



A3A1997

02/12/2013

Invoice
A303594

Calvin Yang
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

Dear Calvin Yang,

Thank you for selecting BSK Associates for your analytical testing needs. We have prepared this report in response to your request for analytical services. Enclosed are the results of analyses for samples received by the laboratory on 01/25/2013 09:00.

If additional clarification of any information is required, please contact your Client Services Representative, PM Staff at (800) 877-8310 or (559) 497-2888.

BSK ASSOCIATES

Stephane Maupas For PM Staff
Project Manager

Case Narrative

Work Order Information

Client Name: Central Valley Regional Water Quality Control Board	Submitted by: Calvin Yang
Client Code: centr4730	Shipped by: ONTRAC
Work Order: A3A1997	COC Number:
Project: Evaluation of MUN Ag Drains	TAT: 10
	PO #:

Sample Receipt Conditions

Cooler: Cooler #2	Temp. °C: 0.2
Containers Intact	
COC/Labels Agree	
Received On Wet Ice	
Packing Material - Bubble Wrap	
Packing Material - Foam	
Sample(s) were received in temperature range.	
Initial receipt at BSK-SAC	

Cooler: Cooler #3	Temp. °C: 0.1
Containers Intact	
COC/Labels Agree	
Received On Wet Ice	
Packing Material - Bubble Wrap	
Packing Material - Foam	
Sample(s) were received in temperature range.	
Initial receipt at BSK-SAC	

Cooler: Default Cooler	Temp. °C: 0.3
Containers Intact	
COC/Labels Agree	
Received On Wet Ice	
Packing Material - Bubble Wrap	
Packing Material - Foam	
Sample(s) were received in temperature range.	
Initial receipt at BSK-SAC	



Certificate of Analysis

Calvin Yang
 Central Valley Regional Water Quality Control Board
 11020 Sun Center Drive, Suite 200
 Rancho Cordova, CA 95670

Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-01
Sample Date: 12/26/2012 07:40
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-10

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	130	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	23	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	120	0.41	mg/L					
Magnesium	EPA 200.7	16	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	33	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-02
Sample Date: 12/26/2012 07:53
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-11

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	150	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	26	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	150	0.41	mg/L					
Magnesium	EPA 200.7	19	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	48	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-03
Sample Date: 12/26/2012 08:15
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-12

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	380	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	18	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	89	0.41	mg/L					
Magnesium	EPA 200.7	11	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	130	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-04
Sample Date: 12/26/2012 08:33
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-13

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	290	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	25	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	140	0.41	mg/L					
Magnesium	EPA 200.7	19	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	110	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-05
Sample Date: 12/26/2012 08:39
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-14

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	210	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	24	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	140	0.41	mg/L					
Magnesium	EPA 200.7	19	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	80	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-06
Sample Date: 12/26/2012 08:48
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-15

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	260	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	23	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	130	0.41	mg/L					
Magnesium	EPA 200.7	18	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	98	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Time: 09:00

Lab Sample ID: A3A1997-07
Sample Date: 12/26/2012 09:02
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-16

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	130	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	23	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	130	0.41	mg/L					
Magnesium	EPA 200.7	17	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	38	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Time: 09:00

Lab Sample ID: A3A1997-08
Sample Date: 12/26/2012 09:12
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-17

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	140	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	24	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	130	0.41	mg/L					
Magnesium	EPA 200.7	17	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	39	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Time: 09:00

Lab Sample ID: A3A1997-09
Sample Date: 12/26/2012 10:25
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-18

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	130	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	24	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	130	0.41	mg/L					
Magnesium	EPA 200.7	17	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	35	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Time: 09:00

Lab Sample ID: A3A1997-10
Sample Date: 12/26/2012 05:30
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-19

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	ND	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	ND	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	ND	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	ND	0.41	mg/L					
Magnesium	EPA 200.7	ND	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	ND	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Time: 09:00

Lab Sample ID: A3A1997-11
Sample Date: 12/26/2012 11:13
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-20

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	100	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	23	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	110	0.41	mg/L					
Magnesium	EPA 200.7	14	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	26	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Time: 09:00

Lab Sample ID: A3A1997-12
Sample Date: 12/26/2012 11:24
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-21

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	160	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	15	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	93	0.41	mg/L					
Magnesium	EPA 200.7	13	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	41	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Time: 09:00

Lab Sample ID: A3A1997-13
Sample Date: 12/26/2012 12:04
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-22

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	88	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	23	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	140	0.41	mg/L					
Magnesium	EPA 200.7	20	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	15	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-14
Sample Date: 12/26/2012 12:15
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-23

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	69	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	23	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	130	0.41	mg/L					
Magnesium	EPA 200.7	18	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	11	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-15
Sample Date: 12/26/2012 12:30
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-24

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	120	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	15	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	99	0.41	mg/L					
Magnesium	EPA 200.7	15	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	25	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
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Received Time: 09:00

Lab Sample ID: A3A1997-16
Sample Date: 12/26/2012 12:49
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-25

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	100	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	15	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	95	0.41	mg/L					
Magnesium	EPA 200.7	14	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	21	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-17
Sample Date: 12/26/2012 12:58
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-26

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	120	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	16	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	98	0.41	mg/L					
Magnesium	EPA 200.7	14	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	26	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-18
Sample Date: 12/26/2012 13:14
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-27

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	250	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	31	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	180	0.41	mg/L					
Magnesium	EPA 200.7	26	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	83	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Time: 09:00

Lab Sample ID: A3A1997-19
Sample Date: 12/26/2012 11:13
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: CCY121226-28

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Boron	EPA 200.8	100	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	22	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	110	0.41	mg/L					
Magnesium	EPA 200.7	13	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	25	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Time: 09:00

Lab Sample ID: A3A1997-20
Sample Date: 12/27/2012 08:12
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-30

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	0.61	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	17	10	ug/L	1	A301097	01/30/13	02/06/13	
Calcium	EPA 200.7	8.4	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Hardness as CaCO3	SM 2340B	40	0.41	mg/L					
Magnesium	EPA 200.7	4.6	0.10	mg/L	1	A301097	01/30/13	02/02/13	
Sodium	EPA 200.7	3.0	1.0	mg/L	1	A301097	01/30/13	02/02/13	



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Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-21
Sample Date: 12/27/2012 08:57
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-31

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	2.4	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	24	10	ug/L	1	A301153	01/31/13	02/06/13	
Calcium	EPA 200.7	16	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	87	0.41	mg/L					
Magnesium	EPA 200.7	11	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	8.3	1.0	mg/L	1	A301153	01/31/13	02/02/13	



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Lab Sample ID: A3A1997-22
Sample Date: 12/27/2012 09:09
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-32

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	3.6	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	87	10	ug/L	1	A301153	01/31/13	02/06/13	
Calcium	EPA 200.7	44	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	250	0.41	mg/L					
Magnesium	EPA 200.7	34	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	35	1.0	mg/L	1	A301153	01/31/13	02/02/13	



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Received Time: 09:00

Lab Sample ID: A3A1997-23
Sample Date: 12/27/2012 09:19
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-33

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	2.7	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	36	10	ug/L	1	A301153	01/31/13	02/06/13	
Calcium	EPA 200.7	22	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	120	0.41	mg/L					
Magnesium	EPA 200.7	16	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	14	1.0	mg/L	1	A301153	01/31/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-24
Sample Date: 12/27/2012 10:01
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-34

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	1.6	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	14	10	ug/L	1	A301153	01/31/13	02/07/13	
Calcium	EPA 200.7	9.3	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	45	0.41	mg/L					
Magnesium	EPA 200.7	5.3	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	4.9	1.0	mg/L	1	A301153	01/31/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-25
Sample Date: 12/27/2012 10:26
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-35

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	4.0	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	27	10	ug/L	1	A301153	01/31/13	02/07/13	
Calcium	EPA 200.7	20	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	110	0.41	mg/L					
Magnesium	EPA 200.7	15	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	10	1.0	mg/L	1	A301153	01/31/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-26
Sample Date: 12/27/2012 12:37
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-36

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	1.9	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	25	10	ug/L	1	A301153	01/31/13	02/07/13	
Calcium	EPA 200.7	10	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	52	0.41	mg/L					
Magnesium	EPA 200.7	6.4	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	6.7	1.0	mg/L	1	A301153	01/31/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-27
Sample Date: 12/27/2012 11:22
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-37

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	12	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	110	10	ug/L	1	A301153	01/31/13	02/07/13	
Calcium	EPA 200.7	37	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	230	0.41	mg/L					
Magnesium	EPA 200.7	34	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	51	1.0	mg/L	1	A301153	01/31/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-28
Sample Date: 12/27/2012 11:34
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-38

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	8.1	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	84	10	ug/L	1	A301153	01/31/13	02/07/13	
Calcium	EPA 200.7	44	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	260	0.41	mg/L					
Magnesium	EPA 200.7	37	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	38	1.0	mg/L	1	A301153	01/31/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-29
Sample Date: 12/27/2012 11:44
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-39

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	3.8	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	51	10	ug/L	1	A301153	01/31/13	02/07/13	
Calcium	EPA 200.7	51	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	290	0.41	mg/L					
Magnesium	EPA 200.7	40	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	26	1.0	mg/L	1	A301153	01/31/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-30
Sample Date: 12/27/2012 14:07
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-40

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	2.2	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	26	10	ug/L	1	A301153	01/31/13	02/07/13	
Calcium	EPA 200.7	11	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	57	0.41	mg/L					
Magnesium	EPA 200.7	7.1	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	7.0	1.0	mg/L	1	A301153	01/31/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-31
Sample Date: 12/27/2012 14:29
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-41

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	5.3	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	29	10	ug/L	1	A301153	01/31/13	02/07/13	
Calcium	EPA 200.7	19	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	110	0.41	mg/L					
Magnesium	EPA 200.7	14	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	9.0	1.0	mg/L	1	A301153	01/31/13	02/02/13	



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Report Issue Date: 02/12/2013 9:41
Received Date: 01/25/2013
Received Time: 09:00

Lab Sample ID: A3A1997-32
Sample Date: 12/27/2012 14:42
Sample Type: Grab

Sampled by: Calvin Yang
Matrix: Water

Sample Description: AWL121227-42

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
*Arsenic	EPA 200.8 DRC	4.5	0.10	ug/L	1	A301158	01/31/13	02/08/13	
*Boron	EPA 200.8	29	10	ug/L	1	A301153	01/31/13	02/07/13	
Calcium	EPA 200.7	16	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Hardness as CaCO3	SM 2340B	89	0.41	mg/L					
Magnesium	EPA 200.7	12	0.10	mg/L	1	A301153	01/31/13	02/02/13	
Sodium	EPA 200.7	8.3	1.0	mg/L	1	A301153	01/31/13	02/02/13	



Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Date Analyzed	Qual
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Batch: A301097

Analyst: NRE

Prepared: 01/30/2013

Blank (A301097-BLK1) EPA 200.7 - Quality Control

Calcium	ND	0.10	mg/L							02/02/13	
Magnesium	ND	0.10	mg/L							02/02/13	
Sodium	ND	1.0	mg/L							02/02/13	

Blank Spike (A301097-BS1) EPA 200.7 - Quality Control

Calcium	10	0.10	mg/L	10		100	85-115			02/02/13	
Magnesium	9.8	0.10	mg/L	10		98	85-115			02/02/13	
Sodium	9.9	1.0	mg/L	10		99	85-115			02/02/13	

Blank Spike Dup (A301097-BSD1) EPA 200.7 - Quality Control

Calcium	9.9	0.10	mg/L	10		99	85-115	1	20	02/02/13	
Magnesium	9.7	0.10	mg/L	10		97	85-115	1	20	02/02/13	
Sodium	9.8	1.0	mg/L	10		98	85-115	1	20	02/02/13	

Matrix Spike (A301097-MS1) EPA 200.7 - Quality Control

Source: A3A1997-01

Calcium	33	0.10	mg/L	10	23	102	70-130			02/02/13	
Magnesium	26	0.10	mg/L	10	16	99	70-130			02/02/13	
Sodium	43	1.0	mg/L	10	33	99	70-130			02/02/13	

Matrix Spike (A301097-MS2) EPA 200.7 - Quality Control

Source: A3A1997-11

Calcium	33	0.10	mg/L	10	23	97	70-130			02/02/13	
Magnesium	23	0.10	mg/L	10	14	97	70-130			02/02/13	
Sodium	35	1.0	mg/L	10	26	93	70-130			02/02/13	

Matrix Spike Dup (A301097-MSD1) EPA 200.7 - Quality Control

Source: A3A1997-01

Calcium	32	0.10	mg/L	10	23	95	70-130	2	20	02/02/13	
Magnesium	26	0.10	mg/L	10	16	94	70-130	2	20	02/02/13	
Sodium	42	1.0	mg/L	10	33	88	70-130	2	20	02/02/13	

Matrix Spike Dup (A301097-MSD2) EPA 200.7 - Quality Control

Source: A3A1997-11

Calcium	32	0.10	mg/L	10	23	88	70-130	3	20	02/02/13	
Magnesium	23	0.10	mg/L	10	14	92	70-130	2	20	02/02/13	
Sodium	34	1.0	mg/L	10	26	85	70-130	2	20	02/02/13	

Blank (A301097-BLK1) EPA 200.8 - Quality Control

Boron	ND	10	ug/L							02/06/13	
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Blank Spike (A301097-BS1) EPA 200.8 - Quality Control

Boron	610	10	ug/L	600		102	85-115			02/06/13	
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Blank Spike Dup (A301097-BSD1) EPA 200.8 - Quality Control

Boron	630	10	ug/L	600		106	85-115	4	20	02/06/13	
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Matrix Spike (A301097-MS1) EPA 200.8 - Quality Control

Source: A3A1997-01

Boron	690	10	ug/L	600	130	94	70-130			02/06/13	
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Matrix Spike (A301097-MS2) EPA 200.8 - Quality Control

Source: A3A1997-11

Boron	720	10	ug/L	600	100	103	70-130			02/06/13	
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A3A1997 FINAL 02122013 0941



Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Date Analyzed	Qual
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Batch: A301097

Analyst: MAS

Prepared: 01/30/2013

Matrix Spike Dup (A301097-MSD1) EPA 200.8 - Quality Control

Source: A3A1997-01

Boron	690	10	ug/L	600	130	93	70-130	1	20	02/06/13
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Matrix Spike Dup (A301097-MSD2) EPA 200.8 - Quality Control

Source: A3A1997-11

Boron	700	10	ug/L	600	100	99	70-130	3	20	02/06/13
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Batch: A301153

Analyst: NRE

Prepared: 01/31/2013

Blank (A301153-BLK2) EPA 200.7 - Quality Control

Calcium	ND	0.10	mg/L							02/02/13
Magnesium	ND	0.10	mg/L							02/02/13
Sodium	ND	1.0	mg/L							02/02/13

Blank Spike (A301153-BS2) EPA 200.7 - Quality Control

Calcium	9.7	0.10	mg/L	10		97	85-115			02/02/13
Magnesium	9.5	0.10	mg/L	10		95	85-115			02/02/13
Sodium	9.5	1.0	mg/L	10		95	85-115			02/02/13

Blank Spike Dup (A301153-BSD2) EPA 200.7 - Quality Control

Calcium	9.7	0.10	mg/L	10		97	85-115	0	20	02/02/13
Magnesium	9.4	0.10	mg/L	10		94	85-115	1	20	02/02/13
Sodium	9.5	1.0	mg/L	10		95	85-115	0	20	02/02/13

Matrix Spike (A301153-MS3) EPA 200.7 - Quality Control

Source: A3A1997-21

Calcium	26	0.10	mg/L	10	16	100	70-130			02/02/13
Magnesium	21	0.10	mg/L	10	11	100	70-130			02/02/13
Sodium	18	1.0	mg/L	10	8.3	96	70-130			02/02/13

Matrix Spike (A301153-MS4) EPA 200.7 - Quality Control

Source: A3A1997-31

Calcium	29	0.10	mg/L	10	19	97	70-130			02/02/13
Magnesium	24	0.10	mg/L	10	14	97	70-130			02/02/13
Sodium	18	1.0	mg/L	10	9.0	95	70-130			02/02/13

Matrix Spike Dup (A301153-MSD3) EPA 200.7 - Quality Control

Source: A3A1997-21

Calcium	26	0.10	mg/L	10	16	95	70-130	2	20	02/02/13
Magnesium	21	0.10	mg/L	10	11	94	70-130	3	20	02/02/13
Sodium	18	1.0	mg/L	10	8.3	93	70-130	2	20	02/02/13

Matrix Spike Dup (A301153-MSD4) EPA 200.7 - Quality Control

Source: A3A1997-31

Calcium	29	0.10	mg/L	10	19	100	70-130	1	20	02/02/13
Magnesium	24	0.10	mg/L	10	14	99	70-130	1	20	02/02/13
Sodium	19	1.0	mg/L	10	9.0	97	70-130	1	20	02/02/13

Blank (A301153-BLK1) EPA 200.8 - Quality Control

Boron	ND	10	ug/L							02/06/13
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Blank Spike (A301153-BS1) EPA 200.8 - Quality Control

Boron	630	10	ug/L	600		106	85-115			02/06/13
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A3A1997 FINAL 02122013 0941

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Environmental Engineering | Geotechnical Engineering | Materials Testing



Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	Limits	RPD	Limit	Date Analyzed	Qual
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Batch: A301153

Analyst: MAS

Prepared: 01/31/2013

Blank Spike Dup (A301153-BSD1) EPA 200.8 - Quality Control

Boron	640	10	ug/L	600		106	85-115	0	20	02/06/13	
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Matrix Spike (A301153-MS1) EPA 200.8 - Quality Control

Source: A3A1997-21

Boron	660	10	ug/L	600	24	105	70-130			02/06/13	
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Matrix Spike (A301153-MS2) EPA 200.8 - Quality Control

Source: A3A1997-31

Boron	610	10	ug/L	600	29	97	70-130			02/07/13	
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Matrix Spike Dup (A301153-MSD1) EPA 200.8 - Quality Control

Source: A3A1997-21

Boron	640	10	ug/L	600	24	103	70-130	2	20	02/06/13	
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Matrix Spike Dup (A301153-MSD2) EPA 200.8 - Quality Control

Source: A3A1997-31

Boron	630	10	ug/L	600	29	100	70-130	3	20	02/07/13	
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Batch: A301158

Analyst: PSK

Prepared: 01/31/2013

Blank (A301158-BLK1) EPA 200.8 DRC - Quality Control

Arsenic	ND	0.10	ug/L							02/08/13	
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Blank Spike (A301158-BS1) EPA 200.8 DRC - Quality Control

Arsenic	47	0.10	ug/L	50		95	85-115			02/08/13	
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Blank Spike Dup (A301158-BSD1) EPA 200.8 DRC - Quality Control

Arsenic	48	0.10	ug/L	50		96	85-115	2	20	02/08/13	
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Matrix Spike (A301158-MS1) EPA 200.8 DRC - Quality Control

Source: A3A1997-10

Arsenic	48	0.10	ug/L	50	ND	96	70-130			02/08/13	
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Matrix Spike (A301158-MS2) EPA 200.8 DRC - Quality Control

Source: A3A1997-29

Arsenic	54	0.10	ug/L	50	3.8	101	70-130			02/08/13	
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Matrix Spike Dup (A301158-MSD1) EPA 200.8 DRC - Quality Control

Source: A3A1997-10

Arsenic	49	0.10	ug/L	50	ND	98	70-130	2	20	02/08/13	
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Matrix Spike Dup (A301158-MSD2) EPA 200.8 DRC - Quality Control

Source: A3A1997-29

Arsenic	55	0.10	ug/L	50	3.8	102	70-130	1	20	02/08/13	
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Certificate of Analysis

02/12/2013

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- Sample(s) received, prepared, and analyzed within the method specified criteria unless otherwise noted within this report.
- The results relate only to the samples analyzed in accordance with test(s) requested by the client on the Chain of Custody document. Any analytical quality control exceptions to method criteria that are to be considered when evaluating these results have been flagged and are defined in the data qualifiers section.
- All results are expressed on wet weight basis unless otherwise specified.
- All positive results for EPA Methods 504.1, 502.2, and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Results contained in this analytical report must be reproduced in its entirety.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- BSK Analytical Laboratories certifies that the test results contained in this report meet all requirements of the NELAC Standards for applicable certified drinking water chemistry analyses unless qualified or noted in the Case Narrative.
- Analytical data contained in this report may be used for regulatory purposes to meet the requirements of the Federal or State drinking water, wastewater, and hazardous waste programs.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- * - This is not a NELAP accredited analyte.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- (2) The digestion used to produce this result deviated from EPA 200.2 by excluding hydrochloric acid in order to produce acceptable recoveries for affected metals.
- (2C) Result reported from secondary analytical column.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.

Certifications:

State of California - CDPH - ELAP	1180
State of California - CDPH - SAC ELAP	2435
State of California - CDPH - NELAP	04227CA
State of Nevada - NDEP	CA000792009A
State of Hawaii - DOH	04227CA

Please refer to our website for a copy of our Accredited Fields of Testing for each certification.

Definitions and Flags for Data Qualifiers

mg/L:	Milligrams/Liter (ppm)	M:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)		:DL x Dilution	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	ND:	None Detected at RL	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	pCi/L:	Picocuries per Liter	Present:	1 or more CFU/100mLs
		NR:	Non-Reportable	RL Mult:	RL Multiplier

A3A1997



Central Valley Regional Water Quality Control Board

centr4730

01252013



Turnaround: Standard
Due Date: 02/08/2013



STATE OF CALIFORNIA - ENVIRONMENTAL PROTECTION AGENCY
 REGIONAL WATER QUALITY CONTROL BOARD
 CENTRAL VALLEY REGION
 1095 E STREET, FRESNO, CA 93706-2320
 PHONE (559) 445-5116 • FAX (559) 445-5910

03,02,0.1
 1-123-555

CHAIN OF CUSTODY

A3A1997
 cent4730



01/25/2011
 10

PROGRAM SAMPLE ID (Signature)	PCA	PROJECT NAME Evaluation of MFLV Stations	PRINT NAME Cahlin Yang	CONTAINER	NO.	WATER	MATRIX		COMPOSITE	GRAB	PRESERVATIVES	Hardness, Total. B. Na	Total Arsenic	ANALYSIS REQUIRED	Field Cords	Lab No.
							WASTE WATER	SOLID SLUDGES								
1	CCY121226-10	12/26/2012	6:14:0	Plastic		X				X	HNO ₃	X				
2	CCY121226-11	12/26/2012	6:17:43	Plastic		X				X	HNO ₃	X				
3	CCY121226-12	12/26/2012	6:18:45	Plastic			X			X	HNO ₃	X				
4	CCY121226-13	12/26/2012	6:18:53	Plastic		X				X	HNO ₃	X				
5	CCY121226-14	12/26/2012	6:18:59	Plastic		X				X	HNO ₃	X				
6	CCY121226-15	12/26/2012	6:18:58	Plastic		X				X	HNO ₃	X				
7	CCY121226-16	12/26/2012	6:19:02	Plastic		X				X	HNO ₃	X				
8	CCY121226-17	12/26/2012	6:19:12	Plastic		X				X	HNO ₃	X				
9	CCY121226-18	12/26/2012	6:19:25	Plastic		X				X	HNO ₃	X				
10	CCY121226-19	12/26/2012	6:19:30	Plastic		X				X	HNO ₃	X	X			
11	CCY121226-20	12/26/2012	6:19:33	Plastic		X				X	HNO ₃	X				
12	CCY121226-21	12/26/2012	6:19:44	Plastic		X				X	HNO ₃	X				
13	CCY121226-22	12/26/2012	6:19:44	Plastic		X				X	HNO ₃	X				
14	CCY121226-23	12/26/2012	6:19:45	Plastic		X				X	HNO ₃	X				
15	CCY121226-24	12/26/2012	6:19:50	Plastic		X				X	HNO ₃	X				
16	CCY121226-25	12/26/2012	6:19:44	Plastic		X				X	HNO ₃	X				
17	CCY121226-26	12/26/2012	6:19:58	Plastic		X				X	HNO ₃	X				
18	CCY121226-27	12/26/2012	6:21:14	Plastic		X		X		X	HNO ₃	X				
19	CCY121226-28	12/26/2012	6:21:13	Plastic		X				X	HNO ₃	X				
20	AWL121227-30	12/27/2012	6:51:42	Plastic		X				X	HNO ₃	X				
21	AWL121227-31	12/27/2012	6:55:27	Plastic		X				X	HNO ₃	X				
22	AWL121227-32	12/27/2012	6:56:01	Plastic		X		X		X	HNO ₃	X				
23	AWL121227-33	12/27/2012	6:56:14	Plastic		X				X	HNO ₃	X				
24	AWL121227-34	12/27/2012	6:56:14	Plastic		X				X	HNO ₃	X				
25	AWL121227-35	12/27/2012	6:56:14	Plastic		X				X	HNO ₃	X				
26	AWL121227-36	12/27/2012	6:56:14	Plastic		X				X	HNO ₃	X				
27	AWL121227-37	12/27/2012	6:56:14	Plastic		X		X		X	HNO ₃	X				
28	AWL121227-38	12/27/2012	6:56:14	Plastic		X				X	HNO ₃	X				
29	AWL121227-39	12/27/2012	6:56:14	Plastic		X				X	HNO ₃	X				
30	AWL121227-40	12/27/2012	6:56:14	Plastic		X				X	HNO ₃	X				
31	AWL121227-41	12/27/2012	6:56:14	Plastic		X				X	HNO ₃	X				
32	AWL121227-42	12/27/2012	6:56:14	Plastic		X				X	HNO ₃	X				

Relinquished By: W. Yang 12/26/12 1700
 CCNY 12/27/12 1700
 Relinquished By: W. Yang 1/24/13 1440

Received By: Ag Lab 12/26/12 1700
 Ag Lab 12/27/12 1700
 Received By: Mark Saccada 1/24/13 1440
 Mark Saccada & BSK-F
 1/25/13 @ 9:00

Bwf, wet, CAO - SAC

Sample Integrity



BSK Bottles: ~~Yes~~ **No** Page 1 of 1

COC Info	Was temperature within range? Chemistry $\leq 6^{\circ}\text{C}$ Micro $< 10^{\circ}\text{C}$		<input checked="" type="radio"/> Yes No NA		Were correct containers and preservatives received for the tests requested?		<input checked="" type="radio"/> Yes No NA	
	If samples were taken today, is there evidence that chilling has begun?		Yes No <input checked="" type="radio"/> NA		Were there bubbles in the VOA vials? (Volatiles Only)		Yes No <input checked="" type="radio"/> NA	
Did all bottles arrive unbroken and intact?		Yes No		Was a sufficient amount of sample received?		Yes No		
Did all bottle labels agree with COC?		Yes No		Do samples have a hold time <72 hours?		Yes <input checked="" type="radio"/> No		
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?		Yes No <input checked="" type="radio"/> NA		Was PM notified of discrepancies? PM: _____ By/Time: _____		Yes No <input checked="" type="radio"/> NA		
Bottles Received "—" means preservation/chlorine checks are either N/A or are performed in the lab	250ml(A) 500ml(B) 1Liter(C) 40ml VOA(V)	Checks	Passed?	1-32				
	Bacti $\text{Na}_2\text{S}_2\text{O}_3$	—	—					
	None (P) ^{White Cap}	—	—					
	Cr6 Buffer (P) ^{Blue Cap}	pH 9-9.5	Y N					
	HNO_3 (P) ^{Red Cap}	—	—	10				
	H_2SO_4 (P) ^{Yellow Cap}	pH ≤ 2	Y N					
	NaOH (P) ^{Green Cap}	Cl, pH ≥ 12	Y N					
	NaOH + ZnAc (P)	pH ≥ 9	Y N					
	Dissolved Oxygen 300ml (g)	—	—					
	None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—					
	H_2SO_4 (AG) ^{Yellow Label} O&G, Diesel	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3$ 1 Liter (Brown P) 549	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3$ (AG) ^{Blue Label} 547, 515, 525, 548	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3$ (AG) ^{Blue Label} THMs 524.2 or 524.3	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3$ (CG) ^{Blue Label} 504, 505	—	—					
	$\text{Na}_2\text{S}_2\text{O}_3$ + MCAA (CG) ^{Orange Label} 531	pH = 3	Y N					1/25/13
	NH_4Cl (AG) ^{Purple Label} 552	—	—					
	EDA (AG) ^{Brown Label} DBPs	—	—					
	Ascorbic + Maleic (AG) ^{LT Green Label} 524.3	—	—					
	HCL (CG) 524.2, BTEX Gas, MTBE, 8250/624	—	—					
	Buffer pH 4 (CG)	—	—					
	None (CG)	—	—					
	H_3PO_4 (CG) ^{Salmon Label}	—	—					
	Other:							
	Asbestos 1Liter Plastic w/ Foil	—	—					
	Low Level Hg / Metals Double Baggie	—	—					
	Bottled Water	—	—					
	Clear Glass Jar: 250 / 500 / 1 Liter	—	—					
Soil Tube Brass / Steel / Plastic	—	—						
Tedlar Bag / Plastic Bag	—	—						
Split	Container	Preservative	Date/Time/Initials	Container	Preservative	Date/Time/Initials		
	S P			S P				
	S P			S P				
Comments								

Labeled by: SS @ 1815

Labels checked by: MSA @ 18:21

RUSH Paged by: _____