

WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

**Work Orders:** 8B05002

**Report Date:** 2/12/2018

**Project:** City of Paramount

**Received Date:** 2/5/2018

**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 • 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.*

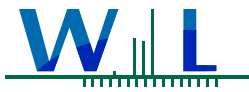
Dear Charlene King,

Enclosed are the results of analyses for samples received 2/05/18 with the Chain-of-Custody document. The samples were received in good condition, at 2.7 °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





WECK LABORATORIES, INC.

Water Replenishment District  
4040 Paramount Blvd.  
Lakewood, CA 90712

# Certificate of Analysis

FINAL REPORT

**Project Number:** City of Paramount

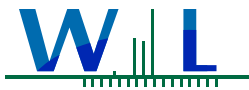
**Reported:**

02/12/2018 16:07

**Project Manager:** Charlene King

## Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
1910105020/EPTDS from MWD	Allan Goldberg (wecklabs)	8B05002-01	Water	02/05/18 11:12	
1910105022W13D/Well 13 Disinfection Station	Allan Goldberg (wecklabs)	8B05002-02	Water	02/05/18 10:33	
1910105023W14D/Well 14 Disinfection Station	Allan Goldberg (wecklabs)	8B05002-03	Water	02/05/18 10:00	
1910105994/DSMRT for Well 15	Allan Goldberg (wecklabs)	8B05002-04	Water	02/05/18 10:55	
1910105024W15D/Well 15 Disinfection Station	Allan Goldberg (wecklabs)	8B05002-05	Water	02/05/18 11:28	
1910105991/DSMRT for MWD	Allan Goldberg (wecklabs)	8B05002-06	Water	02/05/18 10:44	
1910105992/DSMRT for Well 13	Allan Goldberg (wecklabs)	8B05002-07	Water	02/05/18 10:20	
1910105993/DSMRT for Well 14	Allan Goldberg (wecklabs)	8B05002-08	Water	02/05/18 10:10	



WECK LABORATORIES, INC.

Water Replenishment District  
4040 Paramount Blvd.  
Lakewood, CA 90712

# Certificate of Analysis

FINAL REPORT

**Project Number:** City of Paramount

**Reported:**

02/12/2018 16:07

**Project Manager:** Charlene King

## Sample Results

Sample: 1910105020/EPTDS from MWD  
8B05002-01 (Water) Sampled: 02/05/18 11:12 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Hexavalent Chromium by IC</b>						
<b>Method:</b> EPA 218.6	<b>Batch ID:</b> W8B0135	<b>Instr:</b> LC13	<b>Prepared:</b> 02/05/18 11:33	<b>Analyst:</b> blg		
<b>Chromium 6+</b>	<b>0.092</b>	0.020	ug/l	1	02/10/18 16:03	

Sample: 1910105022W13D/Well 13 Disinfection Station  
8B05002-02 (Water) Sampled: 02/05/18 10:33 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Hexavalent Chromium by IC</b>						
<b>Method:</b> EPA 218.6	<b>Batch ID:</b> W8B0135	<b>Instr:</b> LC13	<b>Prepared:</b> 02/05/18 11:33	<b>Analyst:</b> blg		
<b>Chromium 6+</b>	<b>0.41</b>	0.020	ug/l	1	02/10/18 16:15	

Sample: 1910105023W14D/Well 14 Disinfection Station  
8B05002-03 (Water) Sampled: 02/05/18 10:00 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Hexavalent Chromium by IC</b>						
<b>Method:</b> EPA 218.6	<b>Batch ID:</b> W8B0135	<b>Instr:</b> LC13	<b>Prepared:</b> 02/05/18 11:33	<b>Analyst:</b> blg		
<b>Chromium 6+</b>	<b>0.24</b>	0.020	ug/l	1	02/10/18 19:47	

Sample: 1910105994/DSMRT for Well 15  
8B05002-04 (Water) Sampled: 02/05/18 10:55 by Allan Goldberg (wecklabs)

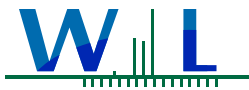
Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Hexavalent Chromium by IC</b>						
<b>Method:</b> EPA 218.6	<b>Batch ID:</b> W8B0135	<b>Instr:</b> LC13	<b>Prepared:</b> 02/05/18 11:33	<b>Analyst:</b> blg		
<b>Chromium 6+</b>	<b>0.025</b>	0.020	ug/l	1	02/10/18 16:39	

Sample: 1910105024W15D/Well 15 Disinfection Station  
8B05002-05 (Water) Sampled: 02/05/18 11:28 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Hexavalent Chromium by IC</b>						
<b>Method:</b> EPA 218.6	<b>Batch ID:</b> W8B0135	<b>Instr:</b> LC13	<b>Prepared:</b> 02/05/18 11:33	<b>Analyst:</b> blg		
<b>Chromium 6+</b>	<b>0.035</b>	0.020	ug/l	1	02/10/18 16:51	

Sample: 1910105991/DSMRT for MWD  
8B05002-06 (Water) Sampled: 02/05/18 10:44 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Hexavalent Chromium by IC</b>						
<b>Method:</b> EPA 218.6	<b>Batch ID:</b> W8B0135	<b>Instr:</b> LC13	<b>Prepared:</b> 02/05/18 11:33	<b>Analyst:</b> blg		
<b>Chromium 6+</b>	<b>0.034</b>	0.020	ug/l	1	02/10/18 17:02	



WECK LABORATORIES, INC.

Water Replenishment District  
4040 Paramount Blvd.  
Lakewood, CA 90712

# Certificate of Analysis

FINAL REPORT

**Project Number:** City of Paramount

**Reported:**

02/12/2018 16:07

**Project Manager:** Charlene King

## Sample Results

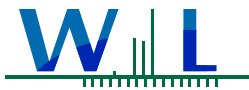
(Continued)

Sample: 1910105992/DSMRT for Well 13  
8B05002-07 (Water) Sampled: 02/05/18 10:20 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Hexavalent Chromium by IC</b>						
<b>Method:</b> EPA 218.6	<b>Batch ID:</b> W8B0135	<b>Instr:</b> LC13	<b>Prepared:</b> 02/05/18 11:33	<b>Analyst:</b> blg		
<b>Chromium 6+</b>	<b>0.14</b>	0.020	ug/l	1	02/10/18 17:38	

Sample: 1910105993/DSMRT for Well 14  
8B05002-08 (Water) Sampled: 02/05/18 10:10 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Hexavalent Chromium by IC</b>						
<b>Method:</b> EPA 218.6	<b>Batch ID:</b> W8B0135	<b>Instr:</b> LC13	<b>Prepared:</b> 02/05/18 11:33	<b>Analyst:</b> blg		
<b>Chromium 6+</b>	<b>0.32</b>	0.020	ug/l	1	02/10/18 17:50	



WECK LABORATORIES, INC.

Water Replenishment District  
4040 Paramount Blvd.  
Lakewood, CA 90712

# Certificate of Analysis

FINAL REPORT

**Project Number:** City of Paramount

**Reported:**

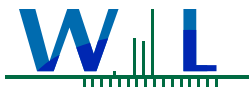
02/12/2018 16:07

**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
<b>Batch: W8B0135 - EPA 218.6</b>										
<b>Blank (W8B0135-BLK1)</b>										
Chromium 6+	ND	0.020	ug/l							
				<b>Prepared: 02/05/18 Analyzed: 02/10/18</b>						
<b>LCS (W8B0135-BS1)</b>										
Chromium 6+	5.04	0.020	ug/l	5.00		101	90-110			
				<b>Prepared: 02/05/18 Analyzed: 02/10/18</b>						
<b>Matrix Spike (W8B0135-MS1)</b>										
Chromium 6+	5.05	0.020	ug/l	5.00	0.0919	99	88-112			
				<b>Prepared: 02/05/18 Analyzed: 02/10/18</b>						
<b>Matrix Spike (W8B0135-MS2)</b>										
Chromium 6+	5.45	0.020	ug/l	5.00	0.413	101	88-112			
				<b>Prepared: 02/05/18 Analyzed: 02/10/18</b>						
<b>Matrix Spike Dup (W8B0135-MSD1)</b>										
Chromium 6+	5.21	0.020	ug/l	5.00	0.0919	102	88-112	3	10	
				<b>Prepared: 02/05/18 Analyzed: 02/10/18</b>						
<b>Matrix Spike Dup (W8B0135-MSD2)</b>										
Chromium 6+	5.51	0.020	ug/l	5.00	0.413	102	88-112	1	10	



WECK LABORATORIES, INC.

Water Replenishment District  
4040 Paramount Blvd.  
Lakewood, CA 90712

**Project Number:** City of Paramount

**Project Manager:** Charlene King

# Certificate of Analysis

FINAL REPORT

**Reported:**  
02/12/2018 16:07

## 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.



Weck Laboratories, Inc.  
Analytical Laboratory Services - Since 1964

# CHAIN OF CUSTODY RECORD

14859 East Clark Avenue : Industry : CA 91745  
Tel 626-336-2139 ♦ Fax 626-336-2634 ♦ www.wecklabs.com

STANDARD **8B05002**

Page 1 Of 1

CLIENT NAME: Water Replenishment District		PROJECT: City of Paramount		ANALYSES REQUESTED				SPECIAL HANDLING	
ADDRESS: 4040 Paramount Blvd Lakewood, Ca 90712		PHONE: 562-921-5521 FAX: EMAIL: <a href="mailto:cking@wrd.org">cking@wrd.org</a>		Cr6 218.6				<input type="checkbox"/> Same Day Rush 150% <input type="checkbox"/> 24 Hour Rush 100% <input type="checkbox"/> 48-72 Hour Rush 75% <input checked="" type="checkbox"/> 4 - 5 Day Rush 30% <input type="checkbox"/> Rush Extractions 50% <input type="checkbox"/> 10 - 15 Business Days <input type="checkbox"/> QA/QC Data Package	
PROJECT MANAGER Charlene King		SAMPLER Weck						Charges will apply for weekends/holidays	

ID# (For Lab Use Only)	DATE SAMPLED	TIME SAMPLED	SMPL TYPE	SAMPLE IDENTIFICATION/SITE LOCATION	# OF CONT.	ANALYSES REQUESTED										COMMENTS			
	2/5/18	1112	GW	1910105020/EPTDS from MWD	1	x													Fld Temp 17.9°C
		1033	GW	1910105022W13D/Well 13 Disinfection Station	1	x													Fld Temp 19.9°C
		1000	GW	1910105023W14D/Well 14 Disinfection Station	1	x													Fld Temp 18.7°C
		1055	GW	1910105994/DSMRT for Well 15 1910105024W15D/Well 15	1	x													Fld Temp 20.7°C
		1128	GW	Disinfection Station	1	x													Fld Temp 21.2°C
		1044	GW	1910105991/DSMRT for MWD	1	x													Fld Temp 20.6°C
		1020	GW	1910105992/DSMRT for Well 13	1	x													Fld Temp 20.5°C
		1010	GW	1910105993/DSMRT for Well 14	1	x													Fld Temp 19.0°C

RELINQUISHED BY <i>[Signature]</i>	DATE / TIME 2/5/18 1635	RECEIVED BY <i>[Signature]</i>	2/5/18 16:35	<b>SAMPLE CONDITION:</b> Actual Temperature: 2.7°C  Received On Ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N Preserved: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N Evidence Seals Present: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N Container Attacked: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N Preserved at Lab: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	<b>SAMPLE TYPE CODE:</b> 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
RELINQUISHED BY	DATE / TIME	RECEIVED BY			
RELINQUISHED BY	DATE / TIME	RECEIVED BY			

PRESCHEDULED RUSH ANALYSES WILL TAKE PRIORITY OVER UNSCHEDULED RUSH REQUESTS

Client agrees to Terms & Conditions at: [www.wecklabs.com](http://www.wecklabs.com)

SPECIAL REQUIREMENTS / BILLING INFORMATION