Pasadena Unified School District

Marshall Fundamental

2017 Drinking Water Lead Testing Records

This packet brings together the available original laboratory reports and supporting sampling records for this site. See the dated source documents for sample locations, results, reporting limits, and any follow-up testing.

Documents included

Marshall Fundamental Lead Results | pages 2-15

Marshall Fundamental | page 16

Sampling location photographs | pages 17-18

Site map | page 19

Select a document above to jump to it. Original reports are reproduced in full; Word and Excel supporting records have been converted to PDF.

Historical records only. These documents describe the samples and conditions recorded in 2017, not every outlet or current water conditions. Separate 2023 preschool testing is not included.

WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

Work Orders:	7F29047	**Report Date:**	7/14/2017
		Received Date:	6/29/2017
Project:	Lead Testing	**Turnaround Time:**	Normal
		Phones:	(626) 744-3704
		Fax:	-
Attn:	Mercedes Acevedo	**P.O. #:**	1171742-00
Client:	Pasadena Water & Power 245 West Mountain Pasadena, CA 91101	**Billing Code:**	

DoD-ELAP #L2457 ● ELAP-CA #1132 ● EPA-UCMR #CA00211 ● Guam-EPA #17-008R ● HW-DOH # ● ISO 17025 #L2457.01 ● LACSD #10143 ● NELAP-OR #4047 ● NJ-DEP #CA015 ● NV-DEP #NAC 445A ● SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Mercedes Acevedo,

Enclosed are the results of analyses for samples received 6/29/17 with the Chain-of-Custody document. The samples were received in good condition, at 23.9 °C. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:

Chris Samatmanakit
Project Manager

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Pasadena Water & Power
245 West Mountain
Pasadena, CA 91101

Project Number: Lead Testing

Project Manager: Mercedes Acevedo

Reported:
07/14/2017 16:56

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
1910124-AAF-A/MF-1-A, Alias: 1706467, RegID: 1910124-AAF-A	Myriam Cardenas	7F29047-01	Water	06/27/17 06:52	
1910124-AAF-AX/MF-1-B, Alias: 1706468	Myriam Cardenas	7F29047-02	Water	06/27/17 06:52	
1910124-AAF-B/MF-2-A, Alias: 1706469, RegID: 1910124-AAF-B	Myriam Cardenas	7F29047-03	Water	06/27/17 06:58	
1910124-AAF-BX/MF-2-B, Alias: 1706470	Myriam Cardenas	7F29047-04	Water	06/27/17 06:58	
1910124-AAF-C/MF-3-A, Alias: 1706471, RegID: 1910124-AAF-C	Myriam Cardenas	7F29047-05	Water	06/27/17 07:05	
1910124-AAF-CX/MF-3-B, Alias: 1706472	Myriam Cardenas	7F29047-06	Water	06/27/17 07:05	
1910124-AAF-D/MF-4-A, Alias: 1706473, RegID: 1910124-AAF-D	Myriam Cardenas	7F29047-07	Water	06/27/17 07:10	
1910124-AAF-DX/MF-4-B, Alias: 1706474	Myriam Cardenas	7F29047-08	Water	06/27/17 07:10	
1910124-AAF-E/MF-5-A, Alias: 1706475, RegID: 1910124-AAF-E	Myriam Cardenas	7F29047-09	Water	06/27/17 07:14	
1910124-AAF-EX/MF-5-B, Alias: 1706476	Myriam Cardenas	7F29047-10	Water	06/27/17 07:14	

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Reported:
07/14/2017 16:56

Sample Results

Sample: 1910124-AAF-A/MF-1-A, Alias: 1706467, RegID: 1910124-AAF-A
7F29047-01 (Water)

Sampled: 06/27/17 6:52 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7G0625	**Prepared:** 07/12/17 14:28				**Analyst:** APA
Lead, Total	ND	5.0	ug/l	1	07/12/17 15:29	

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07/14/2017 16:56

Sample Results

(Continued)

Sample: 1910124-AAF-AX/MF-1-B, Alias: 1706468
7F29047-02 (Water)

Sampled: 06/27/17 6:52 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7G0625	**Prepared:** 07/12/17 14:28				**Analyst:** APA
Lead, Total	ND	5.0	ug/l	1	07/12/17 15:30	

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Reported:
07/14/2017 16:56

Sample Results

(Continued)

Sample: 1910124-AAF-B/MF-2-A, Alias: 1706469, RegID: 1910124-AAF-B
7F29047-03 (Water)

Sampled: 06/27/17 6:58 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7G0625	**Prepared:** 07/12/17 14:28				**Analyst:** APA
Lead, Total	ND	5.0	ug/l	1	07/12/17 15:32	

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Reported:
07/14/2017 16:56

Sample Results

(Continued)

Sample: 1910124-AAF-BX/MF-2-B, Alias: 1706470
7F29047-04 (Water)

Sampled: 06/27/17 6:58 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7G0625	**Prepared:** 07/12/17 14:28				**Analyst:** APA
Lead, Total	ND	5.0	ug/l	1	07/12/17 15:34	

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Reported:
07/14/2017 16:56

Sample Results

(Continued)

Sample: 1910124-AAF-C/MF-3-A, Alias: 1706471, RegID: 1910124-AAF-C
7F29047-05 (Water)

Sampled: 06/27/17 7:05 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7G0625	**Prepared:** 07/12/17 14:28				**Analyst:** APA
Lead, Total	ND	5.0	ug/l	1	07/12/17 15:36	

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Reported:
07/14/2017 16:56

Sample Results

(Continued)

Sample: 1910124-AAF-CX/MF-3-B, Alias: 1706472
7F29047-06 (Water)

Sampled: 06/27/17 7:05 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7G0625	**Prepared:** 07/12/17 14:28				**Analyst:** APA
Lead, Total	ND	5.0	ug/l	1	07/12/17 15:37	

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Sample Results

(Continued)

Sample: 1910124-AAF-D/MF-4-A, Alias: 1706473, RegID: 1910124-AAF-D
7F29047-07 (Water)

Sampled: 06/27/17 7:10 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7G0625	**Prepared:** 07/12/17 14:28				**Analyst:** APA
Lead, Total	ND	5.0	ug/l	1	07/12/17 15:39	

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Reported:
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Sample Results

(Continued)

Sample: 1910124-AAF-DX/MF-4-B, Alias: 1706474
7F29047-08 (Water)

Sampled: 06/27/17 7:10 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7G0625	**Prepared:** 07/12/17 14:28				**Analyst:** APA
Lead, Total	ND	5.0	ug/l	1	07/12/17 15:41	

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Sample Results

(Continued)

Sample: 1910124-AAF-E/MF-5-A, Alias: 1706475, RegID: 1910124-AAF-E
7F29047-09 (Water)

Sampled: 06/27/17 7:14 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7G0625	**Prepared:** 07/12/17 14:28				**Analyst:** APA
Lead, Total	ND	5.0	ug/l	1	07/12/17 15:42	

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Sample Results

(Continued)

Sample: 1910124-AAF-EX/MF-5-B, Alias: 1706476
7F29047-10 (Water)

Sampled: 06/27/17 7:14 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7G0625	**Prepared:** 07/12/17 14:28				**Analyst:** APA
Lead, Total	ND	5.0	ug/l	1	07/12/17 15:44	

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Quality Control Results

Metals by EPA 200 Series Methods

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W7G0625 - EPA 200.8										
Blank (W7G0625-BLK1)				**Prepared & Analyzed: 07/12/17**						
Lead, Total	ND	5.0	ug/l							
LCS (W7G0625-BS1)				**Prepared & Analyzed: 07/12/17**						
Lead, Total	49.9	5.0	ug/l	50.0		100	85-115			
Matrix Spike (W7G0625-MS1)	**Source: 7F29047-01**			**Prepared & Analyzed: 07/12/17**						
Lead, Total	48.8	5.0	ug/l	50.0	0.420	97	70-130			
Matrix Spike (W7G0625-MS2)	**Source: 7G05082-01**			**Prepared & Analyzed: 07/12/17**						
Lead, Total	50.3	5.0	ug/l	50.0	ND	101	70-130			
Matrix Spike Dup (W7G0625-MSD1)	**Source: 7F29047-01**			**Prepared & Analyzed: 07/12/17**						
Lead, Total	48.9	5.0	ug/l	50.0	0.420	97	70-130	0.1	30	
Matrix Spike Dup (W7G0625-MSD2)	**Source: 7G05082-01**			**Prepared & Analyzed: 07/12/17**						
Lead, Total	49.8	5.0	ug/l	50.0	ND	100	70-130	1	30	

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07/14/2017 16:56

Notes and Definitions

Item	Definition
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.
An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)
All results are expressed on wet weight basis unless otherwise specified.
All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

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Pasadena Unified School District
Lead Sampling Plan

School Site: **Marshall Fundamental**

Address **990 N. Allen Ave., Pasadena 91104**

No.	**Building** (Letter/ Name)	**Floor No.**	**Location Description** (Hallway/Kitchen/Café/ Classroom)	**Proximity to** (Room number or next to)	**Type of faucet** (Drinking Fountain/Sink)	**Photo**
1	CAFETERIA	1ST	KITCHEN	NEXT TO STEAM KETTLE	SINK FAUCET	**SEE ATTACHED PAGE**
2	C-BUILDING	1ST	HALLWAY	BETWEEN MEN AND WOMEN'S FACULTY RESTROOM	DRINKING FAUCET	**SEE ATTACHED PAGE**
3	B-BUILDING	1ST	HALLWAY	OUTSIDE OF RM. 125	DRINKING FAUCET	**SEE ATTACHED PAGE**
4	A-BUILDING	1ST	HALLWAY	NEXT TO RM.101	DRINKING FAUCET	**SEE ATTACHED PAGE**
5	A-BUILDING	1ST	HALLWAY	OUTSIDE OF RM. 215	DRINKING FAUCET	**SEE ATTACHED PAGE**

SCHOOL NAME: MARSHAL HS

SAMPLE #1





SAMPLE#2

SAMPLE# 3



SAMPLE# 4



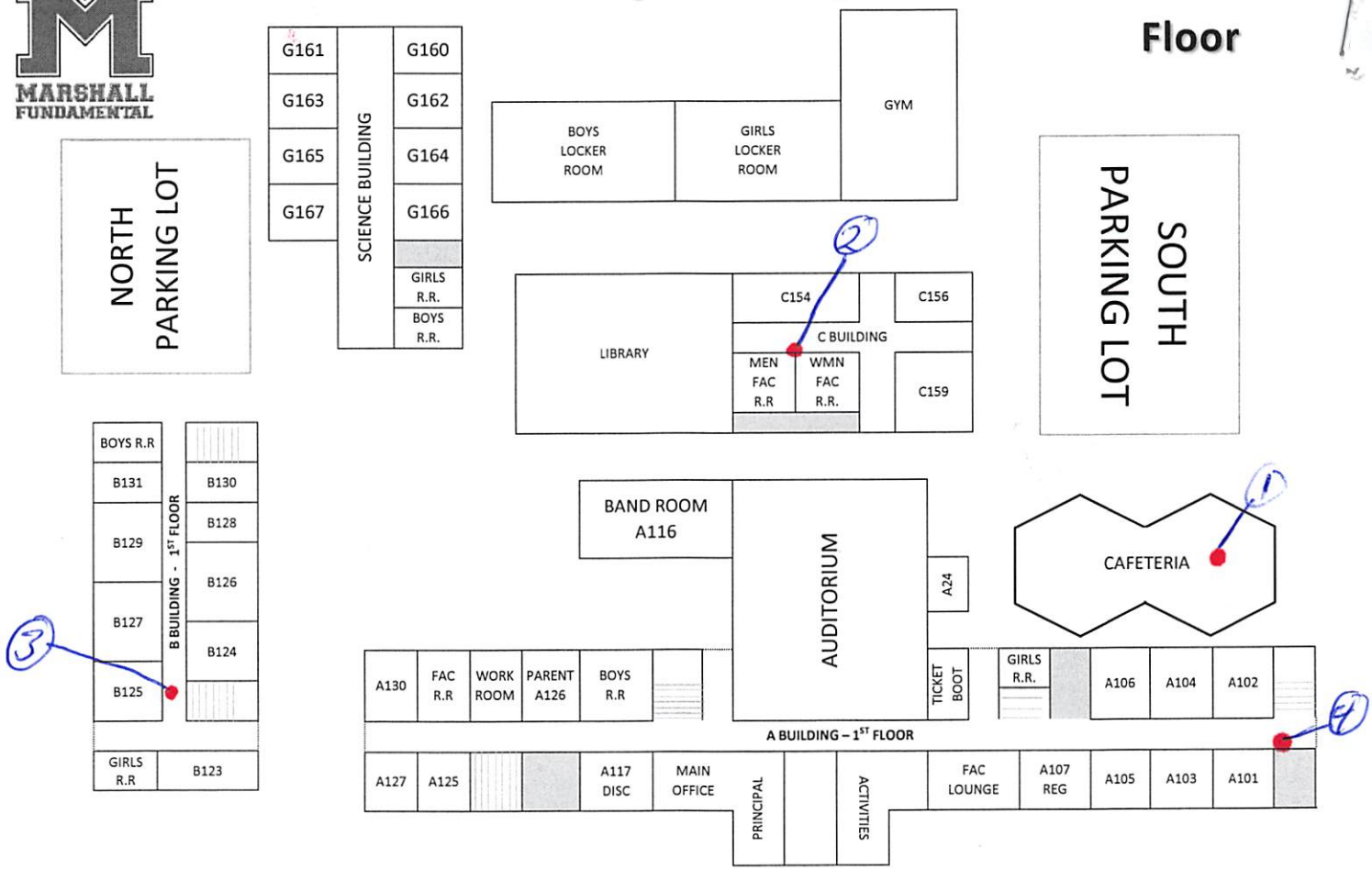
SAMPLE# 5



MARSHALL FUNDAMENTAL

Campus Map

1st Floor



2nd Floor



Basement

