

Certificate of Analysis

FINAL REPORT

Work Orders:	8F04002	Report Date:	6/14/2018
		Received Date:	6/4/2018
Project	City of Paramount	Turnaround Time:	Normal
Fioject.		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 • HW-DOH # • ISO 17025 #L2457.01 • LACSD #10143 • NELAP-CA #04229CA • NELAP-OR #4047 • 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 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:

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Valerie Rejuso Project Manager

8F04002













Water Replenishment District 4040 Paramount Blvd. Lakewood, CA 90712

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Project Number: City of Paramount

Reported: 06/14/2018 14:51

Project Manager: Charlene King

Sample	Summary
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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	

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Water Replenishment District	Project Number: City of Paramount	Reported:
4040 Paramount Blvd.		06/14/2018 14:51
Lakewood, CA 90712	Project Manager: Charlene King	
Sample Results		

ample results Sample: 1910105020/EPTDS from MWD Sampled: 06/04/18 11:25 by Allan Goldberg (wecklabs) 8F04002-01 (Water) Result MRL Units Dil Analyzed Qualifier Analyte Hexavalent Chromium by IC Method: EPA 218.6 Batch ID: W8F0745 Prepared: 06/13/18 10:39 Instr: LC13 Analyst: dil Chromium 6+ 0.15 0.10 5 06/13/18 14:36 ug/l 1910105022W13D/Well 13 Disinfection Station Sampled: 06/04/18 10:55 by Allan Goldberg (wecklabs) Sample: 8F04002-02 (Water) MRL Units Dil Qualifier Analyte Result Analyzed 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 Sampled: 06/04/18 10:15 by Allan Goldberg (wecklabs) 8F04002-03 (Water) Analyte Result MRL Units Dil Qualifier Analyzed 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 1910105994/DSMRT for Well 15 Sample: Sampled: 06/04/18 11:15 by Allan Goldberg (wecklabs) 8F04002-04 (Water) Analyte Result MRL Units Dil Analyzed Oualifier Hexavalent Chromium by IC Method: EPA 218.6 Batch ID: W8F0745 Instr: LC13 Prepared: 06/13/18 10:39 Analyst: dil Chromium 6+ 06/13/18 15:59 0.14 0.10 ug/l 5 Sampled: 06/04/18 11:40 by Allan Goldberg (wecklabs) 1910105024W15D/Well 15 Disinfection Station Sample: 8F04002-05 (Water) MRL Units Dil Qualifier Analyte Result Analyzed Hexavalent Chromium by IC Method: EPA 218.6 Batch ID: W8F0745 Instr: LC13 Prepared: 06/13/18 10:39 Analyst: dil Chromium 6+ 06/13/18 16:10 0.14 0.10 ug/l 5 1910105991/DSMRT for MWD Sampled: 06/04/18 11:08 by Allan Goldberg (wecklabs) Sample: 8F04002-06 (Water) MRL Analyte Result 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 0.10 06/13/18 16:22 Chromium 6+ 0.26 ug/l 5

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		Proje	Project Manager: Charlene King							
Sa	ample Results						(0	Continued)		
Sample:	1910105992/DSMRT for Well 13				Sampled: 06/	04/18 10):40 by Allan Goldber	g (wecklabs)		
	8F04002-07 (Water)									
Analyte			Result	MRL	Units	Dil	Analyzed	Qualifier		
Hexavalent Cl	nromium by IC									
Method: EP/	A 218.6	Batch ID: W8F0745	Instr: LC13	Prepared:	06/13/18 10:39		Analyst: dil			
Chromiun	n 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 Goldber	g (wecklabs)		
	8F04002-08 (Water)									
Analyte			Result	MRL	Units	Dil	Analyzed	Qualifier		
Hexavalent Cl	nromium by IC									
Method: EP/	A 218.6	Batch ID: W8F0745	Instr: LC13	Prepared:	06/13/18 10:39		Analyst: dil			
Chromiun	n 6+			0.10	ug/l	5	06/13/18 16:46			



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Quality Control Results

Hexavalent Chromium	by IC
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				Spike	Source		%REC		RPD	
Analyte	Result	MRL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch: W8F0745 - EPA 218.6										
Blank (W8F0745-BLK1)				Prepared & Ar	nalyzed: 06/1	3/18				
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: 8F04	002-01		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: 8F04	002-01		Prepared & Ar	nalyzed: 06/1	3/18				
Chromium 6+	24.8	0.10	ug/l	25.0	0.150	98	88-112	2	10	



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Lakewood, CA 90712

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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.

14859 East Clark Avenue : Industry : CA 91745 rel 626-336-2139 \blacklozenge Fax 626-336-2634 \blacklozenge www.wecklabs.com LIENT NAME: PROJECT: Vater Replenishment District City of Paramount DDRESS: PHONE: 562-921-5521 040 Parmount Bivd FAX: akewood, Ca 90712 EMAIL: cking@wrd.c ROJECT MANAGEF SAMPLED harlene King Weck ID# DATE (For lab Use Only) SAMPLED SAMPLED SAMPLE SAMPLED SAMPLE SAMPLED SAMPLE SAMPLED SAMPLE SAMPLE SAMPLE SAMPLE SAMPLE SAMPL	.org	Since 1	964		NDARD	EQUESTED	}	SFULIW	_)f <u>1_</u>
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akewood, Ca 90712EMAIL: $cking@wrd.cColspan="2">Colspan="2">Colspan="2">Cking@wrd.cROJECT MANAGEFharlene KingSAMPLERWeckID#(For lab Use Only)DATESAMPLEDTIMESAMPLEDSMPLTYPESAMPLE IDENTIFICATION/SITSAMPLE IDENTIFICATION/SIT1910105020/EPTDS from1910105022W13D/Well 1Disinfection StationID#(For lab Use Only)DATESAMPLEDTIMESAMPLEDSMPLSMPLEDSAMPLETYPEID#(For lab Use Only)DATESAMPLEDTIMESAMPLEDSMPLTYPESAMPLE IDENTIFICATION/SITSAMPLEDID#(For lab Use Only)DATESAMPLEDTIMESAMPLEDSMPLSMPLEDSAMPLETYPEID#(For lab Use Only)DATESAMPLEDTIMESAMPLEDSMPLSAMPLEDSAMPLESAMPLEDID#(For lab Use Only)DATESAMPLEDTIMESAMPLEDSMPLSAMPLEDSAMPLESAMPLEDID#(For lab Use Only)DATESAMPLEDTIMESAMPLEDSAMPLESAMPLEDSAMPLESAMPLEDSAMPLESAMPLEDID#(For lab Use Only)DATESAMPLEDTIMESAMPLEDSAMPLESAMPLEDSAMPLESAMPLEDSAMPLESAMPLEDID#(For lab Use Only)DATESAMPLEDTIMESAMPLEDSAMPLESAMPLEDSAMPLESAMPLEDSAMPLESAMPLEDSAMPLEDSAMPLEDID#(For lab Use Only)DATESAMPLEDTIMESAMPLEDSAMPLESAMPLEDSAMPLEDSAMPLEDSAMPLEDSAMPLEDIDIDIDSAMPLED$									
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