

Work Orders: 8G26056

Report Date: 10/30/2018

Project: CoSD SDR-MST Study Dry Weather

Received Date: 7/26/2018

Turnaround Time: 4 workdays

Phones: (760) 795-6984

Fax: (760) 931-1580

P.O. #: PO 0097545

Attn: Michelle Mattson

Billing Code:

Client: Weston Solutions, Inc. - Carlsbad
5817 Dryden Place, Suite 101
Carlsbad, CA 92008

Dear Michelle Mattson :

Enclosed are the results of analyses for samples received 7/26/2018 with the Chain-of-Custody document. The samples were received in good condition, at 4.3 °C and on ice. All analysis met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Case Narrative

SUPP Report generated to change sample ID per client request. BG 10/30/18

Sample Results

Sample: SDR-780
8G26056-01 (Water) Sampled: 07/26/18 9:15 by Reece Schweibold

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: Enterolert	Batch ID: W8H0031	Instr: Inst	Prepared: 07/26/18 17:08	Analyst: slh		
Enterococcus	550	1.0	MPN/100ml	1	07/27/18 17:08	
Method: SM 9221E	Batch ID: W8H0037	Instr: Inst	Prepared: 07/26/18 17:08	Analyst: slh		
Fecal Coliform	170	1.8	MPN/100ml	1	07/29/18 14:00	
Method: SM 9223B	Batch ID: W8H0031	Instr: Inst	Prepared: 07/26/18 17:08	Analyst: slh		
E. coli	100	1.0	MPN/100ml	1	07/27/18 17:08	

Sample: MS4-SDR-207
8G26056-02 (Water) Sampled: 07/26/18 9:55 by Reece Schweibold

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: Enterolert	Batch ID: W8H0031	Instr: Inst	Prepared: 07/26/18 17:08	Analyst: slh		
Enterococcus	2400	1.0	MPN/100ml	1	07/27/18 17:08	
Method: SM 9221E	Batch ID: W8H0037	Instr: Inst	Prepared: 07/26/18 17:08	Analyst: slh		
Fecal Coliform	17000	1.8	MPN/100ml	1	07/29/18 14:00	
Method: SM 9223B	Batch ID: W8H0031	Instr: Inst	Prepared: 07/26/18 17:08	Analyst: slh		
E. coli	130	1.0	MPN/100ml	1	07/27/18 17:08	



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Certificate of Analysis

FINAL REPORT

Sample Results

(Continued)

Sample: MS4-SDR-098

Sampled: 07/26/18 10:20 by Reece Schweibold

8G26056-03 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: Enterolert	Batch ID: W8H0031	Instr: Inst	Prepared: 07/26/18 17:08		Analyst: slh	
Enterococcus	>2,419.6	1.0	MPN/100ml	1	07/27/18 17:08	
Method: SM 9221E	Batch ID: W8H0037	Instr: Inst	Prepared: 07/26/18 17:08		Analyst: slh	
Fecal Coliform	1700	1.8	MPN/100ml	1	07/29/18 14:00	
Method: SM 9223B	Batch ID: W8H0031	Instr: Inst	Prepared: 07/26/18 17:08		Analyst: slh	
E. coli	770	1.0	MPN/100ml	1	07/27/18 17:08	

Notes and Definitions

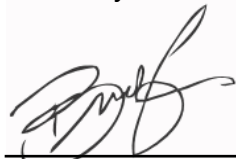
Item	Definition
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample 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.

Certified Analyses Summary

Analyte	CAS #	Not Accredited By	Accredited By
Enterolert in Water Enterococcus		NELAP	
SM 9221E in Water Fecal Coliform		NELAP	
SM 9223B in Water E. coli		NELAP	

Reviewed by:



Brandon Gee For Kim G. Tu
Project Manager



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 • 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.