

APPENDIX C: CHAIN OF CUSTODY FORMS

1 of 1 GU26

Windward Environmental

CHAIN-OF-CUSTODY/TEST REQUEST FORM

1112

Project/Client Name: LDW-Seep Sampling
 Windward Project No: _____
 Contact Name: Ben + Bergquist
 Sampled By: PAC+BB

Ship to: ARI
 Attn: Shedunn hood Shipping Date: 6/29/04
 Shipping address: hand delivered Airbill Number: _____

Sample Collection Date (m/d/y)	Time	Sample Identification	Volume of Sample / # of Containers	Matrix	Test(s) Requested (check test(s) required)						Comments / Instructions [Jar tag number(s)]
					PCB/Pestic(3)	SVOCs(1)	VOCs(3)	TSS (1)	TOC (1)	DOC (1)	
6/29/04	0840	LDW-SP-71-C-F	5	H ₂ O	X	X				X	Filter
	0840	LDW-SP-71-C-U	9		X	X	X	X	X		
	1030	LDW-SP-76-C-F	5		X	X				X	Filter
	1030	LDW-SP-76-C-U	9		X	X	X	X	X		
	1300	LDW-SP-69-C-F	5		X	X				X	Filter
6/29/04	1300	LDW-SP-69-C-U	9	H ₂ O	X	X	X	X	X		

Total Number of Containers: 42 Purchase Order / Statement of Work # _____

1) Released by: Joanna Florer
 Print name: J. Florer
 Signature: [Signature]
 Company: Windward Environmental
 Date/Time: 6/29/04 1450

1) Rec'd by: [Signature]
 Company: ARI
 Date/Time: 6/29/04 1450

2) Released by: _____
 Print name: _____
 Signature: _____
 Company: _____
 Date/Time: _____

1) Rec'd by: _____
 Company: _____
 Date/Time: _____

* Distribution: White and yellow copies accompany shipment; pink-consignor's copy; white-consignee return with results; yellow-consignee's copy.
 * Instructions for completion of Chain-of-Custody/Test Request Form on back.



• 200 West Mercer Street
 Suite 401
 Seattle, WA 98119
 Tel: 206.378.1364
 Fax: 206.217.0089

22,108

To be completed by Laboratory upon sample receipt:

Date of receipt: <u>06/29/2004</u>	Laboratory W.O. #:
Condition upon receipt:	Time of receipt:
Cooler temperature:	Received by:

CHAIN-OF-CUSTODY/TEST REQUEST FORM

1115

Project/Client Name: LDW Seep Sampling
 Windward Project No:
 Contact Name: Berit Bergquist / Joanna Florer
 Sampled By: RAC, JMF, BB

Ship to: ARI
 Attn: Sue Dunnahoo
 Shipping address: hand delivered
 Shipping Date: 6/30/04
 Airbill Number:

Sample Collection Date (m/d/y)	Time	Sample Identification	Volume of Sample / # of Containers	Matrix	Test(s) Requested (check test(s) required)							Comments / Instructions [Jar tag number(s)]
					TSS 1-11	3-11 PCBpest 11	2-500m ⁴ SVOC	1-250m ⁴ TOC	1-250m ⁴ DOC	3-10m ⁴ VOC	2-500m ⁴ TPH-D	
6/30/04	0730	LDW-SP-48-C-U	10	H ₂ O	X	X	X	X		X		
	0730	LDW-SP-48-C-F	6			X	X		X			Filter prior analysis
	0945	LDW-SP-4854-C-U	14		X	X	X	X		X	X	
	0945	LDW-SP-54-C-F	6			X	X	X		X		Filter prior analysis
1225	1225	LDW-SP-82-C-U	10		X	X	X	X		X		
	1225	LDW-SP-82-C-F	6			X	X	X				Filter
	1225	LDW-SP-82-C-FD-U	10		X	X	X	X		X		
6/30/04	1225	LDW-SP-82-C-FD-F	6	H ₂ O		X	X	X				Filter

Total Number of Containers: _____ Purchase Order / Statement of Work # _____

1) Released by: <u>Joanna Florer</u> Print name: Signature: Company: <u>Windward</u> Date/Time: <u>6/30/04 1517</u>	1) Rec'd by: <u>Joel Branson</u> Company: <u>ARI E. BRANSON</u> Date/Time: <u>6/30/04 - 1517</u>	2) Released by: Print name: Signature: Company: Date/Time:	1) Rec'd by: Company: Date/Time:
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* Distribution: White and yellow copies accompany shipment; pink-consignor's copy; white-consignee return with results; yellow-consignee's copy.
 * Instructions for completion of Chain-of-Custody/Test Request Form on back.



200 West Mercer Street
 Suite 401
 Seattle, WA 98119
 Tel: 206.378.1364
 Fax: 206.217.0089

To be completed by Laboratory upon sample receipt:

Date of receipt:	Laboratory W.O. #:
Condition upon receipt:	Time of receipt:
Cooler temperature:	Received by:

CHAIN-OF-CUSTODY/TEST REQUEST FORM

1117

Project/Client Name: LDW-Scrap Sampling
 Windward Project No: _____
 Contact Name: Berit Bergquist
 Sampled By: RAC, BB, SMF

Ship to: ARI
 Attn: Sue Dunnington
 Shipping address: hand delivered
 Shipping Date: 7/1/04
 Airbill Number: _____

Sample Collection Date (m/d/y)	Time	Sample Identification	Volume of Sample / # of Containers	Matrix	Test(s) Requested (check test(s) required)							Comments / Instructions [Jar tag number(s)]	
					TSS (1-1L)	TOC (1-250)	DOC (1-250)	PCB/Pest (3-1L)	VOC (3-40ml)	SVOC (2-800ml)	TPH-D (2-400ml)		TPH-G (2-4ml)
7/1/04	8:45	LDW-SP-10-C-F	8	H ₂ O			X	X		X	X		Filter prior to analysis
7/1/04	9:15	LDW-SP-12-C-F	8				X	X		X	X		
7/1/04	10:45	LDW-SP-20-C-F	8				X	X		X	X		
7/1/04	12:00	LDW-SP-41-C-F	8				X	X		X	X		
7/1/04	12:00	LDW-SP-41-C-MS-F	8				X	X		X	X		
7/1/04	12:00	LDW-SP-41-C-MSD-F	8				X	X		X	X		Filter prior to analysis
7/1/04	8:45	LDW-SP-10-C-U			X	X		X	X	X	X		
7/1/04	9:15	LDW-SP-12-C-U	13		X	X		X	X	X	X		
7/1/04	10:45	LDW-SP-20-C-U	13		X	X		X	X	X	X		
7/1/04	12:00	LDW-SP-41-C-U	13		X	X		X	X	X	X		
7/1/04	12:00	LDW-SP-41-C-MS-U	13		X	X		X	X	X	X		
7/1/04	12:00	LDW-SP-41-C-MSD-U	13		X	X		X	X	X	X		
				H ₂ O									

Total Number of Containers: _____ Purchase Order / Statement of Work #: _____

1) Released by: <u>Joannalover</u> Print name: <u>Joannalover</u> Signature: <u>[Signature]</u> Company: <u>Windward</u> Date/Time: <u>7/1/04 1530</u>	1) Rec'd by: <u>[Signature]</u> Print name: <u>JEFF HAM</u> Company: <u>ARI</u> Date/Time: <u>7/1/04 1530</u>	2) Released by: _____ Print name: _____ Signature: _____ Company: _____ Date/Time: _____	1) Rec'd by: _____ Print name: _____ Signature: _____ Company: _____ Date/Time: _____
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* Distribution: White and yellow copies accompany shipment; pink-consignor's copy; white-consignee return with results; yellow-consignee's copy.
 * Instructions for completion of Chain-of-Custody/Test Request Form on back.



To be completed by Laboratory upon sample receipt:

Date of receipt:	Laboratory W.O. #:
Condition upon receipt:	Time of receipt:
Cooler temperature:	Received by:

2 of 2

Windward Environmental

CHAIN-OF-CUSTODY/TEST REQUEST FORM

1302

Project/Client Name: LDW Sheep Sample
 Windward Project No: _____
 Contact Name: Berit Berquist
 Sampled By: RAE, BHB, JMF

Ship to: ART
 Attn: Sue Dunnihoo
 Shipping address: hand delivered
 Shipping Date: 7/1/04
 Airbill Number: _____

Sample Collection Date (m/d/y)	Time	Sample Identification	Volume of Sample / # of Containers	Matrix	Test(s) Requested (check test(s) required)								Comments / Instructions [Jar tag number(s)]
					TSS	TOL	DOC	PCB/Pest	NOC	TPH-G	SVOC	TPH-D	
7/1/04	1330	LDW-SP-39-C-F	8	H ₂ O			X	X			X	X	Filter
	0700	LDW-SP-80-C-F	8				X	X			X	X	
	1330	LDW-SP-39-C-U	13		X	X		X	X	X	X	X	Filter
7/1/04	0700	LDW-SP-80-C-U	13	H ₂ O	X	X		X	X	X	X	X	
Total Number of Containers				Purchase Order / Statement of Work #									

1) Released by: <u>Joanna Floor</u> Print name: _____ Signature: <u>J. Floor</u> Company: <u>Windward</u> Date/Time: <u>7/1/04 1530</u>	1) Rec'd by: <u>JEFF HAM</u> Signature: <u>[Signature]</u> Company: <u>ART</u> Date/Time: <u>7/1/04 1530</u>	2) Released by: _____ Print name: _____ Signature: _____ Company: _____ Date/Time: _____	1) Rec'd by: _____ Print name: _____ Signature: _____ Company: _____ Date/Time: _____
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* Distribution: White and yellow copies accompany shipment; pink-consignor's copy; white-consignee return with results; yellow-consignee's copy.

* Instructions for completion of Chain-of-Custody/Test Request Form on back.



• 200 West Mercer Street
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 Seattle, WA 98119
 Tel: 206.378.1364
 Fax: 206.217.0089

To be completed by Laboratory upon sample receipt:

Date of receipt:	Laboratory W.O. #:
Condition upon receipt:	Time of receipt:
Cooler temperature:	Received by:

1 of 1

Windward Environmental

CHAIN-OF-CUSTODY/TEST REQUEST FORM

1269

Project/Client Name: LDW Seep Sampling
 Windward Project No: _____
 Contact Name: Barit Borgquist
 Sampled By: JMF, PAC, BAB, TMD

Ship to: ARI
 Attn: Sue Punniho
 Shipping address: Hand delivered
 Shipping Date: 7/2/09
 Airbill Number: _____

Sample Collection Date (m/d/y)	Time	Sample Identification	Volume of Sample / # of Containers	Matrix	Test(s) Requested (check test(s) required)							Comments / Instructions [Jar tag number(s)]	
					(1) TSS	(1) TOC	(3) PCB/pesticides	(2) SVOC	(3) VOC	(1) DOC	(2) TPH-G		(2) TPH-D
7/2/04	1030	LDW-SP-62-C-U	3	H₂O									
	1030	LDW-SP-62-C-F	896	H ₂ O			X	X	X ^{no}	X			Filter
	1100	LDW-SP-61-C-U	11		X	X	X	X	X				
	1100	DW-SP-61-C-F	6				X	X	X	X ^{no}			Filter
		LDW-SP-62-C-AD											
	1220	LDW-SP-64-C-U	6		no	no	X ¹	X	X ²		X ¹	X ^{no}	Only 3-10mL for both TPH+VOC
	1220	LDW-SP-64-C-F	88				X	X		X			
	1340	LDW-SP-69-C-U	4							X ^{YES}	X		
7/2/04	1340	LDW-SP-69-C-F	2	H ₂ O						X ^{no}	X		Filter

Hold until 7/3

Total Number of Containers

Purchase Order / Statement of Work #

1) Released by:
 Print name:
 Signature:
 Company:
 Date/Time:

1) Rec'd by: Willy L
 Company: ARI
 Date/Time: 7/2/09 1530

2) Released by:
 Print name:
 Signature:
 Company:
 Date/Time:

1) Rec'd by:
 Company:
 Date/Time:

* Distribution: White and yellow copies accompany shipment; pink-consignor's copy; white-consignee return with results; yellow-consignee's copy.

* Instructions for completion of Chain-of-Custody/Test Request Form on back.

To be completed by Laboratory upon sample receipt:

Date of receipt: <u>7/2/09</u>	Laboratory W.O. #: <u>6074</u>
Condition upon receipt: <u>OK</u>	Time of receipt:
Cooler temperature: <u>5.5</u>	Received by:



• 200 West Mercer Street
 Suite 401
 Seattle, WA 98119
 Tel: 206.378.1364
 Fax: 206.217.0089

Chain of Custody Record & Laboratory Analysis Request

3.0/5.0



Analytical Resources, Incorporated
 Analytical Chemists and Consultants
 4611 South 134th Place, Suite 100
 Tukwila WA 98168
 206-695-6200 206-695-6201 (fax)

ARI Assigned Number:	Turn-around Requested:	Date: 7/3/04
ARI Client Company: Windward Environmental	Phone: 206-577-1294	Page: 1 of 1
Client Contact: Berit Berquist	No. of Coolers:	Cooler Temps:

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested							Notes/Comments
					PCB/Pest (3-1L)	SVOC (2-500ml)	VOC (3-10ml)	TPH-D (2-500ml)	TSS (1-L)	TOC (1-250ml)	DOC (1-250ml)	
LDW-SP-75-C-U	7/3/04	1030	H ₂ O	10	X	X	X		X	X		
LDW-SP-75-C-MS/MSD-U		1030		3	X							
LDW-SP-75-C-F		1030		6	X	X					X	Filter
LDW-SP-75-C-MS/MSD-F		1030		3	X							Filter
LDW-SP-64-RB-S-U		1300		7	X	X		X				
LDW-SP-64-RB-MP-U	7/3/04	1230	H ₂ O	7	X	X		X				

Comments/Special Instructions Please filter + analyze LDW-SP-64-C-F samples submitted on 7/2/04 + analyze LDW-SP-64-C-U samples also submitted 7/4/04	Relinquished by (Signature): J. Florer	Received by (Signature): Eric Branson	Relinquished by (Signature):	Received by (Signature):
	Printed Name: Joanna Florer	Printed Name: ERIC BRANSON	Printed Name:	Printed Name:
	Company: Windward Env.	Company: ART	Company:	Company:
	Date & Time: 7/3/04 1510	Date & Time: 7/3/04 - 1510	Date & Time:	Date & Time:

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, notwithstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request



Analytical Resources, Incorporated
 Analytical Chemists and Consultants
 4611 South 134th Place, Suite 100
 Tukwila WA 98168
 206-695-6200 206-695-6201 (fax)

ARI Assigned Number: <i>GX14</i>	Turn-around Requested: <input checked="" type="checkbox"/>	Date: <i>7/30/04</i>
ARI Client Company: <i>Windward Env.</i>	Phone: <i>206 378-1364</i>	Page: <i>1</i> of <i>1</i>
Client Contact: <i>Bert Berquist (206 577-1291)</i>	No. of Coolers: <i>1</i>	Cooler Temp: <i>14°C</i>

Client Project Name:
LDW- Seep Sampling

Client Project #:

Samplers:
JMF, TND

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested							Notes/Comments	
					VOA 5								
7/30													
<i>LDW-SP-10-C-U</i>	<i>7/30/04</i>	<i>1100</i>	<i>H₂O</i>	<i>3</i>	<i>X</i>								
<i>LDW-SP-62-C-U</i>	<i>7/30/04</i>	<i>1130</i>	<i>H₂O</i>	<i>3</i>	<i>X</i>								
<i>Trip blank</i>	<i>7/30/04</i> <i>7/26/04</i>	<i>—</i>	<i>H₂O</i>	<i>1</i>	<i>X</i>								

Comments/Special Instructions	Relinquished by: (Signature) <i>J. Flax</i>	Received by: (Signature) <i>S. Dunn</i>	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: <i>Joanna Flax</i>	Printed Name: <i>S. DUNN</i>	Printed Name:	Printed Name:
	Company: <i>Windward</i>	Company: <i>ARI</i>	Company:	Company:
	Date & Time: <i>7/30/04 1830</i>	Date & Time: <i>07/30/2004 1830</i>	Date & Time:	Date & Time:

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

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Windward Environmental

CHAIN-OF-CUSTODY/TEST REQUEST FORM

1113

Project/Client Name: LDW-seep Sampling
 Windward Project No: _____
 Contact Name: Berit Berquist
 Sampled By: RA C + BB

Ship to: Frontier
 Attn: Russell
 Shipping address: hand delivered
 Shipping Date: 6/29/04
 Airbill Number: _____

Sample Collection Date (m/d/y)	Time	Sample Identification	Volume of Sample / # of Containers	Matrix	Test(s) Requested (check test(s) required)				Comments / Instructions [Jar tag number(s)]
					Mercury	Metals			
6/29/04	13:00	LDW-SP-69-C-F	2	H ₂ O	X	X	AL-C-3218 / FGS-B-405	filter and fix	
	13:00	LDW-SP-69-C-U	2		X	X	AL-C-505 / FGS-B-107		
	8:40	LDW-SP-71-C-F	2		X	X	AL-C-2852 / FGS-C-046	filter and fix	
	8:40	LDW-SP-71-C-U	2		X	X	AL-C-872 / FGS-B-1100		
	10:30	LDW-SP-76-C-F	2		X	X	AL-C-210 / FGS-B-917	filter and fix	
	10:30	LDW-SP-76-C-U	2	H ₂ O	X	X	AL-C-2601 / FGS-B-1129		
6/29/04	13:00	LDW-SP-69-C-AB	1	H ₂ O	X		FGS-B-558		

Total Number of Containers: 13

Purchase Order / Statement of Work # _____

1) Released by: Jeanne Flores
 Print name: J. Flores
 Signature: [Signature]
 Company: Windward
 Date/Time: 6/29/04 1545

1) Rec'd by: Barry Holger
 Company: Frontier Geosciences
 Date/Time: 6-29-04 / 1545

2) Released by: _____
 Print name: _____
 Signature: _____
 Company: _____
 Date/Time: _____

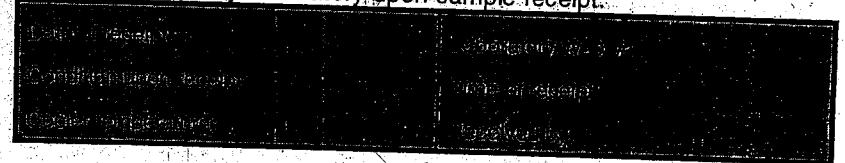
1) Rec'd by: _____
 Company: _____
 Date/Time: _____

* Distribution: White and yellow copies accompany shipment; pink-consignor's copy; white-consignee return with results; yellow-consignee's copy.
 * Instructions for completion of Chain-of-Custody/Test Request Form on back.



200 West Mercer Street
 Suite 401
 Seattle, WA 98119
 Tel: 206.378.1364
 Fax: 206.217.0089
 VTSR: 1545
 Cooler temp 2.0°C
 Hand-delivered

To be completed by Laboratory upon sample receipt:



CHAIN-OF-CUSTODY/TEST REQUEST FORM

1114

Project/Client Name: LDW-Sceap Sampling
 Windward Project No: _____
 Contact Name: Bent Bergu
 Sampled By: JMF, RAG, BB

Ship to: Frontier
 Attn: Frank Colich
 Shipping address: hand delivered
 Shipping Date: 6/30/04
 Airbill Number: _____

Sample Collection Date (m/d/y)	Time	Sample Identification	Volume of Sample / # of Containers	Matrix	Test(s) Requested (check test(s) required)				Comments / Instructions [Jar tag number(s)]
					Mercury	Metals	Hg Bottle	TM	
6/30/04	0730	LDW-SP-48-C-U (T)	2	H ₂ O	X	X	CLB 820	ALC 883	
	0730	LDW-SP-48-C-F (D)*	2		X	X	CLB 805	ALC 495	Filter Hg
	0945	LDW-SP-54-C-U (T)	2		X	X	FGS-B-870*		*
	0945	LDW-SP-54-C-F (D)*	2		X	X	CLB 636	ALC 2465	Filter Hg
	1225	LDW-SP-82-C-U (T)	2		X	X	FGS-B-579	ALC 2357	
		LDW-SP-82-C-F (D)*	3		X	X	VC 26	ALC 510	Filter Hg ALC 2912
		LDW-SP-82-C-FD-U (T)	2		X	X	CMC 166	ALC 510	*
		LDW-SP-82-C-FD-F (D)*	2		X	X	FGS-B1087	ALC 2746	Filter Hg
6/30/04	1225	LDW-SP-82-C-AB (T)	1	H ₂ O	X		CLB 612		CLB-612

Total Number of Containers: 17 Purchase Order / Statement of Work # _____

1) Released by: Janna Flores
 Print name: _____
 Signature: J. Flores
 Company: Windward
 Date/Time: 6/30/04 1605

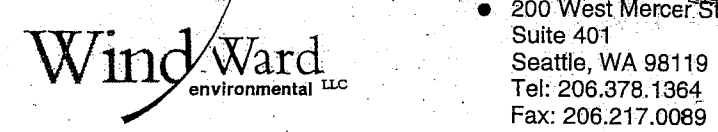
1) Rec'd by: Chris Proett
 Print name: _____
 Signature: _____
 Company: Frontier
 Date/Time: 6/30/04 415

2) Released by: * Bag not labeled w/ site
 Print name: _____
 Signature: _____
 Company: Frontier
 Date/Time: ** Bottle labeled "L"

1) Rec'd by: Melissa O'Hara
 Print name: _____
 Signature: _____
 Company: Frontier
 Date/Time: 6.30.04 16:45
 Temp: 10.6°C
 Date/Time: DW-SP-82-CF
 Date/Time: VTSR: 1610

* Distribution: White and yellow copies accompany shipment; pink-consignor's copy; white-consignee return with results; yellow-consignee's copy.

* Instructions for completion of Chain-of-Custody/Test Request Form on back. *- TM Filtered in field; Hg (to be) filtered in lab



To be completed by Laboratory upon sample receipt:

Date of receipt	Inspector
Condition upon receipt	Inspector's signature
Sample temperature	Received by

Windward Environmental

CHAIN-OF-CUSTODY/TEST REQUEST FORM

1116

Project/Client Name: LDW-Soep Sampling
 Windward Project No: _____
 Contact Name: Bert Berquist
 Sampled By: RAC, BB, JMF

Ship to: Frontier
 Attn: Frank Collich Shipping Date: 7/1/04
 Shipping address: Hand delivered Airbill Number: _____

Sample Collection Date (m/d/y)	Time	Sample Identification	Volume of Sample / # of Containers	Matrix	Test(s) Requested (check test(s) required)				Comments / Instructions [Jar tag number(s)]
					Mercury	Metals			
7/1/04	8:45	LDW-SP-10-C-F	2	H ₂ O	X	X	ALC-2572/FGS-B-1117	filter + fix Hg	
7/1/04	9:15	LDW-SP-12-C-F	2		X	X	ALC-2891/FGS-B-091		
7/1/04	10:45	LDW-SP-20-C-F	2		X	X	ALC-04109/FGS-B-682		
7/1/04	12:00	LDW-SP-41-C-F	2		X	X	ALC-2042/FGS-B-459	filter + fix Hg dissolved	
7/1/04	12:00	LDW-SP-41-C-MS-F	2					Please discard - DO NOT ANALYZE	
7/1/04	12:00	LDW-SP-41-C-MSD-F	2		X				
7/1/04	8:45	LDW-SP-10-C-U	2		X	X		Totals	
7/1/04	9:15	LDW-SP-12-C-U	2		X	X	ALC-2595/FGS-B-1075	Totals	
7/1/04	10:45	LDW-SP-20-C-U	2		X	X	ALC-1772/FGS-B-694	Totals	
7/1/04	12:00	LDW-SP-41-C-U	2		X	X	ALC-2831/FGS-B-747	Totals	
7/1/04	12:00	LDW-SP-41-C-MS-U	2						
7/1/04	12:00	LDW-SP-41-C-MSD-U	2					Please discard - DO NOT ANALYZE	
Total Number of Containers				Purchase Order / Statement of Work #					

1) Released by: <u>Joanna Flores</u> Print name: <u>Joanna Flores</u> Signature: <u>[Signature]</u> Company: <u>Windward</u> Date/Time: <u>7/1/04 1630</u>	1) Rec'd by: <u>Barry Kober / FGS</u> Company: <u>Frontier Geosciences</u> Date/Time: <u>7-1-04 / 1630</u>	2) Released by: _____ Print name: _____ Signature: _____ Company: _____ Date/Time: _____	1) Rec'd by: _____ Company: _____ Date/Time: _____
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* Distribution: White and yellow copies accompany shipment; pink-consignor's copy; white-consignee return with results; yellow-consignee's copy.
 * Instructions for completion of Chain-of-Custody/Test Request Form on back.

To be completed by Laboratory upon sample receipt:



• 200 West Mercer Street * Hand delivered *
 Suite 401
 Seattle, WA 98119
 Tel: 206.378.1364
 Fax: 206.217.0089
 Cooler Temp. 0°C



2 of 2

Windward Environmental

CHAIN-OF-CUSTODY/TEST REQUEST FORM

1301

Project/Client Name: LDW-Seep Sampling
 Windward Project No: _____
 Contact Name: Berit Berquist
 Sampled By: PAC, BAB, JMF

Ship to: Frontier
 Attn: Frank Colich Shipping Date: 7/1/04
 Shipping address: hand delivered Airbill Number: _____

Sample Collection Date (m/d/y)	Time	Sample Identification	Volume of Sample / # of Containers	Matrix	Test(s) Requested (check test(s) required)					Comments / Instructions [Jar tag number(s)]
					Total Mercury	Total Metals	Dissolved Metals	Dissolved Mercury		
7/1/04	0700	LDW-SP-80-C-F	2	H ₂ O			X	X	AL-C-2467 / FGS-B-211	
	0700	LDW-SP-80-C-U	2		X	X			AL-C-3108 / FGS-B-509	
	0700	LDW-SP-80-C-AB-U	1		X				FGS-B-606	
	1045	LDW-SP-20-C-AB-U	1		X				FGS-B-949	
	1330	LDW-SP-39-C-F	2				X	X		
7/1/04	1330	LDW-SP-39-C-U	2	H ₂ O	X	X				

Total Number of Containers: _____ Purchase Order / Statement of Work #: _____

1) Released by: <u>Joanna Florer</u> Print name: <u>J. Florer</u> Signature: <u>[Signature]</u> Company: <u>Windward</u> Date/Time: <u>7/1/04 1630</u>	1) Rec'd by: <u>Barry Kody - FGS</u> Company: <u>Frontier Geosciences</u> Date/Time: <u>7-1-04 1630</u>	2) Released by: _____ Print name: _____ Signature: _____ Company: _____ Date/Time: _____	1) Rec'd by: _____ Company: _____ Date/Time: _____
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* Distribution: White and yellow copies accompany shipment; pink-consignor's copy; white-consignee return with results; yellow-consignee's copy.

* Instructions for completion of Chain-of-Custody/Test Request Form on back.

* - sent to ARI; will arrive 7-2-04

To be completed by Laboratory upon sample receipt:



• 200 West Mercer Street
 Suite 401
 Seattle, WA 98119
 Tel: 206.378.1364
 Fax: 206.217.0089

*** Hand delivered ***

Cooler Temp: 0.0°C

Date of receipt	Laboratory W.C. #
Condition of receipt	Title of Project
Container signature	Received by

2 of 2

Windward Environmental

Page 1 of 2

CHAIN-OF-CUSTODY/TEST REQUEST FORM

1301

Project/Client Name: LDW-Seep Sampling

Ship to: Frontier

Windward Project No: _____

Attn: Frank Colich

Shipping Date: 7/1/04

Contact Name: Berit Berquist

Shipping address: hand delivered

Airbill Number: _____

Sampled By: RAC, BAB, JMF

Sample Collection Date (m/d/y)	Time	Sample Identification	Volume of Sample / # of Containers	Matrix	Test(s) Requested (check test(s) required)					Comments / Instructions (Jar tag number(s))
					Total Mercury	Total Metals	Dissolved Metals	Dissolved Mercury		
7/1/04	0700	LDW-SP-80-C-F	2	H₂O	X	X	X	X	ALC-2607/EGW-B-130	
7/1/04	0700	LDW-SP-80-C-U	2	H₂O	X	X	X	X	ALC-2607/EGW-B-130	
7/1/04	0700	LDW-SP-80-C-AB-U	1	H₂O	X	X	X	X	ALC-2607/EGW-B-130	
7/1/04	1045	LDW-SP-24-C-AB-U	1	H₂O	X	X	X	X	ALC-2607/EGW-B-130	
7/1/04	1330	LDW-SP-39-C-F	2	H₂O	X	X	X	X	ALC-3008/EGW-B-130	
<u>7/1/04</u>	<u>1330</u>	<u>LDW-SP-39-C-U</u>	<u>2</u>	<u>H₂O</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>ALC-3008/EGW-B-130</u> <u>ALC-2243/ALC-6902*</u>	<u>*-sampled in 500ml poly (500ml); to be transferred to teflon or glass in lab</u>
Total Number of Containers				Purchase Order / Statement of Work #						

1) Released by: <u>Joanna Floor</u> Print name: <u>Joanna Floor</u> Signature: <u>[Signature]</u> Company: <u>Windward</u> Date/Time: <u>7/1/04 1630</u>	1) Rec'd by: <u>[Signature]</u> Company: <u>Frontier Geosciences</u> Date/Time: <u>7/2/04 1130</u>	2) Released by: <u>Samples misdelivered yesterday to ARI; delivered by ARI (by hand)</u> Print name: _____ Signature: _____ Company: _____ Date/Time: _____	1) Rec'd by: <u>Barry Klygo/EGS</u> Company: <u>Frontier Geosciences</u> Date/Time: <u>7-2-04/1430</u>
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* Distribution: White and yellow copies accompany shipment; pink-consignor's copy; white-consignee return with results; yellow-consignee's copy.
 * Instructions for completion of Chain-of-Custody/Test Request Form on back.



200 West Mercer Street
 Suite 401
 Seattle, WA 98119
 Tel: 206.378.1364
 Fax: 206.217.0089

* - sent to ARI; will arrive 7-2-04
* Hand delivered *
Substantiated

VTSR: 1330 Cooler Temp: -0.2°C
 To be completed by Laboratory upon sample receipt:

Date of receipt	Laboratory No.
Chain of custody	Time of receipt
Cooler temperature	Received by

Frontier Geosciences Inc.

Environmental Research & Specialty Analytical Laboratory

414 Pontius Avenue North, Suite B Seattle WA 98109
(206) 622-6960 fax (206) 622-6870 Info@Frontier.WA.com

Chain-of-Custody Record & Laboratory Analysis Request

Date: 7/2/04 Page: 1 of 1

Client Company: <u>Windward</u> Address: CONTACT: <u>Berit Bergquist</u> Phone: <u>206 577-1291</u> Fax: Email: Project Name: <u>LDW Seep Sample</u> Contract/PO #:	Frontier Project Manager: <u>Frank Colich</u> Guaranteed Turnaround Time: Confirmation of Sample Arrival at Frontier: <input type="checkbox"/> YES <input type="checkbox"/> NO Quality Assurance Level: <input type="checkbox"/> Standard <input type="checkbox"/> High Disposal*: <input type="checkbox"/> Frontier-Dispose <input type="checkbox"/> Return to Client <input type="checkbox"/> Ship to 3rd Party** <small>*All samples are held for at least 2 months after date of receipt. Please note that after this time they are disposed of or returned to the client. Clients may request a longer holding time by writing to the Frontier Project Manager. **Please discuss this with the Frontier Project Manager.</small> Carrier Information: FED EX <input type="checkbox"/> UPS <input type="checkbox"/> Other <input type="checkbox"/> Tracking # <u>*Hand Delivered*</u>
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Entered by ID	Sample	Matrix	Vol	Acq. Date	Analysis Sample	Reagents	Analysis Result/Comments
ALC-1654	LDW-SP-62-C-F	H2O	1	7/2/04	BAB, RAC	HNO3	Dissolved metals
ALC-336	LDW-SP-62-C-U	BW	1	7/2/04	BAB, RA	HNO3	Total metals
ALC-2253	LDW-SP-61-C-F	↓	↓	↓	↓	HNO3	Dissolved Metals
ALC-926	LDW-SP-64-C-F	↓	↓	↓	↓	HNO3	Dissolved metals
Hg-458	LDW-SP-62-C-F	↓	↓	↓	↓	-	Dissolved Hg - filter
FGS-C-020	LDW-SP-64-C-F	↓	↓	↓	↓	-	Dissolved Hg - filter
SF-1012	LDW-SP-61-C-U	↓	↓	↓	↓	-	Total Hg
FGS-C-212	LDW-SP-61-C-F	↓	↓	↓	↓	-	Dissolved Hg - filter
FGS-C-092	LDW-SP-62-C-A B	↓	↓	↓	↓	-	Total Hg - Atmospheric blank
		↓	↓	↓	↓	-	Total Hg - Atmospheric blank

Sample Receipt C.O.C. Seal Intact? <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A Cooler Temperature: <u>10</u> °C Comments: VTSR: <u>1600</u>	Matrix Codes: FW = fresh water (salinity < 0.5 ppt) BW = brackish water SW = seawater WW = wastewater SE = sediment SO = soil AT = animal tissue PT = plant tissue TR = trap PP = petroleum product OT = other	Relinquished by: <u>J. Flor</u> Print name: <u>Johanna Florer</u> Company: <u>Windward</u> Date: <u>7/2/04</u> Time: <u>1615</u> Received by: <u>Barry Hodger</u> Print name: <u>Barry Hodger</u> Company: <u>Frontier Geosciences</u> Date: <u>7-2-04</u> Time: <u>1615</u>	Relinquished by: Print name: Company: Date: Time: Received by: Print name: Company: Date: Time:
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Chain of Custody Record & Laboratory Analysis Request



Analytical Resources, Incorporated
 Analytical Chemists and Consultants
 4611 South 134th Place, Suite 100
 Tukwila WA 98168
 206-695-6200 206-695-6201 (fax)

Assigned Number:	Turn-around Requested:	Date: 7/3/04
Client Company: Windward Environmental	Phone: 206-577-1291	Page: 1 of 1
Client Contact: Benit Berquist	No. of Coolers:	Cooler Temps:
Client Project Name: LDW-Deep Sampling	Analysis Requested	
Client Project #: []	Notes/Comments	

Sample ID	Date	Time	Matrix	No. Containers	Total Hg	Total Metals	Dissolved Hg	Dissolved Metals	Analysis Requested				Notes/Comments
LDW-SP-75-C-U	7/3/04	1030	H ₂ O	2	X	X							ALC-3028 / SWF-218
LDW-SP-75-C-F		1030		2			X	X					ALC-129 / FGS-C-244 filter + fix Hg
LDW-SP-75-C-RB-U		1030		1	X								FGS-C-106
LDW-SP-75-C-AB-U		1030		1	X								FGS-C-902 / FGS-C-106 7-3-04
LDW-SP-64-C-RB-S-U		1300		2	X	X							ALC-3083 / SPW-437
LDW-SP-64-C-RB-MP-U	7/3/04	1230	H ₂ O	2	X	X							ALC-2640 / FGS-C-009

Comments/Special Instructions LDW-SP-64-C-U + LDW-SP-64-C-F from 7/2/04 can be which were on hold can be analyzed	Relinquished by: (Signature) Benit Berquist	Received by: (Signature) Barry Hodges	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Benit Berquist	Printed Name: Barry Hodges	Printed Name:	Printed Name:
	Company: Windward Env.	Company: Frontier Geosciences	Company:	Company:
	Date & Time: 7/3/04 15:15	Date & Time: 7-3-04 / 1515	Date & Time:	Date & Time:

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

*Hand delivered to Cooler Temp: 0.0°C

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.