMS Metals									
08/01/17	08/01/17 17:53	1014908	1015267	(EPA 200.8)	Lead Total ICAP/MS	0.56	ug/L	0.5	1
22 Screening (201707310441)						Sampled on 07/28/2017 0642			
Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Outside Quad Area									
EPA 200.8 - ICPMS Metals									
08/01/17	08/01/17 17:54	1014908	1015267	(EPA 200.8)	Lead Total ICAP/MS	1.2	ug/L	0.5	1
24 Screening (201707310442)						Sampled on 07/28/2017 0620			
Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Hallway Gym									
EPA 200.8 - ICPMS Metals									
08/01/17	08/01/17 17:57	1014908	1015267	(EPA 200.8)	Lead Total ICAP/MS	ND	ug/L	0.5	1
26 Screening (201707310443)						Sampled on 07/28/2017 0630			

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

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

Laboratory Data

Report: 675969
Project: CRANE-EDCONF
Group: Crane Middle School Confirmation

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

Samples Received on:
 07/31/2017 1010

Prepped	Analyzed	Prep Batch	Analytical Batch	Method	Analyte	Result	Units	MRL	Dilution
Sample Type: Drinking Fountaun Facility ID: Crani School District 13 Sample Point ID: Nurse's Office EPA 200.8 - ICPMS Metals									
08/01/17	08/01/17 17:58	1014908	1015267	(EPA 200.8)	Lead Total ICAP/MS	3.3	ug/L	0.5	1

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Laboratory QC Summary

Report: 675969
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Arizona Department of Environmental Quality

ICPMS Metals

Prep Batch: 1014908 Analytical Batch: 1015267

201707310436	9 Screening
201707310437	11 Screening
201707310438	13 Screening
201707310439	20 Screening
201707310440	21 Screening
201707310441	22 Screening
201707310442	24 Screening
201707310443	26 Screening

Analysis Date: 08/01/2017

Analyzed by: RPD
Analyzed by: RPD
Analyzed by: RPD
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QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
ICPMS Metals by EPA 200.8									
Analytical Batch: 1015267					Analysis Date: 08/01/2017				
LCS1	Lead Total ICAP/MS		20	20.6	ug/L	103	(85-115)		
LCS2	Lead Total ICAP/MS		20	20.4	ug/L	102	(85-115)	20	0.98
MBLK	Lead Total ICAP/MS			<0.25	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.537	ug/L	107	(50-150)		
MS_201707310231	Lead Total ICAP/MS	ND	20	21.3	ug/L	107	(70-130)		
MS2_201708010317	Lead Total ICAP/MS	2.1	20	23.8	ug/L	109	(70-130)		
MSD_201707310231	Lead Total ICAP/MS	ND	20	21.3	ug/L	107	(70-130)	20	0.0
MSD2_201708010317	Lead Total ICAP/MS	2.1	20	23.2	ug/L	105	(70-130)	20	2.5

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.