

WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

Work Orders: 7A23048

Report Date: 2/07/2017

Received Date: 1/23/2017

Project: City of Paramount

Turnaround Time: Normal

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:

ELAP-CA #1132 • EPA-UCMR #CA00211 • LACSD #10143 • NJ-DEP #CA015 • NV-DEP #NAC 445A

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.

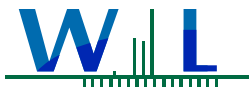
Dear Charlene King,

Enclosed are the results of analyses for samples received 1/23/17 with the Chain-of-Custody document. The samples were received in good condition, at 1.4 °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

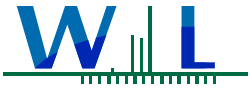
Reported:

02/07/2017 11:57

Project Manager: Charlene King

Sample Summary

Sample ID	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
1910105020/ EPTDS from MWD	Jim Gibbons	7A23048-01	Water	01/23/17 10:36	
1910105022W13D/ Well 13 Disinfection Station	Jim Gibbons	7A23048-02	Water	01/23/17 09:49	
1910105023W14D/ Well 14 Disinfection Station	Jim Gibbons	7A23048-03	Water	01/23/17 10:03	
1910105994/ DSMRT for Well 15	Jim Gibbons	7A23048-04	Water	01/23/17 10:57	
1910105024W15D/ Well 15 Disinfection Station	Jim Gibbons	7A23048-05	Water	01/23/17 10:47	
1910105991/ DSMRT for MWD	Jim Gibbons	7A23048-06	Water	01/23/17 11:01	
1910105992/ DSMRT for Well 13	Jim Gibbons	7A23048-07	Water	01/23/17 10:22	
1910105993/ DSMRT for Well 14	Jim Gibbons	7A23048-08	Water	01/23/17 10:13	



WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Certificate of Analysis

FINAL REPORT

Project Number: City of Paramount

Reported:

02/07/2017 11:57

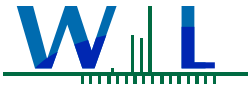
Project Manager: Charlene King

Sample Results

Sample: 1910105020/ EPTDS from MWD
7A23048-01 (Water)

Sampled: 01/23/17 10:36 by Jim Gibbons

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7B0133	Prepared: 02/02/17 06:07	Analyst: blg			
Chromium 6+	0.023	0.020	ug/l	1	02/02/17 07:00	



WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Certificate of Analysis

FINAL REPORT

Project Number: City of Paramount

Reported:

02/07/2017 11:57

Project Manager: Charlene King

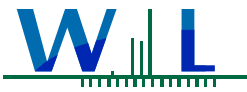
Sample Results

(Continued)

Sample: 1910105022W13D/ Well 13 Disinfection Station
7A23048-02 (Water)

Sampled: 01/23/17 9:49 by Jim Gibbons

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7B0133	Prepared: 02/02/17 06:07	Analyst: blg			
Chromium 6+	0.12	0.020	ug/l	1	02/02/17 07:00	



WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Certificate of Analysis

FINAL REPORT

Project Number: City of Paramount

Reported:

02/07/2017 11:57

Project Manager: Charlene King

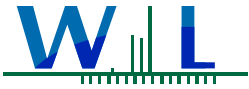
Sample Results

(Continued)

Sample: 1910105023W14D/ Well 14 Disinfection Station
7A23048-03 (Water)

Sampled: 01/23/17 10:03 by Jim Gibbons

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7B0133	Prepared: 02/02/17 06:07	Analyst: blg			
Chromium 6+	0.18	0.020	ug/l	1	02/02/17 07:00	



Certificate of Analysis

FINAL REPORT

WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
02/07/2017 11:57

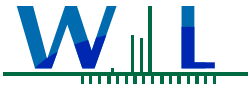
Sample Results

(Continued)

Sample: 1910105994/ DSMRT for Well 15
7A23048-04 (Water)

Sampled: 01/23/17 10:57 by Jim Gibbons

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7B0133	Prepared: 02/02/17 06:07	Analyst: blg			
Chromium 6+	0.021	0.020	ug/l	1	02/02/17 07:00	



Certificate of Analysis

FINAL REPORT

WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
02/07/2017 11:57

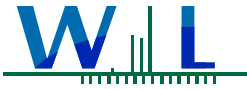
Sample Results

(Continued)

Sample: 1910105024W15D/ Well 15 Disinfection Station
7A23048-05 (Water)

Sampled: 01/23/17 10:47 by Jim Gibbons

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7B0133	Prepared: 02/02/17 06:07	Analyst: blg			
Chromium 6+	0.052	0.020	ug/l	1	02/02/17 07:00	



Certificate of Analysis

FINAL REPORT

WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
02/07/2017 11:57

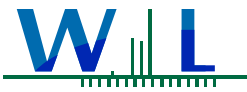
Sample Results

(Continued)

Sample: 1910105991/ DSMRT for MWD
7A23048-06 (Water)

Sampled: 01/23/17 11:01 by Jim Gibbons

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7B0133	Prepared: 02/02/17 06:07	Analyst: blg			
Chromium 6+	0.045	0.020	ug/l	1	02/02/17 07:00	



WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Certificate of Analysis

FINAL REPORT

Project Number: City of Paramount

Reported:

02/07/2017 11:57

Project Manager: Charlene King

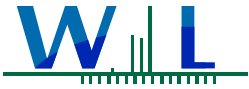
Sample Results

(Continued)

Sample: 1910105992/ DSMRT for Well 13
7A23048-07 (Water)

Sampled: 01/23/17 10:22 by Jim Gibbons

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7B0133	Prepared: 02/02/17 06:07	Analyst: blg			
Chromium 6+	0.11	0.020	ug/l	1	02/02/17 07:00	



Certificate of Analysis

FINAL REPORT

WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Project Number: City of Paramount

Project Manager: Charlene King

Reported:
02/07/2017 11:57

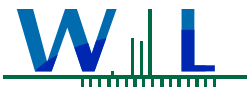
Sample Results

(Continued)

Sample: 1910105993/ DSMRT for Well 14
7A23048-08 (Water)

Sampled: 01/23/17 10:13 by Jim Gibbons

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Hexavalent Chromium by IC						
Method: EPA 218.6	Batch ID: W7B0133	Prepared: 02/02/17 06:07	Analyst: blg			
Chromium 6+	0.19	0.020	ug/l	1	02/02/17 07:00	



WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Certificate of Analysis

FINAL REPORT

Project Number: City of Paramount

Reported:

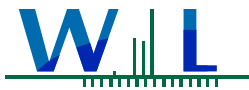
02/07/2017 11:57

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: W7B0133 - EPA 218.6										
Blank (W7B0133-BLK1) Prepared & Analyzed: 02/02/17										
Chromium 6+	ND	0.020	ug/l							
LCS (W7B0133-BS1) Prepared & Analyzed: 02/02/17										
Chromium 6+	5.35	0.020	ug/l	5.00		107	90-110			
Matrix Spike (W7B0133-MS1) Source: 7A20058-01 Prepared & Analyzed: 02/02/17										
Chromium 6+	4.86	0.020	ug/l	5.00	0.0197	97	88-112			
Matrix Spike (W7B0133-MS2) Source: 7A23048-01 Prepared & Analyzed: 02/02/17										
Chromium 6+	5.19	0.020	ug/l	5.00	0.0232	103	88-112			
Matrix Spike Dup (W7B0133-MSD1) Source: 7A20058-01 Prepared & Analyzed: 02/02/17										
Chromium 6+	4.80	0.020	ug/l	5.00	0.0197	96	88-112	1	10	
Matrix Spike Dup (W7B0133-MSD2) Source: 7A23048-01 Prepared & Analyzed: 02/02/17										
Chromium 6+	5.19	0.020	ug/l	5.00	0.0232	103	88-112	0.02	10	



WECK LABORATORIES, INC.

Water Replenishment District
4040 Paramount Blvd.
Lakewood, CA 90712

Certificate of Analysis

FINAL REPORT

Project Number: City of Paramount

Reported:

02/07/2017 11:57

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 MIS002.



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 **7A23048**

Page 1 Of 1

CLIENT NAME: PROJECT:

Water Replenishment District
ADDRESS:
4040 Paramount Blvd
Lakewood, Ca 90712

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

PROJECT MANAGER
Charlene King

SAMPLER
Weck *JWM*

ANALYSES REQUESTED

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
- OAVQC Data Package

Charges will apply for weekends/holidays

Method of Shipment:

COMMENTS

6
5
2
1
8
6

OF CONT.

SAMPLE IDENTIFICATION/SITE LOCATION

SMPL TYPE

TIME SAMPLED

DATE SAMPLED

ID#
(For Lab Use Only)

Fid Temp *68.60F*

Fid Temp *66.00F*

Fid Temp *65.80F*

Fid Temp *67.90F*

Fid Temp *67.90F*

Fid Temp *69.60F*

Fid Temp *67.50F*

Fid Temp *67.00F*

RELINQUISHED BY

G. Williams

DATE / TIME

1/23/17 12:37

RECEIVED BY

[Signature]

SAMPLE CONDITION:

Actual Temperature: *1.4*

Received On Ice

Preserved

Evidence Seals Present

Container Attacked

Preserved at Lab

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

Client agrees to Terms & Conditions at:

www.wecklabs.com