

**Work Orders:** 8K23006

**Project:** CIMP001

**Attn:** LACFCD

**Client:** Los Angeles County Dept. of Public Works  
900 South Freemont Avenue  
Alhambra, CA 91803

**Report Date:** 12/24/2018

**Received Date:** 11/23/2018

**Turnaround Time:** Normal

**Phones:** (626) 300-3374

**Fax:** (626) 300-3365

**P.O. #:**

**Billing Code:**

Dear LACFCD :

Enclosed are the results of analyses for samples received 11/23/2018 with the Chain-of-Custody document. The samples were received in good condition, at 10.3 °C and on ice. All analysis met the method criteria except as noted in the case narrative or in the report with data qualifiers.

## Sample Results

Sample: CIMP000000860, Alias: CUA-PVD-01  
8K23006-01 (Water)

Sampled: 11/22/18 3:21 by J Luis Escajeda

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Method:</b> EPA 200.7 <b>Batch ID:</b> W8K1335 <b>Instr:</b> ICP03 <b>Prepared:</b> 11/27/18 11:59 <b>Analyst:</b> JCK							
Calcium, Total	17.1	0.0160	0.100	mg/l	1	11/28/18 14:49	
Magnesium, Total	6.25	0.0120	0.100	mg/l	1	11/28/18 14:49	
<b>Method:</b> EPA 200.8 <b>Batch ID:</b> W8K1192 <b>Instr:</b> ICPMS04 <b>Prepared:</b> 11/24/18 15:00 <b>Analyst:</b> rrl							
Copper, Dissolved	9.6	0.13	0.50	ug/l	1	12/03/18 16:07	
Copper, Total	57	0.26	1.0	ug/l	1	12/03/18 16:11	M-02
Lead, Dissolved	0.76	0.031	0.20	ug/l	1	12/03/18 16:07	
Lead, Total	22	0.062	0.40	ug/l	1	12/03/18 16:11	M-02
Zinc, Dissolved	49	0.94	5.0	ug/l	1	12/03/18 16:07	
Zinc, Total	270	1.9	10	ug/l	1	12/03/18 16:11	M-02
<b>Method:</b> SM 2340B <b>Batch ID:</b> [CALC] <b>Instr:</b> [CALC] <b>Prepared:</b> 11/27/18 11:59 <b>Analyst:</b> JCK							
Hardness as CaCO3, Total	68.4		0.662	mg/l	1	11/28/18 14:49	
<b>Method:</b> SM 2540D <b>Batch ID:</b> W8K1227 <b>Instr:</b> OVEN11 <b>Prepared:</b> 11/26/18 10:01 <b>Analyst:</b> sar							
Total Suspended Solids	270		5	mg/l	1	11/26/18 12:37	

## Notes and Definitions

Item	Definition
J	Estimated conc. detected <MRL and >MDL.
M-02	Due to the nature of matrix interferences, sample was diluted prior to preparation. The MDL and MRL were raised due to the dilution.
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.

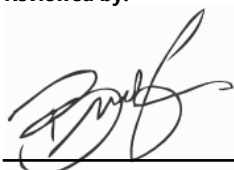
Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

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.

### Reviewed by:



Brandon Gee  
Operations Manager/Senior PM



ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • HW-DOH # • ISO 17025 #L2457.01 • LACSD #10143 •  
NELAP-CA #04229CA • 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.*