Pasadena Unified School District

McKinley

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

McKinley Elementary Lead Results | pages 2-7

McKinley Elementary School | page 8

Sampling location photographs | pages 9-10

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: 7J20076

Project: Lead Testing

Attn: Mercedes Acevedo

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

Report Date: 11/09/2017
Received Date: 10/20/2017
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 10/20/17 with the Chain-of-Custody document. The samples were received in good condition, at 22.1 °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:
11/09/2017 11:28

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
1910124-ACD-A/ MCES-1-A, Alias: 1710479, RegID: 1910124-ACD-A	Myriam Cardenas	7J20076-01	Water	10/19/17 06:18	
1910124-ACD-AX/ MCES-1-B, Alias: 1710480	Myriam Cardenas	7J20076-02	Water	10/19/17 06:18	
1910124-ACD-B/ MCES-2-A, Alias: 1710481, RegID: 1910124-ACD-B	Myriam Cardenas	7J20076-03	Water	10/19/17 06:23	
1910124-ACD-BX/ MCES-2-B, Alias: 1710482	Myriam Cardenas	7J20076-04	Water	10/19/17 06:23	
1910124-ACD-C/ MCES-3-A, Alias: 1710483, RegID: 1910124-ACD-C	Myriam Cardenas	7J20076-05	Water	10/19/17 06:28	
1910124-ACD-CX/ MCES-3-B, Alias: 1710484	Myriam Cardenas	7J20076-06	Water	10/19/17 06:28	
1910124-ACD-D/ MCES-4-A, Alias: 1710485, RegID: 1910124-ACD-D	Myriam Cardenas	7J20076-07	Water	10/19/17 06:32	
1910124-ACD-DX/ MCES-4-B, Alias: 1710486	Myriam Cardenas	7J20076-08	Water	10/19/17 06:32	
1910124-ACD-E/ MCES-5-A, Alias: 1710487, RegID: 1910124-ACD-E	Myriam Cardenas	7J20076-09	Water	10/19/17 06:37	
1910124-ACD-EX/ MCES-5-B, Alias: 1710488	Myriam Cardenas	7J20076-10	Water	10/19/17 06:37	

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Sample Results

Sample: 1910124-ACD-A/ MCES-1-A, Alias: 1710479, RegID: 1910124-ACD-A — Sampled: 10/19/17 6:18 by Myriam Cardenas

7J20076-01 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7J1361	**Prepared:** 10/24/17 08:11				**Analyst:** JCK
Lead, Total	ND	5.0	ug/l	1	10/24/17 17:18	

Sample: 1910124-ACD-AX/ MCES-1-B, Alias: 1710480 — Sampled: 10/19/17 6:18 by Myriam Cardenas

7J20076-02 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7J1361	**Prepared:** 10/24/17 08:11				**Analyst:** JCK
Lead, Total	ND	5.0	ug/l	1	10/24/17 17:20	

Sample: 1910124-ACD-B/ MCES-2-A, Alias: 1710481, RegID: 1910124-ACD-B — Sampled: 10/19/17 6:23 by Myriam Cardenas

7J20076-03 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7J1361	**Prepared:** 10/24/17 08:11				**Analyst:** JCK
Lead, Total	ND	5.0	ug/l	1	10/24/17 17:22	

Sample: 1910124-ACD-BX/ MCES-2-B, Alias: 1710482 — Sampled: 10/19/17 6:23 by Myriam Cardenas

7J20076-04 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7J1361	**Prepared:** 10/24/17 08:11				**Analyst:** JCK
Lead, Total	ND	5.0	ug/l	1	10/24/17 17:25	

Sample: 1910124-ACD-C/ MCES-3-A, Alias: 1710483, RegID: 1910124-ACD-C — Sampled: 10/19/17 6:28 by Myriam Cardenas

7J20076-05 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7J1361	**Prepared:** 10/24/17 08:11				**Analyst:** JCK
Lead, Total	ND	5.0	ug/l	1	10/24/17 17:27	

Sample: 1910124-ACD-CX/ MCES-3-B, Alias: 1710484 — Sampled: 10/19/17 6:28 by Myriam Cardenas

7J20076-06 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7J1361	**Prepared:** 10/24/17 08:11				**Analyst:** JCK
Lead, Total	ND	5.0	ug/l	1	10/24/17 17:29	

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Reported:
11/09/2017 11:28

Sample Results

(Continued)

Sample: 1910124-ACD-D/ MCES-4-A, Alias: 1710485, RegID: 1910124-ACD-D
Sampled: 10/19/17 6:32 by Myriam Cardenas

7J20076-07 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7J1361	**Prepared:** 10/24/17 08:11				**Analyst:** JCK
Lead, Total	ND	5.0	ug/l	1	10/24/17 17:31	

Sample: 1910124-ACD-DX/ MCES-4-B, Alias: 1710486
Sampled: 10/19/17 6:32 by Myriam Cardenas

7J20076-08 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7J1361	**Prepared:** 10/24/17 08:11				**Analyst:** JCK
Lead, Total	ND	5.0	ug/l	1	10/24/17 17:33	

Sample: 1910124-ACD-E/ MCES-5-A, Alias: 1710487, RegID: 1910124-ACD-E
Sampled: 10/19/17 6:37 by Myriam Cardenas

7J20076-09 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7J1361	**Prepared:** 10/24/17 08:11				**Analyst:** JCK
Lead, Total	ND	5.0	ug/l	1	10/24/17 17:35	

Sample: 1910124-ACD-EX/ MCES-5-B, Alias: 1710488
Sampled: 10/19/17 6:37 by Myriam Cardenas

7J20076-10 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8	**Batch ID:** W7J1361	**Prepared:** 10/24/17 08:11				**Analyst:** JCK
Lead, Total	ND	5.0	ug/l	1	10/24/17 17:37	

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11/09/2017 11:28

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: W7J1361 - EPA 200.8										
Blank (W7J1361-BLK1)				**Prepared & Analyzed: 10/24/17**						
Lead, Total	ND	5.0	ug/l							
LCS (W7J1361-BS1)				**Prepared & Analyzed: 10/24/17**						
Lead, Total	49.3	5.0	ug/l	50.0		99	85-115			
Matrix Spike (W7J1361-MS1)	**Source: 7J20074-01**			**Prepared & Analyzed: 10/24/17**						
Lead, Total	47.7	5.0	ug/l	50.0	0.123	95	70-130			
Matrix Spike (W7J1361-MS2)	**Source: 7J20074-02**			**Prepared & Analyzed: 10/24/17**						
Lead, Total	47.6	5.0	ug/l	50.0	0.0810	95	70-130			
Matrix Spike Dup (W7J1361-MSD1)	**Source: 7J20074-01**			**Prepared & Analyzed: 10/24/17**						
Lead, Total	48.1	5.0	ug/l	50.0	0.123	96	70-130	0.7	30	
Matrix Spike Dup (W7J1361-MSD2)	**Source: 7J20074-02**			**Prepared & Analyzed: 10/24/17**						
Lead, Total	49.8	5.0	ug/l	50.0	0.0810	99	70-130	5	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: **McKinley Elementary School**

Address **325 S. Oak Knoll 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	KITCHEN	1ST	KITCHEN	NEXT TO OVENS	SINK FAUCET	**SEE ATTACHED PAGE**
2	OUTSIDE	1ST	LUNCH AREA	NEXT TO PORGOLA-LUNCH AREA	DRINKING FOUNTAIN	**SEE ATTACHED PAGE**
3	C-BUILDING	1st	HALLWAY	BETWEEN ROOM CC-120 +C-122	DRINKING FOUNTAIN	**SEE ATTACHED PAGE**
4	A-BUILDING	1st	HALLWAY	OUTSIDE ROOM 108	DRINKING FOUNTAIN	**SEE ATTACHED PAGE**
5	OUTSIDE	1st	PLAYGROUND	OUTSIDE ROOM B-4	DRINKING FOUNTAIN	**SEE ATTACHED PAGE**

SCHOOL NAME: MCKINLEY

SAMPLE #1



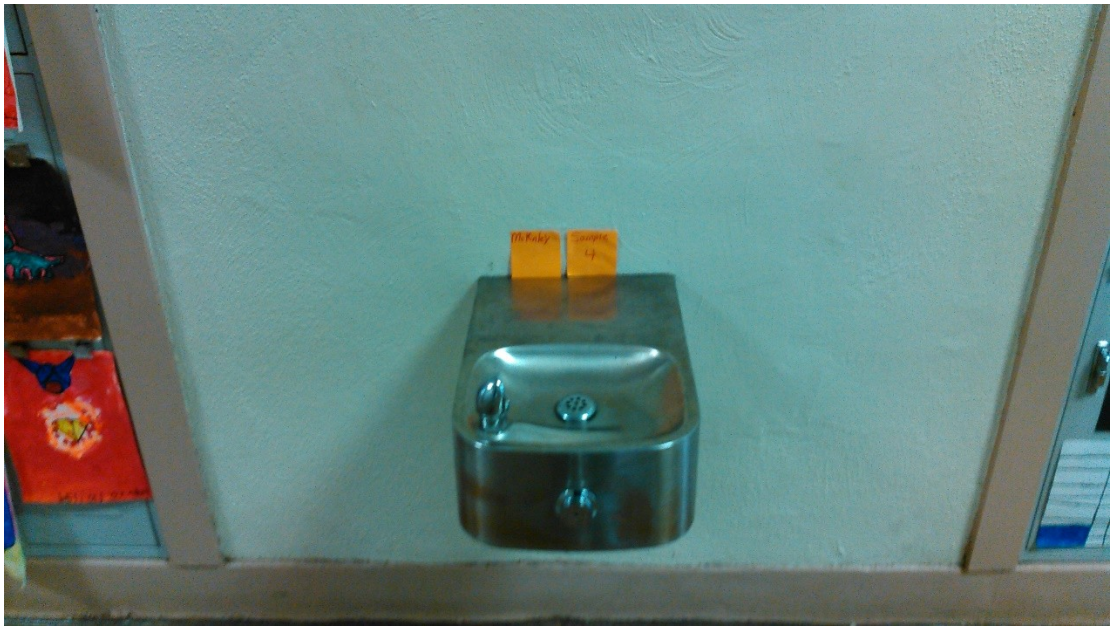


SAMPLE#2

SAMPLE# 3



SAMPLE# 4



SAMPLE# 5

