

WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

Work Orders: 7E08122

Report Date: 5/15/2017

Received Date: 5/8/2017

Project: City of Paramount

Turnaround Time: 5 workdays

Phones: (562) 275-4252

Fax: (562) 921-6101

Attn: Charlene King

P.O. #:

Client: Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Billing Code:

DoD-ELAP #L2457 • ELAP-CA #1132 • EPA-UCMR #CA00211 • 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.

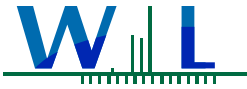
Dear Charlene King,

Enclosed are the results of analyses for samples received 5/08/17 with the Chain-of-Custody document. The samples were received in good condition, at 3.9 °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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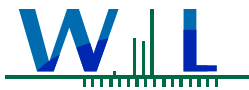
Reported:

05/15/2017 12:44

Project Manager: Charlene King

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
1910105020/ EPTDS from MWD	Allan Goldberg (wecklabs)	7E08122-01	Water	05/08/17 11:15	
1910105022W13D/ Well 13 Disinfection Station	Allan Goldberg (wecklabs)	7E08122-02	Water	05/08/17 11:05	
1910105023W14D/ Well 14 Disinfection Station	Allan Goldberg (wecklabs)	7E08122-03	Water	05/08/17 10:15	
1910105994/ DSMRT for Well 15	Allan Goldberg (wecklabs)	7E08122-04	Water	05/08/17 11:40	
1910105024W15D/ Well 15 Disinfection Station	Allan Goldberg (wecklabs)	7E08122-05	Water	05/08/17 11:30	
1910105991/ DSMRT for MWD	Allan Goldberg (wecklabs)	7E08122-06	Water	05/08/17 11:50	
1910105992/ DSMRT for Well 13	Allan Goldberg (wecklabs)	7E08122-07	Water	05/08/17 10:40	
1910105993/ DSMRT for Well 14	Allan Goldberg (wecklabs)	7E08122-08	Water	05/08/17 10:28	



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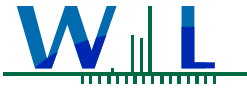
Project Manager: Charlene King

Sample Results

Sample: 1910105020/ EPTDS from MWD
7E08122-01 (Water)

Sampled: 05/08/17 11:15 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7E0530	Prepared: 05/09/17 12:15	Analyst: blg			
Chromium 6+	0.12	0.020	ug/l	1	05/11/17 15:00	



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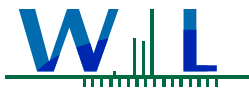
Reported:
05/15/2017 12:44

Sample Results

(Continued)

Sample: 1910105022W13D/ Well 13 Disinfection Station Sampled: 05/08/17 11:05 by Allan Goldberg (wecklabs)
7E08122-02 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7E0530	Prepared: 05/09/17 12:15	Analyst: blg			
Chromium 6+	0.21	0.020	ug/l	1	05/11/17 15:00	



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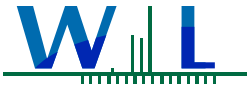
Reported:
05/15/2017 12:44

Sample Results

(Continued)

Sample: 1910105023W14D/ Well 14 Disinfection Station Sampled: 05/08/17 10:15 by Allan Goldberg (wecklabs)
7E08122-03 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7E0530	Prepared: 05/09/17 12:15	Analyst: blg			
Chromium 6+	0.18	0.020	ug/l	1	05/11/17 15:00	



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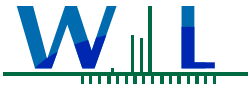
Sample Results

(Continued)

Sample: 1910105994/ DSMRT for Well 15
7E08122-04 (Water)

Sampled: 05/08/17 11:40 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7E0530	Prepared: 05/09/17 12:15	Analyst: blg			
Chromium 6+	0.045	0.020	ug/l	1	05/11/17 15:00	



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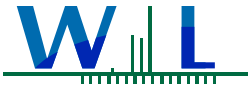
Reported:
05/15/2017 12:44

Sample Results

(Continued)

Sample: 1910105024W15D/ Well 15 Disinfection Station Sampled: 05/08/17 11:30 by Allan Goldberg (wecklabs)
7E08122-05 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7E0530	Prepared: 05/09/17 12:15	Analyst: blg			
Chromium 6+	0.039	0.020	ug/l	1	05/11/17 15:00	



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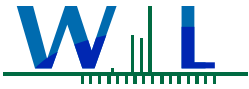
Sample Results

(Continued)

Sample: 1910105991/ DSMRT for MWD
7E08122-06 (Water)

Sampled: 05/08/17 11:50 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7E0530	Prepared: 05/09/17 12:15	Analyst: blg			
Chromium 6+	0.067	0.020	ug/l	1	05/11/17 15:00	



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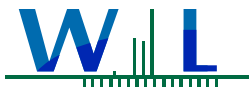
Sample Results

(Continued)

Sample: 1910105992/ DSMRT for Well 13
7E08122-07 (Water)

Sampled: 05/08/17 10:40 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7E0530	Prepared: 05/09/17 12:15	Analyst: blg			
Chromium 6+	0.13	0.020	ug/l	1	05/11/17 15:00	



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05/15/2017 12:44

Project Manager: Charlene King

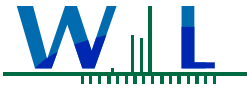
Sample Results

(Continued)

Sample: 1910105993/ DSMRT for Well 14
7E08122-08 (Water)

Sampled: 05/08/17 10:28 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7E0530	Prepared: 05/09/17 12:15				Analyst: blg
Chromium 6+	0.22	0.020	ug/l	1	05/11/17 15:00	



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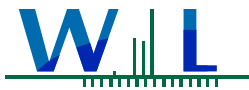
05/15/2017 12:44

Project Manager: Charlene King

Quality Control Results

Hexavalent Chromium by IC

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E0530 - EPA 218.6										
Blank (W7E0530-BLK1)										
Chromium 6+	ND	0.020	ug/l							
Prepared: 05/09/17 Analyzed: 05/11/17										
LCS (W7E0530-BS1)										
Chromium 6+	5.03	0.020	ug/l	5.00		101	90-110			
Prepared: 05/09/17 Analyzed: 05/11/17										
Matrix Spike (W7E0530-MS1)										
Chromium 6+	4.84	0.020	ug/l	5.00	ND	97	88-112			
Source: 7E08034-01 Prepared: 05/09/17 Analyzed: 05/11/17										
Matrix Spike (W7E0530-MS2)										
Chromium 6+	7.58	0.020	ug/l	5.00	2.53	101	88-112			
Source: 7E08051-01 Prepared: 05/09/17 Analyzed: 05/11/17										
Matrix Spike Dup (W7E0530-MSD1)										
Chromium 6+	5.09	0.020	ug/l	5.00	ND	102	88-112	5	10	
Source: 7E08034-01 Prepared: 05/09/17 Analyzed: 05/11/17										
Matrix Spike Dup (W7E0530-MSD2)										
Chromium 6+	7.60	0.020	ug/l	5.00	2.53	101	88-112	0.2	10	
Source: 7E08051-01 Prepared: 05/09/17 Analyzed: 05/11/17										



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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 MIS002.



Weck Laboratories, Inc.
Analytical Laboratory Services - Since 1964

CHAIN OF CUSTODY RECORD

14856 East Clark Avenue : Industry : CA 91745
Tel 626-336-2139 ♦ Fax 626-336-2634 ♦ www.wecklabs.com

STANDARD **7E08122**

Page 1 Of 1

CLIENT NAME: Water Replenishment District

PROJECT: City of Paramount

ANALYSES REQUESTED

ADDRESS: 4040 Paramount Blvd
Lakewood, Ca 90712

PHONE: 562-921-5521
FAX:
EMAIL: cking@wrd.org

SPECIAL HANDLING
Same Day Rush 150%
24 Hour Rush 100%
48-72 Hour Rush 75%
4 - 5 Day Rush 30%
Rush Extractions 50%
10 - 15 Business Days
QA/QC Data Package

PROJECT MANAGER: Charlene King

SAMPLER: Weck

Charges will apply for weekends/holidays
Method of Shipment:
COMMENTS:

ID# (For Lab Use Only)	DATE SAMPLED	TIME SAMPLED	SMP TYPE	SAMPLE IDENTIFICATION/SITE LOCATION	# OF CONT.	ANALYSES REQUESTED	COMMENTS
	5/8/14	1115	GW	1910105020/EPTDS from MWD	1	X	Fld Temp 21.2°C
		1105	GW	1910105022W13D/Well 13 Disinfection Station	1	X	Fld Temp 20.8°C
		1015	GW	1910105023W14D/Well 14 Disinfection Station	1	X	Fld Temp 21.3°C
		1140	GW	1910105994/DSMRT for Well 15 1910105024W15D/Well 15 Disinfection Station	1	X	Fld Temp 24.0°C
		1150	GW	1910105991/DSMRT for MWD	1	X	Fld Temp 23.4°C
		1040	GW	1910105992/DSMRT for Well 13	1	X	Fld Temp 22.9°C
		1028	GW	1910105993/DSMRT for Well 14	1	X	Fld Temp 23.0°C

RELINQUISHED BY: *[Signature]*
DATE / TIME: 5/8/14 1655

RECEIVED BY: *[Signature]*
DATE / TIME: 5/8/14 1655

SAMPLE CONDITION: Actual Temperature: 39°C

RELINQUISHED BY: DATE / TIME

RECEIVED BY: DATE / TIME

SAMPLE TYPE CODE:
AQ=Aqueous
NA=Non Aqueous
SL=Sludge
DW=Drinking Water
WW=Waste Water
RW=Rain Water
GW=Ground Water
SO=Soil
SW=Solid Waste
OL=Oil
OT=Other Matrix

PRESCHEDULED RUSH ANALYSES WILL TAKE PRIORITY OVER UNSCHEDULED RUSH REQUESTS

SPECIAL REQUIREMENTS / BILLING INFORMATION

Received On Ice Preserved Evidence Seats Present Container Attached Preserved at Lab