

ZALCO LABORATORIES, INC.

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

July 23, 2013

Russell Emerson
Valley Water Management Company
7500 Meany Avenue
Bakersfield, CA 93308

TEL: (661) 978-0982
FAX: (661) 410-7500

Project ID:
RE: 1307211

Dear Russell Emerson:

Zalco Laboratories, Inc. received 1 samples on 7/18/2013 for the analyses presented in the following report.

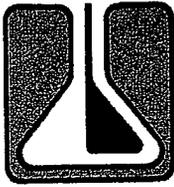
We appreciate your business and look forward to serving you in the future. Please feel free to call our office if you have any questions regarding these test results.

Sincerely,

Juan Magana
Project Manager
CC:

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level * See Case Narrative
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C. Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.

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General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch Z307319 - No Prep - Bench Chem										
Blank (Z307319-BLK1) Prepared & Analyzed: 07/18/201										
Electrical Conductivity	ND	0.010	mmhos/cm							
Duplicate (Z307319-DUP1) Source: 1307207-10 Prepared & Analyzed: 07/18/201										
Electrical Conductivity	2.1	0.010	mmhos/cm		2.1			0.00	15	
Duplicate (Z307319-DUP2) Source: 1307219-01 Prepared & Analyzed: 07/18/201										
Electrical Conductivity	1.2	0.010	mmhos/cm		1.2			0.0865	15	
Reference (Z307319-SRM1) Prepared & Analyzed: 07/18/201										
Electrical Conductivity	1.4		mmhos/cm	1.4120		98.1	0-200			
Reference (Z307319-SRM2) Prepared & Analyzed: 07/18/201										
Electrical Conductivity	13		mmhos/cm	12.900		99.8	0-200			
Batch Z307375 - No Prep - Instrument Chem										
Blank (Z307375-BLK1) Prepared & Analyzed: 07/22/201										
Chloride	ND	2.0	mg/L							
LCS (Z307375-BS1) Prepared & Analyzed: 07/22/201										
Chloride	3.1	2.0	mg/L	3.0400		103	90-110			
LCS Dup (Z307375-BSD1) Prepared & Analyzed: 07/22/201										
Chloride	2.9	2.0	mg/L	3.0400		96.7	90-110	6.62	20	
Reference (Z307375-SRM1) Prepared & Analyzed: 07/22/201										
Chloride	5.9	2.0	mg/L	6.0800		97.6	80-120			
Reference (Z307375-SRM2) Prepared & Analyzed: 07/22/201										
Chloride	25		mg/L	25.000		102	80-120			

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level : See Case Narrative
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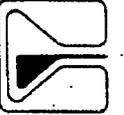
(661) 395-0539
FAX (661) 395-3069

QUALITY CONTROL
Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch Z307382 - MEPR-L										
Blank (Z307382-BLK1) Prepared & Analyzed: 07/23/201										
Boron	ND	0.10	mg/L							
LCS (Z307382-BS1) Prepared & Analyzed: 07/23/201										
Boron	1.0	0.10	mg/L	1.0000		103	80-120			
Duplicate (Z307382-DUP1) Source: 1307211-01 Prepared & Analyzed: 07/23/201										
Boron	15	0.10	mg/L		14			6.35	20	

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTL: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level * See Case Narrative
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Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.



ZALCO LABORATORIES, INC.
 4309 Armour Avenue, Bakerfield, CA 93308 (661) 395-0539 FAX (661) 395-3069 www.zalcolabs.co
 2186 Eastman Avenue, Suite 103, Ventura, CA 93003 (805) 477-0114 Fax (805) 477-0125

CHAIN OF CUSTODY, ID#

1301211

RUSH

Page 1 of 1
 Zalco Lab # 1301211
 Client PO # _____

REPORT INFO

INVOICE INFO

ANALYSIS

QUOTE ID:

COMMENTS:

Turnaround Time 5 working days

Rush By _____ working days

Send Copy to State of CA? Yes No

Attention To: _____

Send Copy to County? Yes No

County _____

TEMPERATURE (C)

OF CONTAINERS X P.C. Chlorides, Boron

EMPLOYED BY:

SAMPLED BY: K Emerson
 Email: emerson@valwater.com

Address: Valley Water Management
 City, State, Zip: Bakerfield, CA 93302

Address: _____
 City, State, Zip: _____

Phone: 978-0982

Phone: _____

Phone: _____

Results

Results

Results

Sample No. 1

Sample Description Produced Water TIC-Plant

Date Time 7-18-13 10:25 AM

Top of In Subbed Printer
 Scanned Short Hold Time

RELINQUISHED BY: Signature

PRINT

COMPANY

Date Time

RECEIVED BY: Signature

PRINT

Russell Emerson

Russell Emerson

Valley Water

7/18/13 10:30 AM

Russell Emerson

RS

NOTE: Samples are discarded 30 days after results unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client's expense.

*Sample Type Key: AQ-Aqueous; BS-Biosolid; DW-Drinking Water; GW-Ground Water; G-Gas; LP-Liquid Petroleum Gas; OL-Oil; O-Other; P-Petroleum; S-Soil/Solid; ST-Storm Water; WW-Wastewater
 *Sample No.: FOR OFFICE USE ONLY