



4401 S. Tucson Estates Parkway
Tucson, Arizona 85735
520.791.2544 Phone
520.791.5260 Fax

26 April 2017

Water Quality Compliance 5415B-1
Arizona Department of Environmental Quality
1110 West Washington Street
Tucson, AZ 85735
RE: Public School Lead Screening Program

Enclosed are the results for Work Order L170447, received by the laboratory on 03/28/2017 15:13. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Michael E. Dew
Lab Manager

Tucson Water Quality Lab
4401 S. Tucson Estates Pkwy.
Tucson, AZ 85735
(520) 837-2455

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

Project: Public School Lead Screening Program
Project Number: P01210
Project Manager: Water Quality Compliance 5415B-1

Reported:
04/26/2017 12:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Main Locker Room	L170447-01	Aqueous	03/21/2017 07:33	03/28/2017 15:13
Activity Center	L170447-02	Aqueous	03/21/2017 08:32	03/28/2017 15:13
FR_26 Storage Area, Freezer 117	L170447-03	Aqueous	03/21/2017 07:20	03/28/2017 15:13
FR_24 Storage Area, Room 119	L170447-04	Aqueous	03/21/2017 07:23	03/28/2017 15:13
Main	L170447-05	Aqueous	03/21/2017 11:50	03/28/2017 15:13
Main Cafeteria	L170447-06	Aqueous	03/21/2017 12:00	03/28/2017 15:13
West Classroom 11	L170447-07	Aqueous	03/21/2017 12:07	03/28/2017 15:13
West Classroom 9	L170447-08	Aqueous	03/21/2017 12:11	03/28/2017 15:13
Activity Center	L170447-09	Aqueous	03/21/2017 12:18	03/28/2017 15:13
FR_33 Janitors, Rm 78A	L170447-10	Aqueous	03/21/2017 09:43	03/28/2017 15:13
FR_55 Women's Restroom, Rm 53	L170447-11	Aqueous	03/21/2017 09:46	03/28/2017 15:13

Tucson Water Quality Laboratory



Michael E. Dew, Lab Manager

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(520) 837-2455

Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007	Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1	Reported: 04/26/2017 12:50
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Main Locker Room
L170447-01 (Aqueous)

Sampled:
03/21/2017 7:33

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Tucson Water Quality Laboratory

Total Metals by ICPMS

LEAD	ND	0.00100	mg/L	1	BD72107	04/21/2017	04/21/2017	EPA 200.8
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 Phoenix AZ, 85007

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 Project Number: P01210
 Project Manager: Water Quality Compliance 5415B-1

Reported:
 04/26/2017 12:50

Activity Center
L170447-02 (Aqueous)

Sampled:
 03/21/2017 8:32

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Tucson Water Quality Laboratory

Total Metals by ICPMS

LEAD	ND	0.00100	mg/L	1	BD72107	04/21/2017	04/21/2017	EPA 200.8
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Reported:
04/26/2017 12:50

FR_26 Storage Area, Freezer 117
L170447-03 (Aqueous)

Sampled:
03/21/2017 7:20

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Tucson Water Quality Laboratory

Total Metals by ICPMS

LEAD	0.00591	0.00100	mg/L	1	BD72107	04/21/2017	04/21/2017	EPA 200.8
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Reported:
 04/26/2017 12:50

FR_24 Storage Area, Room 119
L170447-04 (Aqueous)

Sampled:
 03/21/2017 7:23

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Tucson Water Quality Laboratory

Total Metals by ICPMS

LEAD	0.00284	0.00100	mg/L	1	BD72107	04/21/2017	04/21/2017	EPA 200.8
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Main
L170447-05 (Aqueous)

Sampled:
 03/21/2017 11:50

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Tucson Water Quality Laboratory

Total Metals by ICPMS

LEAD	ND	0.00100	mg/L	1	BD72107	04/21/2017	04/21/2017	EPA 200.8
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Main Cafeteria
L170447-06 (Aqueous)

Sampled:
 03/21/2017 12:00

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Tucson Water Quality Laboratory

Total Metals by ICPMS

LEAD	ND	0.00100	mg/L	1	BD72107	04/21/2017	04/21/2017	EPA 200.8
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Reported:
 04/26/2017 12:50

West Classroom 11
L170447-07 (Aqueous)

Sampled:
 03/21/2017 12:07

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Tucson Water Quality Laboratory

Total Metals by ICPMS

LEAD	0.00102	0.00100	mg/L	1	BD72107	04/21/2017	04/21/2017	EPA 200.8
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Reported:
 04/26/2017 12:50

West Classroom 9
L170447-08 (Aqueous)

Sampled:
 03/21/2017 12:11

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

Tucson Water Quality Laboratory

Total Metals by ICPMS

LEAD	ND	0.00100	mg/L	1	BD72107	04/21/2017	04/21/2017	EPA 200.8
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Reported:
 04/26/2017 12:50

Activity Center
L170447-09 (Aqueous)

Sampled:
 03/21/2017 12:18

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Tucson Water Quality Laboratory

Total Metals by ICPMS

LEAD	ND	0.00100	mg/L	1	BD72107	04/21/2017	04/21/2017	EPA 200.8
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Reported:
 04/26/2017 12:50

FR_33 Janitors, Rm 78A
L170447-10 (Aqueous)

Sampled:
 03/21/2017 9:43

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Tucson Water Quality Laboratory

Total Metals by ICPMS

LEAD	ND	0.00100	mg/L	1	BD72107	04/21/2017	04/21/2017	EPA 200.8
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Reported:
 04/26/2017 12:50

FR_55 Women's Restroom, Rm 53
L170447-11 (Aqueous)

Sampled:
 03/21/2017 9:46

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					

Tucson Water Quality Laboratory

Total Metals by ICPMS

LEAD	ND	0.00100	mg/L	1	BD72107	04/21/2017	04/21/2017	EPA 200.8
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Reported:
 04/26/2017 12:50

Total Metals by ICPMS - Quality Control

Tucson Water Quality Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike (BD72107-MS1)		Source: L170458-01		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.0103	0.00101	mg/L	0.0101	0.000444	97.1	70-130			
Matrix Spike (BD72107-MS2)		Source: L170458-11		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00972	0.00101	mg/L	0.0101	ND	96.3	70-130			
Matrix Spike (BD72107-MS3)		Source: L170462-05		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00969	0.00101	mg/L	0.0101	0.000110	94.9	70-130			
Matrix Spike (BD72107-MS4)		Source: L170447-03		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.0154	0.00101	mg/L	0.0101	0.00591	94.4	70-130			
Matrix Spike (BD72107-MS5)		Source: L170461-02		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00983	0.00101	mg/L	0.0101	6.30E-5	96.7	70-130			

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Reported:
04/26/2017 12:50

Total Metals by ICPMS - Quality Control

Tucson Water Quality Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike (BD72107-MS6)		Source: L170461-12		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00990	0.00101	mg/L	0.0101	2.10E-5	97.8	70-130			
Matrix Spike (BD72107-MS7)		Source: L170454-09		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00979	0.00101	mg/L	0.0101	2.50E-5	96.7	70-130			
Matrix Spike (BD72107-MS8)		Source: L170454-19		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00999	0.00101	mg/L	0.0101	6.80E-5	98.3	70-130			
Matrix Spike Dup (BD72107-MSD1)		Source: L170458-01		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.0103	0.00101	mg/L	0.0101	0.000444	97.5	70-130	0.374	10	
Matrix Spike Dup (BD72107-MSD2)		Source: L170458-11		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00968	0.00101	mg/L	0.0101	ND	95.8	70-130	0.448	10	

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Reported:
 04/26/2017 12:50

Total Metals by ICPMS - Quality Control

Tucson Water Quality Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (BD72107-MSD3)		Source: L170462-05		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00968	0.00101	mg/L	0.0101	0.000110	94.8	70-130	0.125	10	
Matrix Spike Dup (BD72107-MSD4)		Source: L170447-03		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.0158	0.00101	mg/L	0.0101	0.00591	98.2	70-130	2.42	10	
Matrix Spike Dup (BD72107-MSD5)		Source: L170461-02		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00961	0.00101	mg/L	0.0101	6.30E-5	94.5	70-130	2.31	10	
Matrix Spike Dup (BD72107-MSD6)		Source: L170461-12		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00990	0.00101	mg/L	0.0101	2.10E-5	97.8	70-130	0.0408	10	
Matrix Spike Dup (BD72107-MSD7)		Source: L170454-09		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00981	0.00101	mg/L	0.0101	2.50E-5	96.9	70-130	0.196	10	
Matrix Spike Dup (BD72107-MSD8)		Source: L170454-19		Prepared & Analyzed: 04/21/2017						
Batch BD72107 - EPA 200.7/200.8										
LEAD	0.00995	0.00101	mg/L	0.0101	6.80E-5	97.8	70-130	0.436	10	

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Reported:
04/26/2017 12:50

Certified Analyses included in this Report

Analyte	Certifications
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Code	Description	Number	Expires
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Reported:
04/26/2017 12:50

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
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Page 1 of 1

24.0°C