WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

Work Orders: 8C26095

Project: Bursch Elementary School 2505 W. 156th St. Compton

Attn: Adam Ly

Client: Liberty Utilities
9750 Washburn Road
Downey, CA 90241

Report Date: 4/09/2018
Received Date: 3/26/2018
Turnaround Time: Normal
Phones: 562-299-5156
Fax: (562) 861-5902
P.O. #:
Billing Code:

DoD-ELAP #L2457 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • ISO 17025 #L2457.01 • LACSD #10143 • 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 Adam Ly,

Enclosed are the results of analyses for samples received 3/26/18 with the Chain-of-Custody document. The samples were received in good condition, at 12.3 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:

Valerie Rejuso
Project Manager

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Project Number: Bursch Elementary School 2505 W. 156th St. Compton

Project Manager: Adam Ly

Reported:
04/09/2018 15:43

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
1910021-AAD-A	Mendoza	8C26095-01	Water	03/26/18 06:05	
1910021-AAD-B	Mendoza	8C26095-02	Water	03/26/18 06:15	
1910021-AAD-C	Mendoza	8C26095-03	Water	03/26/18 06:20	

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Sample Results

Sample: 1910021-AAD-A
8C26095-01 (Water)

Sampled: 03/26/18 6:05 by Mendoza

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8 **Batch ID:** W8D0333 **Instr:** ICPMS04 **Prepared:** 04/05/18 14:16 **Analyst:** rrl						
Lead, Total	**1.2**	0.20	ug/l	1	04/06/18 11:08	

Sample: 1910021-AAD-B
8C26095-02 (Water)

Sampled: 03/26/18 6:15 by Mendoza

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8 **Batch ID:** W8D0333 **Instr:** ICPMS04 **Prepared:** 04/05/18 14:16 **Analyst:** rrl						
Lead, Total	ND	0.20	ug/l	1	04/06/18 11:32	

Sample: 1910021-AAD-C
8C26095-03 (Water)

Sampled: 03/26/18 6:20 by Mendoza

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods						
Method: EPA 200.8 **Batch ID:** W8D0333 **Instr:** ICPMS04 **Prepared:** 04/05/18 14:16 **Analyst:** rrl						
Lead, Total	**0.45**	0.20	ug/l	1	04/06/18 12:04	

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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: W8D0333 - EPA 200.8										
Blank (W8D0333-BLK1)				**Prepared: 04/05/18 Analyzed: 04/06/18**						
Lead, Total	ND	0.20	ug/l							
LCS (W8D0333-BS1)				**Prepared: 04/05/18 Analyzed: 04/06/18**						
Lead, Total	50.0	0.20	ug/l	50.0		100	85-115			
Matrix Spike (W8D0333-MS1)	**Source: 8C21036-01**			**Prepared: 04/05/18 Analyzed: 04/06/18**						
Lead, Total	49.4	0.20	ug/l	50.0	0.138	99	70-130			
Matrix Spike (W8D0333-MS2)	**Source: 8C21036-02**			**Prepared: 04/05/18 Analyzed: 04/06/18**						
Lead, Total	49.5	0.20	ug/l	50.0	0.396	98	70-130			
Matrix Spike Dup (W8D0333-MSD1)	**Source: 8C21036-01**			**Prepared: 04/05/18 Analyzed: 04/06/18**						
Lead, Total	49.6	0.20	ug/l	50.0	0.138	99	70-130	0.3	30	
Matrix Spike Dup (W8D0333-MSD2)	**Source: 8C21036-02**			**Prepared: 04/05/18 Analyzed: 04/06/18**						
Lead, Total	49.1	0.20	ug/l	50.0	0.396	97	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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