April 6, 2011

Seychelle Water Filtration Products
32963 Calle Perfecto
San Juan Capistrano, CA 92675

Lab ID : SP 1103223
Customer : 2-23748

Laboratory Report

Introduction: This report package contains total of 7 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(4 pages)	: Results for each sample submitted.
Quality Control	(1 page)	: 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
Pitcher 1st Uranium Portion	03/28/2011	03/28/2011	SP 1103223-001	DW
Pitcher 2nd Uranium Portion	03/28/2011	03/28/2011	SP 1103223-002	DW
Bottle 1st Uranium Portion	03/28/2011	03/28/2011	SP 1103223-003	DW
Bottle 2nd Uranium Portion	03/28/2011	03/28/2011	SP 1103223-004	DW

Sampling and Receipt Information: All samples were received, prepared and analyzed within the method specified holding times. All samples arrived at room temperature. 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:

Radio QC

908.0	04/04/2011:204905 All analysis quality controls are within established criteria.
	04/04/2011:204906 All analysis quality controls are within established criteria.
	03/30/2011:203420 All preparation quality controls are within established criteria, except: The following note applies to Uranium: 435 Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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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: 2011-04-06

April 6, 2011

Seychelle Water Filtration Products
32963 Calle Perfecto
San Juan Capistrano, CA 92675

Lab ID : SP 1103223-001
Customer ID : 2-23748

Sampled On : March 28, 2011-00:00
Sampled By : Not Available
Received On : March 28, 2011-10:00
Matrix : Drinking Water

Description : Pitcher 1st Uranium Portion
Project : Seychelle

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Radio Chemistry[P:1]								
Uranium	0.948 ± 0.589	0.380	pCi/L	20	908.0	03/30/11:203420	908.0	04/04/11:204905

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: N/A * PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.
MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).
AV = (Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following
If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:
Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
Uranium is less than or equal to 20 pCi/L
Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

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April 6, 2011

Seychelle Water Filtration Products
32963 Calle Perfecto
San Juan Capistrano, CA 92675

Lab ID : SP 1103223-002
Customer ID : 2-23748

Sampled On : March 28, 2011-00:00
Sampled By : Not Available
Received On : March 28, 2011-10:00
Matrix : Drinking Water

Description : Pitcher 2nd Uranium Portion
Project : Seychelle

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Radio Chemistry[P:1]								
Uranium	3.43 ± 0.999	0.357	pCi/L	20	908.0	03/30/11:203420	908.0	04/04/11:204906

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: N/A * PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.
MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).
AV = (Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following
If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:
Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
Uranium is less than or equal to 20 pCi/L
Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

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Seychelle Water Filtration Products
32963 Calle Perfecto
San Juan Capistrano, CA 92675

Lab ID : SP 1103223-003
Customer ID : 2-23748

Sampled On : March 28, 2011-00:00
Sampled By : Not Available
Received On : March 28, 2011-10:00
Matrix : Drinking Water

Description : Bottle 1st Uranium Portion
Project : Seychelle

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Radio Chemistry[P:1]								
Uranium	4.89 ± 1.20	0.380	pCi/L	20	908.0	03/30/11:203420	908.0	04/04/11:204905

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: N/A * PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.
MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).
AV = (Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following
If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:
Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
Uranium is less than or equal to 20 pCi/L
Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

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April 6, 2011

Seychelle Water Filtration Products
32963 Calle Perfecto
San Juan Capistrano, CA 92675

Lab ID : SP 1103223-004
Customer ID : 2-23748

Sampled On : March 28, 2011-00:00
Sampled By : Not Available
Received On : March 28, 2011-10:00
Matrix : Drinking Water

Description : Bottle 2nd Uranium Portion
Project : Seychelle

Sample Result - Radio

Constituent	Result ± Error	MDA	Units	MCL/AL	Sample Preparation Method	Sample Preparation Date/ID	Sample Analysis Method	Sample Analysis Date/ID
Radio Chemistry[P:1]								
Uranium	5.11 ± 1.20	0.357	pCi/L	20	908.0	03/30/11:203420	908.0	04/04/11:204906

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (P) Plastic Preservatives: N/A * PQL adjusted for dilution.

MDA = Minimum Detectable Activity (Calculated at the 95% confidence level) = Data utilized by DHS to determine matrix interference.
MCL / AL = Maximum Contamination Level / Action Level. Alpha's Action Level of 5 pCi/L is based on the Assigned Value (AV).
AV = (Gross Alpha Result + (0.84 x Error)). CCR Section 64442: Drinking Water Compliance Note: Do the following
If Gross Alpha's (AV) exceeds 5 pCi/L run Uranium. If Gross Alpha's (AV) minus Uranium exceeds 5 pCi/L run Radium 226.

Drinking Water Compliance:
Gross Alpha (AV) minus Uranium is less than or equal to 15 pCi/L
Uranium is less than or equal to 20 pCi/L
Radium 226 + Radium 228 is less than or equal to 5 pCi/L

Note: Samples are held for 3-6 months prior to disposal.

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April 6, 2011
Seychelle Water Filtration Products

Lab ID : SP 1103223
Customer : 2-23748

Quality Control - Radio

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Radio								
Alpha	908.0	04/04/2011:204905	CCV	cpm	10170	41.8 %	38 - 47	
			CCB	cpm		0.100	0.15	
	908.0	04/04/2011:204906	CCV	cpm	10170	43.3 %	38 - 47	
			CCB	cpm		0.0500	0.19	
Uranium	908.0	03/30/2011:203420	RgBlk	pCi/L		0.02	1	
			LRS	pCi/L	20.86	88.7 %	54-105	
			BS	pCi/L	20.86	74.1 %	75-125	435
			BSD	pCi/L	20.86	83.9 %	75-125	
			BSRPD	pCi/L	20.86	12.3%	≤20	

Definition

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.
RgBlk	: Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.
BS	: Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSD	: Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
BSRPD	: BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.

Explanation

435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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ORIGINAL

Chain of Custody

ORIGINAL

Client: **Seychelle Water Filtration Products**
Address: 32963 Calle Perfecto
San Juan Capistrano, CA 92675

Phone: (949)234-1999 Fax: (949)234-1998
Contact Person: Carl
Project Name: **Seychelle**
Purchase Order Number:

Sampler(s) Not Available

Compositor Setup Date: ___/___/___ Time: ___/___

Lab Number: **SP 1103223** **2-23748**

Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P) Non-Potable(NP) Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Radio Chemistry-Uranium 32oz(P)	Map Ref.
1	Pitcher 1st Uranium Portion	03/28/11	00:00	G	DW				1	
2	Pitcher 2nd Uranium Portion	03/28/11	00:00	G	DW				1	
3	Bottle 1st Uranium Portion	03/28/11	00:00	G	DW				1	
4	Bottle 2nd Uranium Portion	03/28/11	00:00	G	DW				1	

Remarks:

Relinquished	Date:	Time:	Relinquished	Date:	Time:	Relinquished	Date:	Time:
Federal Express								
Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:
Michel Franco	03/28/11	10:00						

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: RRT / _____ / _____ / _____ / _____
   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. VOAs 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:

(2-23748)
Seychelle Water Filtration Products
SP 1103223
SRP-03/30/2011-16:51:39

Seychelle Radiological Water Pitcher

● Pitcher Specification

Height	270mm	Pitcher	ABS resin	Reference:
Width	280mm	Lit	ABS resin	■EPA / ANSI Approval
Depth	135mm	Handle	ABS resin	■NSF Standard #42 and #53
Weight	810.5g	Filter	See below	
Capacity	3.78L	Origin	USA	
Filtering Capability	567L			

● Filter Specification

Water Filtration Capability		1000L	Filtration Capability	National Regulated Element※A	Filtration Capability	Filtration Volume	Remarks
Pitcher Size		3.78L		Free Residual Chlorine	BDL	567L	% Equivalent to JIS S3201 test results
Filter Cartridge Capacity		?L		Cloud	85.60%		50% of JIS S3201 test results
Mineral Addition		None		Trihalomethane	99.80%		% equivalent to JIS S3201 test results ※B
Cartridge Size	Height	90mm		Chloroform	98.52%		
	OD	96mm		Bromodichloromethane	99.80%		
	Depth	–		Dibromochlropropane	98.08%		
Cartridge Mass	Dry	146g		Bromoform	99.80%		
	Wet	156g		tetrachloroethylene	>99.60%		
Water Temp.		70 degree C		Trichloroethylene	99.20%		
Filtration Water Flow Rate		1L/6 min.		1.1.1 Trichloroethane	99.76%		
Filtration Time		10–15 Min.		CAT(Pesticide) ※C	N/A		
Filtration Life		5 Mo.		2-MIB(Mold Odor)※D	N/A		
Material	Pitcher	ABS resin		Dissoluble Lead	97.50%		
	Lid	ABS resin		Iron(particle)	98.20%		
Mineral Addition		None		Aluminum (neutral)	90.00%		
Filtration Method		Ionic–Adsorption Micro–Filtration System ™ (Charcoal, Ionic–Adsorption, Natural Mineral)					
Unfiltrable Element		Dissolved Iron, heavy metals (silver, copper etc.), salt water (seawater)					

※1日3.78L使用時

※A "Household Goods Quality Labeling Act" designated 13 substances and Japan Water Purifier Association designated 2 substances
※B JIS designated test number
※C CAT (Pesticide), Simazine ※C7H12CIN5
※D 2-MIB(Mold Odor) ・・・2-Methylisoborneol

Check above contents and make corrections if necessary

●If you find any mistake or incorrect information, please revise it.
●JIS3201 test number could be the same test with what you asked JFRL
(Please check)