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Automated Report

Technical Report for

Arizona Dept. of Environmental Quality

School District, Lead in Drinking Water Testing

Auxier Elementary/Chandler Unified District

SGS Accutest Job Number: LA32263

Sampling Date: 04/04/17

Report to:

Arizona Dept. of Environmental Quality
1110 West Washington Street
Phoenix, AZ 85007
db2@azdeq.gov; vs3@azdeq.gov;
diaz.stephanie@azdeq.gov; margallo.emildavid@azdeq.gov
ATTN: David Burchard

Total number of pages in report: **18**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Ron Benjamin
Lab Director

Client Service contact: Anita Patel 337-237-4775

Certifications: LDEQ(2048), LDHH(LA150012), AR(14-045-04), AZ(AZ0805), FL(E87657), IL(200082), KY(#31), NC(487), SC(73004001), NJ(LA007), TX(T104704186-15-7), WV(257)

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Friday, April 21, 2017

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

ATTN: David Burchard

RE: SGS Accutest Job LA32263 Reissue

Dear Mr. Burchard:

The final report for SGS Accutest job number LA32263 has been revised to correct the School District to Chandler Unified District as per Stephanie Diaz's instruction.

Please feel free to contact me if I can be of further assistance.

Sincerely,

Anita Patel

Anita Patel
Project Manager

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SGS Accutest

Sample Summary

Arizona Dept. of Environmental Quality

Job No: LA32263

School District, Lead in Drinking Water Testing
Project No: Auxier Elementary/Chandler Unified District

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
LA32263-1	04/04/17	03:28	KS	04/08/17	DW	Drinking Water	1001

Summary of Hits

Job Number: LA32263
Account: Arizona Dept. of Environmental Quality
Project: School District, Lead in Drinking Water Testing
Collected: 04/04/17

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
LA32263-1	**1001**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	1001		
Lab Sample ID:	LA32263-1	**Date Sampled:**	04/04/17
Matrix:	DW - Drinking Water	**Date Received:**	04/08/17
		Percent Solids:	n/a
Project:	School District, Lead in Drinking Water Testing		

Total Metals Analysis

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	ND	15	1.0	ug/l	1	04/11/17	04/12/17 RT	EPA 200.8 [1]	EPA 200.8 [2]

(1) Instrument QC Batch: MA7261
(2) Prep QC Batch: MP7444

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 141)

ND = Not detected

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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

LA 32263

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	Mesa Unified District
	Auxier Elementary
Building (name/number)	MAIN BLDG - ADMIN
Type of Fixture (tap, drinking fountain etc.)	DRINKING FOUNTAIN
Location of Fixture (example, room number)	MAIN HALL - ADMIN
Sample Identification Number (**Write this number on the sample container and on this sheet**)	1001
Date of Collection	4/4/17
Time of Collection	3:28
Printed Name of Sample Collector	KIRBY STUT
Signature Sample Collector	K Stut

Notes Sample collector:

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

For relinquishing samples upon delivery to labs only

Relinquished date and signature 4/7/17

4/7/17 0800 Fed-Ex 4/7/17 1700

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

04/08/17 0840

04/08/17 0940

(S on cooler. 5.12 DU4/8)

(PWD)

http://www.azdeq.gov/LeadScreeningProg

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LA32263: Chain of Custody

Page 1 of 4

District	School	Building No	Building Desc	Building Use	Year Built	Number of Bottles Per Building
Chandler Unified District	Auxier Elementary	1001	Main Building	Classrooms, admin.	2015	1
Address:					Number of Bottles Per Kit:	1

LA3263: Chain of Custody

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SGS Accutest Sample Receipt Summary

Job Number: LA32263 **Client:** ADEQ **Project:** AUXIER ELEMENTARY

Date / Time Received: 4/8/2017 9:40:00 AM **Delivery Method:** FedEx **Airbill #'s:** 778854989199

Cooler Temps (Initial/Adjusted): #1: (21.2/21.2);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Thermometer ID:	;		
3. Cooler media:	No Ice		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

4.1

4

LA32263: Chain of Custody

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Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: LA32263
Account: ADEQAZP - Arizona Dept. of Environmental Quality
Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7444
Matrix Type: DRINKING WATER

Methods: EPA 200.8
Units: mg/l

Prep Date: 04/11/17

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.040	.048	.026		
Antimony	0.010	.0016	.0016		
Barium	0.010	.00015	.00064		
Beryllium	0.0010	.00003	.00013		
Boron	0.040	.0023	.005		
Calcium	0.40	.027	.057		
Lithium	0.0040	.0001	.00021		
Lead	0.0010	.000045	.00026	-0.00045	<0.0010
Molybdenum	0.0040	.0003	.00087		
Potassium	0.20	.034	.018		
Uranium	0.0020		.00016		

Associated samples MP7444: LA32263-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: LA32263
Account: ADEQAZP - Arizona Dept. of Environmental Quality
Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7444
Matrix Type: DRINKING WATER

Methods: EPA 200.8
Units: mg/l

Prep Date: 04/11/17

Metal	LA32255-1 Original	MS	Spikelot MPICPMS5	% Rec	QC Limits
Aluminum					
Antimony					
Barium					
Beryllium					
Boron					
Calcium					
Lithium					
Lead	0.0	0.18	0.20	90.0	70-130
Molybdenum					
Potassium					
Uranium					

Associated samples MP7444: LA32263-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: LA32263
Account: ADEQAZP - Arizona Dept. of Environmental Quality
Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7444 Methods: EPA 200.8
Matrix Type: DRINKING WATER Units: mg/l

Prep Date: 04/11/17

Metal	LA32255-1 Original	MSD	Spikelot MPICPMS5	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Barium						
Beryllium						
Boron						
Calcium						
Lithium						
Lead	0.0	0.18	0.20	90.0	0.0	20
Molybdenum						
Potassium						
Uranium						

Associated samples MP7444: LA32263-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: LA32263
Account: ADEQAZP - Arizona Dept. of Environmental Quality
Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7444
Matrix Type: DRINKING WATER

Methods: EPA 200.8
Units: mg/l

Prep Date: 04/11/17

Metal	BSP Result	Spikelot MPICPMS5	% Rec	QC Limits
Aluminum				
Antimony				
Barium				
Beryllium				
Boron				
Calcium				
Lithium				
Lead	0.19	0.20	95.0	85-115
Molybdenum				
Potassium				
Uranium				

Associated samples MP7444: LA32263-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: LA32263
Account: ADEQAZP - Arizona Dept. of Environmental Quality
Project: School District, Lead in Drinking Water Testing

QC Batch ID: MP7444
Matrix Type: DRINKING WATER

Methods: EPA 200.8
Units: ug/l

Prep Date: 04/11/17

Metal	LA32255-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Barium				
Beryllium				
Boron				
Calcium				
Lithium				
Lead	0.00	0.00	NC	0-10
Molybdenum				
Potassium				
Uranium				

Associated samples MP7444: LA32263-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested