

FGL Environmental

CHAIN OF CUSTODY

03/29/10

1002417

Sample Description	Lab No	Matrix	C.G	Date	Time	Sampler	Constituents	Pres	#Bottle(s) & Type
1 WVC Sample A	100325-001	solid	grab	03/25/10	12:30	Jan.D	(see below)	None	1-Bag
2 WVC Sample B	100325-002	solid	grab	03/25/10	9:45	Jan.D	(see below)	None	1-Bag
3 WVC Sample C	100325-003	solid	grab	03/25/10	10:30	Jan.D	(see below)	None	1-Bag
4 WVC Sample D	100325-004	solid	grab	03/25/10	10:45	Jan.D	(see below)	None	1-Bag

Alk (Solid): SM 2320B	CN: EPA 9010	TOC (Sub)	Total-Nitrogen (calc)
EPA 6010/6020: Al, B, Ca, Cu, Fe, K, Li, Mg, Mn, Na, P, S, Sn	CAM 17 Metals + Sample prep: EPA 300.0 (Solid): Br, Cl, F, Sb, As, Ba, Be, C, Cd, Cr, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Ti, V, Zn (Solid)		

Matrix: GW-Groundwater

WW - Wastewater

If you have any questions, please call me at (818) 251-2333

Brad Glassman

Las Virgenes Municipal Water District

Send report and invoice to : Brad Glassman
L.V.M.W.D. Tapia W.R.F. - 731 Malibu Canyon Road
Calabasas, CA 91302

Samples released by:

Steve R. Glassman 3/29/10 10:30 Samples released by: *Steve R. Glassman* 03/29/10 15:15

Samples released to:

Steve R. Glassman 03/29/10 10:30 Samples released to: *Steve R. Glassman* 03/29/10 15:15

Email

Date: March 25, 2010

To: Las Virgenes Municipal Water District - 2000327

Attn: Brad Glassman

E-Mail:

bglassman@lvmwd.com

From: Jessica Fullerton - Marketing Associate

jessicaf@fglinc.com

Phone: (805) 392-2077

Fax: (805) 525-4172

Subject: Price Quote No: SP 20091215-01 Soilds Analysis

Dear Brad,

Hereunder is the amended price quote that you requested. Please use the price quote number SP 20091215-01 for further reference to this quote.

Quote For Time Period: December 01, 2009 through December 31, 2010

Sampled By: Client Sampling

Constituent	Analytical Method	Price per Sample
Prep for total metals analysis - (Solid)	EPA 3050A	50.00
Individual Metals (Solid) - Al;B;Ca;Cu;Fe;K;Li;Mg;Mn;Na;P;S;Sn;	EPA 6010B/EPA 6020	195.00
CAM 17 Metals + Sample Prep: Sb, As, Ba, Be, C, Cd, Cr, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn (Solid)	EPA 6010B/ 6020/ 7000	250.00
Alkalinity (CaCO ₃) (Solid)	SM 2320B	27.00
Bromide (BR) (Solid)	EPA 300.00	27.00
Chloride (Cl) (Solid)	EPA 300.00	27.00
Anion - Fluoride (Solid)	EPA 300.00	27.00
Anion - Phosphate (Solid)	EPA 300.00	27.00
Anion - Sulfate (Solid)	EPA 300.00	27.00
Total Cyanide (CN) (Solid)	EPA 9010	60.00
Nitrate (NO ₃ or NO ₃ -N) (Solid)	EPA 300.00	27.00
Nitrite (NO ₂ or NO ₂ -N) (Solid)	EPA 300.00	27.00
Total Nitrogen (TKN + NO ₃ -N + NO ₂ -N) (Solid)	Calculation	58.00
Sub Contracted: Pulverization (3 inch to 1/4 inch, \$80.00 per hour for 2 hours)	<i>downs lab</i> <i>Kleinfelder</i>	160.00
Sub Contracted: Total Organic Carbon <i>Babcock</i>		85.00

Total Price Quote:

1074.00

**Subcontract to
Babcock & Sons, Inc.**

[illegible]

Santa Paula - Condition Upon Receipt (Attach to COC)

Sample Receipt:

1. Number of ice chests/packages received: 1
Note as OTC if received over the counter unpackaged.
2. Were samples received in a chilled condition? Temps: 12.4 / / /
Acceptable is 2° to 6° C. Also acceptable is received on ice (ROI) for the same day of sampling or received at room temperature (RRT) if sampled within one hour of receipt. Client contact for temperature failures must be documented below. If many packages are received at one time check for tests/H.T.'s/rushes/Bacti's to prioritize further review. Please notify Microbiology personnel immediately of bacti samples received.
3. Do the number of bottles received agree with the COC? Yes No N/A
4. Were samples received intact? (i.e. no broken bottles, leaks etc.) Yes No
5. Were sample custody seals intact? N/A Yes No

Sign and date the COC, obtain LIMS sample numbers, select methods/tests and print labels.

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? Yes No
2. Did bottle labels correspond with the client's ID's? Yes No
3. Were all bottles requiring sample preservation properly preserved? Yes No N/A FGL
4. VOCAs checked for Headspace? Yes No N/A
5. Were all analyses within holding times at time of receipt? Yes No
6. Have rush or project due dates been checked and accepted? N/A Yes No

Attach labels to the containers and include a copy of the COC for lab delivery.

Sample Receipt, Login and Verification completed by (initials):

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____
Resolution: _____

2. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____
Resolution: _____

(2-327)
Las Virgenes Municipal Water District
SP 1002917

IV-03/29/2010-12:18:28



April 21, 2010

Lab ID : SP 1002917-01

Customer ID : 2-327

Las Virgenes Municipal Water Dist.

Attn: Brad Glassman

4232 Las Virgenes Road

Calabasas, CA 91302

Sampled On : 03/25/10

Sampled By : Jan. D

Received On : 03/29/10

Matrix : Solid

Description: WVCP Sample A

Project : WVCP Sample A

The TKN portion of the calculated value listed below was performed by Capco Analytical Services due to temporary quality control concerns regarding this analysis at FGL Environmental.

Sample Results

Constituent	Results (mg/kg)	Sample Analysis
		Method
Total Nitrogen	71	Calculation

FGL ENVIRONMENTAL

Kelly Dunnahoo, B.S.
Laboratory Director

M:\cindy\TN Calc wSub.wpd



April 21, 2010

Lab ID : SP 1002917-02

Customer ID : 2-327

Las Virgenes Municipal Water Dist.

Attn: Brad Glassman

4232 Las Virgenes Road

Calabasas, CA 91302

Sampled On : 03/25/10

Sampled By : Jan. D

Received On : 03/29/10

Matrix : Solid

Description: WVCP Sample B

Project: : WVCP Sample B

The TKN portion of the calculated value listed below was performed by Capco Analytical Services due to temporary quality control concerns regarding this analysis at FGL Environmental.

Sample Results

Constituent	Results (mg/kg)	Sample Analysis
		Method
Total Nitrogen	160	Calculation

FGL ENVIRONMENTAL

Kelly Dunnahoo, B.S.

Laboratory Director

M:\cindy\TN Calc wSub.wpd



April 21, 2010

Lab ID : SP 1002917-03

Customer ID : 2-327

Las Virgenes Municipal Water Dist.

Attn: Brad Glassman

4232 Las Virgenes Road

Calabasas, CA 91302

Sampled On : 03/25/10

Sampled By : Jan. D

Received On : 03/29/10

Matrix : Solid

Description: WVCP Sample C

Project: : WVCP Sample C

The TKN portion of the calculated value listed below was performed by Capco Analytical Services due to temporary quality control concerns regarding this analysis at FGL Environmental.

Sample Results

Constituent	Results (mg/kg)	Sample Analysis
		Method
Total Nitrogen	120	Calculation

FGL ENVIRONMENTAL

Kelly Dunnahoo, B.S.
Laboratory Director

M:\cindy\TN Calc wSub.wpd



April 21, 2010

Lab ID : SP 1002917-04

Customer ID : 2-327

Las Virgenes Municipal Water Dist.

Attn: Brad Glassman

4232 Las Virgenes Road

Calabasas, CA 91302

Sampled On : 03/25/10

Sampled By : Jan. D

Received On : 03/29/10

Matrix : Solid

Description: WVCP Sample D

Project: : WVCP Sample D

The TKN portion of the calculated value listed below was performed by Capco Analytical Services due to temporary quality control concerns regarding this analysis at FGL Environmental.

Sample Results

Constituent	Results (mg/kg)	Sample Analysis
		Method
Total Nitrogen	190	Calculation

FGL ENVIRONMENTAL

Kelly Dunnahoo, B.S.
Laboratory Director

M:\cindy\TN Calc wSub.wpd



FRUIT GROWERS LABORATORY, INC.

Analytical Chemists
www.fglinc.com

April 13, 2010

Las Virgenes Municipal Water District

Attn: Brad Glassman
4232 Las Virgenes Rd.
Calabasas, CA 91302

Lab ID : SP 1002917-001

Customer ID : 2-327

Sampled On : March 25, 2010-12:30

Sampled By : Jan. D

Received On : March 29, 2010-15:15

Matrix : Solid

Description : WVCP Sample A

Project : 100325-001

Sample Results - Ag

Constituent	Result	PQL	Units	Note	Sample Preparation Method Date/ID	Sample Analysis Method Date/ID
Soil ^{BPa}						
Carbon	6.64	0.01	%		993.13 04/05/10:203332	993.13 04/04/10:203868

ND=Non-Detected. PQL=Practical Quantitation Limit.

Containers: (BPa) Bag - Paper Preservatives: N/A

Reviewed and
Approved By

Chad Lessard

Digitally signed by Chad Lessard
Title: Director of Ag. Services
Date: 2010-04-13

Corporate Offices & Laboratory

853 Corporation Street
Santa Paula, CA 93060
TEL: (805) 392-2000
FAX: (805) 392-2063

Office & Laboratory

2500 Stagecoach Road
Stockton, CA 95215
TEL: (209) 942-0182
FAX: (209) 942-0423

Office & Laboratory

563 East Lindo Avenue
Chico, CA 95926
TEL: (530) 343-5818
FAX: (530) 343-3807

Field Office

Visalia, California
TEL: (559) 734-9473
FAX: (559) 734-8435
Mobile: (559) 737-2399



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Analytical Chemists
www.fglinc.com

April 13, 2010

Las Virgenes Municipal Water District

Attn: Brad Glassman
4232 Las Virgenes Rd.
Calabasas, CA 91302

Lab ID : SP 1002917-002

Customer ID : 2-327

Sampled On : March 25, 2010-09:45

Sampled By : Jan. D

Received On : March 29, 2010-15:15

Matrix : Solid

Description : WVCP Sample B

Project : 100325-002

Sample Results - Ag

Constituent	Result	PQL	Units	Note	Sample Preparation Method Date/ID	Sample Analysis Method Date/ID
Soil ^{BPa}						
Carbon	2.97	0.01	%		993.13 04/05/10:203332	993.13 04/04/10:203868

ND=Non-Detected. PQL=Practical Quantitation Limit.

Containers: (BPa) Bag - Paper Preservatives: N/A

Reviewed and
Approved By

Chad Lessard



Digitally signed by Chad Lessard
Title: Director of Ag. Services
Date: 2010-04-13

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FRUIT GROWERS LABORATORY, INC.

Analytical Chemists
www.fglinc.com

April 13, 2010

Las Virgenes Municipal Water District

Attn: Brad Glassman
4232 Las Virgenes Rd.
Calabasas, CA 91302

Lab ID : SP 1002917-003

Customer ID : 2-327

Sampled On : March 25, 2010-10:30

Sampled By : Jan. D

Received On : March 29, 2010-15:15

Matrix : Solid

Description : WVCP Sample C

Project : 100325-003

Sample Results - Ag

Constituent	Result	PQL	Units	Note	Sample Preparation Method Date/ID	Sample Analysis Method Date/ID
Soil ^{BPa}						
Carbon	2.11	0.01	%		993.13 04/05/10:203332	993.13 04/04/10:203868

ND=Non-Detected. PQL=Practical Quantitation Limit.

Containers: (BPa) Bag - Paper Preservatives: N/A

Reviewed and
Approved By

Chad Lessard

Digitally signed by Chad Lessard
Title: Director of Ag. Services
Date: 2010-04-13

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Analytical Chemists
www.fglinc.com

April 13, 2010

Las Virgenes Municipal Water District

Attn: Brad Glassman
4232 Las Virgenes Rd.
Calabasas, CA 91302

Lab ID : SP 1002917-004

Customer ID : 2-327

Sampled On : March 25, 2010-10:45

Sampled By : Jan. D

Received On : March 29, 2010-15:15

Matrix : Solid

Description : WVCP Sample D

Project : 100325-004

Sample Results - Ag

Constituent	Result	PQL	Units	Note	Sample Preparation Method Date/ID	Sample Analysis Method Date/ID
Soil ^{BPa}						
Carbon	0.50	0.01	%		993.13 04/05/10:203332	993.13 04/04/10:203868

ND=Non-Detected. PQL=Practical Quantitation Limit.

Containers: (BPa) Bag - Paper Preservatives: N/A

Reviewed and
Approved By

Chad Lessard

Digitally signed by Chad Lessard
Title: Director of Ag. Services
Date: 2010-04-13

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Analytical Chemists
May 12, 2010

Las Virgenes Municipal Water District
Attn: Brad Glassman
4232 Las Virgenes Rd.
Calabasas, CA 91302

Lab ID : SP 1002917
Customer : 2-327

Laboratory Report

Introduction: This report package contains total of 20 pages divided into 3 sections:

Case Narrative (3 pages) : An overview of the work performed at FGL.
Sample Results (8 pages) : Results for each sample submitted.
Quality Control (9 pages) : Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab ID #	Matrix
WVCP Sample A	03/25/2010	03/29/2010	SP 1002917-001	Sld
WVCP Sample B	03/25/2010	03/29/2010	SP 1002917-002	Sld
WVCP Sample C	03/25/2010	03/29/2010	SP 1002917-003	Sld
WVCP Sample D	03/25/2010	03/29/2010	SP 1002917-004	Sld

Sampling and Receipt Information: All samples were received, prepared and analyzed within the method specified holding times. All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

Inorganic - Metals QC

245.1	04/01/2010:203703 All analysis quality controls are within established criteria.
3050	04/02/2010:203266 All preparation quality controls are within established criteria, except: The following note applies to Potassium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
	04/07/2010:203390 All preparation quality controls are within established criteria, except: The following note applies to Lithium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
6010B	04/05/2010:203827 All analysis quality controls are within established criteria, except: The following note applies to Barium: 220 The CCB was greater than the DQO. However, all results were either five times greater than the CCB concentration or ND relative to the PQL.

May 12, 2010
Las Virgenes Municipal Water District

Lab ID : SP 1002917
Customer : 2-327

Inorganic - Metals QC

6010B	04/06/2010:203883 All analysis quality controls are within established criteria.
	04/07/2010:203935 All analysis quality controls are within established criteria.
	04/12/2010:204121 All analysis quality controls are within established criteria.
6020	04/19/2010:204506 All analysis quality controls are within established criteria.
7470	04/01/2010:203197 All preparation quality controls are within established criteria, except: The following note applies to Mercury: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Inorganic - Wet Chemistry QC

2320B	04/16/2010:203800 All preparation quality controls are within established criteria, except: The following note applies to Alkalinity (as CaCO ₃), Bicarbonate: 440 Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
300.0	04/13/2010:204251 All analysis quality controls are within established criteria.
4500CNCE	04/08/2010:204038 All analysis quality controls are within established criteria.
4500-P E	04/13/2010:203657 All preparation quality controls are within established criteria.
4500PE	04/13/2010:204227 All analysis quality controls are within established criteria.
9010B	04/07/2010:203428 All preparation quality controls are within established criteria.
9056	04/13/2010:203620 All preparation quality controls are within established criteria, except: The following note applies to Chloride, Nitrate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery. The following note applies to Nitrate: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
WS 51.30	04/16/2010:204385 All analysis quality controls are within established criteria.

Discussion of Analytical Results: Case Narrative

Results reported on a dry weight basis.

May 12, 2010
Las Virgenes Municipal Water District

Lab ID : SP 1002917
Customer : 2-327

Certification:: I certify that this data package is in compliance with NELAC standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB

Approved By **Kelly A. Dunnahoo, B.S.**



Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2010-05-12



Analytical Chemists
May 12, 2010

Lab ID : SP 1002917-001
Customer ID : 2-327

Las Virgenes Municipal Water District

Attn: Brad Glassman
4232 Las Virgenes Rd.
Calabasas, CA 91302

Sampled On : March 25, 2010-12:30
Sampled By : Jan. D
Received On : March 29, 2010-15:15
Matrix : Solid

Description : WVCP Sample A
Project : 100325-001

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Metals, Total^{G-1}								
Aluminum	12700	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Antimony	ND	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Arsenic	3.2	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Barium	51.1	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Beryllium	0.5	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Boron	9	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Cadmium	102	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Calcium	163000	50	mg/kg		3050	04/02/10:203266	6010B	04/06/10:203883
Chromium	27.0	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Cobalt	6.4	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Copper	20.8	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Iron	14200	3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Lead	1.9	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Lithium	ND	25	mg/kg		3050	04/07/10:203390	6020	04/19/10:204506
Magnesium	5540	50	mg/kg		3050	04/02/10:203266	6010B	04/06/10:203883
Manganese	219	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Mercury	ND	0.03	mg/kg		7470	04/01/10:203197	245.1	04/01/10:203703
Molybdenum	19.1	0.5	mg/kg		3050	04/02/10:203266	6010B	04/12/10:204121
Nickel	46.5	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Phosphorus	870	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Potassium	3940	50	mg/kg		3050	04/02/10:203266	6010B	04/06/10:203883
Selenium	0.6	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Silver	ND	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Sodium	ND	500	mg/kg		3050	04/02/10:203266	6010B	04/12/10:204121
Sulfur	170	50	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Thallium	3.9	0.5	mg/kg		3050	04/02/10:203266	6010B	04/12/10:204121
Tin	ND	1	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Vanadium	102	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Zinc	108	1	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Wet Chemistry^{G-1}								
Alkalinity (as CaCO ₃)	110	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Bicarbonate	140	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Carbonate	ND	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Hydroxide	ND	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Bromide	ND	5	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251

May 12, 2010
Description : WVCP Sample A

Lab ID : SP 1002917-001
Customer ID : 2-327

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Wet Chemistry ^{G:1}								
Chloride	60	10	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Cyanide, Total	ND	0.1	mg/kg		9010B	04/07/10:203428	4500CNCE	04/08/10:204038
Fluoride	7	1	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrate	ND	4	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrate + Nitrite as N	ND	1	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrite	ND	3	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Phosphate	ND	0.3	mg/kg		4500-P E	04/13/10:203657	4500PE	04/13/10:204227
Sulfate	20	20	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (G) Glass Jar Preservatives: N/A ‡Surrogate.



Analytical Chemists
May 12, 2010

Lab ID : SP 1002917-002
Customer ID : 2-327

Las Virgenes Municipal Water District

Attn: Brad Glassman
4232 Las Virgenes Rd.
Calabasas, CA 91302

Sampled On : March 25, 2010-09:45
Sampled By : Jan. D
Received On : March 29, 2010-15:15
Matrix : Solid

Description : WVCP Sample B
Project : 100325-002

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Metals, Total^{G-1}								
Aluminum	10600	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Antimony	1.2	0.5	mg/kg		3050	04/02/10:203266	6010B	04/07/10:203935
Arsenic	2.4	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Barium	40.2	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Beryllium	0.4	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Boron	ND	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Cadmium	26.3	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Calcium	3570	50	mg/kg		3050	04/02/10:203266	6010B	04/06/10:203883
Chromium	47.9	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Cobalt	16.0	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Copper	37.8	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Iron	23100	3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Lead	2.0	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Lithium	ND	25	mg/kg		3050	04/07/10:203390	6020	04/19/10:204506
Magnesium	3200	50	mg/kg		3050	04/02/10:203266	6010B	04/06/10:203883
Manganese	131	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Mercury	0.07	0.03	mg/kg		7470	04/01/10:203197	245.1	04/01/10:203703
Molybdenum	43.6	0.5	mg/kg		3050	04/02/10:203266	6010B	04/12/10:204121
Nickel	113	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Phosphorus	560	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Potassium	1820	50	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Selenium	13.4	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Silver	ND	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Sodium	400	50	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Sulfur	35500	100	mg/kg		3050	04/02/10:203266	6010B	04/07/10:203935
Thallium	ND	0.5	mg/kg		3050	04/02/10:203266	6010B	04/12/10:204121
Tin	ND	1	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Vanadium	161	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Zinc	130	1	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Wet Chemistry^{G-1}								
Alkalinity (as CaCO ₃)	ND	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Bicarbonate	ND	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Carbonate	ND	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Hydroxide	ND	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Bromide	ND	5	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251

May 12, 2010
Description : WVCP Sample B

Lab ID : SP 1002917-002
Customer ID : 2-327

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Wet Chemistry ^{G:1}								
Chloride	ND	10	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Cyanide, Total	ND	0.1	mg/kg		9010B	04/07/10:203428	4500CNCE	04/08/10:204038
Fluoride	30	1	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrate	ND	4	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrate + Nitrite as N	ND	1	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrite	ND	3	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Phosphate	ND	0.3	mg/kg		4500-P E	04/13/10:203657	4500PE	04/13/10:204227
Sulfate	11900	200	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (G) Glass Jar Preservatives: N/A ‡Surrogate.



Analytical Chemists
May 12, 2010

Lab ID : SP 1002917-003
Customer ID : 2-327

Las Virgenes Municipal Water District

Attn: Brad Glassman
4232 Las Virgenes Rd.
Calabasas, CA 91302

Sampled On : March 25, 2010-10:30
Sampled By : Jan. D
Received On : March 29, 2010-15:15
Matrix : Solid

Description : WVCP Sample C
Project : 100325-003

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Metals, Total^{G-1}								
Aluminum	15800	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Antimony	ND	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Arsenic	2.5	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Barium	77.2	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Beryllium	0.5	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Boron	12	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Cadmium	30.3	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Calcium	45000	50	mg/kg		3050	04/02/10:203266	6010B	04/06/10:203883
Chromium	58.9	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Cobalt	5.5	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Copper	26.7	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Iron	14900	3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Lead	3.3	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Lithium	ND	25	mg/kg		3050	04/07/10:203390	6020	04/19/10:204506
Magnesium	4410	50	mg/kg		3050	04/02/10:203266	6010B	04/06/10:203883
Manganese	103	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Mercury	0.07	0.03	mg/kg		7470	04/01/10:203197	245.1	04/01/10:203703
Molybdenum	24.9	0.5	mg/kg		3050	04/02/10:203266	6010B	04/12/10:204121
Nickel	59.5	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Phosphorus	1140	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Potassium	2860	50	mg/kg		3050	04/02/10:203266	6010B	04/06/10:203883
Selenium	1.0	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Silver	ND	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Sodium	ND	50	mg/kg		3050	04/02/10:203266	6010B	04/06/10:203883
Sulfur	70	50	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Thallium	2.2	0.5	mg/kg		3050	04/02/10:203266	6010B	04/12/10:204121
Tin	ND	1	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Vanadium	372	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Zinc	81	1	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Wet Chemistry^{G-1}								
Alkalinity (as CaCO ₃)	420	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Bicarbonate	510	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Carbonate	ND	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Hydroxide	ND	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Bromide	ND	5	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251

May 12, 2010
Description : WVCP Sample C

Lab ID : SP 1002917-003
Customer ID : 2-327

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Wet Chemistry ^{G:1}								
Chloride	ND	10	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Cyanide, Total	ND	0.1	mg/kg		9010B	04/07/10:203428	4500CNCE	04/08/10:204038
Fluoride	20	1	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrate	ND	4	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrate + Nitrite as N	ND	1	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrite	ND	3	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Phosphate	ND	0.3	mg/kg		4500-P E	04/13/10:203657	4500PE	04/13/10:204227
Sulfate	40	20	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (G) Glass Jar Preservatives: N/A ‡Surrogate.



Analytical Chemists
May 12, 2010

Lab ID : SP 1002917-004
Customer ID : 2-327

Las Virgenes Municipal Water District

Attn: Brad Glassman
4232 Las Virgenes Rd.
Calabasas, CA 91302

Sampled On : March 25, 2010-10:45
Sampled By : Jan. D
Received On : March 29, 2010-15:15
Matrix : Solid

Description : WVCP Sample D
Project : 100325-004

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Metals, Total^{G-1}								
Aluminum	5880	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Antimony	ND	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Arsenic	1.4	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Barium	101	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Beryllium	ND	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Boron	5	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Cadmium	0.8	0.3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Calcium	9690	50	mg/kg		3050	04/02/10:203266	6010B	04/06/10:203883
Chromium	27.5	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Cobalt	2.2	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Copper	13.1	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Iron	5800	3	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Lead	1.7	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Lithium	ND	25	mg/kg		3050	04/07/10:203390	6020	04/19/10:204506
Magnesium	1660	50	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Manganese	38.2	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Mercury	ND	0.03	mg/kg		7470	04/01/10:203197	245.1	04/01/10:203703
Molybdenum	6.5	0.5	mg/kg		3050	04/02/10:203266	6010B	04/12/10:204121
Nickel	20.6	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Phosphorus	349	5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Potassium	1290	50	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Selenium	0.6	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Silver	ND	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Sodium	340	50	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Sulfur	ND	50	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Thallium	0.9	0.5	mg/kg		3050	04/02/10:203266	6010B	04/12/10:204121
Tin	ND	1	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Vanadium	98.0	0.5	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Zinc	33	1	mg/kg		3050	04/02/10:203266	6010B	04/05/10:203827
Wet Chemistry^{G-1}								
Alkalinity (as CaCO ₃)	130	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Bicarbonate	160	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Carbonate	ND	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Hydroxide	ND	20	mg/kg		2320B	04/16/10:203800	WS 51.30	04/16/10:204385
Bromide	ND	5	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251

May 12, 2010
Description : WVCP Sample D

Lab ID : SP 1002917-004
Customer ID : 2-327

Sample Result - Inorganic

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Wet Chemistry ^{G:1}								
Chloride	ND	10	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Cyanide, Total	ND	0.1	mg/kg		9010B	04/07/10:203428	4500CNCE	04/08/10:204038
Fluoride	3	1	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrate	14	4	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrate + Nitrite as N	3	1	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Nitrite	ND	3	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251
Phosphate	0.5	0.3	mg/kg		4500-P E	04/13/10:203657	4500PE	04/13/10:204227
Sulfate	ND	20	mg/kg		9056	04/13/10:203620	300.0	04/13/10:204251

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (G) Glass Jar Preservatives: N/A ‡Surrogate.



Analytical Chemists

May 12, 2010
 Las Virgenes Municipal Water District

Lab ID : SP 1002917
 Customer : 2-327

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Mercury	245.1	04/01/2010:203703	ICV ICB CCV CCB	ppb ppb ppb ppb	4.000 3.996	103 % 0.05 106 % 0.05	90-110 20 90-110 20	
Aluminum	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	199.8 199.8 199.8 39.94 199.8	ND 95.2 % -480 % -631 % 3.6 % 10.8 %	<5 85-115 <1/4 <1/4 ≤20 75-125	P
Antimony	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	24.91 24.91 24.91 39.94 24.91	ND 94.7 % 84.6 % 86.2 % 2.0 % 81.9 %	<0.5 85-115 75-125 75-125 ≤20 75-125	
Arsenic	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	40.00 40.00 40.00 39.94 40.00	ND 98.0 % 94.4 % 98.0 % 3.9 % 92.1 %	<0.5 85-115 75-125 75-125 ≤20 75-125	
Barium	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	39.92 39.92 39.92 39.94 39.92	ND 104 % 63.9 % 44.1 % 1.9 % 66.9 %	<0.3 85-115 <1/4 <1/4 ≤20 75-125	P
Beryllium	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	40.14 40.14 40.14 39.94 40.14	ND 96.7 % 84.3 % 86.9 % 3.0 % 82.7 %	<0.3 85-115 75-125 75-125 ≤20 75-125	
Boron	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	200.0 200.0 200.0 39.94 200.0	ND 94.8 % 79.9 % 81.1 % 1.1 % 84.6 %	<5 85-115 75-125 75-125 ≤20 75-125	
Cadmium	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	40.00 40.00 40.00 39.94 40.00	ND 96.6 % 83.1 % 84.8 % 1.8 % 86.0 %	<0.3 85-115 75-125 75-125 ≤20 75-125	
Calcium	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	625.0 625.0 625.0 39.94 625.0	ND 98.6 % -512 % -672 % 3.5 % -15.8 %	<50 85-115 <1/4 <1/4 ≤20 75-125	P
Chromium	3050	04/02/2010:203266	Blank LCS MS	mg/kg mg/kg mg/kg	40.00 40.00	ND 99.9 % 90.2 %	<0.5 85-115 75-125	

May 12, 2010
Las Virgenes Municipal Water District

Lab ID : SP 1002917
 Customer : 2-327

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Chromium	3050	(SP 1003064-002)	MSD MSRPD PDS	mg/kg mg/kg mg/kg	40.00 39.94 40.00	82.6 % 4.5% 79.2 %	75-125 ≤20 75-125	
Cobalt	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	 40.00 40.00 40.00 39.94 40.00	ND 99.1 % 83.7 % 85.7 % 1.9% 81.5 %	<0.5 85-115 75-125 75-125 ≤20 75-125	
Copper	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	 40.00 40.00 40.00 39.94 40.00	ND 99.6 % 144 % 126 % 3.3% 85.9 %	<0.5 85-115 <¼ <¼ ≤20 75-125	
Iron	3050	04/02/2010:203266	Blank LCS	mg/kg mg/kg	 199.6	ND 99.2 %	<3 85-115	
Lead	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	 40.00 40.00 40.00 39.94 40.00	ND 96.9 % 86.5 % 84.3 % 0.9% 76.8 %	<0.5 85-115 75-125 75-125 ≤20 75-125	
Lithium	3050	04/07/2010:203390 (SP 1002917-001)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	 2.000 2.000 2.000 1.997 2.000	ND 95.4 % -48.5 % 85.2 % 2.7 419 %	<5 85-115 75-125 75-125 ≤5 75-125	435 P
Magnesium	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	 625.0 625.0 625.0 39.94 625.0	8.3 97.3 % -120 % -166 % 5.1% 66.0 %	50 85-115 <¼ <¼ ≤20.0 75-125	 P
Manganese	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	 40.00 40.00 40.00 39.94 40.00	ND 97.7 % 165 % 151 % 1.0% 69.8 %	<0.5 85-115 <¼ <¼ ≤20 75-125	 P
Molybdenum	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	 24.92 24.92 24.92 39.94 24.92	ND 100 % 87.9 % 87.6 % 0.2% 89.2 %	<0.5 85-115 75-125 75-125 ≤20 75-125	
Nickel	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	 40.00 40.00 40.00 39.94 40.00	ND 99.4 % 85.5 % 78.0 % 5.0% 80.9 %	<0.5 85-115 75-125 75-125 ≤20 75-125	
Phosphorus	3050	04/02/2010:203266	Blank	mg/kg		ND	<5	

May 12, 2010
Las Virgenes Municipal Water District

Lab ID : SP 1002917
 Customer : 2-327

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Phosphorus	3050	04/02/2010:203266 (SP 1003064-002)	LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg	199.4 199.4 199.4 39.94 199.4	96.1 % 614 % 642 % 0.7% 13.3 %	80-120 <¼ <¼ ≤30 75-125	P
Potassium	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	625.0 625.0 625.0 39.94 625.0 625.0	ND 87.9 % 46.8 % 28.6 % 4.3% 87.8 %	<50 85-115 75-125 75-125 ≤20 75-125	435 435
Selenium	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	39.98 39.98 39.98 39.94 39.98 39.98	ND 95.1 % 88.0 % 90.8 % 3.1% 85.4 %	<0.5 85-115 75-125 75-125 ≤20 75-125	
Silver	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	39.94 39.94 39.94 39.94 39.94 39.94	ND 95.9 % 91.5 % 93.9 % 2.6% 89.6 %	<0.5 85-115 75-125 75-125 ≤20 75-125	
Sodium	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	625.0 625.0 625.0 39.94 625.0 625.0	ND 97.0 % 95.1 % 92.0 % 1.3% 81.2 %	<50 85-115 75-125 75-125 ≤20.0 75-125	
Sulfur	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	125.0 125.0 125.0 39.94 125.0 125.0	ND 90.7 % -1240 % -1250 % 0.2% -1090 %	<50 85-115 <¼ <¼ ≤20 75-125	P
Thallium	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	39.98 39.98 39.98 39.94 39.98 39.98	ND 99.7 % 87.9 % 91.2 % 3.8% 87.2 %	<0.5 85-115 75-125 75-125 ≤20 75-125	
Tin	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	25.08 25.08 25.08 39.94 25.08 25.08	ND 103 % 90.7 % 105 % 10.7% 81.9 %	<1 85-115 75-125 75-125 ≤20 75-125	
Vanadium	3050	04/02/2010:203266 (SP 1003064-002)	Blank LCS MS MSD MSRPD PDS	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	40.00 40.00 40.00 39.94 40.00 40.00	ND 100 % 79.0 % 80.0 % 0.6% 83.1 %	<0.5 85-115 75-125 75-125 ≤20 75-125	
Zinc	3050	04/02/2010:203266	Blank	mg/kg		ND	<1	

May 12, 2010
Las Virgenes Municipal Water District

Lab ID : SP 1002917
 Customer : 2-327

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Zinc	3050	04/02/2010:203266	LCS	mg/kg	100.0	97.6 %	85-115	
Aluminum	6010B	04/05/2010:203827	CCV	ppm	4.995	97.9 %	90-110	
			CCB	ppm		-.000005	0.100	
			CCV	ppm	4.995	97.3 %	90-110	
			CCB	ppm		0.001	0.100	
			CCV	ppm	4.995	98.2 %	90-110	
			CCB	ppm		0.005	0.100	
Antimony	6010B	04/05/2010:203827	CCV	ppm	0.9965	97.7 %	90-110	
			CCB	ppm		0.0017	0.01	
			CCV	ppm	0.9965	96.2 %	90-110	
			CCB	ppm		0.0029	0.01	
			CCV	ppm	0.9965	97.2 %	90-110	
			CCB	ppm		0.0035	0.01	
	6010B	04/07/2010:203935	CCV	ppm	0.9965	98.1 %	90-110	
			CCB	ppm		0.0029	0.01	
			CCV	ppm	0.9965	98.4 %	90-110	
			CCB	ppm		0.001	0.01	
Arsenic	6010B	04/05/2010:203827	CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		-0.0015	0.01	
			CCV	ppm	1.000	100 %	90-110	
			CCB	ppm		-0.0005	0.01	
			CCV	ppm	1.000	102 %	90-110	
			CCB	ppm		-0.0016	0.01	
Barium	6010B	04/05/2010:203827	CCV	ppm	0.9980	100 %	90-110	
			CCB	ppm		0.00575	0.005	220
			CCV	ppm	0.9980	100 %	90-110	
			CCB	ppm		0.00448	0.005	
			CCV	ppm	0.9980	103 %	90-110	
			CCB	ppm		0.00565	0.005	220
Beryllium	6010B	04/05/2010:203827	CCV	ppm	1.004	100 %	90-110	
			CCB	ppm		0.00003	0.005	
			CCV	ppm	1.004	99.4 %	90-110	
			CCB	ppm		0.00005	0.005	
			CCV	ppm	1.004	101 %	90-110	
			CCB	ppm		0.0001	0.005	
Boron	6010B	04/05/2010:203827	CCV	ppm	5.000	101 %	90-110	
			CCB	ppm		0.0308	0.05	
			CCV	ppm	5.000	101 %	90-110	
			CCB	ppm		0.0361	0.05	
			CCV	ppm	5.000	103 %	90-110	
			CCB	ppm		0.0290	0.05	
Cadmium	6010B	04/05/2010:203827	CCV	ppm	1.000	99.5 %	90-110	
			CCB	ppm		-0.00011	0.005	
			CCV	ppm	1.000	99.4 %	90-110	
			CCB	ppm		-0.00012	0.005	
			CCV	ppm	1.000	100 %	90-110	
			CCB	ppm		-0.00033	0.005	
Calcium	6010B	04/06/2010:203883	CCV	ppm	25.00	99.0 %	90-110	
			CCB	ppm		-0.02	1.0	
			CCV	ppm	25.00	99.6 %	90-110	
			CCB	ppm		-0.02	1.0	
Chromium	6010B	04/05/2010:203827	CCV	ppm	1.000	100 %	90-110	
			CCB	ppm		-0.0004	0.01	
			CCV	ppm	1.000	100 %	90-110	

May 12, 2010
Las Virgenes Municipal Water District

Lab ID : SP 1002917
 Customer : 2-327

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Chromium	6010B	04/05/2010:203827	CCB CCV CCB	ppm ppm ppm	1.000	-0.0005 102 % -0.0004	0.01 90-110 0.01	
Cobalt	6010B	04/05/2010:203827	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	1.000 1.000 1.000	100 % -0.001 99.8 % -0.0021 101 % -0.0008	90-110 0.01 90-110 0.01 90-110 0.01	
Copper	6010B	04/05/2010:203827	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	1.000 1.000 1.000	100 % 0.0011 99.9 % 0.001 100 % 0.0009	90-110 0.01 90-110 0.01 90-110 0.01	
Iron	6010B	04/05/2010:203827	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	4.990 4.990 4.990	99.8 % -0.0322 98.3 % -0.0290 98.6 % -0.0313	90-110 0.05 90-110 0.05 90-110 0.05	
Lead	6010B	04/05/2010:203827	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	1.000 1.000 1.000	100 % -0.00006 98.6 % 0.0006 98.9 % 0.0016	90-110 0.01 90-110 0.01 90-110 0.01	
Magnesium	6010B	04/05/2010:203827	CCV CCB CCV CCB	ppm ppm ppm ppm	25.00 25.00	97.8 % 0.0002 99.5 % 0.004	90-110 1.0 90-110 1.0	
	6010B	04/06/2010:203883	CCV CCB CCV CCB	ppm ppm ppm ppm	25.00 25.00	99.6 % 0.001 100 % 0.0004	90-110 1.0 90-110 1.0	
Manganese	6010B	04/05/2010:203827	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	1.000 1.000 1.000	98.6 % -0.00003 98.0 % .0000007 99.3 % 0.0001	90-110 0.01 90-110 0.01 90-110 0.01	
Molybdenum	6010B	04/12/2010:204121	CCV CCB CCV CCB	ppm ppm ppm ppm	0.9970 0.9970	100 % 0.0015 99.2 % 0.0022	90-110 0.01 90-110 0.01	
Nickel	6010B	04/05/2010:203827	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	1.000 1.000 1.000	101 % 0.0001 101 % -0.00002 103 % -0.00004	90-110 0.01 90-110 0.01 90-110 0.01	
Phosphorus	6010B	04/05/2010:203827	CCV CCB CCV	ppm ppm ppm	4.985 4.985	98.9 % -0.001 98.1 %	90-110 0.1 90-110	

May 12, 2010
Las Virgenes Municipal Water District

Lab ID : SP 1002917
 Customer : 2-327

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Phosphorus	6010B	04/05/2010:203827	CCB CCV CCB	ppm ppm ppm	4.985	0.0003 99.4 % 0.001	0.1 90-110 0.1	
Potassium	6010B	04/05/2010:203827	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	25.00 25.00 25.00	97.4 % -0.17 97.1 % -0.16 98.4 % -0.19	90-110 1.0 90-110 1.0 90-110 1.0	
	6010B	04/06/2010:203883	CCV CCB CCV CCB	ppm ppm ppm ppm	25.00 25.00	99.4 % -0.17 99.6 % -0.18	90-110 1.0 90-110 1.0	
Selenium	6010B	04/05/2010:203827	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	0.9995 0.9995 0.9995	98.7 % -0.0009 97.9 % 0.001 99.0 % -0.0005	90-110 0.01 90-110 0.01 90-110 0.01	
Silver	6010B	04/05/2010:203827	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	0.9985 0.9985 0.9985	99.0 % 0.00006 97.9 % 0.0004 98.2 % 0.0006	90-110 0.01 90-110 0.01 90-110 0.01	
Sodium	6010B	04/05/2010:203827	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	25.00 25.00 25.00	97.6 % 0.29 98.0 % 0.26 99.3 % 0.25	90-110 1.0 90-110 1.0 90-110 1.0	
	6010B	04/06/2010:203883	CCV CCB CCV CCB	ppm ppm ppm ppm	25.00 25.00	98.3 % 0.13 98.1 % 0.23	90-110 1.0 90-110 1.0	
	6010B	04/12/2010:204121	CCV CCB CCV CCB	ppm ppm ppm ppm	25.00 25.00	95.4 % -0.07 95.5 % -0.06	90-110 1.0 90-110 1.0	
Sulfur	6010B	04/05/2010:203827	CCV CCB CCV CCB CCV CCB	ppm ppm ppm ppm ppm ppm	5.000 5.000 5.000	96.8 % -0.07 97.6 % -0.03 97.5 % -0.07	90-110 1.0 90-110 1.0 90-110 1.0	
	6010B	04/07/2010:203935	CCV CCB CCV CCB	ppm ppm ppm ppm	5.000 5.000	100 % 0.01 103 % 0.02	90-110 1.0 90-110 1.0	
Thallium	6010B	04/12/2010:204121	CCV CCB CCV CCB	ppm ppm ppm ppm	0.9995 0.9995	98.7 % 0.0080 98.8 % 0.0086	90-110 0.01 90-110 0.01	
Tin	6010B	04/05/2010:203827	CCV	ppm	1.003	102 %	90-110	

May 12, 2010
Las Virgenes Municipal Water District

Lab ID : SP 1002917
 Customer : 2-327

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals								
Tin	6010B	04/05/2010:203827	CCB	ppm		-0.0012	0.02	
			CCV	ppm	1.003	101 %	90-110	
			CCB	ppm		0.0013	0.02	
			CCV	ppm	1.003	103 %	90-110	
			CCB	ppm		-0.0005	0.02	
Vanadium	6010B	04/05/2010:203827	CCV	ppm	1.000	100 %	90-110	
			CCB	ppm		-0.00006	0.01	
			CCV	ppm	1.000	99.8 %	90-110	
			CCB	ppm		0.0003	0.01	
			CCV	ppm	1.000	101 %	90-110	
Zinc	6010B	04/05/2010:203827	CCB	ppm		0.0003	0.01	
			CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		0.0008	0.02	
			CCV	ppm	1.000	100 %	90-110	
			CCB	ppm		0.0004	0.02	
Lithium	6020	04/05/2010:203827	CCV	ppm	1.000	101 %	90-110	
			CCB	ppm		0.0009	0.02	
			CCV	ppb	120.0	96.3 %	90-110	
			CCB	ppb		-0.5	100	
			CCV	ppb	120.0	96.6 %	90-110	
Mercury	7470	04/19/2010:204506	CCB	ppb		-0.3	100	
			CCV	ppb				
			CCB	ppb				
			CCV	ppb				
			CCB	ppb				
Mercury	7470	04/01/2010:203197 (SP 1002629-001)	Blank	mg/kg		ND	<0.03	
			LCS	mg/kg	0.2498	103 %	85-115	
			MS	mg/kg	0.2498	54.6 %	75-125	435
			MSD	mg/kg	0.2498	60.0 %	75-125	435
			MSRPD	mg/kg	0.2498	1.6%	≤20	
Wet Chem								
Alkalinity (as CaCO3)	2320B	(SP 1002917-001)	Dup	mg/kg		60.5%	3.42	440
Bicarbonate	2320B	(SP 1002917-001)	Dup	mg/L		60.5%	4.78	440
Carbonate	2320B	(SP 1002917-001)	Dup	mg/L		0.0	10	
Hydroxide	2320B	(SP 1002917-001)	Dup	mg/L		0.0	10	
Bromide	300.0	04/13/2010:204251	CCB	ppb		24.5	30	
			CCV	ppb	5000	97.8 %	90-110	
			CCB	ppb		23.9	30	
			CCV	ppb	5000	99.2 %	90-110	
			CCB	ppb		23.6	30	
Chloride	300.0	04/13/2010:204251	CCV	ppb	5000	100 %	90-110	
			CCB	ppm		-0.008	1	
			CCV	ppm	25.00	99.7 %	90-110	
			CCB	ppm		-0.12	1	
			CCV	ppm	25.00	101 %	90-110	
Fluoride	300.0	04/13/2010:204251	CCB	ppm		-0.07	1	
			CCV	ppm	25.00	102 %	90-110	
			CCB	ppm		-0.042	0.1	
			CCV	ppm	2.500	99.9 %	90-110	
			CCB	ppm		-0.041	0.1	
Nitrate	300.0	04/13/2010:204251	CCV	ppm	2.500	101 %	90-110	
			CCB	ppm		-0.042	0.1	
			CCV	ppm	2.500	103 %	90-110	
			CCB	ppm		0.052	0.4	
			CCV	ppm	20.00	98.7 %	90-110	
Nitrate	300.0	04/13/2010:204251	CCB	ppm		0.033	0.4	
			CCV	ppm	20.00	101 %	90-110	
			CCB	ppm		0.047	0.4	
			CCV	ppm				
			CCB	ppm				

May 12, 2010
Las Virgenes Municipal Water District

Lab ID : SP 1002917
 Customer : 2-327

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrate	300.0	04/13/2010:204251	CCV	ppm	20.00	100 %	90-110	
Nitrite	300.0	04/13/2010:204251	CCB	ppm	15.00	-0.219	0.3	
			CCV	ppm	103 %	103 %	90-110	
			CCB	ppm	-0.227	0.3		
			CCV	ppm	15.00	105 %	90-110	
			CCB	ppm	-0.227	0.3		
			CCV	ppm	15.00	106 %	90-110	
Sulfate	300.0	04/13/2010:204251	CCB	ppm	0.69	2		
			CCV	ppm	50.00	100 %	90-110	
			CCB	ppm	-0.23	2		
			CCV	ppm	50.00	102 %	90-110	
			CCB	ppm	-0.05	2		
			CCV	ppm	50.00	103 %	90-110	
Cyanide	4500CNCE	04/08/2010:204038	CCV	mg/L	0.1000	105 %	90-110	
			CCB	mg/L	0.0015	0.01		
			CCV	mg/L	0.1000	103 %	90-110	
			CCB	mg/L	0.0015	0.01		
Phosphate-Phosphorus	4500-P E	(SP 1002917-001)	MS	mg/kg	0.4970	92.4 %	85-150	
			MSD	mg/kg	0.4970	90.8 %	85-150	
			MSRPD	mg/kg	0.4970	0.0078	≤0.1	
	4500PE	04/13/2010:204227	CCV	mg/L	0.5000	102 %	90-110	
			CCB	mg/L	0.007	0.1		
			CCV	mg/L	0.5000	99.0 %	90-110	
			CCB	mg/L	0.01	0.1		
Cyanide, Total	9010B	04/07/2010:203428	Blank	mg/kg	ND	<0.1		
			LCS	mg/kg	1.000	102 %	84-121	
			LCS	mg/kg	4.000	96.9 %	84-121	
			MS	mg/kg	0.5000	130 %	0-184	
		(SP 1002917-001)	MSD	mg/kg	0.5000	136 %	0-184	
			MSRPD	mg/kg	0.5000	4.8 %	≤33.0	
Bromide	9056	04/13/2010:203620	Blank	mg/kg	ND	<5		
			LCS	mg/kg	50.00	100 %	85-115	
			MS	mg/kg	99.40	93.1 %	64-153	
		(SP 1003388-001)	MSD	mg/kg	99.40	97.9 %	64-153	
			MSRPD	mg/kg	99.40	4.9 %	≤10.5	
Chloride	9056	04/13/2010:203620	Blank	mg/kg	ND	<10		
			LCS	mg/kg	250.0	102 %	85-115	
			MS	mg/kg	497.0	-30.8 %	36-192	435
		(SP 1003388-001)	MSD	mg/kg	497.0	-13.4 %	36-192	435
			MSRPD	mg/kg	99.40	7.5 %	≤20.0	
Fluoride	9056	04/13/2010:203620	Blank	mg/kg	ND	<1		
			LCS	mg/kg	25.00	101 %	85-115	
			MS	mg/kg	49.70	5.9 %	2-193	
		(SP 1003388-001)	MSD	mg/kg	49.70	5.3 %	2-193	
			MSRPD	mg/kg	99.40	0.31	≤1	
Nitrate	9056	04/13/2010:203620	Blank	mg/kg	ND	<4		
			LCS	mg/kg	200.0	101 %	85-115	
			MS	mg/kg	397.6	-85.9 %	1-217	435
		(SP 1003388-001)	MSD	mg/kg	397.6	233 %	1-217	435
			MSRPD	mg/kg	99.40	152 %	≤45.6	435
Nitrite	9056	04/13/2010:203620	Blank	mg/kg	ND	<3		
			LCS	mg/kg	150.0	107 %	85-115	
			MS	mg/kg	298.2	74.0 %	54-143	
		(SP 1003388-001)	MSD	mg/kg	298.2	71.7 %	54-143	

May 12, 2010
Las Virgenes Municipal Water District

Lab ID : SP 1002917
 Customer : 2-327

Quality Control - Inorganic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Nitrite	9056	04/13/2010:203620	MSRPD	mg/kg	99.40	1.9%	≤42.4	
Sulfate	9056	04/13/2010:203620 (SP 1003388-001)	Blank	mg/kg		ND	<20	
			LCS	mg/kg	500.0	102 %	85-115	
			MS	mg/kg	994.0	420 %	<¼	
			MSD	mg/kg	994.0	412 %	<¼	
			MSRPD	mg/kg	99.40	0.5%	≤33.2	
Alkalinity (as CaCO3)	WS 51.30	04/16/2010:204385	CCV	mg/L	234.9	106 %	80-120	
			CCV	mg/L	234.9	107 %	80-120	
Definition								
ICV : Initial Calibration Verification - Analyzed to verify the instrument calibration is within criteria.								
ICB : Initial Calibration Blank - Analyzed to verify the instrument baseline is within criteria.								
CCV : Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.								
CCB : Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.								
Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.								
LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.								
MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.								
MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.								
Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.								
MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.								
ND : Non-detect - Result was below the DQO listed for the analyte.								
<¼ : High Sample Background - Spike concentration was less than one forth of the sample concentration.								
DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.								
Explanation								
220 : The CCB was greater than the DQO. However, all results were either five times greater than the CCB concentration or ND relative to the PQL.								
435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.								
440 : Sample nonhomogeneity may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.								



Analytical Chemists

April 13, 2010

Las Virgenes Municipal Water District
Attn: Brad Glassman
4232 Las Virgenes Rd.
Calabasas, CA 91302

Subject: Subcontract Analysis for FGL Lab No. SP 1002917

Enclosed please find results for the following sample(s) which were received by FGL.

- Sub Contracted-TOC

Please note that this analysis was performed by Babcock & Sons, Inc..

Thank you for using FGL Environmental

Sincerely,

Cindy Aguirre



Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2010-04-13

Enclosure



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories *est 1906*

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 1 of 7
Project Name: No Project
Project Number: SP 1002917 - (2-327)

Work Order Number: A0C3076

Report Date: 09-Apr-2010

Received on Ice (Y/N): Yes Temp: 2 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A0C3076-01	SP 1002917 - (2-327) I WVCP Sample A Grab	Solid	03/25/10 12:30	Jan. D	03/31/10 10:15	Courier (OnTrac)
A0C3076-02	SP 1002917 - (2-327) I WVCP Sample B Grab	Solid	03/25/10 09:45	Jan. D	03/31/10 10:15	Courier (OnTrac)
A0C3076-03	SP 1002917 - (2-327) I WVCP Sample C Grab	Solid	03/25/10 10:30	Jan. D	03/31/10 10:15	Courier (OnTrac)
A0C3076-04	SP 1002917 - (2-327) I WVCP Sample D Grab	Solid	03/25/10 10:45	Jan. D	03/31/10 10:15	Courier (OnTrac)

mailing
P.O. Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

NELAP no. 02101CA
CA ELAP no. 2698
EPA no. CA00102



E.S.BABCOCK&Sons, Inc.

Environmental Laboratories *est 1906*

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 2 of 7
Project Name: No Project
Project Number: SP 1002917 - (2-327)

Work Order Number: A0C3076

Report Date: 09-Apr-2010

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

A0C3076-01

Sample Description

SP 1002917 - (2-327) 1 WVCP Sample A

Matrix

Solid

Sampled Date/Time

03/25/10 12:30

Received Date/Time

03/31/10 10:15

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Aggregate Organic Compounds							
Total Organic Carbon	2.0	0.19	%	EPA 9060	04/07/10 12:10	lmt	

mailing

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Riverside, CA 92502-0432

location

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E.S.BABCOCK&Sons, Inc.

Environmental Laboratories *est 1906*

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 3 of 7
Project Name: No Project
Project Number: SP 1002917 - (2-327)

Work Order Number: A0C3076

Report Date: 09-Apr-2010

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

A0C3076-02

Sample Description

SP 1002917 - (2-327) 1 WVCP Sample B

Matrix

Solid

Sampled Date/Time

03/25/10 09:45

Received Date/Time

03/31/10 10:15

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Aggregate Organic Compounds Total Organic Carbon	2.6	0.19	%	EPA 9060	04/07/10 12:10	lmt	

mailing

P.O. Box 432
Riverside, CA 92502-0432

location

6100 Quail Valley Court
Riverside, CA 92507-0704

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NELAP no. 02101CA

CA ELAP no. 2698

EPA no. CA00102



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories *est 1906*

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 4 of 7
Project Name: No Project
Project Number: SP 1002917 - (2-327)

Work Order Number: A0C3076

Report Date: 09-Apr-2010

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

A0C3076-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
SP 1002917 - (2-327) 1 WVCP Sample C	Solid	03/25/10 10:30	03/31/10 10:15

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Aggregate Organic Compounds							
Total Organic Carbon	0.23	0.19	%	EPA 9060	04/07/10 12:10	lmt	

mailing

P.O. Box 432
Riverside, CA 92502-0432

location

6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351

F 951 653 1662

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NELAP no. 02101CA

CA ELAP no. 2698

EPA no. CA00102



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories *est 1906*

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 5 of 7

Project Name: No Project

Project Number: SP 1002917 - (2-327)

Work Order Number: A0C3076

Report Date: 09-Apr-2010

Received on Ice (Y/N): Yes Temp: 2 °C

Laboratory Reference Number

A0C3076-04

Sample Description

SP 1002917 - (2-327) 1 WVCP Sample D

Matrix

Solid

Sampled Date/Time

03/25/10 10:45

Received Date/Time

03/31/10 10:15

Analyte(s)	Result	RDL	Units	Method	Analysis Date	Analyst	Flag
Aggregate Organic Compounds Total Organic Carbon	ND	0.19	%	EPA 9060	04/07/10 12:10	lmt	

mailing

P.O. Box 432
Riverside, CA 92502-0432

location

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Riverside, CA 92507-0704

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NELAP no. 02101CA

CA ELAP no. 2698

EPA no. CA00102



E.S.BABCOCK&Sons, Inc.

Environmental Laboratories *est 1906*

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 6 of 7
Project Name: No Project
Project Number: SP 1002917 - (2-327)

Work Order Number: A0C3076

Report Date: 09-Apr-2010

Received on Ice (Y/N): Yes Temp: 2 °C

Aggregate Organic Compounds - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 0D05041 - As recieved										
Blank (0D05041-BLK1)				Prepared: 04/05/10 Analyzed: 04/06/10						
Total Organic Carbon	ND	0.20	%							
LCS (0D05041-BS1)				Prepared: 04/05/10 Analyzed: 04/06/10						
Total Organic Carbon	1.53	0.20	%	1.59		96.2	70-130			
Matrix Spike (0D05041-MS1)				Source: A0C2673-01 Prepared: 04/05/10 Analyzed: 04/06/10						
Total Organic Carbon	1.19	0.15	%	1.18	0.0440	97.7	32-126			
Matrix Spike Dup (0D05041-MSD1)				Source: A0C2673-01 Prepared: 04/05/10 Analyzed: 04/06/10						
Total Organic Carbon	1.32	0.15	%	1.18	0.0440	108	32-126	10.1	25	



E.S.BABCOCK&Sons,Inc.

Environmental Laboratories *est. 1906*

Client Name: FGL Environmental, Inc.
Contact: Cindy Aguirre
Address: 853 Corporation Street
Santa Paula, CA 93060

Analytical Report: Page 7 of 7

Project Name: No Project

Project Number: SP 1002917 - (2-327)

Work Order Number: A0C3076

Report Date: 09-Apr-2010

Received on Ice (Y/N): Yes Temp: 2 °C

Notes and Definitions

ND: Analyte NOT DETECTED at or above the Method Detection Limit (**if MDL is reported**), otherwise at or above the Reportable Detection Limit (RDL)

NR: Not Reported

RDL: Reportable Detection Limit

MDL: Method Detection Limit

* / (Non-NELAP): NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

☒ Lorenzo Rodriguez
Project Manager

☐ Allison Mackenzie
General Manager

☐ Lawrence J. Chrystal
Laboratory Director

cc:

ESB_Standard_Report

mailing
P.O. Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
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www.babcocklabs.com

NELAP no. 02101CA
CA ELAP no. 2698
EPA no. CA00102

Subcont. to
Babcock & Sons, Inc.

[illegible]

ACC3076 AB
MAR 31 2010



Analytical Chemists

April 21, 2010

Las Virgenes Municipal Water District
Attn: Brad Glassman
4232 Las Virgenes Rd.
Calabasas, CA 91302

Subject: Subcontract Analysis for FGL Lab No. SP 1002917

Enclosed please find results for the following sample(s) which were received by FGL.

- Sub Contracted-TKN

Please note that this analysis was performed by Capco Analytical Services.

Thank you for using FGL Environmental

Sincerely,

Cindy Aguirre



Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2010-04-21

Enclosure



Analytical Services, Inc.

Environmental and Analytical Services-Since 1994

Prepared For: Fruit Growers Laboratory, Inc. April 19, 2010
853 Corporation Street
Santa Paula, CA 93061

ATTENTION: Dawn Bavero

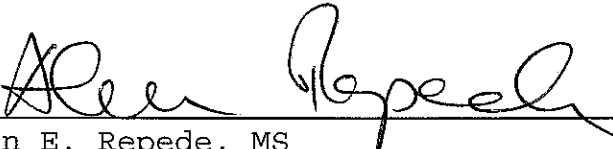
Laboratory No: 100862
Date Received: 09-APR-10
Project No: SP 1002917 - (2-327)

Sampled By: Client
ID: See Below

RESULTS

On April 9, 2010, four (4) samples were received for analysis by Capco Analytical Services, Inc. The samples were identified and assigned the lab numbers listed below. This report consists of 1 page excluding the cover letter and the Chain of Custody.

<u>SAMPLE DESCRIPTION</u>	<u>CAS LAB NUMBER</u>
WVCP SAMPLE A	10086201
WVCP SAMPLE B	10086202
WVCP SAMPLE C	10086203
WVCP SAMPLE D	10086204


Alin E. Repede, MS
Director - Analytical Operations

This report shall not be reproduced except in full without the written approval of Capco Analytical Services, Inc.
The test results reported represent only the items being tested and may not represent the entire material from which the sample was taken.



Analytical Services, Inc.

Environmental and Analytical Services-Since 1994

Client: Fruit Growers Laboratory, Inc.
CAS LAB NO: 100862
Analyst: AN/GM

Date Sampled: 03/25/10
Date Received: 04/09/10
Date Analyzed: 04/13/10
Sample Matrix: Solid

TOTAL KJELDAHL NITROGEN ANALYSIS
SM 4500-N_{org}B-M

CAS Lab #	Sample ID	RESULTS (mg/Kg)	Dilution Factor	PQL (mg/Kg)
*10086201	WVCP Sample A	71	2	20
*10086202	WVCP Sample B	160	2	20
*10086203	WVCP Sample C	120	2	20
*10086204	WVCP Sample D	190	2	20
100862-MB	Method Blank	BQL	1	10

*Results were converted to dry weight per client's request.
PQL: Practical Quantitation Limit
BQL: Below Practical Quantitation Limit

Principal Analyst

10862

PER NICOLE @ FGL
4/9/2010
Rth.



ENVIRONMENTAL



INVOICE

ANALYTICAL CHEMISTS

Invoice #	002917A

Remit To:
FGL Environmental
853 Corporation Street
Santa Paula, CA 93060

Las Virgenes Municipal Water District
Attn: Accounts Payable
4232 Las Virgenes Rd.
Calabasas, CA 91302

Account # 2000327	
Date Billed 05/12/2010	Amount Due \$3309.52
Date Due 06/11/2010	Amount Paid

To ensure that your account is properly credited, please return top portion with payment



ENVIRONMENTAL

Keep bottom portion for your records



INVOICE

Las Virgenes Municipal Water District	Account # 2000327	Date Sampled 03/25/2010	Lab Number SP 1002917
	Invoice # 002917A	Date Billed 05/12/2010	Amount Due \$3309.52
Check Number	Date Paid	Date Due 06/11/2010	Amount Paid
Description of Work	Quantity	Rate	Charge
<u>Inorganic Analysis</u>			
Metals Total- Al,Sb,As,Ba,Be,B,Cd,Ca,Cr,Co,Cu,Fe,Pb,Li, Mg,Mn,Hg,Mo,Ni,P,K,Se,Ag,Na,S,Tl,Sn,V,Zn,C Wet Chemistry-Alk. (CaCO3),Br,Cl,Cyanide,F,NO3,NO2,Total N, PO4,SO4	4	495.00	1980.00
	4	334.00	1336.00
<u>Sub Contr. Analysis</u>			
Sub Contracted-TOC	4	85.00	340.00
Discount			-346.48
Total			3309.52

(DMB-NL)

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: 805-392-2000
FAX: 805-525-4172
CA NELAP Certification No. 01110CA

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: 209-942-0182
FAX: 209-942-0423
CA ELAP Certification No. 1563

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: 530-343-5818
FAX: 530-343-3807
CA ELAP Certification No. 2670

Field Office
Visalia, California
TEL: 559-734-9473
FAX: 559-734-8435
Mobile: 559-737-2399