

Certificate of Analysis

FINAL REPORT

Work Orders:	7F05094	Report Date:	6/13/2017
		Received Date:	6/5/2017
Project [.]	City of Paramount	Turnaround Time:	5 workdays
i i ojecu		Phones:	(562) 275-4252
		Fax:	(562) 921-6101
Attn:	Charlene King	P.O. #:	
	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 6/05/17 with the Chain-of-Custody document. The samples were received in good condition, at 2.3 °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:

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Valerie Rejuso Project Manager

7F05094













Water Replenishment District 4040 Paramount Blvd. Lakewood, CA 90712

Certificate of Analysis

FINAL REPORT

Project Number: City of Paramount

Reported: 06/13/2017 10:46

Project Manager: Charlene King

Sample	Summary
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Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
1910105020/ EPTDS from MWD	Carlos Navarro (wecklabs)	7F05094-01	Water	06/05/17 10:54	
1910105022W13D/ Well 13 Disinfection Station	Carlos Navarro (wecklabs)	7F05094-02	Water	06/05/17 10:44	
1910105023W14D/ Well 14 Disinfection Station	Carlos Navarro (wecklabs)	7F05094-03	Water	06/05/17 10:09	
1910105994/ DSMRT for Well 15	Carlos Navarro (wecklabs)	7F05094-04	Water	06/05/17 11:17	
1910105024W15D/ Well 15 Disinfection Station	Carlos Navarro (wecklabs)	7F05094-05	Water	06/05/17 11:05	
1910105991/ DSMRT for MWD	Carlos Navarro (wecklabs)	7F05094-06	Water	06/05/17 11:24	
1910105992/ DSMRT for Well 13	Carlos Navarro (wecklabs)	7F05094-07	Water	06/05/17 10:23	
1910105993/ DSMRT for Well 14	Carlos Navarro (wecklabs)	7F05094-08	Water	06/05/17 10:33	

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Qualifier

Water Replenishment District 4040 Paramount Blvd. Lakewood, CA 90712		Project Number: Project Manager:	City of Paramount	Reported: 06/13/2017 10:46
	mple Results	Froject Manager.		
Sample:	1910105020/ EPTDS from MWD			Sampled: 06/05/17 10:54 by Carlos Navarro (wecklabs)
	7F05094-01 (Water)			

Analyte

Hexavalent Chromium by IC

Method: EPA 218.6	Batch ID: W7F0369	Prepared: 06/07/17 07:21			Analyst: blg
Chromium 6+	0.066	0.020 ug/l	1	06/07/17 08:00	

Result

MRL

Units

Dil

Analyzed



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Water Replenishment District 4040 Paramount Blvd.		Project Number:	City of Paramount			06/1	Reported: 3/2017 10:46
Lakewood, C		Project Manager:	Charlene King			00/1	5/2017 10.40
Sa	mple Results					. (Continued)
Sample:	1910105022W13D/ Well 13 Disinfection Station			Sampled: 0	6/05/17 10):44 by Carlos Nava	rro (wecklabs)
	7F05094-02 (Water)						
Analyte		Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Ch	romium by IC						
Method: EPA	218.6	Batch ID: W7F0369	Prepared: 0	6/07/17 15:21			Analyst: blg
Chromium	ı 6+	0.15	0.020	ug/l	1	06/12/17 11:15	



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Water Reple 4040 Paramo	nishment District	Project Number:	City of Paramount			06/1	Reported: 3/2017 10:46
Lakewood, C		Project Manager:	Charlene King			00/1	5/2017 10.40
Sa Sa	imple Results					. (Continued)
Sample:	1910105023W14D/ Well 14 Disinfection Station			Sampled: (6/05/17 10):09 by Carlos Navai	rro (wecklabs)
	7F05094-03 (Water)						
Analyte		Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Ch	romium by IC						
Method: EPA	218.6	Batch ID: W7F0369	Prepared: 0	6/07/17 07:21			Analyst: blg
Chromium	ו 6+	0.16	0.020	ug/l	1	06/07/17 08:00	

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Water Replenishment District 4040 Paramount Blvd.		Project Number:	City of Paramount		Repor 06/13/2017 1(
Lakewood, (Project Manager:	Charlene King			00/1	5/2017 10.40	
Sa Sa	ample Results					(Continued)	
Sample:	1910105994/ DSMRT for Well 15			Sampled: 0	6/05/17 11	:17 by Carlos Nava	rro (wecklabs)	
	7F05094-04 (Water)							
Analyte		Result	MRL	Units	Dil	Analyzed	Qualifier	
Hexavalent Cl	nromium by IC							
Method: EPA	A 218.6	Batch ID: W7F0369	Prepared: 06	/07/17 07:21			Analyst: blg	
Chromiun	n 6+	0.029	0.020	ug/l	1	06/07/17 08:00	_	



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Water Replenishment District 4040 Paramount Blvd.		Project Number:	City of Paramount			06/1	Reported: 3/2017 10:46
Lakewood, C		Project Manager:	Charlene King			00/1	3/2017 10.46
Sa Sa	imple Results					. (Continued)
Sample:	1910105024W15D/ Well 15 Disinfection Station			Sampled: 06	5/05/17 11	:05 by Carlos Nava	rro (wecklabs)
	7F05094-05 (Water)						
Analyte		Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Ch	romium by IC						
Method: EPA	218.6	Batch ID: W7F0369	Prepared: 06,	/07/17 07:21			Analyst: blg
Chromium	ו 6+	0.026	0.020	ug/l	1	06/07/17 08:00	

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Water Reple 4040 Param	nishment District	Project Number:	City of Paramount			06/2	Reported: 3/2017 10:46
Lakewood, C		Project Manager:	Charlene King			00/	13/2017 10.40
Sa	ample Results						(Continued)
Sample:	1910105991/ DSMRT for MWD			Sampled: 0	6/05/17 11	1:24 by Carlos Nava	rro (wecklabs)
	7F05094-06 (Water)						
Analyte		Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Ch	romium by IC						
Method: EPA	218.6	Batch ID: W7F0369	Prepared: 06	/07/17 07:21			Analyst: blg
Chromium	1 6+	0.13	0.020	ug/l	1	06/07/17 08:00	-

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Water Reple 4040 Param	enishment District	Project Number:	City of Paramount			06/1	Reported: 13/2017 10:46
Lakewood, C		Project Manager:	Charlene King			00/1	13/2017 10.40
Sa Sa	ample Results					. ((Continued)
Sample:	1910105992/ DSMRT for Well 13			Sampled: 0	6/05/17 10):23 by Carlos Nava	rro (wecklabs)
	7F05094-07 (Water)						
Analyte		Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Ch	nromium by IC						
Method: EPA	A 218.6	Batch ID: W7F0369	Prepared: 06	/07/17 07:21			Analyst: blg
Chromiun	n 6+	0.11	0.020	ug/l	1	06/07/17 08:00	_

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Water Reple 4040 Param	nishment District	Project Number:	City of Paramount			06/1	Reported: 3/2017 10:46
Lakewood, C		Project Manager:	Charlene King			00/1	13/2017 10.40
Sa Sa	ample Results					. ((Continued)
Sample:	1910105993/ DSMRT for Well 14			Sampled: 00	6/05/17 10):33 by Carlos Nava	rro (wecklabs)
	7F05094-08 (Water)						
Analyte		Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Ch	romium by IC						
Method: EPA	218.6	Batch ID: W7F0369	Prepared: 06/	/07/17 07:21			Analyst: blg
Chromium	1 6+	0.16	0.020	ug/l	1	06/07/17 08:00	



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Water Replenishment District 4040 Paramount Blvd. Lakewood, CA 90712

Project Number: City of Paramount

Reported: 06/13/2017 10:46

Project Manager: Charlene King

Quality Control Results

Hexavalent Chromium by IC										
				Spike	Source		%REC		RPD	
Analyte	Result	MRL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch: W7F0369 - EPA 218.6										
Blank (W7F0369-BLK1)			Pre	pared: 06/07/1	7 Analyzed:	06/12/17	7			
Chromium 6+	ND	0.020	ug/l							
LCS (W7F0369-BS1)				Prepared & A	nalyzed: 06/0	07/17				
Chromium 6+	5.08	0.020	ug/l	5.00		102	90-110			
Matrix Spike (W7F0369-MS1)	Source: 7E2	4029-02		Prepared & A	nalyzed: 06/0	07/17				
Chromium 6+	5.83	0.020	ug/l	5.00	0.803	101	88-112			
Matrix Spike (W7F0369-MS2)	Source: 7E2	4029-05		Prepared & A	nalyzed: 06/0	07/17				
Chromium 6+	5.05	0.020	ug/l	5.00	0.0451	100	88-112			
Matrix Spike Dup (W7F0369-MSD1)	Source: 7E2	4029-02		Prepared & A	nalyzed: 06/0	07/17				
Chromium 6+	5.90	0.020	ug/l	5.00	0.803	102	88-112	1	10	
Matrix Spike Dup (W7F0369-MSD2)	Source: 7E2	4029-05		Prepared & A	nalyzed: 06/0	07/17				
Chromium 6+	5.11	0.020	ug/l	5.00	0.0451	101	88-112	1	10	



Water Replenishment District

4040 Paramount Blvd.

Lakewood, CA 90712

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Project Number: City of Paramount

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Project Manager: Charlene King

Notes and Definitions

ltem	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.

VIIC			Weck Laboratories, Inc.	atories, Iı	Ŀ	CHAIN O	CHAIN OF CUSTODY RECORD	DY R	ECORD	
14859 East Clark Avenue: Industry : C Tel 626-336-2139 ◆ Fax 626-336-2634	4	CA 91745 34 ♦ www.w	Amalytical Laboratory Services - Since 1964	Services - Silicos	100 100 100	STANDARD		Page_	1 Of 1	
CLIENT NAME:		PROJE	:CT:			ANALYSES REQUESTED	UESTED	SPECI/	SPECIAL HANDLING	Γ
Motor Doctoriotherent District									Same Day Rush 150%	
ADDRESS:		PHONE:	City of Pararitourit PHONE: 562-921-5521						24 Hour Rush 100% 48-72 Hour Rush 75%	
4040 Parmount Blvd		FAX:						×	4 - 5 Day Rush 30%	
Lakewood, Ca 90712		EMAIL:	cking@wrd.org						Rush Extractions 50%	
PRO IECT MANAGEE			ED		:				10 - 15 Business Days	2010000
Charlene King		Weck	hedra		9.819			Charges will	Charges will apply for weekends/holidays	idays
ID# DATE TI (For lab Use Only) SAMPLED SAM	TIME SI SAMPLED T	SMPL SAMPI TYPE	SAMPLE IDENTIFICATION/SITE LOCATION	DCATION # OF				Method of Shipment: COMMENTS	hipment:	
n/2/1/0	1054 G	GW 191010	1910105020/EPTDS from MWD	VD 1	×			Fld Temp	22,0 <	
hh 01		GW Disinfe	1910105022W13D/Well 13 Disinfection Station	-	×			Fld Temp	21.6 C	
101	1000 C	GW Disinfe	1910105023W14D/Well 14 Disinfection Station		×			Fld Temp	22.8 c	
	17 0	GW 191010	1910105994/DSMRT for Well 15	115 1	×			Fld Temp	22.90	
//0	1105 G	GW Disinfe	1910105024W15D/Well 15 Disinfection Station	~	×			Fld Temp	22.30	
11	24 G	W 19101(GW 1910105991/DSMRT for MWD	-	×			Fld Temp	23 3c	
102		GW 191010	1910105992/DSMRT for Well 13	13 1	×			Fld Temp	22.2c	
0/	/0 33 G	GW 191010	1910105993/DSMRT for Well 14	14 1	×			Fld Temp	24.0 %	
RECINQUISHED BY		DATE / TIME		RECEIVED BY			SAMPLE CONDITION: Actual Temperature: 2, 30	NDITION:	SAMPLE TYPE CODE: AQ=Aqueous NA= Non Aqueous SL = Sludge	is ode:
RECINQUISHED/BY		DATE/TIME	317	RECEIVED BY		12. J	Received On Ice Preserved Evidence Seals Present Container Attacked		 / N DW = Drinking Water / N WW = Vvaste Water / N RW = Rain Water / N GW = Ground Water 	Vater ater sr ater
RELINQUISHED BY	à	DATÉ / TIME		RECEIVED BY			Preserved at Lab			e ×
PRESCHEDULED RUSH ANALYSES WILL TAKE PRIORITY OVER UNSCHEDULED RUSH REQUESTS Client agrees to Terms & Conditions at: <u>www.weckl</u>	TAKE	PRIORITY www.wecklabs.com	SPECIAL REQUIREMENTS / BILLING INFORMATION	MENTS / BILLII	NG INFO	DRMATION			COC version 04270	2072