Certificate of Analysis

WECK LABORATORIES, INC.

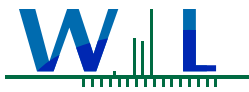|			
Work Orders:	8F04002	**Report Date:**	6/14/2018
		Received Date:	6/4/2018
Project:	City of Paramount	**Turnaround Time:**	Normal
		Phones:	(562) 275-4252
		Fax:	(562) 921-6101
Attn:	Charlene King	**P.O. #:**	
Client:	Water Replenishment District	**Billing Code:**	
	4040 Paramount Blvd.		
	Lakewood, CA 90712		

Dear Charlene King,

Enclosed are the results of analyses for samples received 6/04/18 with the Chain-of-Custody document. The samples were received in good condition, at 10.8 °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

Certificate of Analysis

WECK LABORATORIES, INC.

FINAL REPORT

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
1910105020/EPTDS from MWD	Allan Goldberg (wecklabs)	8F04002-01	Water	06/04/18 11:25	
1910105022W13D/Well 13 Disinfection Station	Allan Goldberg (wecklabs)	8F04002-02	Water	06/04/18 10:55	
1910105023W14D/Well 14 Disinfection Station	Allan Goldberg (wecklabs)	8F04002-03	Water	06/04/18 10:15	
1910105994/DSMRT for Well 15	Allan Goldberg (wecklabs)	8F04002-04	Water	06/04/18 11:15	
1910105024W15D/Well 15 Disinfection Station	Allan Goldberg (wecklabs)	8F04002-05	Water	06/04/18 11:40	
1910105991/DSMRT for MWD	Allan Goldberg (wecklabs)	8F04002-06	Water	06/04/18 11:08	
1910105992/DSMRT for Well 13	Allan Goldberg (wecklabs)	8F04002-07	Water	06/04/18 10:40	
1910105993/DSMRT for Well 14	Allan Goldberg (wecklabs)	8F04002-08	Water	06/04/18 10:30	
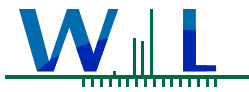
Certificate of Analysis

FINAL REPORT

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
06/14/2018 14:51

Sample Results

Sample: 1910105020/EPTDS from MWD

8F04002-01 (Water)

Sampled: 06/04/18 11:25 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6 **Batch ID:** W8F0745 **Instr:** LC13 **Prepared:** 06/13/18 10:39 **Analyst:** dil						
Chromium 6+	0.15	0.10	ug/l	5	06/13/18 14:36	

Sample: 1910105022W13D/Well 13 Disinfection Station

8F04002-02 (Water)

Sampled: 06/04/18 10:55 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6 **Batch ID:** W8F0745 **Instr:** LC13 **Prepared:** 06/13/18 10:39 **Analyst:** dil						
Chromium 6+	0.24	0.10	ug/l	5	06/13/18 14:48	

Sample: 1910105023W14D/Well 14 Disinfection Station

8F04002-03 (Water)

Sampled: 06/04/18 10:15 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6 **Batch ID:** W8F0745 **Instr:** LC13 **Prepared:** 06/13/18 10:39 **Analyst:** dil						
Chromium 6+	0.27	0.10	ug/l	5	06/13/18 14:59	

Sample: 1910105994/DSMRT for Well 15

8F04002-04 (Water)

Sampled: 06/04/18 11:15 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6 **Batch ID:** W8F0745 **Instr:** LC13 **Prepared:** 06/13/18 10:39 **Analyst:** dil						
Chromium 6+	0.14	0.10	ug/l	5	06/13/18 15:59	

Sample: 1910105024W15D/Well 15 Disinfection Station

8F04002-05 (Water)

Sampled: 06/04/18 11:40 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6 **Batch ID:** W8F0745 **Instr:** LC13 **Prepared:** 06/13/18 10:39 **Analyst:** dil						
Chromium 6+	0.14	0.10	ug/l	5	06/13/18 16:10	

Sample: 1910105991/DSMRT for MWD

8F04002-06 (Water)

Sampled: 06/04/18 11:08 by Allan Goldberg (wecklabs)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6 **Batch ID:** W8F0745 **Instr:** LC13 **Prepared:** 06/13/18 10:39 **Analyst:** dil						
Chromium 6+	0.26	0.10	ug/l	5	06/13/18 16:22	
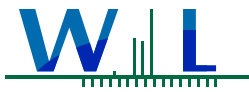
WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
06/14/2018 14:51

Sample Results

(Continued)

Sample:	1910105992/DSMRT for Well 13			Sampled: 06/04/18 10:40 by Allan Goldberg (wecklabs)				
	8F04002-07 (Water)							
Analyte		**Result**	**MRL**	**Units**	**Dil**	**Analyzed**	**Qualifier**

Hexavalent Chromium by IC

Method: EPA 218.6		**Batch ID:** W8F0745	**Instr:** LC13		**Prepared:** 06/13/18 10:39		**Analyst:** dil	
Chromium 6+		0.24	0.10	ug/l	5	06/13/18 16:34	

Sample:	1910105993/DSMRT for Well 14			Sampled: 06/04/18 10:30 by Allan Goldberg (wecklabs)				
	8F04002-08 (Water)							
Analyte		**Result**	**MRL**	**Units**	**Dil**	**Analyzed**	**Qualifier**

Hexavalent Chromium by IC

Method: EPA 218.6		**Batch ID:** W8F0745	**Instr:** LC13		**Prepared:** 06/13/18 10:39		**Analyst:** dil	
Chromium 6+		0.31	0.10	ug/l	5	06/13/18 16:46	

WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Quality Control Results

Hexavalent Chromium by IC

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W8F0745 - EPA 218.6										
Blank (W8F0745-BLK1)				**Prepared & Analyzed: 06/13/18**						
Chromium 6+	ND	0.020	ug/l							
LCS (W8F0745-BS1)				**Prepared & Analyzed: 06/13/18**						
Chromium 6+	4.97	0.020	ug/l	5.00		99	90-110			
Matrix Spike (W8F0745-MS1)	**Source: 8F04002-01**			**Prepared & Analyzed: 06/13/18**						
Chromium 6+	25.4	0.10	ug/l	25.0	0.150	101	88-112			
Matrix Spike Dup (W8F0745-MSD1)	**Source: 8F04002-01**			**Prepared & Analyzed: 06/13/18**						
Chromium 6+	24.8	0.10	ug/l	25.0	0.150	98	88-112	2	10	
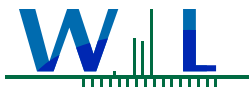
Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

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.

W∎L

Weck Laboratories, Inc.
Analytical Laboratory Services - Since 1964

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

CHAIN OF CUSTODY RECORD

STANDARD

8F04102

CLIENT NAME:	PROJECT:	ANALYSES REQUESTED	SPECIAL HANDLING

CLIENT NAME: Water Replenishment District

ADDRESS:
4040 Parmount Blvd
Lakewood, Ca 90712

PROJECT: City of Paramount

PHONE: 562-921-5521

FAX:

EMAIL: cking@wrd.org

PROJECT MANAGER: Charlene King

SAMPLER: Weck

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

Charges will apply for weekends/holidays

Method of Shipment:

ID# (For lab Use Only)	DATE SAMPLED	TIME SAMPLED	SMPL TYPE	SAMPLE IDENTIFICATION/SITE LOCATION	# OF CONT.	Cr6 218.6								COMMENTS
	6/4/18	1125	GW	1910105020/EPTDS from MWD	1	x								Fld Temp 22.0 °c
		1055	GW	1910105022W13D/Well 13 Disinfection Station	1	x								Fld Temp 21.7 °c
		1015	GW	1910105023W14D/Well 14 Disinfection Station	1	x								Fld Temp 23.1 °c
		1115	GW	1910105994/DSMRT for Well 15	1	x								Fld Temp 23.5 °c
		1140	GW	1910105024W15D/Well 15 Disinfection Station	1	x								Fld Temp 22.7 °c
		1108	GW	1910105991/DSMRT for MWD	1	x								Fld Temp 23.5 °c
		1040	GW	1910105992/DSMRT for Well 13	1	x								Fld Temp 24.5 °c
		1030	GW	1910105993/DSMRT for Well 14	1	x								Fld Temp 24.7 °c

RELINQUISHED BY	DATE / TIME	RECEIVED BY	SAMPLE CONDITION:	SAMPLE TYPE CODE:
	6/4/18 1635	CAS 6/4/18 16:35	Actual Temperature: 10.8	AQ=Aqueous / NA= Non Aqueous / SL = Sludge
RELINQUISHED BY	DATE / TIME	RECEIVED BY	Received On Ice Y/N Preserved Y/N Evidence Seals Present Y/N Container Attacked Y/N Preserved at Lab Y/N	DW = Drinking Water / WW = Waste Water / RW = Rain Water / GW = Ground Water
RELINQUISHED BY	DATE / TIME	RECEIVED BY		SO = Soil / SW = Solid Waste / OL = Oil / OT = Other Matrix

PRESCHEDULED RUSH ANALYSES WILL TAKE PRIORITY OVER UNSCHEDULED RUSH REQUESTS
Client agrees to Terms & Conditions at: www.wecklabs.com

SPECIAL REQUIREMENTS / BILLING INFORMATION

COC version 042707