Pasadena Unified School District

Willard Children Center

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

Willard CC Lead Results | pages 2-7

Willard CC | page 8

Sampling location photographs | pages 9-10

Site map | page 11

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: 7K16035

Project: Lead Testing

Attn: Mercedes Acevedo

Client: Pasadena Water & Power
245 West Mountain
Pasadena, CA 91101

Report Date: 11/28/2017
Received Date: 11/16/2017
Turnaround Time: Normal
Phones: (626) 744-7910
Fax: -
P.O. #: 1180024-00
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

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 11/16/17 with the Chain-of-Custody document. The samples were received in good condition, at 22.5 °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:
11/28/2017 13:13

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
1910124-ABB-HX/ WES-7-A, Alias: 1711406	Myriam Cardenas	7K16035-01	Water	11/16/17 06:19	
1910124-ABB-HX/ WES-7-B, Alias: 1711407	Myriam Cardenas	7K16035-02	Water	11/16/17 06:19	
1910124-ABB-IX/ WES-8-A, Alias: 1711408	Myriam Cardenas	7K16035-03	Water	11/16/17 06:22	
1910124-ABB-IX/ WES-8-B, Alias: 1711409	Myriam Cardenas	7K16035-04	Water	11/16/17 06:22	
1910124-ABB-JX/ WES-9-A, Alias: 1711410	Myriam Cardenas	7K16035-05	Water	11/16/17 06:28	
1910124-ABB-JX/ WES-9-B, Alias: 1711411	Myriam Cardenas	7K16035-06	Water	11/16/17 06:28	
1910124-ABB-KX/ WES-10-A, Alias: 1711412	Myriam Cardenas	7K16035-07	Water	11/16/17 06:31	
1910124-ABB-KX/ WES-10-B, Alias: 1711413	Myriam Cardenas	7K16035-08	Water	11/16/17 06:31	

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Sample Results

Sample: 1910124-ABB-HX/ WES-7-A, Alias: 1711406
7K16035-01 (Water)
Sampled: 11/16/17 6:19 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7K1112	**Prepared:** 11/18/17 10:18				**Analyst:** jea
Lead, Total	ND	5.0	ug/l	1	11/18/17 14:31	

Sample: 1910124-ABB-HX/ WES-7-B, Alias: 1711407
7K16035-02 (Water)
Sampled: 11/16/17 6:19 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7K1112	**Prepared:** 11/18/17 10:18				**Analyst:** jea
Lead, Total	ND	5.0	ug/l	1	11/18/17 14:33	

Sample: 1910124-ABB-IX/ WES-8-A, Alias: 1711408
7K16035-03 (Water)
Sampled: 11/16/17 6:22 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7K1112	**Prepared:** 11/18/17 10:18				**Analyst:** jea
Lead, Total	ND	5.0	ug/l	1	11/18/17 14:35	

Sample: 1910124-ABB-IX/ WES-8-B, Alias: 1711409
7K16035-04 (Water)
Sampled: 11/16/17 6:22 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7K1112	**Prepared:** 11/18/17 10:18				**Analyst:** jea
Lead, Total	ND	5.0	ug/l	1	11/18/17 14:36	

Sample: 1910124-ABB-JX/ WES-9-A, Alias: 1711410
7K16035-05 (Water)
Sampled: 11/16/17 6:28 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7K1112	**Prepared:** 11/18/17 10:18				**Analyst:** jea
Lead, Total	ND	5.0	ug/l	1	11/18/17 14:38	

Sample: 1910124-ABB-JX/ WES-9-B, Alias: 1711411
7K16035-06 (Water)
Sampled: 11/16/17 6:28 by Myriam Cardenas

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7K1085	**Prepared:** 11/17/17 15:23				**Analyst:** jea
Lead, Total	ND	5.0	ug/l	1	11/17/17 16:33	

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Project Number: Lead Testing

Project Manager: Mercedes Acevedo

Reported:
11/28/2017 13:13

Sample Results

(Continued)

Sample: 1910124-ABB-KX/ WES-10-A, Alias: 1711412
Sampled: 11/16/17 6:31 by Myriam Cardenas

7K16035-07 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7K1112	**Prepared:** 11/18/17 10:18				**Analyst:** jea
Lead, Total	ND	5.0	ug/l	1	11/18/17 14:43	

Sample: 1910124-ABB-KX/ WES-10-B, Alias: 1711413
Sampled: 11/16/17 6:31 by Myriam Cardenas

7K16035-08 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7K1085	**Prepared:** 11/17/17 15:23				**Analyst:** jea
Lead, Total	ND	5.0	ug/l	1	11/17/17 16:35	

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Reported:
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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: W7K1085 - EPA 200.8										
Blank (W7K1085-BLK1)				**Prepared & Analyzed: 11/17/17**						
Lead, Total	ND	5.0	ug/l							
LCS (W7K1085-BS1)				**Prepared & Analyzed: 11/17/17**						
Lead, Total	46.7	5.0	ug/l	50.0		93	85-115			
Matrix Spike (W7K1085-MS1)	**Source: 7K16033-06**			**Prepared & Analyzed: 11/17/17**						
Lead, Total	46.8	5.0	ug/l	50.0	0.295	93	70-130			
Matrix Spike (W7K1085-MS2)	**Source: 7K16033-07**			**Prepared & Analyzed: 11/17/17**						
Lead, Total	47.1	5.0	ug/l	50.0	ND	94	70-130			
Matrix Spike Dup (W7K1085-MSD1)	**Source: 7K16033-06**			**Prepared & Analyzed: 11/17/17**						
Lead, Total	47.2	5.0	ug/l	50.0	0.295	94	70-130	0.9	30	
Matrix Spike Dup (W7K1085-MSD2)	**Source: 7K16033-07**			**Prepared & Analyzed: 11/17/17**						
Lead, Total	47.3	5.0	ug/l	50.0	ND	95	70-130	0.3	30	
Batch: W7K1112 - EPA 200.8										
Blank (W7K1112-BLK1)				**Prepared & Analyzed: 11/18/17**						
Lead, Total	ND	5.0	ug/l							
LCS (W7K1112-BS1)				**Prepared & Analyzed: 11/18/17**						
Lead, Total	48.6	5.0	ug/l	50.0		97	85-115			
Matrix Spike (W7K1112-MS1)	**Source: 7K16033-02**			**Prepared & Analyzed: 11/18/17**						
Lead, Total	46.9	5.0	ug/l	50.0	0.316	93	70-130			
Matrix Spike (W7K1112-MS2)	**Source: 7K16033-03**			**Prepared & Analyzed: 11/18/17**						
Lead, Total	47.8	5.0	ug/l	50.0	0.522	94	70-130			
Matrix Spike Dup (W7K1112-MSD1)	**Source: 7K16033-02**			**Prepared & Analyzed: 11/18/17**						
Lead, Total	47.5	5.0	ug/l	50.0	0.316	94	70-130	1	30	
Matrix Spike Dup (W7K1112-MSD2)	**Source: 7K16033-03**			**Prepared & Analyzed: 11/18/17**						
Lead, Total	48.2	5.0	ug/l	50.0	0.522	95	70-130	0.9	30	

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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: **Willard CC**

Address **345 S. Halstead Ave., Pasadena**

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	MAIN BUILDING	1ST	KTICHEN	NEXT TO ROOM 1	SINK FAUCET	**SEE ATTACHED PAGE**
2	MAIN BUILDING	1ST	PLAYGROUND	OUTSIDE OF ROOM 1	DRINKING FAUCET	**SEE ATTACHED PAGE**
3	MAIN BUILDING	1ST	PLAYGROUND	BETWEEN WATER HEATER AND TRANSFORMER	DRINKING FAUCET	**SEE ATTACHED PAGE**
4	ROOM 3	1ST	HALLWAY	OUTSIDE OF RESTROOMS	DRINKING FAUCET	**SEE ATTACHED PAGE**
5						**SEE ATTACHED PAGE**

SCHOOL NAME: WILLARD CC

SAMPLE #1



SAMPLE#2



SAMPLE# 3



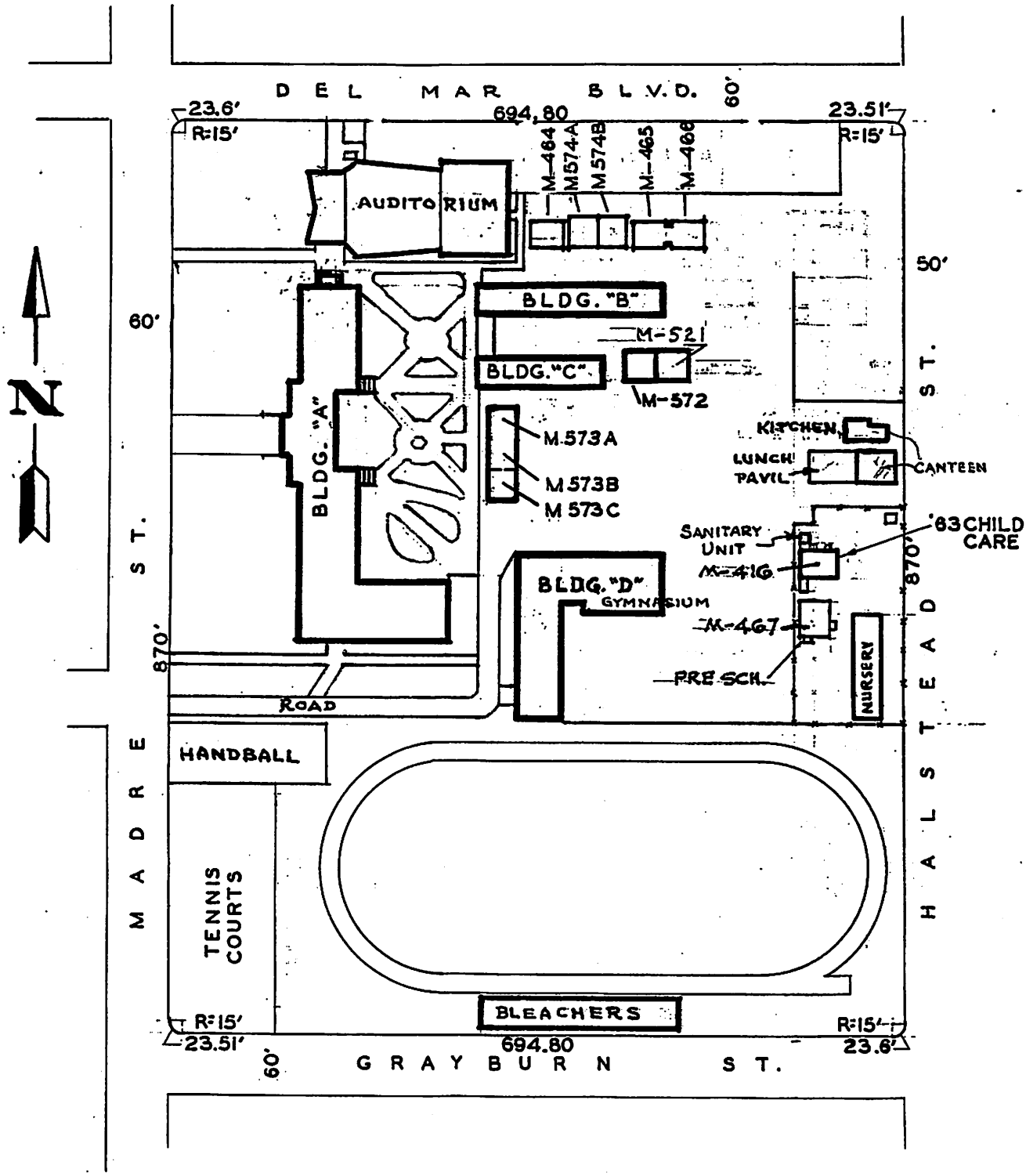
SAMPLE# 4



SAMPLE# 5

N/A

WILSON JR. HIGH
SHEET A-2



1-79	PASADENA UNIFIED SCHOOL DISTRICT
2-76	PASADENA, CALIFORNIA
4-74	PLANNING & CONSTRUCTION SERVICES
9-73	
6-72	WILSON JR. HIGH SCHOOL
8-70	PLOT PLAN
11-69	
7-67	
3-67	
REV. 7-63	DATE 8-28-52 SCALE 1" = 150'