

APPENDIX E RAW ANALYTICAL LABORATORY DATA

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Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC19-0-1
Sample Collection:
24-Feb-2006 15:15

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-18 W

Matrix: SOLID

Sample Size: 9.99 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 31-Mar-2006 Time: 15:54:43

GC Column ID: DB5

Extract Volume (uL): 50

Sample Data Filename: DX62_142 S: 9

Injection Volume (uL): 1.0

Blank Data Filename: DX62_130 S: 5

Dilution Factor: 2.5

Cal. Ver. Data Filename: DX62_142 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 55.6

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	6420	7.84	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Mauritshorne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA

V8L 3S6 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-18

Matrix: SOLID

Sample Size: 9.99 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 Time: 04:04:48

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_080 S: 16

Injection Volume (uL): 2.0

Blank Data Filename: DB63_080 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_080 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 55.6

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		2.21	0.0501	0.75	1.000

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: Maurshorne QA/QC Chemist

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These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC19-1-2
Sample Collection:
24-Feb-2006 15:20

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-19

Matrix: SOLID

Sample Size: 10.4 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 26-Mar-2006 Time: 01:30:40

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_131 S: 8

Injection Volume (uL): 1.0

Blank Data Filename: DX62_130 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_131 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 49.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.521	0.0479	0.80	1.001
1,2,3,7,8-PECDD ³		2.01	0.0486	0.64	1.001
1,2,3,4,7,8-HXCDD		3.68	0.543	1.29	1.000
1,2,3,6,7,8-HXCDD		19.9	0.543	1.34	1.000
1,2,3,7,8,9-HXCDD		14.0	0.543	1.26	1.010
1,2,3,4,6,7,8-HPCDD	B	740	2.22	1.06	1.000
OCDD	E				
2,3,7,8-TCDF		5.52	0.161	0.81	1.002
1,2,3,7,8-PECDF		1.28	0.0509	1.62	1.000
2,3,4,7,8-PECDF	B	2.80	0.0509	1.55	1.000
1,2,3,4,7,8-HXCDF		13.0	0.120	1.28	1.000
1,2,3,6,7,8-HXCDF		3.81	0.120	1.25	1.000
1,2,3,7,8,9-HXCDF	J	0.342	0.120	1.25	1.000
2,3,4,6,7,8-HXCDF		2.57	0.120	1.30	1.000
1,2,3,4,6,7,8-HPCDF		110	1.03	1.06	1.000
1,2,3,4,7,8,9-HPCDF		8.85	1.03	1.08	1.000
OCDF		444	3.08	0.89	1.002
TOTAL TETRA-DIOXINS		8.14	0.0479		
TOTAL PENTA-DIOXINS		19.7	0.0486		
TOTAL HEXA-DIOXINS		279	0.543		
TOTAL HEPTA-DIOXINS		3560	2.22		
TOTAL TETRA-FURANS		33.9	0.161		
TOTAL PENTA-FURANS		54.1	0.0509		
TOTAL HEXA-FURANS		179	0.120		
TOTAL HEPTA-FURANS		530	1.03		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Shawn Horn* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC19-1-2
Sample Collection:
24-Feb-2006 15:20

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA

V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-19 W

Matrix: SOLID

Sample Size: 10.4 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 31-Mar-2006 Time: 14:05:40

GC Column ID: DB5

Extract Volume (uL): 50

Sample Data Filename: DX62_142 S: 7

Injection Volume (uL): 1.0

Blank Data Filename: DX62_130 S: 5

Dilution Factor: 2.5

Cal. Ver. Data Filename: DX62_142 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 49.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	6840	7.07	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Maury Horn* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC19-1-2
Sample Collection:
24-Feb-2006 15:20

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-19

Matrix: SOLID

Sample Size: 10.4 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 Time: 01:39:52

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_080 S: 12

Injection Volume (uL): 2.0

Blank Data Filename: DB63_080 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_080 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 49.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		1.41	0.0479	0.77	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Kaushik* QA/QC Chemist

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These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-20

Matrix: SOLID

Sample Size: 10.5 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 26-Mar-2006 Time: 02:25:11

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_131 S: 9

Injection Volume (uL): 1.0

Blank Data Filename: DX62_130 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_131 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 43.5

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.696	0.0478	0.71	1.001
1,2,3,7,8-PECDD ³		2.64	0.0478	0.66	1.000
1,2,3,4,7,8-HXCDD		3.65	0.333	1.26	1.000
1,2,3,6,7,8-HXCDD		22.6	0.333	1.28	1.000
1,2,3,7,8,9-HXCDD		13.2	0.333	1.23	1.010
1,2,3,4,6,7,8-HPCDD	B	671	0.755	1.05	1.000
OCDD	E				
2,3,7,8-TCDF		5.60	0.107	0.80	1.002
1,2,3,7,8-PECDF		1.35	0.0616	1.62	1.000
2,3,4,7,8-PECDF	B	3.30	0.0616	1.63	1.000
1,2,3,4,7,8-HXCDF		13.9	0.126	1.23	1.001
1,2,3,6,7,8-HXCDF		4.24	0.126	1.17	1.000
1,2,3,7,8,9-HXCDF	J	0.341	0.126	1.29	1.000
2,3,4,6,7,8-HXCDF		3.26	0.126	1.22	1.000
1,2,3,4,6,7,8-HPCDF		115	0.987	1.05	1.000
1,2,3,4,7,8,9-HPCDF		10.1	0.987	1.05	1.000
OCDF		421	3.65	0.91	1.002
TOTAL TETRA-DIOXINS		10.7	0.0478		
TOTAL PENTA-DIOXINS		22.3	0.0478		
TOTAL HEXA-DIOXINS		211	0.333		
TOTAL HEPTA-DIOXINS		2230	0.755		
TOTAL TETRA-FURANS		34.7	0.107		
TOTAL PENTA-FURANS		59.4	0.0616		
TOTAL HEXA-FURANS		188	0.126		
TOTAL HEPTA-FURANS		557	0.987		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Frank Horne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC19-2-4
Sample Collection:
24-Feb-2006 15:25

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 855-5800 FAX (250) 855-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-20 W

Matrix: SOLID

Sample Size: 10.5 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 31-Mar-2006 Time: 15:00:11

GC Column ID: DB5

Extract Volume (uL): 50

Sample Data Filename: DX62_142 S: 8

Injection Volume (uL): 1.0

Blank Data Filename: DX62_130 S: 5

Dilution Factor: 2.5

Cal. Ver. Data Filename: DX62_142 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 43.5

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	6040	1.68	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: Mawsthorpe QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC19-2-4
Sample Collection:
24-Feb-2006 15:25

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-20

Matrix: SOLID

Sample Size: 10.5 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 Time: 02:16:05

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_080 S: 13

Injection Volume (uL): 2.0

Blank Data Filename: DB63_080 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_080 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 43.5

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		1.58	0.0478	0.76	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *[Signature]* QA/QC Chemist

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These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
 PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
 LDW-SC20-0-2
 Sample Collection:
 15-Feb-2006 14:35

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
 V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-1

Matrix: SOLID

Sample Size: 10.5 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 17:37:51

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_079A S: 7

Injection Volume (uL): 2.0

Blank Data Filename: DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 43.7

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		6.09	0.0477	0.75	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Kawthorpe* QA/QC Chemist

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Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC20-0-2
Sample Collection:
15-Feb-2006 14:35

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-1

Matrix: SOLID Sample Size: 10.5 g (dry)
Sample Receipt Date: 01-Mar-2006 Initial Calibration Date: 24-Mar-2006
Extraction Date: 15-Mar-2006 Instrument ID: HR GC/MS
Analysis Date: 26-Mar-2006 Time: 10:35:32 GC Column ID: DB5
Extract Volume (uL): 20 Sample Data Filename: DX62_132 S: 4
Injection Volume (uL): 1.0 Blank Data Filename: DX62_131 S: 5
Dilution Factor: N/A Cal. Ver. Data Filename: DX62_132 S: 1
Concentration Units: ng/kg (dry weight basis) % Moisture: 43.7

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		1.88	0.0560	0.80	1.001
1,2,3,7,8-PECDD ³		3.78	0.0505	0.61	1.000
1,2,3,4,7,8-HXCDD		6.08	0.518	1.19	1.000
1,2,3,6,7,8-HXCDD		37.7	0.518	1.26	1.000
1,2,3,7,8,9-HXCDD		18.6	0.518	1.24	1.010
1,2,3,4,6,7,8-HPCDD	B	924	0.831	1.05	1.000
OCDD	E				
2,3,7,8-TCDF		95.4	0.627	0.80	1.001
1,2,3,7,8-PECDF		4.40	0.126	1.35	1.000
2,3,4,7,8-PECDF		17.6	0.126	1.50	1.001
1,2,3,4,7,8-HXCDF		39.3	0.359	1.25	1.000
1,2,3,6,7,8-HXCDF		12.1	0.359	1.30	1.000
1,2,3,7,8,9-HXCDF	J	0.545	0.359	1.16	1.000
2,3,4,6,7,8-HXCDF		6.29	0.359	1.28	1.000
1,2,3,4,6,7,8-HPCDF		273	1.70	1.05	1.000
1,2,3,4,7,8,9-HPCDF		24.8	1.70	1.00	1.000
OCDF	B	1050	8.01	0.89	1.002
TOTAL TETRA-DIOXINS		18.5	0.0477		
TOTAL PENTA-DIOXINS		34.5	0.0477		
TOTAL HEXA-DIOXINS		216	0.143		
TOTAL HEPTA-DIOXINS		1790	0.721		
TOTAL TETRA-FURANS		382	0.627		
TOTAL PENTA-FURANS		274	0.0700		
TOTAL HEXA-FURANS		453	0.359		
TOTAL HEPTA-FURANS		1200	1.70		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL; E = exceeds calibrated linear range, see dilution data.
 (2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.
 (3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *[Signature]* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC20-0-2
Sample Collection:
15-Feb-2006 14:35

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-1 W

Matrix: SOLID Sample Size: 10.5 g (dry)
Sample Receipt Date: 01-Mar-2006 Initial Calibration Date: 24-Mar-2006
Extraction Date: 15-Mar-2006 Instrument ID: HR GC/MS
Analysis Date: 31-Mar-2006 Time: 06:44:29 GC Column ID: DB5
Extract Volume (uL): 50 Sample Data Filename: DX62_141A S: 11
Injection Volume (uL): 1.0 Blank Data Filename: DX62_131 S: 5
Dilution Factor: 2.5 Cal. Ver. Data Filename: DX62_141A S: 1
Concentration Units: ng/kg (dry weight basis) % Moisture: 43.7

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	8220	48.6	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Kawthorne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-2 i

Matrix: SOLID Sample Size: 10.5 g (dry)
Sample Receipt Date: 01-Mar-2006 Initial Calibration Date: 24-Mar-2006
Extraction Date: 15-Mar-2006 Instrument ID: HR GC/MS
Analysis Date: 30-Mar-2006 Time: 17:55:14 GC Column ID: DB5
Extract Volume (uL): 20 Sample Data Filename: DX62_140 S: 11
Injection Volume (uL): 1.0 Blank Data Filename: DX62_131 S: 5
Dilution Factor: N/A Cal. Ver. Data Filename: DX62_140 S: 1
Concentration Units: ng/kg (dry weight basis) % Moisture: 44.3

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.496	0.0478	0.72	1.001
1,2,3,7,8-PECDD ³		1.15	0.0478	0.64	1.001
1,2,3,4,7,8-HXCDD		1.53	0.432	1.23	1.000
1,2,3,6,7,8-HXCDD		23.4	0.432	1.27	1.000
1,2,3,7,8,9-HXCDD		6.53	0.432	1.26	1.010
1,2,3,4,6,7,8-HPCDD	B	729	0.413	1.05	1.000
OCDD	E				
2,3,7,8-TCDF		2.87	0.108	0.80	1.001
1,2,3,7,8-PECDF		2.47	0.0706	1.60	1.001
2,3,4,7,8-PECDF		7.65	0.0706	1.57	1.000
1,2,3,4,7,8-HXCDF		52.1	3.02	1.29	1.000
1,2,3,6,7,8-HXCDF		9.78	3.02	1.24	1.000
1,2,3,7,8,9-HXCDF	U		3.02		
2,3,4,6,7,8-HXCDF		4.87	3.02	1.18	1.000
1,2,3,4,6,7,8-HPCDF		314	0.346	1.04	1.000
1,2,3,4,7,8,9-HPCDF		33.0	0.346	1.02	1.000
OCDF	B	1410	1.62	0.90	1.002
TOTAL TETRA-DIOXINS		11.3	0.0478		
TOTAL PENTA-DIOXINS		15.3	0.0478		
TOTAL HEXA-DIOXINS		112	0.432		
TOTAL HEPTA-DIOXINS		1290	0.413		
TOTAL TETRA-FURANS		33.3	0.108		
TOTAL PENTA-FURANS		121	0.0706		
TOTAL HEXA-FURANS		493	3.02		
TOTAL HEPTA-FURANS		1610	0.346		

(1) Where applicable, custom lab flags have been used on this report; U = not detected; B = analyte found in sample and the associated blank; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Kawthorne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC20-2-4
Sample Collection:
15-Feb-2006 14:40

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-2

Matrix: SOLID

Sample Size: 10.5 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 09:47:40

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_079 S: 6

Injection Volume (uL): 2.0

Blank Data Filename: DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 44.3

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	K	1.26	0.0478	0.60	1.000

(1) Where applicable, custom lab flags have been used on this report; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Shawthorne* QA/QC Chemist

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These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC20-4-6
Sample Collection: 15-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8881-2 (A)

Matrix: SOLID

Sample Size: 10.6 g (dry)

Sample Receipt Date: 05-May-2006

Initial Calibration Date: 16-May-2006

Extraction Date: 09-May-2006

Instrument ID: HR GC/MS

Analysis Date: 22-May-2006 Time: 04:05:12

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_231 S: 9

Injection Volume (uL): 1.0

Blank Data Filename: DX62_230 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_231 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 44.5

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³		3.71	0.0474	0.63	1.001
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	E				
OCDD	E				
2,3,7,8-TCDF		8.91	0.210	0.80	1.001
1,2,3,7,8-PECDF		18.4	0.126	1.59	1.000
2,3,4,7,8-PECDF		61.0	0.126	1.56	1.000
1,2,3,4,7,8-HXCDF		479	0.752	1.25	1.000
1,2,3,6,7,8-HXCDF		77.5	0.752	1.24	1.000
1,2,3,7,8,9-HXCDF		7.40	0.752	1.25	1.000
2,3,4,6,7,8-HXCDF		29.1	0.752	1.27	1.001
1,2,3,4,6,7,8-HPCDF		2650	1.43	1.05	1.000
1,2,3,4,7,8,9-HPCDF		306	1.43	1.05	1.000
OCDF	E				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS		49.9	0.0474		
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS		94.8	0.210		
TOTAL PENTA-FURANS		768	0.126		
TOTAL HEXA-FURANS		4280	0.752		
TOTAL HEPTA-FURANS		14000	1.43		

(1) Where applicable, custom lab flags have been used on this report; X = result reported separately; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by:  QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORTCLIENT SAMPLE NO.
LDW-SC20-4-6
Sample Collection: 15-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8881-2 W (A)
Sample Size: 10.6 g (dry)
Initial Calibration Date: 16-May-2006
Instrument ID: HR GC/MS
GC Column ID: DB5
Sample Data Filename: DX62_253 S: 7
Blank Data Filename: DX62_230 S: 5
Cal. Ver. Data Filename: DX62_253 S: 1
% Moisture: 44.5

Matrix: SOLID

Sample Receipt Date: 05-May-2006

Extraction Date: 09-May-2006

Analysis Date: 06-Jun-2006 Time: 03:08:23

Extract Volume (uL): 200

Injection Volume (uL): 1.0

Dilution Factor: 10

Concentration Units: ng/kg (dry weight basis)

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	D J	0.950	0.0833	0.87	1.001
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	D J	7.33	0.343	1.24	1.000
1,2,3,6,7,8-HXCDD	D	173	0.343	1.30	1.000
1,2,3,7,8,9-HXCDD	D	24.3	0.343	1.20	1.010
1,2,3,4,6,7,8-HPCDD	B D	5080	1.65	1.06	1.000
OCDD	B D	38000	4.95	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	B D	14100	3.02	0.91	1.002
TOTAL TETRA-DIOXINS	D	36.7	0.0833		
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	D	581	0.343		
TOTAL HEPTA-DIOXINS	B D	8400	1.65		
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; J = concentration less than LMCL; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by:  QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form1A.xsl; Created: 13-Jun-2006 09:54:30; Application: XMLTransformer-1.7.2;
Report Filename: 1613_DIOXINS_1613DB5_L8881-2_Form1A_SJ562301.html; Workgroup: WG19107; Design ID: 391]

These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC20-4-6
Sample Collection: 15-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8881-2 (A)

Matrix: SOLID

Sample Size: 10.6 g (dry)

Sample Receipt Date: 05-May-2006

Initial Calibration Date: 27-Apr-2006

Extraction Date: 09-May-2006

Instrument ID: HR GC/MS

Analysis Date: 21-May-2006 Time: 04:01:55

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_147D S: 16

Injection Volume (uL): 2.0

Blank Data Filename: DB63_147D S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_147D S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 44.5

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		3.84	0.0474	0.68	1.000

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by:  QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form1A.xsl; Created: 13-Jun-2006 09:55:27; Application: XMLTransformer-1.7.2; Report Filename: 1613_DIOXINS_1613DB225_L8881-2_Form1A_SJ562218.html; Workgroup: WG19107; Design ID: 391]

These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC20-4-6 (Duplicate)
Sample Collection: 15-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: WG19107-104 (DUP L8881-2)

Matrix: SOLID

Sample Size: 10.8 g (dry)

Sample Receipt Date: 05-May-2006

Initial Calibration Date: 16-May-2006

Extraction Date: 09-May-2006

Instrument ID: HR GC/MS

Analysis Date: 22-May-2006 Time: 05:54:43

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_231 S: 11

Injection Volume (uL): 1.0

Blank Data Filename: DX62_230 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_231 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 45.0

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³		3.51	0.0828	0.65	1.000
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	E				
OCDD	E				
2,3,7,8-TCDF		8.74	0.315	0.77	1.001
1,2,3,7,8-PECDF		17.7	0.109	1.54	1.001
2,3,4,7,8-PECDF		62.5	0.109	1.57	1.000
1,2,3,4,7,8-HXCDF		454	0.349	1.25	1.000
1,2,3,6,7,8-HXCDF		74.5	0.349	1.26	1.000
1,2,3,7,8,9-HXCDF		8.64	0.349	1.20	1.001
2,3,4,6,7,8-HXCDF		27.2	0.349	1.26	1.000
1,2,3,4,6,7,8-HPCDF		2330	0.973	1.05	1.000
1,2,3,4,7,8,9-HPCDF		291	0.973	1.06	1.000
OCDF	E				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS		47.4	0.0828		
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS		93.0	0.315		
TOTAL PENTA-FURANS		746	0.109		
TOTAL HEXA-FURANS		3940	0.349		
TOTAL HEPTA-FURANS		12300	0.973		

(1) Where applicable, custom lab flags have been used on this report; X = result reported separately; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by:  QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC20-4-6 (Duplicate)
Sample Collection: 15-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: WG19107-104 W (DUP L8881-2)

Matrix: SOLID

Sample Size: 10.8 g (dry)

Sample Receipt Date: 05-May-2006

Initial Calibration Date: 16-May-2006

Extraction Date: 09-May-2006

Instrument ID: HR GC/MS

Analysis Date: 06-Jun-2006 Time: 04:03:05

GC Column ID: DB5

Extract Volume (uL): 200

Sample Data Filename: DX62_253 S: 8

Injection Volume (uL): 1.0

Blank Data Filename: DX62_230 S: 5

Dilution Factor: 10

Cal. Ver. Data Filename: DX62_253 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 45.0

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	D J	0.830	0.164	0.67	1.001
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	D J	7.05	0.561	1.31	1.000
1,2,3,6,7,8-HXCDD	D	164	0.561	1.26	1.000
1,2,3,7,8,9-HXCDD	D	23.0	0.561	1.34	1.010
1,2,3,4,6,7,8-HPCDD	B D	4770	1.22	1.06	1.000
OCDD	B D	34600	10.2	0.91	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	B D	12900	4.08	0.90	1.002
TOTAL TETRA-DIOXINS	D	36.2	0.164		
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	D	551	0.561		
TOTAL HEPTA-DIOXINS	B D	7890	1.22		
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; J = concentration less than LMCL; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PCDD.

Approved by:  QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC20-8-10
Sample Collection:
15-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L9073-1 (A)

Matrix: SOLID

Sample Size: 10.7 g (dry)

Sample Receipt Date: 06-Jul-2006

Initial Calibration Date: 26-Jun-2006

Extraction Date: 11-Jul-2006

Instrument ID: HR GC/MS

Analysis Date: 20-Jul-2006 Time: 01:11:09

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_304 S: 7

Injection Volume (uL): 1.0

Blank Data Filename: DX62_303 S: 8

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_304 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 37.8

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.315	0.0469	0.70	1.001
1,2,3,7,8-PECDD ³		1.04	0.0469	0.62	1.001
1,2,3,4,7,8-HXCDD	J	0.675	0.0469	1.24	1.000
1,2,3,6,7,8-HXCDD		4.64	0.0469	1.27	1.000
1,2,3,7,8,9-HXCDD		2.19	0.0469	1.31	1.010
1,2,3,4,6,7,8-HPCDD	B	71.9	0.0810	1.05	1.000
OCDD	B	453	1.06	0.90	1.000
2,3,7,8-TCDF		4.71	0.243	0.79	1.001
1,2,3,7,8-PECDF		1.16	0.0680	1.57	1.000
2,3,4,7,8-PECDF	B	2.71	0.0680	1.53	1.000
1,2,3,4,7,8-HXCDF		2.80	0.0469	1.32	1.000
1,2,3,6,7,8-HXCDF		2.65	0.0469	1.35	1.001
1,2,3,7,8,9-HXCDF	J	0.122	0.0469	1.35	1.001
2,3,4,6,7,8-HXCDF		3.01	0.0469	1.25	1.000
1,2,3,4,6,7,8-HPCDF		61.5	0.567	1.05	1.001
1,2,3,4,7,8,9-HPCDF		1.78	0.567	1.07	1.000
OCDF	B	142	0.358	0.89	1.002
TOTAL TETRA-DIOXINS		15.4	0.0469		
TOTAL PENTA-DIOXINS		15.9	0.0469		
TOTAL HEXA-DIOXINS		34.9	0.0469		
TOTAL HEPTA-DIOXINS	B	143	0.0810		
TOTAL TETRA-FURANS		62.7	0.243		
TOTAL PENTA-FURANS		113	0.0680		
TOTAL HEXA-FURANS		84.1	0.0469		
TOTAL HEPTA-FURANS		167	0.567		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: _____ Jason MacKenzie _____ QA/QC Chemist

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC20-8-10
Sample Collection:
15-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L9073-1 (A)

Matrix: SOLID

Sample Size: 10.7 g (dry)

Sample Receipt Date: 06-Jul-2006

Initial Calibration Date: 27-Apr-2006

Extraction Date: 11-Jul-2006

Instrument ID: HR GC/MS

Analysis Date: 26-Jul-2006 Time: 13:26:16

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_182 S: 12

Injection Volume (uL): 2.0

Blank Data Filename: DB63_182 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_182 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 37.8

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	K	1.48	0.0699	0.53	1.001

(1) Where applicable, custom lab flags have been used on this report; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: _____ Jason MacKenzie _____ QA/QC Chemist

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC20-8-10 (Duplicate)
Sample Collection:
15-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No.

05-08-06-32

Lab Sample I.D.:

WG19595-104 (DUP L9073-1)

Matrix: SOLID

Sample Size:

10.6 g (dry)

Sample Receipt Date: 06-Jul-2006

Initial Calibration Date:

26-Jun-2006

Extraction Date: 11-Jul-2006

Instrument ID:

HR GC/MS

Analysis Date: 20-Jul-2006 Time: 02:06:08

GC Column ID:

DB5

Extract Volume (uL): 20

Sample Data Filename:

DX62_304 S: 8

Injection Volume (uL): 1.0

Blank Data Filename:

DX62_303 S: 8

Dilution Factor: N/A

Cal. Ver. Data Filename:

DX62_304 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture:

38.0

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.333	0.0473	0.74	1.001
1,2,3,7,8-PECDD ³		1.09	0.0473	0.64	1.001
1,2,3,4,7,8-HXCDD	J	0.725	0.0473	1.33	1.000
1,2,3,6,7,8-HXCDD		4.60	0.0473	1.30	1.000
1,2,3,7,8,9-HXCDD		2.28	0.0473	1.36	1.010
1,2,3,4,6,7,8-HPCDD	B	72.8	0.0623	1.05	1.000
OCDD	B	452	0.733	0.90	1.000
2,3,7,8-TCDF		4.53	0.213	0.79	1.001
1,2,3,7,8-PECDF		1.22	0.0601	1.53	1.000
2,3,4,7,8-PECDF	B	2.77	0.0601	1.55	1.000
1,2,3,4,7,8-HXCDF		2.96	0.0609	1.26	1.000
1,2,3,6,7,8-HXCDF		2.77	0.0609	1.29	1.000
1,2,3,7,8,9-HXCDF	J	0.134	0.0609	1.30	1.001
2,3,4,6,7,8-HXCDF		2.96	0.0609	1.28	1.001
1,2,3,4,6,7,8-HPCDF		68.4	0.0638	1.05	1.001
1,2,3,4,7,8,9-HPCDF		1.98	0.0638	0.99	1.000
OCDF	B	153	0.138	0.89	1.002
TOTAL TETRA-DIOXINS		19.9	0.0473		
TOTAL PENTA-DIOXINS		22.8	0.0473		
TOTAL HEXA-DIOXINS		35.4	0.0473		
TOTAL HEPTA-DIOXINS	B	146	0.0623		
TOTAL TETRA-FURANS		60.2	0.213		
TOTAL PENTA-FURANS		113	0.0601		
TOTAL HEXA-FURANS		87.3	0.0609		
TOTAL HEPTA-FURANS		184	0.0638		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: _____ Jason MacKenzie _____ QA/QC Chemist

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC20-8-10 (Duplicate)
Sample Collection:
15-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No.

05-08-06-32

Lab Sample I.D.:

WG19595-104 (DUP L9073-1)

Matrix: SOLID

Sample Size:

10.6 g (dry)

Sample Receipt Date: 06-Jul-2006

Initial Calibration Date:

27-Apr-2006

Extraction Date: 11-Jul-2006

Instrument ID:

HR GC/MS

Analysis Date: 26-Jul-2006 Time: 14:01:55

GC Column ID:

DB225

Extract Volume (uL): 20

Sample Data Filename:

DB63_182 S: 13

Injection Volume (uL): 2.0

Blank Data Filename:

DB63_182 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename:

DB63_182 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture:

38.0

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		1.44	0.0473	0.87	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: _____ Jason MacKenzie _____ QA/QC Chemist

Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC26-0-1
Sample Collection:
22-Feb-2006 16:00

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-12 i

Matrix: SOLID

Sample Size: 10.7 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 Time: 17:00:42

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_140 S: 10

Injection Volume (uL): 1.0

Blank Data Filename: DX62_131 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_140 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 49.3

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.485	0.0466	0.74	1.001
1,2,3,7,8-PECDD ³		1.90	0.0466	0.60	1.000
1,2,3,4,7,8-HXCDD		2.83	0.332	1.18	1.000
1,2,3,6,7,8-HXCDD		16.9	0.332	1.30	1.000
1,2,3,7,8,9-HXCDD		10.5	0.332	1.31	1.010
1,2,3,4,6,7,8-HPCDD	B	486	0.311	1.05	1.000
OCDD	E				
2,3,7,8-TCDF		6.30	0.110	0.81	1.002
1,2,3,7,8-PECDF		1.51	0.0466	1.65	1.000
2,3,4,7,8-PECDF		3.46	0.0466	1.60	1.000
1,2,3,4,7,8-HXCDF		11.7	0.0699	1.25	1.000
1,2,3,6,7,8-HXCDF		3.56	0.0699	1.24	1.000
1,2,3,7,8,9-HXCDF	J	0.226	0.0699	1.30	1.000
2,3,4,6,7,8-HXCDF		2.62	0.0699	1.22	1.000
1,2,3,4,6,7,8-HPCDF		106	0.542	1.05	1.000
1,2,3,4,7,8,9-HPCDF		9.01	0.542	1.04	1.000
OCDF	B	347	1.14	0.90	1.002
TOTAL TETRA-DIOXINS		7.40	0.0466		
TOTAL PENTA-DIOXINS		16.7	0.0466		
TOTAL HEXA-DIOXINS		138	0.332		
TOTAL HEPTA-DIOXINS		1300	0.311		
TOTAL TETRA-FURANS		35.5	0.110		
TOTAL PENTA-FURANS		59.9	0.0466		
TOTAL HEXA-FURANS		170	0.0699		
TOTAL HEPTA-FURANS		440	0.542		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Raukhorne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC26-0-1
Sample Collection:
22-Feb-2006 16:00

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5300 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-12 W

Matrix: SOLID

Sample Size: 10.7 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 31-Mar-2006 Time: 04:55:09

GC Column ID: DB5

Extract Volume (uL): 50

Sample Data Filename: DX62_141A S: 9

Injection Volume (uL): 1.0

Blank Data Filename: DX62_131 S: 5

Dilution Factor: 2.5

Cal. Ver. Data Filename: DX62_141A S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 49.3

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	4540	13.4	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Mawskhorne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC26-1-2
Sample Collection:
22-Feb-2006 16:05

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-13

Matrix: SOLID

Sample Size: 10.2 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 25-Mar-2006 Time: 11:48:02

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_130 S: 6

Injection Volume (uL): 1.0

Blank Data Filename: DX62_130 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_130 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 47.7

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.524	0.0490	0.82	1.001
1,2,3,7,8-PECDD ³		1.77	0.0490	0.64	1.001
1,2,3,4,7,8-HXCDD		2.87	0.249	1.32	1.000
1,2,3,6,7,8-HXCDD		14.1	0.249	1.29	1.001
1,2,3,7,8,9-HXCDD		9.44	0.249	1.24	1.010
1,2,3,4,6,7,8-HPCDD	B	393	0.706	1.06	1.000
OCDD	B	3450	7.43	0.91	1.000
2,3,7,8-TCDF		3.99	0.0825	0.81	1.002
1,2,3,7,8-PECDF		1.32	0.0490	1.52	1.000
2,3,4,7,8-PECDF	B	2.67	0.0490	1.47	1.000
1,2,3,4,7,8-HXCDF		9.12	0.105	1.32	1.001
1,2,3,6,7,8-HXCDF		2.99	0.105	1.27	1.000
1,2,3,7,8,9-HXCDF	J	0.283	0.105	1.28	1.000
2,3,4,6,7,8-HXCDF		2.23	0.105	1.26	1.000
1,2,3,4,6,7,8-HPCDF		63.6	0.237	1.05	1.000
1,2,3,4,7,8,9-HPCDF		5.67	0.237	0.94	1.000
OCDF		176	0.553	0.91	1.002
TOTAL TETRA-DIOXINS		7.99	0.0490		
TOTAL PENTA-DIOXINS		15.2	0.0490		
TOTAL HEXA-DIOXINS		125	0.249		
TOTAL HEPTA-DIOXINS		1070	0.706		
TOTAL TETRA-FURANS		26.1	0.0825		
TOTAL PENTA-FURANS		46.9	0.0490		
TOTAL HEXA-FURANS		116	0.105		
TOTAL HEPTA-FURANS		249	0.237		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *M. W. Shorne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC26-1-2
Sample Collection:
22-Feb-2006 16:05

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-13

Matrix: SOLID

Sample Size: 10.2 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 Time: 00:27:23

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_080 S: 10

Injection Volume (uL): 2.0

Blank Data Filename: DB63_080 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_080 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 47.7

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		1.16	0.0490	0.77	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: Mawsthorpe QA/QC Chemist

For Axy's Internal Use Only [XSL Template: Form1A.xsl; Created: 04-Apr-2006 17:08:39; Application: XMLTransformer-1.6.6; Report Filename: 1613_DIOXINS_1613DB225_L8708-13_Form1A_SJ539382.html; Workgroup: WG18543; Design ID: 391]

These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-14

Matrix: SOLID

Sample Size: 10.2 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 25-Mar-2006 Time: 12:42:35

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_130 S: 7

Injection Volume (uL): 1.0

Blank Data Filename: DX62_130 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_130 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 47.8

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.829	0.0491	0.68	1.001
1,2,3,7,8-PECDD ³		2.69	0.0491	0.57	1.000
1,2,3,4,7,8-HXCDD		3.90	0.369	1.33	1.000
1,2,3,6,7,8-HXCDD		24.4	0.369	1.32	1.000
1,2,3,7,8,9-HXCDD		13.5	0.369	1.37	1.010
1,2,3,4,6,7,8-HPCDD	B	732	0.980	1.07	1.000
OCDD	B	7140	21.7	0.90	1.000
2,3,7,8-TCDF		5.55	0.157	0.81	1.002
1,2,3,7,8-PECDF		1.73	0.0779	1.49	1.000
2,3,4,7,8-PECDF	B	3.94	0.0779	1.63	1.000
1,2,3,4,7,8-HXCDF		15.9	0.203	1.26	1.000
1,2,3,6,7,8-HXCDF		4.50	0.203	1.20	1.000
1,2,3,7,8,9-HXCDF	J	0.361	0.203	1.13	1.000
2,3,4,6,7,8-HXCDF		3.51	0.203	1.24	1.000
1,2,3,4,6,7,8-HPCDF		118	1.38	1.04	1.000
1,2,3,4,7,8,9-HPCDF		11.0	1.38	0.99	1.000
OCDF		393	3.45	0.92	1.002
TOTAL TETRA-DIOXINS		12.8	0.0491		
TOTAL PENTA-DIOXINS		24.4	0.0491		
TOTAL HEXA-DIOXINS		196	0.369		
TOTAL HEPTA-DIOXINS		1880	0.980		
TOTAL TETRA-FURANS		35.4	0.157		
TOTAL PENTA-FURANS		73.5	0.0779		
TOTAL HEXA-FURANS		207	0.203		
TOTAL HEPTA-FURANS		507	1.38		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: Maurshorn : QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC26-2-4
Sample Collection:
22-Feb-2006 16:10

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-14

Matrix: SOLID

Sample Size: 10.2 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 Time: 01:03:37

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_080 S: 11

Injection Volume (uL): 2.0

Blank Data Filename: DB63_080 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_080 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 47.8

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		1.66	0.0491	0.77	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Mawthorne* QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form1A.xsl; Created: 04-Apr-2006 17:08:39; Application: XMLTransformer-1.6.6; Report Filename: 1613_DIOXINS_1613DB225_L8708-14_Form1A_SJ539383.html; Workgroup: WG18543; Design ID: 391]

These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC26-6-8
Sample Collection: 22-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8881-1 W

Matrix: SOLID

Sample Size: 10.4 g (dry)

Sample Receipt Date: 05-May-2006

Initial Calibration Date: 16-May-2006

Extraction Date: 09-May-2006

Instrument ID: HR GC/MS

Analysis Date: 06-Jun-2006 Time: 04:57:43

GC Column ID: DB5

Extract Volume (uL): 50

Sample Data Filename: DX62_253 S: 9

Injection Volume (uL): 1.0

Blank Data Filename: DX62_230 S: 5

Dilution Factor: 2.5

Cal. Ver. Data Filename: DX62_253 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 37.3

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	D	3.36	0.0646	0.82	1.001
1,2,3,7,8-PECDD ³	D	10.5	0.0925	0.59	1.001
1,2,3,4,7,8-HXCDD	D	11.2	1.00	1.27	1.000
1,2,3,6,7,8-HXCDD	D	184	1.00	1.28	1.000
1,2,3,7,8,9-HXCDD	D	52.3	1.00	1.26	1.010
1,2,3,4,6,7,8-HPCDD	B D	5930	4.31	1.06	1.000
OCDD	E				
2,3,7,8-TCDF	D	12.4	0.213	0.79	1.001
1,2,3,7,8-PECDF	D	3.24	0.117	1.57	1.001
2,3,4,7,8-PECDF	D	5.92	0.117	1.63	1.000
1,2,3,4,7,8-HXCDF	D	40.6	0.428	1.28	1.000
1,2,3,6,7,8-HXCDF	D	12.7	0.428	1.28	1.000
1,2,3,7,8,9-HXCDF	D J	0.983	0.428	1.39	1.000
2,3,4,6,7,8-HXCDF	D	9.77	0.428	1.32	1.000
1,2,3,4,6,7,8-HPCDF	D	873	5.51	1.06	1.000
1,2,3,4,7,8,9-HPCDF	D	63.4	5.51	1.06	1.000
OCDF	B D	4420	60.9	0.91	1.002
TOTAL TETRA-DIOXINS	D	37.8	0.0646		
TOTAL PENTA-DIOXINS	D	182	0.0925		
TOTAL HEXA-DIOXINS	D	1200	1.00		
TOTAL HEPTA-DIOXINS	B D	11000	4.31		
TOTAL TETRA-FURANS	D	85.7	0.213		
TOTAL PENTA-FURANS	D	120	0.117		
TOTAL HEXA-FURANS	D	1130	0.428		
TOTAL HEPTA-FURANS	D	4850	5.51		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; J = concentration less than LMCL; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by:  QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC26-6-8
Sample Collection: 22-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8881-1 W2

Matrix: SOLID

Sample Size: 10.4 g (dry)

Sample Receipt Date: 05-May-2006

Initial Calibration Date: 16-May-2006

Extraction Date: 09-May-2006

Instrument ID: HR GC/MS

Analysis Date: 06-Jun-2006 Time: 06:54:56

GC Column ID: DB5

Extract Volume (uL): 200

Sample Data Filename: DX62_253 S: 11

Injection Volume (uL): 1.0

Blank Data Filename: DX62_230 S: 5

Dilution Factor: 10

Cal. Ver. Data Filename: DX62_253 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 37.3

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	62000	26.5	0.91	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by:  QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC26-6-8
Sample Collection: 22-Feb-2006

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8881-1

Matrix: SOLID

Sample Size: 10.4 g (dry)

Sample Receipt Date: 05-May-2006

Initial Calibration Date: 27-Apr-2006

Extraction Date: 09-May-2006

Instrument ID: HR GC/MS

Analysis Date: 21-May-2006 Time: 02:50:35

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_147D S: 14

Injection Volume (uL): 2.0

Blank Data Filename: DB63_147D S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_147D S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 37.3

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		3.32	0.0483	0.79	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by:  QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form1A.xsl; Created: 13-Jun-2006 09:55:27; Application: XMLTransformer-1.7.2; Report Filename: 1613_DIOXINS_1613DB225_L8881-1_Form1A_SJ562216.html; Workgroup: WG19107; Design ID: 391]

These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC28-0-1
Sample Collection:
25-Feb-2006 10:00

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-23

Matrix: SOLID

Sample Size: 10.6 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 26-Mar-2006 Time: 03:19:43

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_131 S: 10

Injection Volume (uL): 1.0

Blank Data Filename: DX62_130 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_131 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 47.3

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.636	0.0474	0.68	1.001
1,2,3,7,8-PECDD ³		2.05	0.0474	0.64	1.001
1,2,3,4,7,8-HXCDD		3.39	0.399	1.20	1.000
1,2,3,6,7,8-HXCDD		21.8	0.399	1.27	1.000
1,2,3,7,8,9-HXCDD		11.4	0.399	1.25	1.010
1,2,3,4,6,7,8-HPCDD	B	638	1.80	1.06	1.000
OCDD	E				
2,3,7,8-TCDF		9.37	0.221	0.80	1.001
1,2,3,7,8-PECDF		1.37	0.0721	1.64	1.001
2,3,4,7,8-PECDF	B	3.68	0.0721	1.59	1.001
1,2,3,4,7,8-HXCDF		14.1	0.142	1.28	1.000
1,2,3,6,7,8-HXCDF		3.84	0.142	1.24	1.000
1,2,3,7,8,9-HXCDF	J	0.436	0.142	1.32	1.000
2,3,4,6,7,8-HXCDF		3.01	0.142	1.25	1.000
1,2,3,4,6,7,8-HPCDF		143	1.94	1.04	1.000
1,2,3,4,7,8,9-HPCDF		12.1	1.94	1.04	1.000
OCDF		517	5.57	0.91	1.002
TOTAL TETRA-DIOXINS		9.35	0.0474		
TOTAL PENTA-DIOXINS		19.7	0.0474		
TOTAL HEXA-DIOXINS		164	0.399		
TOTAL HEPTA-DIOXINS		1730	1.80		
TOTAL TETRA-FURANS		50.1	0.221		
TOTAL PENTA-FURANS		61.6	0.0721		
TOTAL HEXA-FURANS		203	0.142		
TOTAL HEPTA-FURANS		697	1.94		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *[Signature]* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC28-0-1
Sample Collection:
25-Feb-2006 10:00

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-23 W

Matrix: SOLID

Sample Size: 10.6 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 31-Mar-2006 Time: 17:43:46

GC Column ID: DB5

Extract Volume (uL): 50

Sample Data Filename: DX62_142 S: 11

Injection Volume (uL): 1.0

Blank Data Filename: DX62_130 S: 5

Dilution Factor: 2.5

Cal. Ver. Data Filename: DX62_142 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 47.3

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	6770	1.63	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Karen Shorne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC28-0-1
Sample Collection:
25-Feb-2006 10:00

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-23

Matrix: SOLID

Sample Size: 10.6 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 Time: 04:41:02

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_080 S: 17

Injection Volume (uL): 2.0

Blank Data Filename: DB63_080 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_080 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 47.3

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		1.80	0.0474	0.75	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Shawthorne* QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form1A.xsl; Created: 04-Apr-2006 17:08:39; Application: XMLTransformer-1.6.6; Report Filename: 1613_DIOXINS_1613DB225_L8708-23_Form1A_SJ539389.html; Workgroup: WG18543; Design ID: 391]

These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-24
Sample Size: 10.5 g (dry)
Initial Calibration Date: 24-Mar-2006
Instrument ID: HR GC/MS
GC Column ID: DB5
Sample Data Filename: DX62_131 S: 11
Blank Data Filename: DX62_130 S: 5
Cal. Ver. Data Filename: DX62_131 S: 1
% Moisture: 45.0

Matrix: SOLID
Sample Receipt Date: 01-Mar-2006
Extraction Date: 17-Mar-2006
Analysis Date: 26-Mar-2006 Time: 04:14:15
Extract Volume (uL): 20
Injection Volume (uL): 1.0
Dilution Factor: N/A
Concentration Units: ng/kg (dry weight basis)

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.524	0.0478	0.73	1.001
1,2,3,7,8-PECDD ³		1.71	0.0478	0.61	1.000
1,2,3,4,7,8-HXCDD		2.51	0.202	1.26	1.000
1,2,3,6,7,8-HXCDD		17.5	0.202	1.24	1.000
1,2,3,7,8,9-HXCDD		9.85	0.202	1.23	1.010
1,2,3,4,6,7,8-HPCDD	B	513	0.733	1.05	1.000
OCDD	B	3710	12.3	0.90	1.000
2,3,7,8-TCDF		5.44	0.182	0.80	1.002
1,2,3,7,8-PECDF		1.16	0.0478	1.59	1.001
2,3,4,7,8-PECDF	B	2.47	0.0478	1.66	1.000
1,2,3,4,7,8-HXCDF		10.5	0.537	1.24	1.000
1,2,3,6,7,8-HXCDF		3.03	0.537	1.24	1.000
1,2,3,7,8,9-HXCDF	U		0.537		
2,3,4,6,7,8-HXCDF		2.12	0.537	1.23	1.000
1,2,3,4,6,7,8-HPCDF		73.8	0.682	1.06	1.000
1,2,3,4,7,8,9-HPCDF		6.35	0.682	1.06	1.000
OCDF		237	0.627	0.90	1.002
TOTAL TETRA-DIOXINS		7.26	0.0478		
TOTAL PENTA-DIOXINS		16.2	0.0478		
TOTAL HEXA-DIOXINS		137	0.202		
TOTAL HEPTA-DIOXINS		1280	0.733		
TOTAL TETRA-FURANS		31.8	0.182		
TOTAL PENTA-FURANS		45.9	0.0478		
TOTAL HEXA-FURANS		125	0.537		
TOTAL HEPTA-FURANS		299	0.682		

(1) Where applicable, custom lab flags have been used on this report; U = not detected; B = analyte found in sample and the associated blank.
(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.
(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: Mark Thorne QA/QC Chemist



**Form 1A
PCDD/PCDF ANALYSIS REPORT**

CLIENT SAMPLE NO.
LDW-SC28-1-2
Sample Collection:
25-Feb-2006 10:05

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-24

Matrix: SOLID

Sample Size: 10.5 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 **Time:** 02:52:20

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_080 S: 14

Injection Volume (uL): 2.0

Blank Data Filename: DB63_080 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_080 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 45.0

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		1.26	0.0478	0.75	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Maurice* QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form1A.xsl; Created: 04-Apr-2006 17:08:39; Application: XMLTransformer-1.6.6; Report Filename: 1613_DIOXINS_1613DB225_L8708-24_Form1A_SJ539386.html; Workgroup: WG18543; Design ID: 391]

These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC28-2-4
Sample Collection:
25-Feb-2006 10:10

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-25
Sample Size: 10.4 g (dry)
Initial Calibration Date: 24-Mar-2006
Instrument ID: HR GC/MS
GC Column ID: DB5
Sample Data Filename: DX62_131 S: 12
Blank Data Filename: DX62_130 S: 5
Cal. Ver. Data Filename: DX62_131 S: 1
% Moisture: 48.2

Matrix: SOLID
Sample Receipt Date: 01-Mar-2006
Extraction Date: 17-Mar-2006
Analysis Date: 26-Mar-2006 Time: 05:08:47
Extract Volume (uL): 20
Injection Volume (uL): 1.0
Dilution Factor: N/A
Concentration Units: ng/kg (dry weight basis)

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.551	0.0483	0.67	1.001
1,2,3,7,8-PECDD ³		1.81	0.0483	0.62	1.000
1,2,3,4,7,8-HXCDD		2.70	0.218	1.21	1.000
1,2,3,6,7,8-HXCDD		18.7	0.218	1.29	1.000
1,2,3,7,8,9-HXCDD		10.1	0.218	1.32	1.010
1,2,3,4,6,7,8-HPCDD	B	496	1.01	1.06	1.000
OCDD	E				
2,3,7,8-TCDF		4.29	0.132	0.82	1.001
1,2,3,7,8-PECDF		1.56	0.0483	1.67	1.000
2,3,4,7,8-PECDF	B	5.25	0.0483	1.59	1.000
1,2,3,4,7,8-HXCDF		26.6	0.151	1.26	1.001
1,2,3,6,7,8-HXCDF		5.78	0.151	1.20	1.000
1,2,3,7,8,9-HXCDF	J	0.413	0.151	1.12	1.000
2,3,4,6,7,8-HXCDF		3.10	0.151	1.26	1.000
1,2,3,4,6,7,8-HPCDF		87.8	0.828	1.05	1.000
1,2,3,4,7,8,9-HPCDF		8.85	0.828	1.03	1.000
OCDF		219	1.97	0.90	1.002
TOTAL TETRA-DIOXINS		7.83	0.0483		
TOTAL PENTA-DIOXINS		15.8	0.0483		
TOTAL HEXA-DIOXINS		136	0.218		
TOTAL HEPTA-DIOXINS		1380	1.01		
TOTAL TETRA-FURANS		26.7	0.132		
TOTAL PENTA-FURANS		67.9	0.0483		
TOTAL HEXA-FURANS		197	0.151		
TOTAL HEPTA-FURANS		346	0.828		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Rawdhorne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC28-2-4
Sample Collection:
25-Feb-2006 10:10

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S6 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-25 W

Matrix: SOLID

Sample Size: 10.4 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 31-Mar-2006 Time: 16:49:14

GC Column ID: DB5

Extract Volume (uL): 50

Sample Data Filename: DX62_142 S: 10

Injection Volume (uL): 1.0

Blank Data Filename: DX62_130 S: 5

Dilution Factor: 2.5

Cal. Ver. Data Filename: DX62_142 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 48.2

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	5480	0.739	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: Mark Horn QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC28-2-4
Sample Collection:
25-Feb-2006 10:10

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-25

Matrix: SOLID

Sample Size: 10.4 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 Time: 03:28:34

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_080 S: 15

Injection Volume (uL): 2.0

Blank Data Filename: DB63_080 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_080 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 48.2

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		1.31	0.0483	0.80	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Mawsthorpe* QA/QC Chemist

For Axy's Internal Use Only [XSL Template: Form1A.xsl; Created: 04-Apr-2006 17:08:39; Application: XMLTransformer-1.6.6; Report Filename: 1613_DIOXINS_1613DB225_L8708-25_Form1A_SJ539387.html; Workgroup: WG18543; Design ID: 391]

These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC29-0-1
Sample Collection:
21-Feb-2006 15:55

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-6

Matrix: SOLID

Sample Size: 11.2 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 26-Mar-2006 Time: 15:07:50

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_132 S: 9

Injection Volume (uL): 1.0

Blank Data Filename: DX62_131 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_132 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 28.8

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.325	0.0446	0.66	1.001
1,2,3,7,8-PECDD ³	J	0.883	0.0446	0.56	1.000
1,2,3,4,7,8-HXCDD		1.40	0.392	1.19	1.000
1,2,3,6,7,8-HXCDD		44.5	0.392	1.25	1.000
1,2,3,7,8,9-HXCDD		6.98	0.392	1.23	1.010
1,2,3,4,6,7,8-HPCDD	B	1270	0.432	1.07	1.000
OCDD	E				
2,3,7,8-TCDF		3.12	0.151	0.78	1.001
1,2,3,7,8-PECDF		5.82	0.0446	1.57	1.000
2,3,4,7,8-PECDF		21.3	0.0446	1.56	1.000
1,2,3,4,7,8-HXCDF		152	0.286	1.28	1.000
1,2,3,6,7,8-HXCDF		24.3	0.286	1.31	1.000
1,2,3,7,8,9-HXCDF		2.36	0.286	1.19	1.000
2,3,4,6,7,8-HXCDF		9.55	0.286	1.24	1.000
1,2,3,4,6,7,8-HPCDF		508	0.579	1.04	1.000
1,2,3,4,7,8,9-HPCDF		66.2	0.579	1.06	1.000
OCDF	B	1640	0.301	0.90	1.002
TOTAL TETRA-DIOXINS		8.51	0.0446		
TOTAL PENTA-DIOXINS		48.4	0.0446		
TOTAL HEXA-DIOXINS		296	0.392		
TOTAL HEPTA-DIOXINS		2320	0.432		
TOTAL TETRA-FURANS		27.8	0.151		
TOTAL PENTA-FURANS		255	0.0446		
TOTAL HEXA-FURANS		1200	0.286		
TOTAL HEPTA-FURANS		2660	0.579		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMC; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Rand Horne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC29-0-1
Sample Collection:
21-Feb-2006 15:55

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-6

Matrix: SOLID

Sample Size: 11.2 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 12:10:43

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_079 S: 10

Injection Volume (uL): 2.0

Blank Data Filename: DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 28.8

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	K	2.30	0.0446	0.65	1.001

(1) Where applicable, custom lab flags have been used on this report; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Mark Korne* QA/QC Chemist

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These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC29-0-1
Sample Collection:
21-Feb-2006 15:55

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-6 W

Matrix: SOLID

Sample Size: 11.2 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 31-Mar-2006 Time: 07:39:06

GC Column ID: DB5

Extract Volume (uL): 100

Sample Data Filename: DX62_141A S: 12

Injection Volume (uL): 1.0

Blank Data Filename: DX62_131 S: 5

Dilution Factor: 5

Cal. Ver. Data Filename: DX62_141A S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 28.8

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	10700	0.530	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *[Signature]* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC29-1-2
Sample Collection:
21-Feb-2006 16:00

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-7

Matrix: SOLID

Sample Size: 10.8 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 12:47:53

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_079 S: 11

Injection Volume (uL): 2.0

Blank Data Filename: DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 24.2

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	J	0.074	0.0463	0.84	1.001

(1) Where applicable, custom lab flags have been used on this report; J = concentration less than LMCL.
(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *M. Hawthorne* QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form1A.xsl; Created: 08-Apr-2006 13:21:08; Application: XMLTransformer-1.6.8; Report Filename: 1613_DIOXINS_1613DB225_L8708-7_Form1A_SJ540227.html; Workgroup: WG18542; Design ID: 391]

These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC29-1-2
Sample Collection:
21-Feb-2006 16:00

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Matrix: SOLID

Sample Receipt Date: 01-Mar-2006

Extraction Date: 15-Mar-2006

Analysis Date: 30-Mar-2006 Time: 13:22:30

Extract Volume (uL): 20

Injection Volume (uL): 1.0

Dilution Factor: N/A

Concentration Units: ng/kg (dry weight basis)

Project No. 05-08-06-32
Lab Sample I.D.: L8708-7 i

Sample Size: 11.4 g (dry)

Initial Calibration Date: 24-Mar-2006

Instrument ID: HR GC/MS

GC Column ID: DB5

Sample Data Filename: DX62_140 S: 6

Blank Data Filename: DX62_131 S: 5

Cal. Ver. Data Filename: DX62_140 S: 1

% Moisture: 24.2

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	K J	0.053	0.0440	0.32	1.001
1,2,3,7,8-PECDD ³	J	0.064	0.0440	0.61	1.001
1,2,3,4,7,8-HXCDD	K J	0.106	0.0440	1.58	1.000
1,2,3,6,7,8-HXCDD		0.891	0.0440	1.36	1.000
1,2,3,7,8,9-HXCDD	J	0.331	0.0440	1.31	1.011
1,2,3,4,6,7,8-HPCDD	B	31.1	0.0937	1.05	1.000
OCDD	B	207	0.0440	0.90	1.000
2,3,7,8-TCDF		0.240	0.0440	0.75	1.002
1,2,3,7,8-PECDF	J	0.093	0.0440	1.54	1.000
2,3,4,7,8-PECDF	J	0.284	0.0440	1.58	1.000
1,2,3,4,7,8-HXCDF		1.48	0.0440	1.18	1.000
1,2,3,6,7,8-HXCDF	J	0.311	0.0440	1.20	1.000
1,2,3,7,8,9-HXCDF	U		0.0440		
2,3,4,6,7,8-HXCDF	J	0.194	0.0440	1.27	1.000
1,2,3,4,6,7,8-HPCDF		11.1	0.0495	1.09	1.000
1,2,3,4,7,8,9-HPCDF		1.47	0.0495	1.09	1.000
OCDF	B	65.5	0.0440	0.91	1.002
TOTAL TETRA-DIOXINS		0.369	0.0440		
TOTAL PENTA-DIOXINS		1.97	0.0440		
TOTAL HEXA-DIOXINS		6.89	0.0440		
TOTAL HEPTA-DIOXINS		51.4	0.0937		
TOTAL TETRA-FURANS		2.10	0.0440		
TOTAL PENTA-FURANS		3.37	0.0440		
TOTAL HEXA-FURANS		15.6	0.0440		
TOTAL HEPTA-FURANS		60.0	0.0495		

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Mawthor* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC29-2-3.6
Sample Collection:
21-Feb-2006 16:05

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 855-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-8 i (A)

Matrix: SOLID Sample Size: 11.4 g (dry)
Sample Receipt Date: 01-Mar-2006 Initial Calibration Date: 24-Mar-2006
Extraction Date: 15-Mar-2006 Instrument ID: HR GC/MS
Analysis Date: 30-Mar-2006 Time: 11:33:25 GC Column ID: DB5
Extract Volume (uL): 20 Sample Data Filename: DX62_140 S: 4
Injection Volume (uL): 1.0 Blank Data Filename: DX62_131 S: 5
Dilution Factor: N/A Cal. Ver. Data Filename: DX62_140 S: 1
Concentration Units: ng/kg (dry weight basis) % Moisture: 16.5

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	U		0.0440		
1,2,3,7,8-PECDD ³	U		0.0440		
1,2,3,4,7,8-HXCDD	U		0.0440		
1,2,3,6,7,8-HXCDD	J	0.103	0.0440	1.30	1.000
1,2,3,7,8,9-HXCDD	K J	0.070	0.0440	1.53	1.010
1,2,3,4,6,7,8-HPCDD	B	2.45	0.0440	1.05	1.000
OCDD	B	20.5	0.0440	0.92	1.000
2,3,7,8-TCDF	U		0.0440		
1,2,3,7,8-PECDF	U		0.0440		
2,3,4,7,8-PECDF	K J	0.061	0.0440	1.09	1.001
1,2,3,4,7,8-HXCDF	J	0.162	0.0440	1.41	1.000
1,2,3,6,7,8-HXCDF	U		0.0440		
1,2,3,7,8,9-HXCDF	U		0.0440		
2,3,4,6,7,8-HXCDF	U		0.0440		
1,2,3,4,6,7,8-HPCDF	J	0.645	0.0440	1.13	1.000
1,2,3,4,7,8,9-HPCDF	K J	0.093	0.0440	1.29	1.000
OCDF	B	2.10	0.0440	0.91	1.002
TOTAL TETRA-DIOXINS		0.070	0.0440		
TOTAL PENTA-DIOXINS		0.167	0.0440		
TOTAL HEXA-DIOXINS		1.05	0.0440		
TOTAL HEPTA-DIOXINS		5.14	0.0440		
TOTAL TETRA-FURANS		0.045	0.0440		
TOTAL PENTA-FURANS		0.112	0.0440		
TOTAL HEXA-FURANS		1.14	0.0440		
TOTAL HEPTA-FURANS		2.58	0.0440		

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *R. Hawthorne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC29-2-3.6
Sample Collection:
21-Feb-2006 16:05

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-8 (A)

Matrix: SOLID

Sample Size: 11.4 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 13:24:35

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_079 S: 12

Injection Volume (uL): 2.0

Blank Data Filename: DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 16.5

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	U		0.0440		

(1) Where applicable, custom lab flags have been used on this report; U = not detected.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Klaus Horn* QA/QC Chemist

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Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC29-2-3.6 (Duplicate)
Sample Collection:
21-Feb-2006 16:05

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No.

05-08-06-32

Lab Sample I.D.:

WG18542-104 i (DUP L8708-8)

Matrix: SOLID

Sample Size: 10.3 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 Time: 12:27:57

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_140 S: 5

Injection Volume (uL): 1.0

Blank Data Filename: DX62_131 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_140 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 18.7

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	U		0.0487		
1,2,3,7,8-PECDD ³	U		0.0487		
1,2,3,4,7,8-HXCDD	U		0.0487		
1,2,3,6,7,8-HXCDD	K J	0.136	0.0487	0.92	1.000
1,2,3,7,8,9-HXCDD	K J	0.066	0.0487	1.52	1.010
1,2,3,4,6,7,8-HPCDD	B	2.66	0.0487	1.06	1.000
OCDD	B	21.3	0.0487	0.88	1.000
2,3,7,8-TCDF	U		0.0487		
1,2,3,7,8-PECDF	U		0.0487		
2,3,4,7,8-PECDF	J	0.067	0.0487	1.71	1.000
1,2,3,4,7,8-HXCDF	J	0.190	0.0487	1.17	1.000
1,2,3,6,7,8-HXCDF	U		0.0487		
1,2,3,7,8,9-HXCDF	U		0.0487		
2,3,4,6,7,8-HXCDF	U		0.0487		
1,2,3,4,6,7,8-HPCDF	J	0.841	0.0487	1.06	1.000
1,2,3,4,7,8,9-HPCDF	K J	0.119	0.0487	0.88	1.000
OCDF	B	2.05	0.0487	0.92	1.002
TOTAL TETRA-DIOXINS	U		0.0487		
TOTAL PENTA-DIOXINS	U		0.0487		
TOTAL HEXA-DIOXINS		0.617	0.0487		
TOTAL HEPTA-DIOXINS		4.72	0.0487		
TOTAL TETRA-FURANS	U		0.0487		
TOTAL PENTA-FURANS		0.196	0.0487		
TOTAL HEXA-FURANS		1.44	0.0487		
TOTAL HEPTA-FURANS		3.14	0.0487		

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *[Signature]* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC29-2-3.6 (Duplicate)
Sample Collection:
21-Feb-2006 16:05

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No.

05-08-06-32

Lab Sample I.D.:

WG18542-104 (DUP L8708-8)

Matrix: SOLID

Sample Size:

10.3 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date:

28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID:

HR GC/MS

Analysis Date: 29-Mar-2006 Time: 14:00:29

GC Column ID:

DB225

Extract Volume (uL): 20

Sample Data Filename:

DB63_079A S: 1

Injection Volume (uL): 2.0

Blank Data Filename:

DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename:

DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture:

18.7

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	U		0.0487		

(1) Where applicable, custom lab flags have been used on this report; U = not detected.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *[Signature]* QA/QC Chemist

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Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC39-0-1
Sample Collection:
16-Feb-2006 11:45

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-3

Matrix: SOLID

Sample Size: 11.0 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 10:23:26

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_079 S: 7

Injection Volume (uL): 2.0

Blank Data Filename: DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 24.4

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	K	0.621	0.0455	0.53	1.001

(1) Where applicable, custom lab flags have been used on this report; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Shawn Horne* QA/QC Chemist

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Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC39-1-2
Sample Collection:
16-Feb-2006 11:50

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-4

Matrix: SOLID

Sample Size: 11.7 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 26-Mar-2006 Time: 13:18:54

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_132 S: 7

Injection Volume (uL): 1.0

Blank Data Filename: DX62_131 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_132 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 18.4

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.408	0.0428	0.75	1.001
1,2,3,7,8-PECDD ³		2.84	0.0428	0.64	1.000
1,2,3,4,7,8-HXCDD		5.55	0.0795	1.43	1.000
1,2,3,6,7,8-HXCDD		15.7	0.0795	1.15	1.000
1,2,3,7,8,9-HXCDD		15.1	0.0795	1.25	1.010
1,2,3,4,6,7,8-HPCDD	B	339	0.359	1.06	1.000
OCDD	B	2150	9.43	0.90	1.000
2,3,7,8-TCDF		2.01	0.0551	0.77	1.002
1,2,3,7,8-PECDF	J	0.556	0.0428	1.53	1.000
2,3,4,7,8-PECDF		1.11	0.0428	1.62	1.001
1,2,3,4,7,8-HXCDF		3.75	0.0734	1.33	1.000
1,2,3,6,7,8-HXCDF		1.66	0.0734	1.32	1.000
1,2,3,7,8,9-HXCDF	K J	0.141	0.0734	0.97	1.001
2,3,4,6,7,8-HXCDF		1.25	0.0734	1.31	1.000
1,2,3,4,6,7,8-HPCDF		35.9	0.207	1.04	1.000
1,2,3,4,7,8,9-HPCDF		2.27	0.207	1.10	1.000
OCDF	B	103	0.561	0.89	1.002
TOTAL TETRA-DIOXINS		3.40	0.0428		
TOTAL PENTA-DIOXINS		12.4	0.0428		
TOTAL HEXA-DIOXINS		106	0.0795		
TOTAL HEPTA-DIOXINS		637	0.359		
TOTAL TETRA-FURANS		14.0	0.0551		
TOTAL PENTA-FURANS		29.8	0.0428		
TOTAL HEXA-FURANS		58.8	0.0734		
TOTAL HEPTA-FURANS		113	0.207		

(1) Where applicable, custom lab flags have been used on this report; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Manshorh* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC39-1-2
Sample Collection:
16-Feb-2006 11:50

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-4

Matrix: SOLID

Sample Size: 11.7 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 10:59:12

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_079 S: 8

Injection Volume (uL): 2.0

Blank Data Filename: DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 18.4

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	K	0.637	0.0428	0.49	1.000

(1) Where applicable, custom lab flags have been used on this report; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *M. Hawthorne* QA/QC Chemist

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Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC39-2-4
Sample Collection:
16-Feb-2006 11:55

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-5

Matrix: SOLID

Sample Size: 10.8 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 26-Mar-2006 Time: 14:13:22

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_132 S: 8

Injection Volume (uL): 1.0

Blank Data Filename: DX62_131 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_132 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 31.2

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.920	0.0463	0.78	1.001
1,2,3,7,8-PECDD ³		2.64	0.0463	0.62	1.000
1,2,3,4,7,8-HXCDD		2.80	0.118	1.23	1.000
1,2,3,6,7,8-HXCDD		13.3	0.118	1.26	1.000
1,2,3,7,8,9-HXCDD		10.9	0.118	1.28	1.010
1,2,3,4,6,7,8-HPCDD	B	265	0.366	1.05	1.000
OCDD	B	2300	7.01	0.90	1.000
2,3,7,8-TCDF		2.58	0.105	0.80	1.002
1,2,3,7,8-PECDF		0.961	0.0588	1.67	1.000
2,3,4,7,8-PECDF		2.23	0.0588	1.57	1.001
1,2,3,4,7,8-HXCDF		12.7	0.0491	1.23	1.000
1,2,3,6,7,8-HXCDF		3.61	0.0491	1.25	1.000
1,2,3,7,8,9-HXCDF	J	0.286	0.0491	1.42	1.000
2,3,4,6,7,8-HXCDF		2.29	0.0491	1.32	1.000
1,2,3,4,6,7,8-HPCDF		76.1	0.405	1.06	1.000
1,2,3,4,7,8,9-HPCDF		6.40	0.405	1.05	1.000
OCDF	B	152	0.263	0.90	1.002
TOTAL TETRA-DIOXINS		9.14	0.0463		
TOTAL PENTA-DIOXINS		15.8	0.0463		
TOTAL HEXA-DIOXINS		88.4	0.118		
TOTAL HEPTA-DIOXINS		519	0.366		
TOTAL TETRA-FURANS		35.5	0.105		
TOTAL PENTA-FURANS		73.3	0.0588		
TOTAL HEXA-FURANS		129	0.0491		
TOTAL HEPTA-FURANS		244	0.405		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Frank Horne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC39-2-4
Sample Collection:
16-Feb-2006 11:55

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-5

Matrix: SOLID

Sample Size: 10.8 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 11:34:58

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_079 S: 9

Injection Volume (uL): 2.0

Blank Data Filename: DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 31.2

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	K	1.10	0.0464	0.45	1.001

(1) Where applicable, custom lab flags have been used on this report; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Mandy Horne* QA/QC Chemist

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These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC40-0-1.3
Sample Collection:
24-Feb-2006 09:15

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-15
Sample Size: 10.4 g (dry)
Initial Calibration Date: 24-Mar-2006
Instrument ID: HR GC/MS
GC Column ID: DB5
Sample Data Filename: DX62_130 S: 8
Blank Data Filename: DX62_130 S: 5
Cal. Ver. Data Filename: DX62_130 S: 1
% Moisture: 23.0

Matrix: SOLID
Sample Receipt Date: 01-Mar-2006
Extraction Date: 17-Mar-2006
Analysis Date: 25-Mar-2006 Time: 13:37:08
Extract Volume (uL): 20
Injection Volume (uL): 1.0
Dilution Factor: N/A
Concentration Units: ng/kg (dry weight basis)

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.398	0.0480	0.88	1.001
1,2,3,7,8-PECDD ³		1.01	0.0480	0.53	1.001
1,2,3,4,7,8-HXCDD		1.43	0.0835	1.34	1.000
1,2,3,6,7,8-HXCDD		6.56	0.0835	1.30	1.000
1,2,3,7,8,9-HXCDD		5.28	0.0835	1.29	1.010
1,2,3,4,6,7,8-HPCDD	B	186	0.375	1.04	1.000
OCDD	B	1830	7.36	0.90	1.000
2,3,7,8-TCDF		1.62	0.0480	0.79	1.003
1,2,3,7,8-PECDF	J	0.410	0.0480	1.70	1.001
2,3,4,7,8-PECDF	B	1.10	0.0480	1.61	1.000
1,2,3,4,7,8-HXCDF		5.24	0.0759	1.32	1.000
1,2,3,6,7,8-HXCDF		1.46	0.0759	1.29	1.000
1,2,3,7,8,9-HXCDF	K J	0.113	0.0759	0.83	1.000
2,3,4,6,7,8-HXCDF		1.01	0.0759	1.08	1.000
1,2,3,4,6,7,8-HPCDF		35.1	0.124	1.07	1.000
1,2,3,4,7,8,9-HPCDF		2.26	0.124	1.01	1.000
OCDF		99.8	0.198	0.90	1.002
TOTAL TETRA-DIOXINS		2.77	0.0480		
TOTAL PENTA-DIOXINS		6.75	0.0480		
TOTAL HEXA-DIOXINS		48.6	0.0835		
TOTAL HEPTA-DIOXINS		393	0.375		
TOTAL TETRA-FURANS		10.9	0.0480		
TOTAL PENTA-FURANS		17.5	0.0480		
TOTAL HEXA-FURANS		49.8	0.0759		
TOTAL HEPTA-FURANS		112	0.124		

(1) Where applicable, custom lab flags have been used on this report; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Mawsthorpe* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC40-0-1.3
Sample Collection:
24-Feb-2006 09:15

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-15

Matrix: SOLID

Sample Size: 10.4 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 23:51:08

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_080 S: 9

Injection Volume (uL): 2.0

Blank Data Filename: DB63_080 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_080 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 23.0

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		0.451	0.0480	0.70	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Mawdhorne* QA/QC Chemist

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These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-16
Sample Size: 10.7 g (dry)
Initial Calibration Date: 24-Mar-2006
Instrument ID: HR GC/MS
GC Column ID: DB5
Sample Data Filename: DX62_131 S: 6
Blank Data Filename: DX62_130 S: 5
Cal. Ver. Data Filename: DX62_131 S: 1
% Moisture: 23.6

Matrix: SOLID
Sample Receipt Date: 01-Mar-2006
Extraction Date: 17-Mar-2006
Analysis Date: 25-Mar-2006 Time: 23:41:36
Extract Volume (uL): 20
Injection Volume (uL): 1.0
Dilution Factor: N/A
Concentration Units: ng/kg (dry weight basis)

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	U		0.0467		
1,2,3,7,8-PECDD ³	J	0.085	0.0467	0.53	1.001
1,2,3,4,7,8-HXCDD	J	0.171	0.0467	1.10	1.000
1,2,3,6,7,8-HXCDD	J	0.430	0.0467	1.33	1.000
1,2,3,7,8,9-HXCDD	J	0.471	0.0467	1.28	1.011
1,2,3,4,6,7,8-HPCDD	B	12.9	0.0628	1.01	1.000
OCDD	B	100	0.0756	0.90	1.000
2,3,7,8-TCDF	J	0.132	0.0467	0.85	1.002
1,2,3,7,8-PECDF	U		0.0467		
2,3,4,7,8-PECDF	B J	0.109	0.0467	1.36	1.000
1,2,3,4,7,8-HXCDF	J	0.205	0.0467	1.35	1.000
1,2,3,6,7,8-HXCDF	J	0.135	0.0467	1.33	1.000
1,2,3,7,8,9-HXCDF	U		0.0467		
2,3,4,6,7,8-HXCDF	J	0.146	0.0467	1.10	1.000
1,2,3,4,6,7,8-HPCDF	J	2.16	0.0467	1.00	1.000
1,2,3,4,7,8,9-HPCDF	J	0.127	0.0467	1.03	1.000
OCDF		3.51	0.0467	0.88	1.002
TOTAL TETRA-DIOXINS		0.052	0.0467		
TOTAL PENTA-DIOXINS		0.262	0.0467		
TOTAL HEXA-DIOXINS		3.44	0.0467		
TOTAL HEPTA-DIOXINS		25.3	0.0628		
TOTAL TETRA-FURANS		0.959	0.0467		
TOTAL PENTA-FURANS		4.40	0.0467		
TOTAL HEXA-FURANS		4.86	0.0467		
TOTAL HEPTA-FURANS		4.70	0.0467		

(1) Where applicable, custom lab flags have been used on this report; U = not detected; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Mark Khorne* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC40-1.3-2
Sample Collection:
24-Feb-2006 09:20

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-16

Matrix: SOLID

Sample Size: 10.7 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 23:14:53

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_080 S: 8

Injection Volume (uL): 2.0

Blank Data Filename: DB63_080 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_080 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 23.6

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	U		0.0467		

(1) Where applicable, custom lab flags have been used on this report; U = not detected.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Murray Shorne* QA/QC Chemist

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These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC40-2-4
Sample Collection:
24-Feb-2006 09:25

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-17 i (A)
Sample Size: 10.5 g (dry)
Initial Calibration Date: 24-Mar-2006
Instrument ID: HR GC/MS
GC Column ID: DB5
Sample Data Filename: DX62_142 S: 5
Blank Data Filename: DX62_130 S: 5
Cal. Ver. Data Filename: DX62_142 S: 1
% Moisture: 19.7

Matrix: SOLID
Sample Receipt Date: 01-Mar-2006
Extraction Date: 17-Mar-2006
Analysis Date: 31-Mar-2006 Time: 12:16:36
Extract Volume (uL): 20
Injection Volume (uL): 1.0
Dilution Factor: N/A
Concentration Units: ng/kg (dry weight basis)

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	U		0.0478		
1,2,3,7,8-PECDD ³	U		0.0478		
1,2,3,4,7,8-HXCDD	U		0.0478		
1,2,3,6,7,8-HXCDD	U		0.0478		
1,2,3,7,8,9-HXCDD	U		0.0478		
1,2,3,4,6,7,8-HPCDD	K B J	0.309	0.0478	1.32	1.000
OCDD	B	2.93	0.0478	0.86	1.000
2,3,7,8-TCDF	U		0.0478		
1,2,3,7,8-PECDF	U		0.0478		
2,3,4,7,8-PECDF	U		0.0478		
1,2,3,4,7,8-HXCDF	U		0.0478		
1,2,3,6,7,8-HXCDF	U		0.0478		
1,2,3,7,8,9-HXCDF	U		0.0478		
2,3,4,6,7,8-HXCDF	U		0.0478		
1,2,3,4,6,7,8-HPCDF	U		0.0520		
1,2,3,4,7,8,9-HPCDF	U		0.0523		
OCDF	J	0.098	0.0478	0.81	1.002
TOTAL TETRA-DIOXINS	U		0.0478		
TOTAL PENTA-DIOXINS	U		0.0478		
TOTAL HEXA-DIOXINS		0.209	0.0478		
TOTAL HEPTA-DIOXINS		0.425	0.0478		
TOTAL TETRA-FURANS	U		0.0478		
TOTAL PENTA-FURANS	U		0.0478		
TOTAL HEXA-FURANS	U		0.0478		
TOTAL HEPTA-FURANS	U		0.0520		

(1) Where applicable, custom lab flags have been used on this report; U = not detected; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: M. A. Shaw QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC40-2-4 (Duplicate)
Sample Collection:
24-Feb-2006 09:25

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA

V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: WG18543-104 i (DUP L8708-17)

Matrix: SOLID

Sample Size: 10.6 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 17-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 31-Mar-2006 Time: 13:11:08

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_142 S: 6

Injection Volume (uL): 1.0

Blank Data Filename: DX62_130 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_142 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 18.3

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.302	0.0471	0.66	1.001
1,2,3,7,8-PECDD ³	U		0.0471		
1,2,3,4,7,8-HXCDD	U		0.0471		
1,2,3,6,7,8-HXCDD	U		0.0471		
1,2,3,7,8,9-HXCDD	U		0.0471		
1,2,3,4,6,7,8-HPCDD	B J	0.307	0.0471	1.00	1.000
OCDD	B	2.91	0.0471	0.92	1.000
2,3,7,8-TCDF	J	0.091	0.0471	0.75	1.003
1,2,3,7,8-PECDF	U		0.0471		
2,3,4,7,8-PECDF	U		0.0471		
1,2,3,4,7,8-HXCDF	U		0.0471		
1,2,3,6,7,8-HXCDF	U		0.0471		
1,2,3,7,8,9-HXCDF	U		0.0471		
2,3,4,6,7,8-HXCDF	U		0.0471		
1,2,3,4,6,7,8-HPCDF	U		0.0471		
1,2,3,4,7,8,9-HPCDF	U		0.0471		
OCDF	J	0.077	0.0471	1.02	1.002
TOTAL TETRA-DIOXINS		0.412	0.0471		
TOTAL PENTA-DIOXINS	U		0.0471		
TOTAL HEXA-DIOXINS		0.164	0.0471		
TOTAL HEPTA-DIOXINS		0.685	0.0471		
TOTAL TETRA-FURANS		0.164	0.0471		
TOTAL PENTA-FURANS	U		0.0471		
TOTAL HEXA-FURANS	U		0.0471		
TOTAL HEPTA-FURANS	U		0.0471		

(1) Where applicable, custom lab flags have been used on this report; U = not detected; B = analyte found in sample and the associated blank; J = concentration less than LMCL.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *[Signature]* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC40-2-4
Sample Collection:
24-Feb-2006 09:25

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-17 (A)
Sample Size: 10.4 g (dry)
Initial Calibration Date: 28-Jan-2006
Instrument ID: HR GC/MS
GC Column ID: DB225
Sample Data Filename: DB63_080 S: 6
Blank Data Filename: DB63_080 S: 5
Cal. Ver. Data Filename: DB63_080 S: 2
% Moisture: 19.7

Matrix: SOLID
Sample Receipt Date: 01-Mar-2006
Extraction Date: 17-Mar-2006
Analysis Date: 29-Mar-2006 Time: 22:02:23
Extract Volume (uL): 20
Injection Volume (uL): 2.0
Dilution Factor: N/A
Concentration Units: ng/kg (dry weight basis)

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	U		0.0479		

(1) Where applicable, custom lab flags have been used on this report; U = not detected.
(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *M. Hawthorn* QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form1A.xsl; Created: 04-Apr-2006 17:08:39; Application: XMLTransformer-1.6.6; Report Filename: 1613_DIOXINS_1613DB225_L8708-17_Form1A_SJ539378.html; Workgroup: WG18543; Design ID: 391]

These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC40-2-4 (Duplicate)
Sample Collection:
24-Feb-2006 09:25

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: WG18543-104 (DUP L8708-17)
Sample Size: 10.6 g (dry)
Initial Calibration Date: 28-Jan-2006
Instrument ID: HR GC/MS
GC Column ID: DB225
Sample Data Filename: DB63_080 S: 7
Blank Data Filename: DB63_080 S: 5
Cal. Ver. Data Filename: DB63_080 S: 2
% Moisture: 18.3

Matrix: SOLID
Sample Receipt Date: 01-Mar-2006
Extraction Date: 17-Mar-2006
Analysis Date: 29-Mar-2006 Time: 22:38:38
Extract Volume (uL): 20
Injection Volume (uL): 2.0
Dilution Factor: N/A
Concentration Units: ng/kg (dry weight basis)

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF	U		0.0471		

(1) Where applicable, custom lab flags have been used on this report; U = not detected.
(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: Mawthorn QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

LDW-SC41-0-1
Sample Collection:
21-Feb-2006 10:30

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Matrix: SOLID

Sample Receipt Date: 01-Mar-2006

Extraction Date: 15-Mar-2006

Analysis Date: 30-Mar-2006 Time: 16:06:09

Extract Volume (uL): 20

Injection Volume (uL): 1.0

Dilution Factor: N/A

Concentration Units: ng/kg (dry weight basis)

Project No. 05-08-06-32
Lab Sample I.D.: L8708-9 i
Sample Size: 10.2 g (dry)
Initial Calibration Date: 24-Mar-2006
Instrument ID: HR GC/MS
GC Column ID: DB5
Sample Data Filename: DX62_140 S: 9
Blank Data Filename: DX62_131 S: 5
Cal. Ver. Data Filename: DX62_140 S: 1
% Moisture: 52.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.535	0.0493	0.72	1.001
1,2,3,7,8-PECDD ³		1.78	0.0493	0.62	1.001
1,2,3,4,7,8-HXCDD		3.03	0.206	1.18	1.000
1,2,3,6,7,8-HXCDD		17.3	0.206	1.26	1.000
1,2,3,7,8,9-HXCDD		9.39	0.206	1.21	1.010
1,2,3,4,6,7,8-HPCDD	B	430	0.373	1.06	1.000
OCDD	E				
2,3,7,8-TCDF		5.02	0.0836	0.79	1.002
1,2,3,7,8-PECDF		1.20	0.0600	1.65	1.001
2,3,4,7,8-PECDF		2.54	0.0600	1.56	1.000
1,2,3,4,7,8-HXCDF		8.05	0.251	1.22	1.001
1,2,3,6,7,8-HXCDF		3.21	0.251	1.14	1.000
1,2,3,7,8,9-HXCDF	U		0.251		
2,3,4,6,7,8-HXCDF		2.31	0.251	1.26	1.000
1,2,3,4,6,7,8-HPCDF		77.1	0.324	1.05	1.000
1,2,3,4,7,8,9-HPCDF		6.58	0.324	1.05	1.000
OCDF	B	225	0.657	0.89	1.002
TOTAL TETRA-DIOXINS		6.62	0.0493		
TOTAL PENTA-DIOXINS		14.5	0.0493		
TOTAL HEXA-DIOXINS		125	0.206		
TOTAL HEPTA-DIOXINS		1120	0.373		
TOTAL TETRA-FURANS		31.9	0.0836		
TOTAL PENTA-FURANS		51.3	0.0600		
TOTAL HEXA-FURANS		129	0.251		
TOTAL HEPTA-FURANS		291	0.324		

(1) Where applicable, custom lab flags have been used on this report; U = not detected; B = analyte found in sample and the associated blank; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Mandy Wong* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC41-0-1
Sample Collection:
21-Feb-2006 10:30

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-9

Matrix: SOLID

Sample Size: 10.2 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 14:36:43

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_079A S: 2

Injection Volume (uL): 2.0

Blank Data Filename: DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 52.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		1.21	0.0493	0.85	1.000

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *[Signature]* QA/QC Chemist

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These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC41-0-1
Sample Collection:
21-Feb-2006 10:30

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Matrix: SOLID

Sample Receipt Date: 01-Mar-2006

Extraction Date: 15-Mar-2006

Analysis Date: 03-Apr-2006 Time: 14:01:42

Extract Volume (uL): 100

Injection Volume (uL): 1.0

Dilution Factor: 5

Concentration Units: ng/kg (dry weight basis)

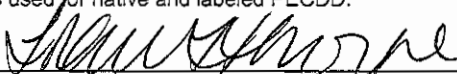
Project No. 05-08-06-32
Lab Sample I.D.: L8708-9 W
Sample Size: 10.2 (dry)
Initial Calibration Date: 24-Mar-2006
Instrument ID: HR GC/MS
GC Column ID: DB5
Sample Data Filename: DX62_147 S: 3
Blank Data Filename: DX62_131 S: 5
Cal. Ver. Data Filename: DX62_147 S: 1
% Moisture: 52.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	3300	5.16	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by:  QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-10 i

Matrix: SOLID

Sample Size: 10.4 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 Time: 14:17:03

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_140 S: 7

Injection Volume (uL): 1.0

Blank Data Filename: DX62_131 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_140 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 47.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	K	0.454	0.0481	0.62	1.001
1,2,3,7,8-PECDD ³		1.65	0.0481	0.63	1.001
1,2,3,4,7,8-HXCDD		2.74	0.146	1.22	1.000
1,2,3,6,7,8-HXCDD		14.8	0.146	1.26	1.000
1,2,3,7,8,9-HXCDD		8.56	0.146	1.26	1.010
1,2,3,4,6,7,8-HPCDD	B	447	0.962	1.05	1.000
OCDD	E				
2,3,7,8-TCDF		3.38	0.0720	0.78	1.002
1,2,3,7,8-PECDF		1.03	0.0481	1.61	1.000
2,3,4,7,8-PECDF		2.02	0.0481	1.50	1.000
1,2,3,4,7,8-HXCDF		5.91	0.188	1.22	1.000
1,2,3,6,7,8-HXCDF		2.31	0.188	1.34	1.000
1,2,3,7,8,9-HXCDF	J	0.239	0.188	1.14	1.000
2,3,4,6,7,8-HXCDF		2.12	0.188	1.33	1.000
1,2,3,4,6,7,8-HPCDF		61.7	0.313	1.04	1.000
1,2,3,4,7,8,9-HPCDF		5.01	0.313	1.07	1.000
OCDF	B	228	0.713	0.90	1.002
TOTAL TETRA-DIOXINS		5.13	0.0481		
TOTAL PENTA-DIOXINS		12.0	0.0481		
TOTAL HEXA-DIOXINS		110	0.146		
TOTAL HEPTA-DIOXINS		1110	0.962		
TOTAL TETRA-FURANS		22.3	0.0720		
TOTAL PENTA-FURANS		38.6	0.0481		
TOTAL HEXA-FURANS		100	0.188		
TOTAL HEPTA-FURANS		264	0.313		

(1) Where applicable, custom lab flags have been used on this report; K = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration; B = analyte found in sample and the associated blank; J = concentration less than LMCL; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *[Signature]* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC41-1-2
Sample Collection:
21-Feb-2006 10:35

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-10

Matrix: SOLID

Sample Size: 10.4 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 15:12:56

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_079A S: 3

Injection Volume (uL): 2.0

Blank Data Filename: DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 47.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		0.958	0.0481	0.73	1.001

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Shawthorne* QA/QC Chemist

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These pages are part of a larger report that may contain information necessary for full data evaluation.



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC41-1-2
Sample Collection:
21-Feb-2006 10:35

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-10 W

Matrix:	SOLID	Sample Size:	10.4 (dry)
Sample Receipt Date:	01-Mar-2006	Initial Calibration Date:	24-Mar-2006
Extraction Date:	15-Mar-2006	Instrument ID:	HR GC/MS
Analysis Date:	03-Apr-2006 Time: 14:56:14	GC Column ID:	DB5
Extract Volume (uL):	100	Sample Data Filename:	DX62_147 S: 4
Injection Volume (uL):	1.0	Blank Data Filename:	DX62_131 S: 5
Dilution Factor:	5	Cal. Ver. Data Filename:	DX62_147 S: 1
Concentration Units:	ng/kg (dry weight basis)	% Moisture:	47.1

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	3390	1.09	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.
 (2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.
 (3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *Maureen* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC41-2-4
Sample Collection:
21-Feb-2006 10:40

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-11 i

Matrix: SOLID

Sample Size: 10.6 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 24-Mar-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 30-Mar-2006 Time: 15:11:36

GC Column ID: DB5

Extract Volume (uL): 20

Sample Data Filename: DX62_140 S: 8

Injection Volume (uL): 1.0

Blank Data Filename: DX62_131 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DX62_140 S: 1

Concentration Units: ng/kg (dry weight basis)

% Moisture: 49.6

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD		0.586	0.0474	0.77	1.001
1,2,3,7,8-PECDD ³		1.99	0.0474	0.60	1.001
1,2,3,4,7,8-HXCDD		2.98	0.346	1.19	1.000
1,2,3,6,7,8-HXCDD		16.0	0.346	1.21	1.000
1,2,3,7,8,9-HXCDD		10.8	0.346	1.23	1.010
1,2,3,4,6,7,8-HPCDD	B	454	0.550	1.06	1.000
OCDD	E				
2,3,7,8-TCDF		4.38	0.0710	0.79	1.002
1,2,3,7,8-PECDF		1.25	0.0474	1.49	1.000
2,3,4,7,8-PECDF		2.29	0.0474	1.55	1.000
1,2,3,4,7,8-HXCDF		6.82	0.174	1.30	1.000
1,2,3,6,7,8-HXCDF		2.89	0.174	1.32	1.000
1,2,3,7,8,9-HXCDF	J	0.217	0.174	1.35	1.000
2,3,4,6,7,8-HXCDF		2.15	0.174	1.17	1.000
1,2,3,4,6,7,8-HPCDF		66.7	0.158	1.06	1.000
1,2,3,4,7,8,9-HPCDF		5.17	0.158	0.97	1.000
OCDF	B	191	0.540	0.91	1.002
TOTAL TETRA-DIOXINS		6.89	0.0474		
TOTAL PENTA-DIOXINS		15.4	0.0474		
TOTAL HEXA-DIOXINS		142	0.346		
TOTAL HEPTA-DIOXINS		1320	0.550		
TOTAL TETRA-FURANS		27.3	0.0710		
TOTAL PENTA-FURANS		45.6	0.0474		
TOTAL HEXA-FURANS		109	0.174		
TOTAL HEPTA-FURANS		248	0.158		

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; J = concentration less than LMCL; E = exceeds calibrated linear range, see dilution data.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *M. Rawshorn* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC41-2-4
Sample Collection:
21-Feb-2006 10:40

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811
Contract No.: 4033

Project No. 05-08-06-32
Lab Sample I.D.: L8708-11 W

Matrix: SOLID Sample Size: 10.6 (dry)
Sample Receipt Date: 01-Mar-2006 Initial Calibration Date: 24-Mar-2006
Extraction Date: 15-Mar-2006 Instrument ID: HR GC/MS
Analysis Date: 03-Apr-2006 Time: 15:50:50 GC Column ID: DB5
Extract Volume (uL): 100 Sample Data Filename: DX62_147 S: 5
Injection Volume (uL): 1.0 Blank Data Filename: DX62_131 S: 5
Dilution Factor: 5 Cal. Ver. Data Filename: DX62_147 S: 1
Concentration Units: ng/kg (dry weight basis) % Moisture: 49.6

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDD	X				
1,2,3,7,8-PECDD ³	X				
1,2,3,4,7,8-HXCDD	X				
1,2,3,6,7,8-HXCDD	X				
1,2,3,7,8,9-HXCDD	X				
1,2,3,4,6,7,8-HPCDD	X				
OCDD	B D	3540	1.61	0.90	1.000
2,3,7,8-TCDF	X				
1,2,3,7,8-PECDF	X				
2,3,4,7,8-PECDF	X				
1,2,3,4,7,8-HXCDF	X				
1,2,3,6,7,8-HXCDF	X				
1,2,3,7,8,9-HXCDF	X				
2,3,4,6,7,8-HXCDF	X				
1,2,3,4,6,7,8-HPCDF	X				
1,2,3,4,7,8,9-HPCDF	X				
OCDF	X				
TOTAL TETRA-DIOXINS	X				
TOTAL PENTA-DIOXINS	X				
TOTAL HEXA-DIOXINS	X				
TOTAL HEPTA-DIOXINS	X				
TOTAL TETRA-FURANS	X				
TOTAL PENTA-FURANS	X				
TOTAL HEXA-FURANS	X				
TOTAL HEPTA-FURANS	X				

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank; D = dilution data; X = result reported separately.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

(3) Alternate confirmation and quantitation ions used for native and labeled PECDD.

Approved by: *[Signature]* QA/QC Chemist



Form 1A
PCDD/PCDF ANALYSIS REPORT

CLIENT SAMPLE NO.
LDW-SC41-2-4
Sample Collection:
21-Feb-2006 10:40

AXYS ANALYTICAL SERVICES

P.O. Box 2219, 2045 MILLS RD. WEST, SIDNEY, B.C., CANADA
V8L 3S8 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4033

Project No. 05-08-06-32

Lab Sample I.D.: L8708-11

Matrix: SOLID

Sample Size: 10.6 g (dry)

Sample Receipt Date: 01-Mar-2006

Initial Calibration Date: 28-Jan-2006

Extraction Date: 15-Mar-2006

Instrument ID: HR GC/MS

Analysis Date: 29-Mar-2006 Time: 15:49:11

GC Column ID: DB225

Extract Volume (uL): 20

Sample Data Filename: DB63_079A S: 4

Injection Volume (uL): 2.0

Blank Data Filename: DB63_079 S: 5

Dilution Factor: N/A

Cal. Ver. Data Filename: DB63_079 S: 2

Concentration Units: ng/kg (dry weight basis)

% Moisture: 49.6

COMPOUND	LAB FLAG ¹	CONCENTRATION FOUND	DETECTION LIMIT	ION ABUND. RATIO ²	RRT ²
2,3,7,8-TCDF		1.17	0.0474	0.66	1.000

(1) Where applicable, custom lab flags have been used on this report.

(2) Contract-required limits for RRTs and ion abundance ratios are specified in Tables 2 and 9, respectively, Method 1613.

Approved by: *Mauythorne* QA/QC Chemist

For Axys Internal Use Only [XSL Template: Form1A.xsl; Created: 08-Apr-2006 13:21:08; Application: XMLTransformer-1.6.8; Report Filename: 1613_DIOXINS_1613DB225_L8708-11_Form1A_SJ540232.html; Workgroup: WG18542; Design ID: 391]

These pages are part of a larger report that may contain information necessary for full data evaluation.



E-8 Grain Size

Windward Environmental, LLC
05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.0	15.0-7.5	7.5-3.75	3.75-2.0	2.0-1.0	<1.0
LDW-SC-55-0-1	0.0	0.5	1.4	3.8	16.7	30.2	19.2	11.5	5.6	3.9	2.3	1.5	3.4
LDW-SC-55-0-1	0.1	0.6	1.4	0.8	19.8	30.1	21.5	10.1	5.3	3.6	2.1	1.6	3.0
LDW-SC-55-0-1	0.2	0.6	1.3	3.8	16.5	30.4	19.0	11.6	5.8	3.8	2.3	1.3	3.4
LDW-SC-55-1-2	1.2	3.6	12.4	18.2	22.8	22.2	8.6	2.4	3.6	1.4	1.1	0.8	1.5
LDW-SC-55-2-3	0.1	0.4	4.0	17.8	38.5	26.8	6.6	2.0	1.1	1.0	0.5	0.6	0.7
LDW-SC-49-0-1	0.9	1.7	1.9	2.0	15.9	20.5	14.9	13.8	10.9	5.7	3.5	2.5	5.8
LDW-SC-49-1-2	0.3	0.7	1.0	1.4	4.3	14.8	17.0	17.2	22.7	6.7	3.7	3.1	7.1
LDW-SC-49-2-4	0.4	0.9	2.0	6.9	18.2	13.6	9.9	6.7	22.7	6.9	3.9	2.3	5.6

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

JA36

0296

Windward Environmental, LLC
05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
											Phi Size	8 to 9	9 to 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC-42-2-4	0.0	0.8	1.1	1.4	3.4	13.4	15.0	22.7	23.0	6.5	3.3	2.7	6.6
LDW-SC-42-2-4	0.0	0.9	1.1	1.5	3.7	13.4	15.9	23.8	21.0	6.3	3.4	2.5	6.5
LDW-SC-42-2-4	0.1	0.0	0.2	1.5	3.5	12.9	15.7	23.6	22.6	6.6	3.7	2.6	7.1
LDW-SC-53-0-2	0.0	0.1	0.1	0.8	0.7	1.1	3.3	33.7	37.7	8.1	3.8	2.7	7.9
LDW-SC-53-2-4	0.0	0.1	0.9	0.6	0.7	1.1	4.1	41.1	32.8	6.7	3.3	2.1	6.4
LDW-SC-56-0-2	29.7	8.7	24.5	17.3	9.1	4.2	1.8	1.2	1.0	0.9	0.6	0.3	0.7
LDW-SC-56-2-4	6.5	22.5	22.1	20.9	16.0	5.7	2.4	1.4	0.8	0.5	0.4	0.2	0.4

0304

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

JA64

Windward Environmental, LLC
05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
											Phi Size	8 to 9	9 to 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC-42-2-4	0.0	0.8	1.1	1.4	3.4	13.4	15.0	22.7	23.0	6.5	3.3	2.7	6.6
LDW-SC-42-2-4	0.0	0.9	1.1	1.5	3.7	13.4	15.9	23.8	21.0	6.3	3.4	2.5	6.5
LDW-SC-42-2-4	0.1	0.0	0.2	1.5	3.5	12.9	15.7	23.6	22.6	6.6	3.7	2.6	7.1
LDW-SC-52-0-1	1.5	0.9	1.3	4.1	4.3	7.3	13.6	22.2	18.3	10.4	3.8	3.9	8.3
LDW-SC-52-1-2	1.2	1.1	1.5	3.7	2.0	10.4	13.6	21.2	19.3	10.6	3.7	3.8	7.9
LDW-SC-52-2-4	0.3	1.7	22.8	63.8	8.7	1.0	NA	NA	NA	NA	NA	NA	NA
LDW-SC-42-0-1	0.4	0.5	0.9	3.4	4.6	15.6	15.3	21.1	18.4	7.1	3.5	2.7	6.5
LDW-SC-42-1-2	0.1	0.2	1.2	3.7	5.3	14.5	14.9	18.9	21.2	6.9	2.9	2.8	7.3

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

JA90

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem 05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
											Phi Size	8 to 9	9 to 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC6-0-2	1.2	0.8	3.1	6.6	5.5	6.1	7.1	14.1	17.5	12.0	8.0	5.7	12.3
LDW-SC6-0-2	0.6	1.2	3.1	6.6	5.7	6.1	6.6	14.5	17.7	11.5	8.1	5.9	12.4
LDW-SC6-0-2	1.2	1.3	3.3	6.7	5.5	6.5	6.8	13.9	18.3	10.7	8.1	5.9	11.7
LDW-SC3-0-2	1.6	1.0	1.9	15.6	28.6	24.5	12.4	5.8	2.7	1.8	1.0	1.0	2.2
LDW-SC3-2-4	0.1	0.3	0.3	4.1	17.3	23.0	19.8	14.0	7.7	4.7	2.7	2.0	4.0

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

JB00

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem 05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC6-0-2	1.2	0.8	3.1	6.6	5.5	6.1	7.1	14.1	17.5	12.0	8.0	5.7	12.3
LDW-SC6-0-2	0.6	1.2	3.1	6.6	5.7	6.1	6.6	14.5	17.7	11.5	8.1	5.9	12.4
LDW-SC6-0-2	1.2	1.3	3.3	6.7	5.5	6.5	6.8	13.9	18.3	10.7	8.1	5.9	11.7
LDW-SC4-0-1	22.8	7.5	5.3	8.4	7.9	5.8	4.3	8.6	10.5	5.9	3.9	3.1	6.1
LDW-SC4-1-2	44.4	2.5	2.6	4.2	6.4	6.4	3.4	6.9	9.0	5.1	3.3	2.5	3.2
LDW-SC4-2-4	24.3	1.9	4.4	19.0	24.4	8.0	0.7	4.3	4.2	3.2	1.8	1.4	2.5
LDW-SC2-0-2	8.4	1.8	4.3	10.3	11.1	9.6	13.9	13.7	10.2	5.4	3.8	3.1	4.4
LDW-SC2-2-4	0.0	0.2	0.4	0.8	2.7	11.6	19.6	22.9	17.6	8.1	6.0	4.1	6.2

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem 05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC6-0-2	1.2	0.8	3.1	6.6	5.5	6.1	7.1	14.1	17.5	12.0	8.0	5.7	12.3
LDW-SC6-0-2	0.6	1.2	3.1	6.6	5.7	6.1	6.6	14.5	17.7	11.5	8.1	5.9	12.4
LDW-SC6-0-2	1.2	1.3	3.3	6.7	5.5	6.5	6.8	13.9	18.3	10.7	8.1	5.9	11.7
LDW-SC6-2-4.5	32.7	0.9	2.1	5.3	4.8	5.8	6.6	9.5	9.9	6.5	4.6	3.1	8.3
LDW-SC8-0-1	1.8	1.7	5.6	8.6	7.9	9.7	7.9	11.8	16.1	8.9	5.6	4.4	10.1
LDW-SC8-1-2	1.5	0.7	1.2	2.7	5.1	12.4	14.7	15.1	18.0	8.8	5.2	4.3	10.2
LDW-SC8-2-4	2.8	0.4	2.2	5.6	14.8	20.4	14.6	11.4	9.7	4.9	3.5	2.9	6.7
LDW-SC7-0-1	1.5	0.7	1.6	7.9	18.5	13.9	8.3	10.3	9.5	8.0	5.7	4.3	9.7
LDW-SC7-1-1.7	0.4	1.3	6.1	20.6	29.1	13.1	9.0	5.1	4.6	3.0	2.1	1.6	4.0
LDW-SC7-1.7-4	3.6	1.0	4.3	25.3	47.9	13.5	1.8	0.7	0.4	0.3	0.1	0.0	1.0
LDW-SC10-0-1	23.9	6.1	6.9	13.5	14.1	8.8	7.3	5.4	4.5	2.7	1.8	1.4	3.5
LDW-SC10-1-2	0.6	0.3	1.3	2.2	3.9	6.3	13.2	20.1	19.7	7.8	6.1	5.0	13.6
LDW-SC10-2-4	0.1	1.2	1.2	3.3	6.9	10.0	8.2	15.3	18.7	9.2	6.5	5.4	13.9

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

JB20

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem 05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC14-0-1.4	0.8	0.9	4.0	5.9	4.8	6.8	7.7	22.4	21.0	7.8	4.5	4.3	9.0
LDW-SC14-0-1.4	1.6	0.9	3.9	5.3	4.2	6.1	8.4	16.3	24.8	9.0	5.3	4.3	9.9
LDW-SC14-0-1.4	3.1	0.8	3.9	5.6	4.2	7.8	6.8	16.6	23.3	9.0	5.2	4.3	9.3
LDW-SC33-0-2	2.0	1.5	2.8	3.4	4.5	3.7	15.2	18.6	19.5	9.3	5.3	4.1	10.1
LDW-SC33-2-4	0.5	0.2	0.7	1.2	5.2	18.1	16.4	19.2	15.4	7.0	4.3	3.5	8.4
LDW-SC201-0-1.5	0.1	0.6	1.2	3.3	4.9	13.0	14.8	17.9	14.4	10.4	5.5	4.2	9.6
LDW-SC201-1.5-4	0.2	0.5	0.7	0.9	5.2	16.6	17.5	18.4	13.8	9.1	5.4	3.5	8.2

0160

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem 05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-250 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC14-0-1.4	0.8	0.9	4.0	5.9	4.8	6.8	7.7	22.4	21.0	7.8	4.5	4.3	9.0
LDW-SC14-0-1.4	1.6	0.9	3.9	5.3	4.2	6.1	8.4	16.3	24.8	9.0	5.3	4.3	9.9
LDW-SC14-0-1.4	3.1	0.8	3.9	5.6	4.2	7.8	6.8	16.6	23.3	9.0	5.2	4.3	9.3
LDW-SC13-0-2	8.2	7.0	16.8	23.7	11.3	4.3	1.9	6.0	5.9	5.2	3.1	2.2	4.3
LDW-SC13-2-4	1.1	1.0	6.0	18.6	27.7	13.4	6.0	6.6	6.4	5.0	2.7	2.0	3.5
LDW-SC9-0-1	1.6	1.7	4.6	17.1	25.9	15.3	9.8	7.9	5.2	3.1	2.0	1.8	4.1
LDW-SC9-1-2.6	2.2	0.4	1.0	1.9	2.7	4.4	11.0	25.4	23.6	8.3	5.0	4.4	9.6
LDW-SC9-2.6-4	0.3	1.3	2.4	2.9	3.9	42.8	23.4	7.2	4.7	3.2	2.3	1.3	4.3

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem 05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

0153

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
	Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC14-0-1.4	0.8	0.9	4.0	5.9	4.8	6.8	7.7	22.4	21.0	7.8	4.5	4.3	9.0
LDW-SC14-0-1.4	1.6	0.9	3.9	5.3	4.2	6.1	8.4	16.3	24.8	9.0	5.3	4.3	9.9
LDW-SC14-0-1.4	3.1	0.8	3.9	5.6	4.2	7.8	6.8	16.6	23.3	9.0	5.2	4.3	9.3
LDW-SC32-0-1	12.9	5.6	7.3	10.6	8.6	6.4	2.3	10.0	15.4	7.6	4.8	3.9	4.6
LDW-SC32-1-2	3.1	0.9	2.4	7.2	9.3	9.6	5.4	30.8	22.2	3.6	1.5	0.4	3.7
LDW-SC32-2-4	4.2	1.8	6.4	19.9	14.2	9.4	3.0	10.3	18.6	5.6	2.4	0.8	3.5
LDW-SC14-1.4-2	0.1	0.5	2.2	4.9	2.4	6.4	9.9	17.2	26.7	9.0	5.1	4.9	10.6
LDW-SC14-2-4.1	0.7	0.3	0.6	3.6	1.5	3.5	9.9	14.8	28.4	10.9	6.6	6.2	13.2
LDW-SC11-0-0.8	6.9	3.0	4.6	8.1	12.2	21.4	9.9	6.9	7.1	6.0	4.3	3.4	6.2
LDW-SC11-0.8-2	0.1	0.4	1.3	2.2	10.3	33.7	23.6	13.0	6.5	3.5	1.8	1.3	2.4
LDW-SC11-2-3.4	0.4	0.8	4.5	4.5	22.2	39.4	15.0	4.6	2.9	1.8	1.2	0.9	1.8
LDW-SC11-3.4-4.1	40.6	2.5	7.5	5.0	6.8	8.2	5.9	6.3	6.5	4.2	2.1	1.3	3.2

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem 05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC5-0-1	0.8	1.9	14.6	27.4	12.3	6.0	4.6	5.9	7.4	6.1	4.0	2.6	6.4
LDW-SC5-0-1	1.3	2.0	12.7	28.7	12.3	6.0	4.2	5.9	7.6	5.8	4.2	2.9	6.4
LDW-SC5-0-1	13.3	1.7	13.3	25.4	10.7	5.6	1.0	5.2	6.6	5.0	3.9	2.5	5.8
LDW-SC22-0-1.1	4.0	6.0	31.2	33.7	8.9	3.0	3.8	1.5	3.0	1.7	1.1	0.6	1.2
LDW-SC22-1.1-2	3.3	5.1	29.9	41.1	9.6	2.2	1.8	1.8	2.2	1.2	0.5	0.3	1.1
LDW-SC22-2-4	1.0	1.4	14.5	50.0	20.4	4.4	2.2	1.9	1.9	0.9	0.4	0.1	0.9
LDW-SC16-0-2	0.7	1.0	1.4	2.2	3.4	5.0	9.8	15.2	22.2	13.0	8.1	5.7	12.5
LDW-SC16-2-4	2.5	0.7	3.6	3.1	1.6	2.1	4.3	9.8	18.6	13.7	10.7	9.0	20.2
LDW-SC27-0-2	3.5	0.9	1.8	6.0	5.8	6.9	11.1	13.5	19.8	10.4	6.2	4.7	9.4
LDW-SC27-2-4.5	6.2	1.1	2.6	10.7	8.1	9.2	12.4	13.5	12.4	8.6	5.1	3.7	6.5

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem 05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

0280

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC5-0-1	0.8	1.9	14.6	27.4	12.3	6.0	4.7	6.0	7.4	6.1	4.0	2.6	6.2
LDW-SC5-0-1	1.3	2.0	12.7	28.7	12.3	6.0	4.3	5.9	7.6	5.8	4.2	2.9	6.2
LDW-SC5-0-1	13.3	1.7	13.3	25.4	10.7	5.6	1.1	5.2	6.6	5.0	3.9	2.5	5.6
LDW-SC30-0-2.5	0.9	0.7	4.7	61.1	26.3	1.6	1.2	0.8	0.8	0.6	0.3	0.1	0.9
LDW-SC30-2.5-4	0.1	0.2	1.7	7.0	17.0	23.4	22.0	13.6	6.5	3.4	1.6	1.2	2.3

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI Subsurface Sediment Chem

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC21-2-4	0.3	0.2	1.3	4.0	6.3	8.4	8.4	15.0	18.3	11.8	8.4	5.5	12.1
LDW-SC21-2-4	0.2	0.3	1.5	4.2	6.5	8.9	8.8	14.1	19.0	12.1	7.2	5.3	11.7
LDW-SC21-2-4	0.0	0.2	1.4	4.1	6.9	3.9	11.3	16.4	19.3	11.9	7.7	5.5	11.5
LDW-SC21-0-1	0.8	1.8	2.0	2.8	3.0	6.7	11.1	18.7	17.8	12.3	7.5	5.0	10.4
LDW-SC21-1-2	0.2	0.0	0.5	1.2	1.3	2.8	5.6	17.9	22.2	16.4	10.4	7.6	13.9
LDW-SC35-0-2	1.4	0.9	1.7	3.8	5.0	13.6	11.8	19.1	15.1	12.4	3.2	3.7	8.4
LDW-SC35-2-4	0.4	0.9	3.3	7.9	7.8	12.5	12.1	15.3	16.6	7.9	4.6	3.2	7.7

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI Subsurface Sediment Chem

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

0296

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC20-0-2	0.8	0.4	1.5	2.9	1.9	7.3	16.9	16.8	19.6	10.2	6.8	4.5	10.3
LDW-SC20-0-2	2.9	0.2	1.4	2.6	1.9	7.2	12.9	19.1	19.5	10.6	6.5	4.3	10.8
LDW-SC20-0-2	0.3	0.2	1.2	2.3	1.8	7.0	10.4	22.1	22.2	10.7	6.8	4.2	10.8
LDW-SC20-2-4	0.0	0.1	0.8	1.2	0.5	3.4	6.7	20.7	21.4	12.4	10.0	6.6	16.2

Notes to the Testing:

- Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC20-0-2	0.8	0.4	1.5	2.9	1.9	7.3	16.9	16.8	19.6	10.2	6.8	4.5	10.3
LDW-SC20-0-2	2.9	0.2	1.4	2.6	1.9	7.2	12.9	19.1	19.5	10.6	6.5	4.3	10.8
LDW-SC20-0-2	0.3	0.2	1.2	2.3	1.8	7.0	10.4	22.1	22.2	10.7	6.8	4.2	10.8
LDW-SC36-0-1	0.1	0.4	1.0	1.5	2.2	10.8	16.5	21.6	17.6	10.4	5.8	3.7	8.2
LDW-SC36-1-2	4.2	0.9	2.2	0.0	7.3	8.6	16.2	20.4	14.6	9.0	5.4	3.5	7.7
LDW-SC36-2-4	0.0	0.1	0.8	1.5	18.0	30.9	15.9	11.7	8.5	4.7	2.6	1.5	4.0
LDW-SC202-0-1	0.0	0.1	0.8	1.1	2.7	17.3	21.7	16.6	16.3	8.2	2.8	4.9	7.3
LDW-SC202-1-2	0.1	0.3	0.8	1.0	1.7	11.9	18.9	22.1	19.0	8.8	4.7	3.2	7.5
LDW-SC202-2-4	0.1	0.3	1.7	2.8	13.7	27.9	18.4	12.2	8.8	5.2	2.9	1.7	4.2
LDW-SC39-0-1	20.9	5.2	14.9	23.2	12.1	11.6	2.5	2.7	2.2	1.4	1.1	0.6	1.5
LDW-SC39-1-2	31.7	3.8	15.1	24.0	11.1	7.4	3.2	0.9	0.9	0.6	0.4	0.2	0.7
LDW-SC39-2-4	23.5	1.7	6.9	14.1	7.1	8.3	3.7	10.6	8.1	5.1	2.9	1.8	6.2
LDW-SC12-0-2	2.7	1.1	2.1	4.6	5.9	10.6	7.9	12.5	18.0	10.1	6.1	4.8	13.6
LDW-SC12-2-4	1.8	1.0	1.2	1.1	1.1	2.6	6.8	18.2	22.9	13.5	9.8	4.8	15.1

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

JB82

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem 05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

0304

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC5-0-1	0.8	1.9	14.6	27.4	12.3	6.0	4.6	5.9	7.4	6.1	4.0	2.6	6.4
LDW-SC5-0-1	1.3	2.0	12.7	28.7	12.3	6.0	4.2	5.9	7.6	5.8	4.2	2.9	6.4
LDW-SC5-0-1	13.3	1.7	13.3	25.4	10.7	5.6	1.0	5.2	6.6	5.0	3.9	2.5	5.8
LDW-SC48-0-1	0.2	0.7	5.8	44.0	33.3	5.4	2.4	2.5	1.7	1.2	0.8	0.5	1.4
LDW-SC48-1-2	0.1	1.0	10.5	58.1	25.6	2.2	NA	NA	NA	NA	NA	NA	NA
LDW-SC48-2-4	0.1	0.3	3.1	46.2	40.1	7.6	NA	NA	NA	NA	NA	NA	NA
LDW-SC1-0-2	2.5	1.8	2.3	7.5	11.6	6.9	6.8	8.7	18.2	10.3	6.6	5.4	11.5
LDW-SC1-2-4	1.5	1.8	12.4	35.2	22.4	4.1	2.8	3.3	5.5	3.7	2.3	1.7	3.5

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chemistry

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC45-1-2	0.7	0.3	1.8	8.6	8.8	9.5	11.0	17.9	16.8	9.0	5.1	3.1	7.4
LDW-SC45-1-2	0.1	0.1	1.3	8.3	9.1	9.4	12.0	18.2	16.4	8.6	5.4	3.5	7.5
LDW-SC45-1-2	0.0	0.5	1.7	8.1	8.2	9.0	14.3	15.9	17.6	8.7	4.6	4.0	7.2
LDW-SC23-0-2	7.2	3.4	5.0	8.6	4.5	4.8	6.4	14.6	14.6	10.0	6.5	4.5	9.9
LDW-SC23-2-4	5.6	1.9	2.3	4.2	4.4	4.9	7.5	14.1	22.0	10.7	6.3	5.4	10.6

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

JB91

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chemistry

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC45-1-2	0.7	0.3	1.8	8.6	8.8	9.5	11.0	17.9	16.8	9.0	5.1	3.1	7.4
LDW-SC45-1-2	0.1	0.1	1.3	8.3	9.1	9.4	12.0	18.2	16.4	8.6	5.4	3.5	7.5
LDW-SC45-1-2	0.0	0.5	1.7	8.1	8.2	9.0	14.3	15.9	17.6	8.7	4.6	4.0	7.2
LDW-SC34-0-1	1.4	1.7	3.6	6.3	7.7	7.7	9.9	15.6	15.8	9.5	6.6	3.7	10.5
LDW-SC34-1-2	2.4	2.6	2.7	3.1	4.7	8.7	10.0	22.0	23.9	6.1	3.7	2.3	7.7
LDW-SC34-2-4	5.8	4.1	11.4	17.0	6.3	5.3	6.6	11.8	16.4	5.1	2.7	2.3	5.2
LDW-SC203-0-1	3.0	1.6	3.0	4.4	2.4	13.8	10.5	16.6	18.8	7.8	5.1	3.8	9.0
LDW-SC203-1-2	2.7	2.5	2.7	3.2	4.6	10.1	14.4	22.1	19.4	5.4	3.4	2.3	7.0
LDW-SC203-2-4	4.3	3.0	8.7	12.9	6.5	5.5	6.6	15.6	19.4	5.8	3.0	2.6	5.9
LDW-SC25-0-1	1.3	1.3	2.3	5.0	4.9	7.0	10.9	16.3	19.4	10.2	6.4	4.9	10.2
LDW-SC-25-1-2	1.3	1.2	2.2	3.5	4.3	6.1	11.5	12.9	22.7	11.6	6.5	5.4	10.8
LDW-SC25-2-4	0.3	1.4	2.8	4.7	4.9	5.6	6.8	14.3	23.2	11.3	6.2	4.9	13.4

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chemistry 05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC31-1-2.8	0.2	1.1	1.6	4.1	4.7	6.4	11.7	19.9	16.9	11.0	7.0	4.2	11.2
LDW-SC31-1-2.8	0.1	1.1	1.6	4.1	4.6	6.5	13.5	15.6	18.5	10.6	8.2	4.5	11.1
LDW-SC31-1-2.8	0.2	0.8	1.6	4.0	4.7	6.2	11.3	16.3	21.4	10.6	7.1	4.5	11.2
LDW-SC15-0-1	1.4	2.7	1.9	1.7	1.7	4.6	10.6	16.2	19.5	14.1	8.7	5.6	11.3
LDW-SC15-1-2	0.2	0.5	0.8	1.0	1.1	2.7	6.7	16.6	26.3	14.9	8.9	7.1	13.2
LDW-SC15-2-4	0.1	0.4	0.8	0.8	1.0	2.7	5.9	12.8	20.1	17.5	11.5	7.4	18.9
LDW-SC18-0-1	30.9	2.5	6.7	29.5	10.2	2.6	1.8	3.8	3.5	2.9	1.9	1.2	2.5
LDW-SC18-1-2	2.1	0.6	2.2	29.8	36.6	7.8	5.6	4.9	3.2	2.5	1.5	0.9	2.2
LDW-SC18-2-4	0.4	0.4	2.7	22.9	23.5	18.8	14.6	6.9	3.9	1.9	1.2	0.6	2.3
LDW-SC31-0-1	0.0	1.7	1.5	4.2	3.0	5.7	15.1	18.1	17.9	11.2	6.8	4.5	10.3
LDW-SC31-2.8-4	0.1	0.1	3.1	47.4	40.6	6.1	NA	NA	NA	NA	NA	NA	NA
LDW-SC24-0-1	1.1	0.4	1.2	1.7	2.8	4.7	6.7	15.4	20.3	14.8	9.1	5.9	16.1
LDW-SC24-1-2	0.2	0.0	0.2	2.6	17.6	40.0	18.6	7.6	4.4	2.1	1.7	0.9	4.0
LDW-SC24-2-4	0.0	0.0	0.2	5.4	28.6	36.8	14.3	5.4	3.0	1.6	1.1	0.6	3.0

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC5-0-1	0.8	1.9	14.6	27.4	12.3	6.0	4.6	5.9	7.4	6.1	4.0	2.8	6.4
LDW-SC5-0-1	1.3	2.0	12.7	28.7	12.3	6.0	4.2	5.9	7.6	5.8	4.2	2.9	6.4
LDW-SC5-0-1	13.3	1.7	13.3	25.4	10.7	5.6	1.0	5.2	6.6	5.0	3.9	2.5	5.8
LDW-SC5-1-2.2	4.3	3.7	11.7	22.1	9.7	4.7	4.8	7.9	8.5	7.3	4.7	3.9	6.7
LDW-SC5-2.2-4	1.9	3.9	23.2	45.2	14.2	2.1	2.0	1.5	1.5	1.5	1.0	0.7	1.3

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chemistry

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC45-1-2	0.7	0.3	1.8	8.6	8.8	9.5	11.0	17.9	16.8	9.0	5.1	3.1	7.4
LDW-SC45-1-2	0.1	0.1	1.3	8.3	9.1	9.4	12.0	18.2	16.4	8.6	5.4	3.5	7.5
LDW-SC45-1-2	0.0	0.5	1.7	8.1	8.2	9.0	14.3	15.9	17.6	8.7	4.6	4.0	7.2
LDW-SC45-0-1	0.3	0.1	3.2	7.8	6.9	11.2	12.4	18.3	15.4	8.6	5.5	4.1	6.2
LDW-SC45-2-4	0.2	0.8	1.7	5.3	8.8	11.5	13.1	18.8	18.7	8.0	3.3	3.2	6.6
LDW-SC38-0-1	0.5	0.3	1.2	4.9	8.7	17.3	18.2	16.3	11.2	7.4	4.1	3.6	6.4
LDW-SC38-1-2	0.1	0.4	2.7	7.7	8.8	19.0	16.5	16.1	10.0	6.3	3.9	2.6	5.9
LDW-SC38-2-3	0.6	1.2	3.1	10.2	10.9	13.9	14.2	14.6	11.0	7.4	3.8	2.9	6.2
LDW-SC38-3-3.3	0.7	0.6	4.2	39.2	36.0	9.6	4.5	1.7	1.0	0.9	0.5	0.5	0.7

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW-RI Subsurface Sediment Chemistry

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC37-2-4	7.8	8.3	14.7	21.9	13.0	7.6	4.6	8.3	2.6	4.7	2.4	1.6	2.6
LDW-SC37-2-4	11.8	7.2	13.8	20.3	13.0	7.2	3.5	9.2	3.0	4.5	2.5	1.5	2.5
LDW-SC37-2-4	9.4	7.7	14.7	21.8	13.1	7.7	3.6	8.3	2.7	4.7	2.7	1.1	2.5
LDW-SC51-0-2	23.4	2.6	6.9	23.2	20.2	6.3	5.3	4.8	1.7	2.1	1.2	0.8	1.5
LDW-SC51-2-3.8	15.9	2.5	12.2	23.3	9.3	5.7	6.4	7.5	1.9	9.1	2.1	1.4	2.8
LDW-SC37-0-1	0.7	1.0	2.0	6.8	1.2	10.4	7.2	15.1	18.6	14.1	7.1	5.1	10.5
LDW-SC37-1-2	0.6	1.0	3.8	30.1	21.6	6.0	3.2	7.7	8.2	6.5	3.7	2.7	4.9
LDW-SC26-0-1	0.8	0.2	1.6	2.8	2.4	6.5	19.6	10.6	19.2	12.5	6.9	5.5	11.3
LDW-SC26-1-2	0.6	0.5	1.5	2.2	1.3	3.9	7.9	18.4	23.3	14.6	7.4	6.0	12.5
LSW-SC26-2-4	0.1	1.3	0.8	3.1	3.6	5.7	9.1	19.2	18.9	13.4	7.5	5.4	11.9

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
LDW RI-Subsurface Sediment Chemistry 05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC31-1-2.8	0.2	1.1	1.6	4.1	4.7	6.4	11.7	19.9	16.9	11.0	7.0	4.2	11.2
LDW-SC31-1-2.8	0.1	1.1	1.6	4.1	4.6	6.5	13.5	15.6	18.5	10.6	8.2	4.5	11.1
LDW-SC31-1-2.8	0.2	0.8	1.6	4.0	4.7	6.2	11.3	16.3	21.4	10.6	7.1	4.5	11.2
LDW-SC43-0-2	0.0	0.1	1.0	3.9	6.7	22.2	28.6	16.9	7.6	4.1	2.9	1.8	4.3
LDW-SC43-2-4	0.0	0.0	4.4	21.6	18.1	25.5	15.8	6.3	3.0	1.7	1.2	0.9	1.7
LDW-SC54-0-2	0.2	0.7	1.1	3.8	6.7	17.6	21.2	20.5	15.4	6.0	2.5	0.7	3.4
LDW-SC54-2-4	0.1	0.6	1.1	2.0	6.4	18.7	24.4	16.0	15.2	7.5	3.7	1.1	3.2
LDW-SC47-0-1	0.6	1.2	12.6	38.8	23.2	8.5	4.3	3.7	2.4	1.3	1.3	0.6	1.6
LDW-SC47-1-2	0.1	0.5	2.4	11.0	11.0	14.1	16.0	15.7	9.6	6.6	3.5	3.3	6.3
LDW-SC47-2-3	0.0	0.9	7.5	26.4	17.3	9.5	10.5	10.0	6.1	3.9	2.2	1.8	3.9
LDW-SC47-3-4	0.1	2.1	24.3	50.0	20.0	2.2	NA	NA	NA	NA	NA	NA	NA

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC40-2-4	0.0	0.1	23.4	68.5	6.8	0.3	0.2	0.1	0.0	0.0	0.0	0.1	0.5
LDW-SC40-2-4	0.0	0.1	22.4	69.1	7.2	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.5
LDW-SC40-2-4	0.0	0.2	23.6	68.5	6.8	0.3	0.0	0.0	0.0	0.1	0.1	0.0	0.5
LDW-SC40-0-1.3	0.1	0.4	8.2	35.7	20.9	19.4	7.6	2.1	1.3	1.1	1.0	0.7	1.5
LDW-SC40-1.3-2	5.0	0.7	26.4	58.0	7.0	1.0	0.8	0.1	0.1	0.1	0.1	0.0	0.6
LDW-SC17-0-1	19.0	2.3	3.5	4.7	4.6	4.0	10.7	10.9	12.9	9.4	5.5	3.3	9.1
LDW-SC17-1-2	20.2	3.6	5.0	5.7	5.5	4.3	1.5	9.3	15.4	10.3	5.6	4.1	9.5
LDW-SC17-2-4	28.5	8.4	5.0	7.0	5.5	3.6	1.8	5.6	9.8	8.1	5.3	5.1	6.2
LDW-SC50-0-1	1.6	0.9	3.2	12.7	26.4	26.4	13.8	5.4	3.3	1.7	1.4	0.8	2.5
LDW-SC50-1-2	0.2	0.8	9.2	24.9	23.3	19.9	10.6	2.9	2.8	1.7	1.0	0.5	2.2
LDW-SC50-2-2.8	1.0	3.3	22.3	25.6	11.6	14.0	8.8	5.0	3.3	1.8	1.0	0.5	1.9
LDW-SC50-2.8-4	1.5	6.4	41.4	41.6	7.0	0.8	0.2	0.1	0.2	0.1	0.0	0.0	0.6
LDW-SC46-0-1	2.2	2.0	4.7	10.7	9.9	12.7	12.2	13.6	11.4	6.5	4.3	2.3	7.4
LDW-SC46-1-2	11.1	1.1	2.8	3.4	4.7	12.7	14.9	13.9	14.0	6.5	3.6	2.4	8.8
LDW-SC46-2-4	4.5	1.1	2.5	4.2	4.4	5.2	17.3	15.1	18.0	8.6	2.8	6.0	10.3

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
05-08-06-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC28-2-4	0.0	0.8	0.9	3.9	1.7	5.6	9.1	18.9	26.3	9.6	7.1	5.2	10.8
LDW-SC28-2-4	2.1	0.9	1.8	3.9	1.9	5.8	9.7	14.4	26.8	10.4	6.7	5.4	10.3
LDW-SC28-2-4	0.4	0.6	2.1	2.3	1.3	5.1	8.4	19.2	24.9	12.1	6.9	5.9	10.8
LDW-SC28-0-1	0.7	0.9	2.6	8.4	4.0	9.0	15.0	15.9	14.1	9.9	6.0	4.8	8.7
LDW-SC28-1-2	1.3	0.4	1.6	3.1	2.0	9.6	17.6	18.4	16.0	10.4	6.3	4.8	8.5

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Windward Environmental, LLC
05-06-08-32

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay		
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0
LDW-SC37-2-4	7.8	8.3	14.7	21.9	13.0	7.6	4.6	8.3	2.6	4.7	2.4	1.6	2.6
LDW-SC37-2-4	11.8	7.2	13.8	20.3	13.0	7.2	3.5	9.2	3.0	4.5	2.5	1.5	2.5
LDW-SC37-2-4	9.4	7.7	14.7	21.8	13.1	7.7	3.6	8.3	2.7	4.7	2.7	1.1	2.5
LDW-SC41-0-1	0.2	1.9	3.5	3.9	8.4	3.4	17.0	20.6	16.2	9.1	5.0	3.2	7.5
LDW-SC41-1-2	0.0	0.1	1.4	1.5	1.4	7.5	3.8	30.8	22.8	11.7	5.9	3.9	9.2
LDW-SC41-2-4	0.0	0.2	1.3	1.4	1.9	3.0	18.6	17.9	26.6	10.2	5.3	4.3	9.1
LDW-SC44-0-2	0.0	0.1	2.1	3.4	2.5	13.0	18.1	18.2	17.0	9.3	5.3	3.5	7.5
LDW-SC44-2-3.2	2.5	0.8	5.4	9.8	4.6	8.7	12.5	15.8	13.8	9.3	5.9	3.4	7.5
LDW-SC44-3.2-4	25.1	4.6	22.8	26.0	5.6	3.4	3.8	2.3	1.8	1.3	1.1	0.7	1.4
LDW-SC29-0-1	0.6	0.9	12.6	26.9	6.6	9.1	12.5	7.1	8.1	5.1	3.0	2.6	5.0
LDW-SC29-1-2	0.3	2.6	26.9	37.0	3.1	4.4	6.5	6.2	5.1	2.9	1.3	1.1	2.4
LDW-SC29-2-3.6	0.9	5.8	39.2	47.4	2.6	0.7	NA	NA	NA	NA	NA	NA	NA
LDW-SC19-0-1	0.1	0.4	1.3	2.0	3.2	6.1	11.0	17.7	17.8	12.8	6.7	6.4	14.6
LDW-SC19-1-2	0.2	0.2	0.8	0.7	1.3	3.6	7.5	14.8	24.7	14.2	8.7	6.2	17.0
LDW-SC19-2-4	0.1	0.2	0.6	1.5	6.0	9.9	15.1	9.4	17.9	12.9	7.5	5.2	13.5

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

E-9 Conventional Parameters

SAMPLE RESULTS-CONVENTIONALS
JB90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC1-0-2
ARI ID: 06-3306 JB90F

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	54.10
Total Organic Carbon	02/27/06 022706#1	Plumb, 1981	Percent	0.020	2.10

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/16/06

A handwritten signature in black ink, appearing to be 'A.S.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC1-0-.5
ARI ID: 06-9354 JL31A

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	52.80
Total Organic Carbon	06/13/06 061306#1	Plumb, 1981	Percent	0.020	2.17

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/16/06

A handwritten signature in black ink, appearing to be 'M' or 'J', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06


Client ID: LDW-SC1-.5-1
ARI ID: 06-9355 JL31B

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	59.10
Total Organic Carbon	06/13/06 061306#1	Plumb,1981	Percent	0.020	1.97

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/26/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC1-1-1.5
ARI ID: 06-9356 JL31C

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	50.70
Total Organic Carbon	06/13/06 061306#1	Plumb,1981	Percent	0.020	1.93

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *JD*
Reported: 06/26/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JL31C Client ID: LDW-SC1-1-1.5					
Total Solids	06/12/06	Percent	50.70	50.40 50.20	0.5%
Total Organic Carbon	06/13/06	Percent	1.93	2.01 1.92	2.5%

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/16/06

A handwritten signature in black ink, appearing to be 'JL' or similar, written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC1-1.5-2
ARI ID: 06-9357 JL31D

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	44.80
Total Organic Carbon	06/13/06 061306#1	Plumb,1981	Percent	0.020	2.36

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'M. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC1-2-4
ARI ID: 06-3307 JB90G

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	76.30
Total Organic Carbon	02/27/06 022706#1	Plumb,1981	Percent	0.020	1.60

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC1-4-6
ARI ID: 06-8863 JK31F

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	82.00
Total Organic Carbon	05/30/06 053006#1	Plumb, 1981	Percent	0.020	0.092

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB01-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 03/09/06

[Handwritten signature]

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC2-0-2
ARI ID: 06-2502 JB01U

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	64.10
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	0.897

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB01-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC2-2-4
ARI ID: 06-2503 JB01V

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	66.40
Total Organic Carbon	03/06/06 030606#1	Plumb, 1981	Percent	0.020	6.29

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC2-4-6
ARI ID: 06-8885 JK31AB

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	47.60
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	0.310

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/01/06

A handwritten signature in black ink, appearing to be 'J. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC2-10.7-12
ARI ID: 06-8886 JK31AC

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	76.80
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	0.749

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB00-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *Be*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC3-0-2
ARI ID: 06-2478 JB00S

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/13/06 021306#1	EPA 160.3	Percent	0.01	66.30
Total Organic Carbon	02/21/06 022106#1	Plumb,1981	Percent	0.020	2.04

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB00-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06


Client ID: LDW-SC3-2-4
ARI ID: 06-2479 JB00T

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/13/06 021306#1	EPA 160.3	Percent	0.01	74.40
Total Organic Carbon	02/16/06 021606#1	Plumb, 1981	Percent	0.020	0.669

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JB00-Windward Environmental, LLC




Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JB00S Client ID: LDW-SC3-0-2					
Total Solids	02/13/06	Percent	66.30	70.30 70.50	3.4%
Total Organic Carbon	02/21/06	Percent	2.04	2.76 1.56	28.5%

SAMPLE RESULTS-CONVENTIONALS
JB01-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC4-0-1
ARI ID: 06-2497 JB01P

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	65.50
Total Organic Carbon	02/20/06 022006#1	Plumb, 1981	Percent	0.020	1.54

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB01-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 03/09/06

A handwritten signature in black ink, appearing to be 'J. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC4-1-2
ARI ID: 06-2498 JB01Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	58.20
Total Organic Carbon	02/20/06 022006#1	Plumb, 1981	Percent	0.020	1.97

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB01-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 03/09/06

A handwritten signature in black ink, appearing to be a stylized name, located to the right of the matrix information.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06


Client ID: LDW-SC4-2-4
ARI ID: 06-2499 JB01R

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	68.70
Total Organic Carbon	02/17/06 021706#2	Plumb,1981	Percent	0.020	1.73

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/09/06
Date Received: 02/09/06

Client ID: LDW-SC4-4-6
ARI ID: 06-8864 JK31G

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	79.20
Total Organic Carbon	05/30/06 053006#1	Plumb, 1981	Percent	0.020	0.808

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC05-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC5-0-1
ARI ID: 06-3421 JC05A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#2	EPA 160.3	Percent	0.01	66.40
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	1.68

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC05-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *MO*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC5-1-2.2
ARI ID: 06-3422 JC05B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#2	EPA 160.3	Percent	0.01	59.40
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	3.93

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC05-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC5-2.2-4
ARI ID: 06-3423 JC05C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#2	EPA 160.3	Percent	0.01	78.80
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	1.28

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC6-0-2
ARI ID: 06-2573 JB20A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	53.70
Total Organic Carbon	02/20/06 022006#1	Plumb,1981	Percent	0.020	2.28

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC6-0-0.5
ARI ID: 06-9358 JL31E

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	49.90
Total Organic Carbon	06/13/06 061306#1	Plumb,1981	Percent	0.020	2.40

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC6-0.5-1
ARI ID: 06-9359 JL31F

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	52.60
Total Organic Carbon	06/13/06 061306#1	Plumb, 1981	Percent	0.020	1.91

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/16/06

A handwritten signature in black ink, appearing to be 'M. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06


Client ID: LDW-SC6-1-1.5
ARI ID: 06-9360 JL31G

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	51.30
Total Organic Carbon	06/13/06 061306#1	Plumb,1981	Percent	0.020	0.894

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC6-1.5-2
ARI ID: 06-9361 JL31H

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	56.10
Total Organic Carbon	06/13/06 061306#1	Plumb,1981	Percent	0.020	1.87

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC6-2-4.5
ARI ID: 06-2574 JB20B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	83.30
Total Organic Carbon	02/20/06 022006#1	Plumb, 1981	Percent	0.020	1.74

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC6-2-2.5
ARI ID: 06-9362 JL31I

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	62.30
Total Organic Carbon	06/13/06 061306#1	Plumb, 1981	Percent	0.020	2.25

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC6-2.5-3
ARI ID: 06-9363 JL31J

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	59.40
Total Organic Carbon	06/13/06 061306#1	Plumb, 1981	Percent	0.020	1.37

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC6-3-3.5
ARI ID: 06-9364 JL31K

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	58.50
Total Organic Carbon	06/13/06 061306#1	Plumb,1981	Percent	0.020	1.58

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC6-3.5-4
ARI ID: 06-9365 JL31L

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	61.10
Total Organic Carbon	06/13/06 061306#1	Plumb, 1981	Percent	0.020	0.814

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONAL
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 06/16/06

A handwritten signature in black ink, appearing to be a stylized name, located next to the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06


Client ID: LDW-SC6-4-4.5
ARI ID: 06-9366 JL31M

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	55.50
Total Organic Carbon	06/13/06 061306#1	Plumb, 1981	Percent	0.020	2.23

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC6-6-8
ARI ID: 06-8873 JK31P

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	83.40
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	0.620

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06


Client ID: LDW-SC7-0-1
ARI ID: 06-2600 JB20AB

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	59.30
Total Organic Carbon	02/20/06 022006#1	Plumb, 1981	Percent	0.020	2.04

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JB20AB Client ID: LDW-SC7-0-1					
Total Solids	02/15/06	Percent	59.30	59.30 58.50	0.8%

SAMPLE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *AR*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC7-1-1.7
ARI ID: 06-2601 JB20AC

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	60.10
Total Organic Carbon	02/20/06 022006#1	Plumb, 1981	Percent	0.020	0.835

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06


Client ID: LDW-SC7-1.7-4
ARI ID: 06-2602 JB20AD

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	60.00
Total Organic Carbon	02/20/06 022006#1	Plumb,1981	Percent	0.020	0.074

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC8-0-1
ARI ID: 06-2594 JB20V

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	74.60
Total Organic Carbon	02/20/06 022006#1	Plumb, 1981	Percent	0.020	1.99

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *gk*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC8-1-2
ARI ID: 06-2595 JB20W

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	52.90
Total Organic Carbon	02/20/06 022006#1	Plumb, 1981	Percent	0.020	1.15

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 02/28/06

A handwritten signature in black ink, appearing to be 'JK', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06


Client ID: LDW-SC8-2-4
ARI ID: 06-2596 JB20X

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	54.70
Total Organic Carbon	02/20/06 022006#1	Plumb, 1981	Percent	0.020	1.41

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

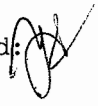
Client ID: LDW-SC8-4-6
ARI ID: 06-8874 JK31Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	65.40
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	1.55

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC8-6-8
ARI ID: 06-8875 JK31R

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	58.40
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	1.97

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized *MO*
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC8-8-10
ARI ID: 06-11849 JO76A

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#1	EPA 160.3	Percent	0.01	54.60
Total Organic Carbon	07/11/06 071106#1	Plumb,1981	Percent	0.020	2.02

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JO76A Client ID: LDW-SC8-8-10					
Total Solids	07/10/06	Percent	54.60	54.80 54.30	0.5%
Total Organic Carbon	07/11/06	Percent	2.02	1.75 1.79	7.9%

SAMPLE RESULTS-CONVENTIONALS
JB30-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06

Client ID: LDW-SC9-0-1
ARI ID: 06-2820 JB30S

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	68.10
Total Organic Carbon	02/17/06 021706#2	Plumb,1981	Percent	0.020	1.63

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB30-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/01/06

A handwritten signature in black ink, appearing to be 'JD', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06

Client ID: LDW-SC9-1-2.6
ARI ID: 06-2821 JB30T

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	50.60
Total Organic Carbon	02/17/06 021706#2	Plumb, 1981	Percent	0.020	2.47

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB30-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06

Client ID: LDW-SC9-2.6-4

ARI ID: 06-2822 JB30U

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#3	EPA 160.3	Percent	0.01	59.60
Total Organic Carbon	02/21/06 022106#1	Plumb,1981	Percent	0.020	0.693

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC10-0-1
ARI ID: 06-2606 JB20AH

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	64.70
Total Organic Carbon	02/20/06 022006#1	Plumb,1981	Percent	0.020	1.86

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC10-1-2
ARI ID: 06-2607 JB20AI

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	61.10
Total Organic Carbon	02/20/06 022006#1	Plumb, 1981	Percent	0.020	2.23

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB20-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 02/28/06

A handwritten signature in black ink, appearing to be 'Jr' or similar, written over the 'Data Release Authorized' line.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC10-2-4
ARI ID: 06-2608 JB20AJ

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	74.40
Total Organic Carbon	02/20/06 022006#1	Plumb, 1981	Percent	0.020	2.95

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/01/06

A handwritten signature in black ink, appearing to be 'M' or 'W', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC10-4-5
ARI ID: 06-8876 JK31S

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	57.40
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	1.04

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/10/06
Date Received: 02/10/06

Client ID: LDW-SC10-6-8
ARI ID: 06-11850 JO76B

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#1	EPA 160.3	Percent	0.01	79.40
Total Organic Carbon	07/11/06 071106#1	Plumb, 1981	Percent	0.020	0.989

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/13/06

Client ID: LDW-SC11-0-.8
ARI ID: 06-2839 JB310

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	50.80
Total Organic Carbon	02/21/06 022106#1	Plumb, 1981	Percent	0.020	4.23

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/13/06

Client ID: LDW-SC11-.8-2
ARI ID: 06-2840 JB31P

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	75.70
Total Organic Carbon	02/21/06 022106#1	Plumb, 1981	Percent	0.020	0.647

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/13/06

Client ID: LDW-SC11-2-3.4
ARI ID: 06-2841 JB31Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	73.80
Total Organic Carbon	02/21/06 022106#1	Plumb, 1981	Percent	0.020	0.397

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/13/06

Client ID: LDW-SC11-3.4-4.1
ARI ID: 06-2842 JB31R

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	85.10
Total Organic Carbon	02/21/06 022106#1	Plumb, 1981	Percent	0.020	0.178

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC12-0-2
ARI ID: 06-3268 JB82S

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#3	EPA 160.3	Percent	0.01	50.00
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	1.92

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/19/06

A handwritten signature in black ink, appearing to be 'D. J. ...', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06


Client ID: LDW-SC12-0-.5
ARI ID: 06-9392 JL33A

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	54.50
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	1.37

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC




Matrix: Sediment
Data Release Authorized: 
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JL33A Client ID: LDW-SC12-0-.5					
Total Solids	06/12/06	Percent	54.50	54.30 54.30	0.2%
Total Organic Carbon	06/15/06	Percent	1.37	1.27 1.33	3.8%

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC12-.5-1
ARI ID: 06-9393 JL33B

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	44.50
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	1.98

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC12-1-1.5
ARI ID: 06-9394 JL33C

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	45.00
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	1.85

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 06/19/06

A handwritten signature in black ink, appearing to be 'JL33' or similar, written over the 'Data Release Authorized' line.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC12-1.5-2
ARI ID: 06-9395 JL33D

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	46.20
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	1.98

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC12-2-4
ARI ID: 06-3269 JB82T

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#3	EPA 160.3	Percent	0.01	54.20
Total Organic Carbon	02/22/06 022206#1	Plumb,1981	Percent	0.020	1.58

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06


Client ID: LDW-SC12-2-2.5
ARI ID: 06-9396 JL33E

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	48.20
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	2.24

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC12-2.5-3
ARI ID: 06-9397 JL33F

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	56.50
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	1.67

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/19/06

A handwritten signature in black ink, appearing to be 'M. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06


Client ID: LDW-SC12-3-3.5
ARI ID: 06-9398 JL33G

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	55.00
Total Organic Carbon	06/15/06 061506#1	Plumb,1981	Percent	0.020	1.57

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06


Client ID: LDW-SC12-3.5-4
ARI ID: 06-9399 JL33H

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	50.80
Total Organic Carbon	06/15/06 061506#1	Plumb,1981	Percent	0.020	1.61

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/17/06

Client ID: LDW-SC12-4-6.7
ARI ID: 06-8872 JK310

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	56.10
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	1.92

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONAL
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC12-6.7-8.7
ARI ID: 06-11851 JO76C

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#1	EPA 160.3	Percent	0.01	77.80
Total Organic Carbon	07/11/06 071106#1	Plumb, 1981	Percent	0.020	0.869

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB30-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 03/01/06

A handwritten signature in black ink, appearing to be a stylized 'A' or similar character, written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06

Client ID: LDW-SC13-0-2
ARI ID: 06-2803 JB30B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	63.00
Total Organic Carbon	02/17/06 021706#2	Plumb,1981	Percent	0.020	3.46

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06

Client ID: LDW-SC13-0-.5
ARI ID: 06-9375 JL32A

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	77.40
Total Organic Carbon	06/14/06 061406#1	Plumb,1981	Percent	0.020	1.51

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06

Client ID: LDW-SC13-.5-1
ARI ID: 06-9376 JL32B

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	66.70
Total Organic Carbon	06/14/06 061406#1	Plumb, 1981	Percent	0.020	3.40

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/16/06

A handwritten signature in black ink, appearing to be 'JL' or similar, written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JL32B Client ID: LDW-SC13-.5-1					
Total Solids	06/12/06	Percent	66.70	66.60 68.10	1.2%
Total Organic Carbon	06/14/06	Percent	3.40	3.38 2.94	8.0%

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06

Client ID: LDW-SC13-1-1.5
ARI ID: 06-9377 JL32C

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	63.50
Total Organic Carbon	06/14/06 061406#1	Plumb,1981	Percent	0.020	2.55

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06


Client ID: LDW-SC13-1.5-2
ARI ID: 06-9378 JL32D

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	50.30
Total Organic Carbon	06/14/06 061406#1	Plumb,1981	Percent	0.020	3.26

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB30-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06


Client ID: LDW-SC13-2-4
ARI ID: 06-2804 JB30C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	66.40
Total Organic Carbon	02/17/06 021706#2	Plumb,1981	Percent	0.020	2.26

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06

Client ID: LDW-SC13-2-2.5
ARI ID: 06-9379 JL32E

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	49.10
Total Organic Carbon	06/14/06 061406#1	Plumb,1981	Percent	0.020	3.45

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/16/06

A handwritten signature in black ink, appearing to be 'JL', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06

Client ID: LDW-SC13-2.5-3
ARI ID: 06-9380 JL32F

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	60.60
Total Organic Carbon	06/14/06 061406#1	Plumb, 1981	Percent	0.020	1.84

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS--CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/14/06

Client ID: LDW-SC13-3-3.5
ARI ID: 06-9381 JL32G

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	72.30
Total Organic Carbon	06/14/06 061406#1	Plumb, 1981	Percent	0.020	1.55

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/13/06


Client ID: LDW-SC14-0-1.4
ARI ID: 06-2832 JB31H

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	56.80
Total Organic Carbon	02/21/06 022106#1	Plumb,1981	Percent	0.020	1.93

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JB31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/13/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JB31H Client ID: LDW-SC14-0-1.4					
Total Organic Carbon	02/21/06	Percent	1.93	1.59 1.42	15.8%
ARI ID: JB31I Client ID: LDW-SC14-1.4-2					
Total Solids	02/15/06	Percent	53.60	50.90 51.00	3.0%

SAMPLE RESULTS-CONVENTIONALS
JB31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/13/06

Client ID: LDW-SC14-1.4-2
ARI ID: 06-2833 JB31I

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	53.60
Total Organic Carbon	02/21/06 022106#1	Plumb, 1981	Percent	0.020	1.63

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/13/06

Client ID: LDW-SC14-2-4.1
ARI ID: 06-2834 JB31J

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	51.10
Total Organic Carbon	02/21/06 022106#1	Plumb, 1981	Percent	0.020	1.72

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/13/06

Client ID: LDW-SC14-4.1-6
ARI ID: 06-8882 JK31Y

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	54.40
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	1.82

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/13/06


Client ID: LDW-SC14-6-8.7
ARI ID: 06-11852 JO76D

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#1	EPA 160.3	Percent	0.01	58.50
Total Organic Carbon	07/11/06 071106#1	Plumb, 1981	Percent	0.020	1.55

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/13/06
Date Received: 02/13/06

Client ID: LDW-SC14-10-11
ARI ID: 06-11853 JO76E

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#1	EPA 160.3	Percent	0.01	75.60
Total Organic Carbon	07/11/06 071106#1	Plumb,1981	Percent	0.020	0.403

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 03/06/06

A handwritten signature in black ink, appearing to be a stylized 'J' or 'K' followed by a flourish.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06


Client ID: LDW-SC15-0-1
ARI ID: 06-3365 JB98A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	48.20
Total Organic Carbon	03/02/06 030206#1	Plumb,1981	Percent.	0.020	2.37

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06


Client ID: LDW-SC15-1-2
ARI ID: 06-3366 JB98B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	50.90
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	1.96

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC15-2-4
ARI ID: 06-3367 JB98C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	52.50
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	1.62

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 06/01/06

A handwritten signature in black ink, appearing to be 'JK', is written over the 'Data Release Authorized' and 'Reported' lines.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06


Client ID: LDW-SC15-4-6
ARI ID: 06-8869 JK31L

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	52.50
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	2.19

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC15-8-10
ARI ID: 06-11854 JO76F

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#1	EPA 160.3	Percent	0.01	80.80
Total Organic Carbon	07/11/06 071106#1	Plumb,1981	Percent	0.020	0.163

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONAL
JB46-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 02/28/06

A handwritten signature in black ink, appearing to be 'JH', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC16-0-2
ARI ID: 06-2921 JB46F

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	50.80
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	2.02

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB46-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

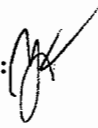
Client ID: LDW-SC16-2-4
ARI ID: 06-2922 JB46G

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	48.00
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	2.84

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JB46-Windward Environmental, LLC




Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JB46G Client ID: LDW-SC16-2-4					
Total Solids	02/20/06	Percent	48.00	47.80 48.50	0.7%
Total Organic Carbon	02/22/06	Percent	2.84	2.74 3.43	12.4%

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06


Client ID: LDW-SC16-4-6
ARI ID: 06-8877 JK31T

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	52.00
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	2.24

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC16-8-10
ARI ID: 06-8878 JK31U

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	62.20
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	1.63

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/01/06

A handwritten signature in black ink, appearing to be a stylized 'A' or similar character, written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JK31U Client ID: LDW-SC16-8-10					
Total Solids	05/26/06	Percent	62.20	64.50 61.30	2.6%
Total Organic Carbon	05/31/06	Percent	1.63	1.89 1.90	8.5%

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC17-0-1
ARI ID: 06-3822 JC42G

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	47.00
Total Organic Carbon	03/03/06 030306#1	Plumb,1981	Percent	0.020	3.06

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'J. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06


Client ID: LDW-SC17-1-2
ARI ID: 06-3823 JC42H

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#2	EPA 160.3	Percent	0.01	48.10
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	3.25

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC17-2-4
ARI ID: 06-3824 JC42I

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#2	EPA 160.3	Percent	0.01	38.50
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	6.35

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/01/06

A handwritten signature in black ink, appearing to be 'WJ', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC17-6-8.2
ARI ID: 06-8887 JK31AD

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	55.50
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	3.24

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC18-0-1
ARI ID: 06-3371 JB98G

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	72.70
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	1.77

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06


Client ID: LDW-SC18-1-2
ARI ID: 06-3372 JB98H

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	77.90
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	0.963

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06


Client ID: LDW-SC18-2-4
ARI ID: 06-3373 JB98I

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	76.50
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	1.63

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06


Client ID: LDW-SC19-0-1
ARI ID: 06-4149 JC95J

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	45.80
Total Organic Carbon	03/07/06 030706#1	Plumb, 1981	Percent	0.020	2.28

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC19-1-2
ARI ID: 06-4150 JC95K

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	50.20
Total Organic Carbon	03/07/06 030706#1	Plumb,1981	Percent	0.020	1.70

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC19-2-4
ARI ID: 06-4151 JC95L

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	54.30
Total Organic Carbon	03/07/06 030706#1	Plumb,1981	Percent	0.020	1.56

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06


Client ID: LDW-SC19-4-6
ARI ID: 06-8888 JK31AE

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	53.10
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	1.26

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC19-6-7
ARI ID: 06-11855 JO76G

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#1	EPA 160.3	Percent	0.01	53.90
Total Organic Carbon	07/11/06 071106#1	Plumb,1981	Percent	0.020	1.54

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RES...
J076-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC19-9-11.9
ARI ID: 06-1188-1076H

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#2	EPA 160.3	Percent	0.01	80.40
Total Organic Carbon	07/11/06 071106#1	Plumb, 1981	Percent	0.020	0.190

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB80-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 04-08-06-24
Date Sampled: 02/15/06
Date Received: 02/15/06

Client ID: LDW-SC20-0-2
ARI ID: 06-3223 JB80G

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#3	EPA 160.3	Percent	0.01	54.00
Total Organic Carbon	02/24/06 022406#1	Plumb, 1981	Percent	0.020	1.58

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB80-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 04-08-06-24
Date Sampled: 02/15/06
Date Received: 02/15/06

Client ID: LDW-SC20-2-4
ARI ID: 06-3224 JB80H

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#3	EPA 160.3	Percent	0.01	53.30
Total Organic Carbon	02/21/06 022106#1	Plumb, 1981	Percent	0.020	1.50

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JB80-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 04-08-06-24
Date Sampled: 02/15/06
Date Received: 02/15/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JB80G Client ID: LDW-SC20-0-2					
Total Solids	02/20/06	Percent	54.00	54.30 54.30	0.3%
Total Organic Carbon	02/24/06	Percent	1.58	1.50 1.30	9.9%

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/01/06

A handwritten signature in black ink, appearing to be 'M. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/15/06
Date Received: 02/17/06

Client ID: LDW-SC20-4-6
ARI ID: 06-8870 JK31M

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	53.10
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	2.22

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JQ01-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 07/20/06

A handwritten signature in black ink, appearing to be 'JK', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/15/06
Date Received: 07/19/06

Client ID: LDW-SC20-8-10
ARI ID: 06-12676 JQ01A

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/19/06 071906#1	EPA 160.3	Percent	0.01	60.60
Total Organic Carbon	07/20/06 072006#1	Plumb,1981	Percent	0.020	1.95

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JQ01-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 07/20/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/15/06
Date Received: 07/19/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JQ01A Client ID: LDW-SC20-8-10					
Total Solids	07/19/06	Percent	60.60	60.20 60.50	0.3%
Total Organic Carbon	07/20/06	Percent	1.95	1.65 1.83	8.3%

SAMPLE RESULTS-CONVENTIONALS
JB64-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *AK*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/15/06
Date Received: 02/15/06

Client ID: LDW-SC21-0-1
ARI ID: 06-3075 JB64E

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	47.20
Total Organic Carbon	02/24/06 022406#1	Plumb, 1981	Percent	0.020	1.98

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB64-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *AK*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/15/06
Date Received: 02/15/06

Client ID: LDW-SC21-1-2
ARI ID: 06-3076 JB64F

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	52.30
Total Organic Carbon	02/24/06 022406#1	Plumb, 1981	Percent	0.020	1.49

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB64-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/15/06
Date Received: 02/15/06

Client ID: LDW-SC21-2-4
ARI ID: 06-3077 JB64G

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	58.00
Total Organic Carbon	02/24/06 022406#1	Plumb, 1981	Percent	0.020	1.64

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/01/06

A handwritten signature in black ink, appearing to be 'AJ', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/15/06
Date Received: 02/15/06

Client ID: LDW-SC21-4-6.2
ARI ID: 06-8880 JK31W

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	55.80
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	1.94

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/15/06
Date Received: 02/15/06

Client ID: LDW-SC21-10-11.3
ARI ID: 06-11858 JO76J

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#2	EPA 160.3	Percent	0.01	71.70
Total Organic Carbon	07/11/06 071106#1	Plumb,1981	Percent	0.020	1.33

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB46-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC22-0-1.1
ARI ID: 06-2916 JB46A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	70.70
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	2.30

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB46-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC22-1.1-2
ARI ID: 06-2917 JB46B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	77.50
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	2.18

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB46-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC22-2-4
ARI ID: 06-2918 JB46C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	75.50
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	1.44

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB91-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC23-0-2
ARI ID: 06-3311 JB91C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	62.70
Total Organic Carbon	02/27/06 022706#1	Plumb, 1981	Percent	0.020	2.12

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 06/19/06

A handwritten signature in black ink, appearing to be 'MOK', is written over the 'Data Release Authorized' and 'Reported' lines.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC23-0-0.5


ARI ID: 06-9400 JL33I

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	49.70
Total Organic Carbon	06/15/06 061506#1	Plumb,1981	Percent	0.020	2.05

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06


Client ID: LDW-SC23-0.5-1
ARI ID: 06-9401 JL33J

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	53.30
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	2.17

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

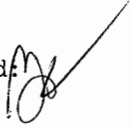
Client ID: LDW-SC23-1-1.5
ARI ID: 06-9402 JL33K

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	54.80
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	1.76

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC23-1.5-2
ARI ID: 06-9403 JL33L

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	62.20
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	1.60

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB91-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06


Client ID: LDW-SC23-2-4
ARI ID: 06-3312 JB91D

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	49.50
Total Organic Carbon	02/27/06 022706#1	Plumb, 1981	Percent	0.020	2.14

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC23-2-2.5
ARI ID: 06-9404 JL33M

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	55.30
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	1.78

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/19/06

A handwritten signature in black ink, appearing to be 'JL' or similar initials, written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC23-2.5-3
ARI ID: 06-9405 JL33N

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	51.10
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	1.39

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC23-3-3.5
ARI ID: 06-9406 JL330

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	51.70
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	1.30

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL33-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/19/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06


Client ID: LDW-SC23-3.5-4
ARI ID: 06-9407 JL33P

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	51.40
Total Organic Carbon	06/15/06 061506#1	Plumb, 1981	Percent	0.020	2.29

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC23-4-6
ARI ID: 06-8879 JK31V

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	52.10
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	1.46

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC23-6-8
ARI ID: 06-11859 JO76K

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#2	EPA 160.3	Percent	0.01	55.60
Total Organic Carbon	07/11/06 071106#1	Plumb, 1981	Percent	0.020	2.25

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC23-8-10.2
ARI ID: 06-11860 JO76L

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#2	EPA 160.3	Percent	0.01	61.50
Total Organic Carbon	07/11/06 071106#1	Plumb,1981	Percent	0.020	1.63

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06


Client ID: LDW-SC24-0-1
ARI ID: 06-3381 JB98Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	53.50
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	1.99

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C.
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC24-1-2
ARI ID: 06-3382 JB98R

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	72.70
Total Organic Carbon	03/02/06 030206#1	Plumb,1981	Percent	0.020	0.304

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC24-2-4
ARI ID: 06-3383 JB98S

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	72.80
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	0.435

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB96-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be a stylized name, located next to the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06

Client ID: LDW-SC25-0-1
ARI ID: 06-3358 JB96Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	47.50
Total Organic Carbon	02/28/06 022806#1	Plumb,1981	Percent	0.020	1.94

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB96-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'M' or 'J', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06

Client ID: LDW-SC25-1-2
ARI ID: 06-3359 JB96R

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	52.20
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	1.47

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB96-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06

Client ID: LDW-SC25-2-4
ARI ID: 06-3360 JB96S

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	54.40
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	1.69

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/01/06

A handwritten signature in black ink, appearing to be 'A. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06

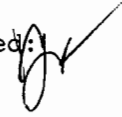
Client ID: LDW-SC25-4-6
ARI ID: 06-8884 JK31AA

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	52.60
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	1.63

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06


Client ID: LDW-SC25-8-9.1
ARI ID: 06-11861 JO76M

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#2	EPA 160.3	Percent	0.01	76.80
Total Organic Carbon	07/11/06 071106#1	Plumb,1981	Percent	0.020	0.110

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC21-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC26-0-1
ARI ID: 06-3610 JC21AL

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	47.70
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	1.40

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC21-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC26-1-2
ARI ID: 06-3611 JC21AM

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	53.10
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	2.04

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC21-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'M. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06


Client ID: LDW-SC26-2-4
ARI ID: 06-3612 JC21AN

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	54.30
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	2.08

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC26-6-8
ARI ID: 06-8858 JK31A

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	61.80
Total Organic Carbon	05/30/06 053006#1	Plumb, 1981	Percent	0.020	1.87

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC26-11.1-12.1
ARI ID: 06-8859 JK31B

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	77.00
Total Organic Carbon	05/30/06 053006#1	Plumb, 1981	Percent	0.020	0.912

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB46-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC27-0-2
ARI ID: 06-2940 JB46Y

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	53.10
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	2.24

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/16/06

A handwritten signature in black ink, appearing to be 'JL' or similar, written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC27-0-0.5
ARI ID: 06-9382 JL32H

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	55.80
Total Organic Carbon	06/14/06 061406#1	Plumb,1981	Percent	0.020	1.54

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/16/06

A handwritten signature in black ink, appearing to be 'B. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC27-0.5-1
ARI ID: 06-9383 JL32I

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	54.20
Total Organic Carbon	06/14/06 061406#1	Plumb,1981	Percent	0.020	1.80

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/16/06

A handwritten signature in black ink, appearing to be 'M' or 'MN', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC27-1-1.5
ARI ID: 06-9384 JL32J

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	52.80
Total Organic Carbon	06/14/06 061406#1	Plumb,1981	Percent	0.020	1.22

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC27-1.5-2
ARI ID: 06-9385 JL32K

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	50.70
Total Organic Carbon	06/14/06 061406#1	Plumb, 1981	Percent	0.020	1.82

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB46-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC27-2-4.5
ARI ID: 06-2941 JB46Z

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	60.50
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	2.12

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/16/06

A handwritten signature in black ink, appearing to be 'AL' or similar, written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC27-2-2.5
ARI ID: 06-9386 JL32L

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	55.60
Total Organic Carbon	06/14/06 061406#1	Plumb, 1981	Percent	0.020	2.14

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC27-2.5-3
ARI ID: 06-9387 JL32M

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	54.70
Total Organic Carbon	06/14/06 061406#1	Plumb,1981	Percent	0.020	2.27

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC27-3-3.5
ARI ID: 06-9388 JL32N

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	61.80
Total Organic Carbon	06/14/06 061406#1	Plumb,1981	Percent	0.020	1.80

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC27-3.5-4
ARI ID: 06-9389 JL320

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	61.80
Total Organic Carbon	06/14/06 061406#1	Plumb, 1981	Percent	0.020	1.16

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06

Client ID: LDW-SC27-4-4.5
ARI ID: 06-9390 JL32P

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	68.10
Total Organic Carbon	06/14/06 061406#1	Plumb, 1981	Percent	0.020	2.00

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC48-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized *[Signature]*
Reported: 03/10/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/25/06
Date Received: 02/27/06


Client ID: LDW-SC28-0-1
ARI ID: 06-3863 JC48A

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/07/06 030706#2	EPA 160.3	Percent	0.01	51.90
Total Organic Carbon	03/08/06 030806#1	Plumb, 1981	Percent	0.020	2.82

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JC48-Windward Environmental, LLC




Matrix: Sediment
Data Release Authorized: 
Reported: 03/10/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/25/06
Date Received: 02/27/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JC48A Client ID: LDW-SC28-0-1					
Total Solids	03/07/06	Percent	51.90	53.40 51.80	1.7%
Total Organic Carbon	03/08/06	Percent	2.82	2.59 2.13	14.0%

SAMPLE RESULTS-CONVENTIONALS
JC48-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/10/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/25/06
Date Received: 02/27/06


Client ID: LDW-SC28-1-2
ARI ID: 06-3864 JC48B

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/07/06 030706#2	EPA 160.3	Percent	0.01	52.40
Total Organic Carbon	03/08/06 030806#1	Plumb, 1981	Percent	0.020	2.07

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC48-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/10/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/25/06
Date Received: 02/27/06

Client ID: LDW-SC28-2-4
ARI ID: 06-3865 JC48C

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/07/06 030706#2	EPA 160.3	Percent	0.01	49.10
Total Organic Carbon	03/08/06 030806#1	Plumb, 1981	Percent	0.020	3.14

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/25/06
Date Received: 02/27/06

Client ID: LDW-SC28-5.5-7.5
ARI ID: 06-8862 JK31E

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	68.40
Total Organic Carbon	05/30/06 053006#1	Plumb, 1981	Percent	0.020	1.61

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 07/13/06

A handwritten signature in black ink, appearing to be 'A. J. ...', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/25/06
Date Received: 02/27/06

Client ID: LDW-SC28-12-12.6
ARI ID: 06-11862 JO76N

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#2	EPA 160.3	Percent	0.01	64.20
Total Organic Carbon	07/11/06 071106#1	Plumb, 1981	Percent	0.020	1.31

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06


Client ID: LDW-SC29-0-1
ARI ID: 06-4146 JC95G

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	70.20
Total Organic Carbon	03/07/06 030706#1	Plumb, 1981	Percent	0.020	1.77

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06


Client ID: LDW-SC29-1-2
ARI ID: 06-4147 JC95H

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	75.00
Total Organic Carbon	03/07/06 030706#1	Plumb, 1981	Percent	0.020	1.06

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC29-2-3.6
ARI ID: 06-4148 JC95I

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	80.00
Total Organic Carbon	03/07/06 030706#1	Plumb,1981	Percent	0.020	0.480

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB47-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06


Client ID: LDW-SC30-0-2.5
ARI ID: 06-2957 JB47J

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	79.10
Total Organic Carbon	02/24/06 022406#1	Plumb, 1981	Percent	0.020	0.541

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB47-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/14/06
Date Received: 02/14/06


Client ID: LDW-SC30-2.5-4
ARI ID: 06-2958 JB47K

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	77.50
Total Organic Carbon	02/24/06 022406#1	Plumb,1981	Percent	0.020	0.271

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC31-0-1
ARI ID: 06-3377 JB98M

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	44.80
Total Organic Carbon	03/02/06 030206#1	Plumb,1981	Percent	0.020	2.52

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Client ID: LDW-SC31-1-2.8
ARI ID: 06-3378 JB98N

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	50.00
Total Organic Carbon	03/02/06 030206#1	Plumb,1981	Percent	0.020	2.18

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06


Client ID: LDW-SC31-2.8-4
ARI ID: 06-3379 JB980

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	82.00
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	0.114

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JB98-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/17/06
Date Received: 02/17/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JB980 Client ID: LDW-SC31-2.8-4					
Total Solids	02/24/06	Percent	82.00	82.70 81.70	0.6%
Total Organic Carbon	03/03/06	Percent	0.114	0.089 0.106	12.4%

SAMPLE RESULTS-CONVENTIONALS
JB31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/13/06

Client ID: LDW-SC32-0-1
ARI ID: 06-2825 JB31A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	42.60
Total Organic Carbon	02/21/06 022106#1	Plumb, 1981	Percent	0.020	1.81

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/13/06

Client ID: LDW-SC32-1-2
ARI ID: 06-2826 JB31B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	37.40
Total Organic Carbon	02/21/06 022106#1	Plumb, 1981	Percent	0.020	1.16

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/13/06

Client ID: LDW-SC32-2-4
ARI ID: 06-2827 JB31C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/15/06 021506#2	EPA 160.3	Percent	0.01	45.80
Total Organic Carbon	02/21/06 022106#1	Plumb,1981	Percent	0.020	1.47

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/13/06

Client ID: LDW-SC32-5.2-8
ARI ID: 06-8881 JK31X

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	75.70
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	0.724

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB22-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *MP*
Reported: 02/17/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06


Client ID: LDW-SC33-0-2
ARI ID: 06-2641 JB22A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	55.80
Total Organic Carbon	02/16/06 021606#1	Plumb,1981	Percent	0.020	3.34

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06


Client ID: LDW-SC33-0-0.5
ARI ID: 06-9367 JL31N

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	59.30
Total Organic Carbon	06/13/06 061306#1	Plumb,1981	Percent	0.020	1.76

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06


Client ID: LDW-SC33-0.5-1
ARI ID: 06-9368 JL310

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	54.00
Total Organic Carbon	06/13/06 061306#1	Plumb,1981	Percent	0.020	2.14

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06

Client ID: LDW-SC33-1-1.5
ARI ID: 06-9369 JL31P

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	55.30
Total Organic Carbon	06/13/06 061306#1	Plumb, 1981	Percent	0.020	2.53

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06

Client ID: LDW-SC33-1.5-2
ARI ID: 06-9370 JL31Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	53.50
Total Organic Carbon	06/13/06 061306#1	Plumb,1981	Percent	0.020	2.42

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB22-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *mdp*
Reported: 02/17/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06


Client ID: LDW-SC33-2-4
ARI ID: 06-2642 JB22B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	61.50
Total Organic Carbon	02/16/06 021606#1	Plumb, 1981	Percent	0.020	1.62

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06


Client ID: LDW-SC33-2-2.5
ARI ID: 06-9371 JL31R

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	57.60
Total Organic Carbon	06/13/06 061306#1	Plumb, 1981	Percent	0.020	1.35

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06

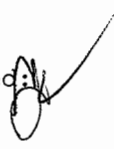
Client ID: LDW-SC33-2.5-3
ARI ID: 06-9372 JL31S

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#1	EPA 160.3	Percent	0.01	55.70
Total Organic Carbon	06/13/06 061306#1	Plumb,1981	Percent	0.020	1.98

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06


Client ID: LDW-SC33-4-6
ARI ID: 06-8865 JK31H

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	60.40
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	2.10

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06

Client ID: LDW-SC33-8-10
ARI ID: 06-11863 JO760

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#2	EPA 160.3	Percent	0.01	65.30
Total Organic Carbon	07/11/06 071106#1	Plumb,1981	Percent	0.020	1.53

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB22-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *mb*
Reported: 02/17/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06

Client ID: LDW-SC201-0-1.5
ARI ID: 06-2659 JB22S

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	56.80
Total Organic Carbon	02/16/06 021606#1	Plumb, 1981	Percent	0.020	1.88

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB22-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *MR*
Reported: 02/17/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06


Client ID: LDW-SC201-1.5-4
ARI ID: 06-2660 JB22T

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	59.30
Total Organic Carbon	02/16/06 021606#1	Plumb, 1981	Percent	0.020	1.33

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06

Client ID: LDW-SC201-4-6
ARI ID: 06-8866 JK31I

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	57.10
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	2.13

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 07/13/06

A handwritten signature in black ink, appearing to be 'J. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/11/06
Date Received: 02/11/06

Client ID: LDW-SC201-8-10
ARI ID: 06-11864 JO76P

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#2	EPA 160.3	Percent	0.01	65.10
Total Organic Carbon	07/11/06 071106#1	Plumb,1981	Percent	0.020	1.55

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB96-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06

Client ID: LDW-SC34-0-1
ARI ID: 06-3342 JB96A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	46.10
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	2.90

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB96-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'M. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06

Client ID: LDW-SC34-1-2
ARI ID: 06-3343 JB96B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	50.00
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	3.02

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB96-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be a stylized name, located next to the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06

Client ID: LDW-SC34-2-4
ARI ID: 06-3344 JB96C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	59.90
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	2.05

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB96-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'JL' or similar, written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06

Client ID: LDW-SC203-0-1
ARI ID: 06-3348 JB96G

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	45.50
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	3.27

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB96-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06

Client ID: LDW-SC203-1-2
ARI ID: 06-3349 JB96H

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	47.30
Total Organic Carbon	02/28/06 022806#1	Plumb,1981	Percent	0.020	2.91

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB96-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06

Client ID: LDW-SC203-2-4
ARI ID: 06-3350 JB96I

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	52.90
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	2.59

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 06/01/06

A handwritten signature in black ink, appearing to be a stylized name, located to the right of the matrix information.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/18/06
Date Received: 02/18/06

Client ID: LDW-SC203-4-6
ARI ID: 06-8883 JK31Z

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	58.80
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	2.44

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB64-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/15/06
Date Received: 02/15/06


Client ID: LDW-SC35-0-2
ARI ID: 06-3082 JB64L

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	52.60
Total Organic Carbon	02/24/06 022406#1	Plumb,1981	Percent	0.020	1.86

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB64-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/15/06
Date Received: 02/15/06

Client ID: LDW-SC35-2-4
ARI ID: 06-3083 JB64M

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	57.70
Total Organic Carbon	02/24/06 022406#1	Plumb,1981	Percent	0.020	1.91

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC36-0-1
ARI ID: 06-3250 JB82A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	61.30
Total Organic Carbon	02/22/06 022206#1	Plumb,1981	Percent	0.020	1.42

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 02/28/06

A handwritten signature in black ink, appearing to be a stylized 'M' or 'W', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC36-1-2
ARI ID: 06-3251 JB82B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	64.40
Total Organic Carbon	02/22/06 022206#1	Plumb,1981	Percent	0.020	1.46

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC36-2-4
ARI ID: 06-3252 JB82C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	66.30
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	1.32

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC202-0-1
ARI ID: 06-3256 JB82G

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	56.70
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	1.27

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC202-1-2
ARI ID: 06-3257 JB82H

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	61.30
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	1.75

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC202-2-4
ARI ID: 06-3258 JB82I

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#2	EPA 160.3	Percent	0.01	68.30
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	1.24

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC21-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'M' or 'J', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC37-0-1
ARI ID: 06-3605 JC21AG

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	49.90
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	2.25

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONAL
JC21-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'D. J.' or similar, written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06


Client ID: LDW-SC37-1-2
ARI ID: 06-3606 JC21AH

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	58.90
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	3.10

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JC21-Windward Environmental, LLC



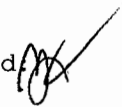
Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JC21AH Client ID: LDW-SC37-1-2					
Total Solids	02/28/06	Percent	58.90	59.20 59.50	0.5%
Total Organic Carbon	03/02/06	Percent	3.10	2.28 2.18	20.0%

SAMPLE RESULTS-CONVENTIONALS
JC21-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC37-2-4
ARI ID: 06-3607 JC21AI

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	68.80
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	2.24

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *PAK*
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC37-5.3-6.9
ARI ID: 06-8861 JK31D

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	79.20
Total Organic Carbon	05/30/06 053006#1	Plumb, 1981	Percent	0.020	0.543

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC10-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC38-0-1
ARI ID: 06-3498 JC10AT

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#2	EPA 160.3	Percent	0.01	46.70
Total Organic Carbon	02/28/06 022806#1	Plumb,1981	Percent	0.020	1.95

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC10-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'B. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC38-1-2
ARI ID: 06-3499 JC10AU

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#2	EPA 160.3	Percent	0.01	54.90
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	1.37

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC10-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC38-2-3
ARI ID: 06-3500 JC10AV

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#2	EPA 160.3	Percent	0.01	69.60
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	1.50

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC10-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC38-3-3.3
ARI ID: 06-3501 JC10AW

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#2	EPA 160.3	Percent	0.01	69.10
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	1.30

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

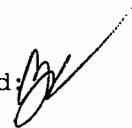
Client ID: LDW-SC39-0-1
ARI ID: 06-3262 JB82M

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#3	EPA 160.3	Percent	0.01	69.60
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	0.911

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC




Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JB82M Client ID: LDW-SC39-0-1					
Total Solids	02/20/06	Percent	69.60	70.30 70.30	0.6%
Total Organic Carbon	02/22/06	Percent	0.911	1.16 1.08	12.1%

SAMPLE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

Client ID: LDW-SC39-1-2
ARI ID: 06-3263 JB82N

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#3	EPA 160.3	Percent	0.01	82.60
Total Organic Carbon	02/22/06 022206#1	Plumb,1981	Percent	0.020	0.633

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB82-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/16/06

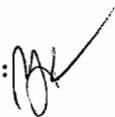
Client ID: LDW-SC39-2-4
ARI ID: 06-3264 JB820

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/20/06 022006#3	EPA 160.3	Percent	0.01	67.60
Total Organic Carbon	02/22/06 022206#1	Plumb, 1981	Percent	0.020	1.56

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/16/06
Date Received: 02/17/06

Client ID: LDW-SC39-4-6
ARI ID: 06-8871 JK31N

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	57.90
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	2.50

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC40-0-1.3
ARI ID: 06-3816 JC42A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	73.20
Total Organic Carbon	03/03/06 030306#1	Plumb,1981	Percent	0.020	0.747

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC40-1.3-2
ARI ID: 06-3817 JC42B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	80.60
Total Organic Carbon	03/03/06 030306#1	Plumb,1981	Percent	0.020	0.328

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'JL' or similar, written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC40-2-4
ARI ID: 06-3818 JC42C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	81.70
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	0.215

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JC42C Client ID: LDW-SC40-2-4					
Total Solids	02/28/06	Percent	81.70	82.20 82.20	0.4%
Total Organic Carbon	03/03/06	Percent	0.215	0.203 0.209	2.9%
ARI ID: JC42Z Client ID: LDW-SC46-0-1					
Total Solids	03/01/06	Percent	56.00	55.60 56.00	0.4%

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06


Client ID: LDW-SC41-0-1
ARI ID: 06-4140 JC95A

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	47.10
Total Organic Carbon	03/07/06 030706#1	Plumb, 1981	Percent	0.020	2.55

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC41-1-2
ARI ID: 06-4141 JC95B

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	50.10
Total Organic Carbon	03/07/06 030706#1	Plumb,1981	Percent	0.020	2.26

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC41-2-4
ARI ID: 06-4142 JC95C

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	49.10
Total Organic Carbon	03/07/06 030706#1	Plumb, 1981	Percent	0.020	2.65

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC41-4-6
ARI ID: 06-8867 JK31J

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	51.20
Total Organic Carbon	05/31/06 053106#1	Plumb, 1981	Percent	0.020	1.89

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC41-6-7.9
ARI ID: 06-11865 JO76Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#2	EPA 160.3	Percent	0.01	59.70
Total Organic Carbon	07/11/06 071106#1	Plumb,1981	Percent	0.020	1.38

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/08/06
Date Received: 02/08/06


Client ID: LDW-SC42-0-1
ARI ID: 06-2360 JA90F

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	48.70
Total Organic Carbon	02/16/06 021606#1	Plumb, 1981	Percent	0.020	1.77

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/08/06
Date Received: 02/08/06


Client ID: LDW-SC42-1-2
ARI ID: 06-2361 JA90G

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	53.30
Total Organic Carbon	02/16/06 021606#1	Plumb, 1981	Percent	0.020	2.14

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/08/06
Date Received: 02/08/06

Client ID: LDW-SC42-2-4
ARI ID: 06-2362 JA90H

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	51.40
Total Organic Carbon	02/20/06 022006#1	Plumb, 1981	Percent	0.020	2.08

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JA90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/08/06
Date Received: 02/08/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JA90H Client ID: LDW-SC42-2-4					
Total Solids	02/14/06	Percent	51.40	51.20 51.40	0.2%
Total Organic Carbon	02/20/06	Percent	2.08	2.42 2.11	8.5%

SAMPLE RESULTS-CONVENTIONALS
JC32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/23/06
Date Received: 02/23/06

Client ID: LDW-SC43-0-2
ARI ID: 06-3681 JC32A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	68.70
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	0.675

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/23/06
Date Received: 02/23/06


Client ID: LDW-SC43-2-4
ARI ID: 06-3682 JC32B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	60.90
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	0.443

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC44-0-2
ARI ID: 06-4143 JC95D

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	59.90
Total Organic Carbon	03/07/06 030706#1	Plumb, 1981	Percent	0.020	1.59

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/21/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06


Client ID: LDW-SC44-0-.5
ARI ID: 06-9409 JL34A

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	57.00
Total Organic Carbon	06/16/06 061606#1	Plumb, 1981	Percent	0.020	1.75

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



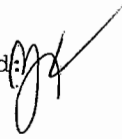
Matrix: Sediment
Data Release Authorized: 
Reported: 06/21/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JL34A Client ID: LDW-SC44-0-.5					
Total Solids	06/12/06	Percent	57.00	56.90 56.70	0.3%
Total Organic Carbon	06/16/06	Percent	1.75	1.49 1.72	8.6%

SAMPLE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/21/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06


Client ID: LDW-SC44-.5-1
ARI ID: 06-9410 JL34B

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	58.10
Total Organic Carbon	06/16/06 061606#1	Plumb, 1981	Percent	0.020	1.68

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/21/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06


Client ID: LDW-SC44-1-1.5
ARI ID: 06-9411 JL34C

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	61.10
Total Organic Carbon	06/16/06 061606#1	Plumb, 1981	Percent	0.020	1.65

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/21/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

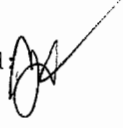
Client ID: LDW-SC44-1.5-2
ARI ID: 06-9412 JL34D

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	60.20
Total Organic Carbon	06/16/06 061606#1	Plumb,1981	Percent	0.020	1.93

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC44-2-3.2
ARI ID: 06-4144 JC95E

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	62.00
Total Organic Carbon	03/07/06 030706#1	Plumb, 1981	Percent	0.020	1.90

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 06/21/06

A handwritten signature or initials, possibly 'A', with a long horizontal line extending to the right.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

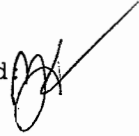
Client ID: LDW-SC44-2-2.5
ARI ID: 06-9413 JL34E

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	64.00
Total Organic Carbon	06/16/06 061606#1	Plumb, 1981	Percent	0.020	1.94

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/21/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06


Client ID: LDW-SC44-2.5-3
ARI ID: 06-9414 JL34F

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	63.00
Total Organic Carbon	06/16/06 061606#1	Plumb, 1981	Percent	0.020	1.68

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/21/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06


Client ID: LDW-SC44-3-3.5
ARI ID: 06-9415 JL34G

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	69.20
Total Organic Carbon	06/16/06 061606#1	Plumb,1981	Percent	0.020	1.52

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC95-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/09/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC44-3.2-4
ARI ID: 06-4145 JC95F

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/06/06 030606#1	EPA 160.3	Percent	0.01	81.70
Total Organic Carbon	03/07/06 030706#1	Plumb,1981	Percent	0.020	0.889

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC10-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC45-0-1
ARI ID: 06-3473 JC10U

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#2	EPA 160.3	Percent	0.01	69.60
Total Organic Carbon	02/28/06 022806#1	Plumb,1981	Percent	0.020	1.48

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC10-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC45-1-2
ARI ID: 06-3474 JC10V

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#2	EPA 160.3	Percent	0.01	67.60
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	1.40

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC10-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

Client ID: LDW-SC45-2-4
ARI ID: 06-3475 JC10W

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#2	EPA 160.3	Percent	0.01	55.80
Total Organic Carbon	02/28/06 022806#1	Plumb, 1981	Percent	0.020	6.88

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/21/06
Date Received: 02/21/06

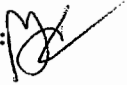
Client ID: LDW-SC45-5-6
ARI ID: 06-8868 JK31K

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	80.00
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	0.272

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC46-0-1
ARI ID: 06-3841 JC42Z

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/01/06 030106#1	EPA 160.3	Percent	0.01	56.00
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	1.81

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC




Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JC42C Client ID: LDW-SC40-2-4					
Total Solids	02/28/06	Percent	81.70	82.20 82.20	0.4%
Total Organic Carbon	03/03/06	Percent	0.215	0.203 0.209	2.9%
ARI ID: JC42Z Client ID: LDW-SC46-0-1					
Total Solids	03/01/06	Percent	56.00	55.60 56.00	0.4%

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC46-1-2
ARI ID: 06-3842 JC42AA

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/01/06 030106#1	EPA 160.3	Percent	0.01	60.70
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	1.42

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC46-2-4
ARI ID: 06-3843 JC42AB

Analyte	Date	Method	Units	RL	Sample
Total Solids	03/01/06 030106#1	EPA 160.3	Percent	0.01	59.10
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	1.94

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC46-4-6.8
ARI ID: 06-8889 JK31AF

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	61.40
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	1.88

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/23/06
Date Received: 02/23/06

Client ID: LDW-SC47-0-1
ARI ID: 06-3715 JC32AI

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	75.30
Total Organic Carbon	03/03/06 030306#1	Plumb,1981	Percent	0.020	1.08

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'M' or 'J', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/23/06
Date Received: 02/23/06


Client ID: LDW-SC47-1-2
ARI ID: 06-3716 JC32AJ

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	52.10
Total Organic Carbon	03/03/06 030306#1	Plumb,1981	Percent	0.020	1.75

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/23/06
Date Received: 02/23/06

Client ID: LDW-SC47-2-3
ARI ID: 06-3717 JC32AK

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	51.50
Total Organic Carbon	03/03/06 030306#1	Plumb,1981	Percent	0.020	1.61

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'J. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/23/06
Date Received: 02/23/06

Client ID: LDW-SC47-3-4
ARI ID: 06-3718 JC32AL

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	70.40
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	0.199

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/08/06
Date Received: 02/08/06

Client ID: LDW-SC48-0-1
ARI ID: 06-3303 JB90C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	76.60
Total Organic Carbon	02/27/06 022706#1	Plumb, 1981	Percent	0.020	1.72

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/08/06
Date Received: 02/08/06

Client ID: LDW-SC48-1-2
ARI ID: 06-3304 JB90D

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	80.60
Total Organic Carbon	02/27/06 022706#1	Plumb, 1981	Percent	0.020	0.416

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/08/06
Date Received: 02/08/06

Client ID: LDW-SC48-2-4
ARI ID: 06-3305 JB90E

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	78.80
Total Organic Carbon	02/27/06 022706#1	Plumb, 1981	Percent	0.020	0.373

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA36-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/16/06

Project: LDW RI-Suburface Sediment Ch
Event: 05-08-06-32
Date Sampled: 02/06/06
Date Received: 02/06/06

Client ID: LDW-SC49-0-1
ARI ID: 06-1917 JA36F

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/08/06 020806#1	EPA 160.3	Percent	0.01	49.10
Total Organic Carbon	02/14/06 021406#1	Plumb, 1981	Percent	0.020	1.97

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA36-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/16/06

Project: LDW RI-Suburface Sediment Ch
Event: 05-08-06-32
Date Sampled: 02/06/06
Date Received: 02/06/06

Client ID: LDW-SC49-1-2
ARI ID: 06-1918 JA36G

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/08/06 020806#1	EPA 160.3	Percent	0.01	56.40
Total Organic Carbon	02/14/06 021406#1	Plumb, 1981	Percent	0.020	1.97

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA36-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 02/16/06

A handwritten signature in black ink, appearing to be 'JH', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment Ch
Event: 05-08-06-32
Date Sampled: 02/06/06
Date Received: 02/06/06

Client ID: LDW-SC49-2-4
ARI ID: 06-1919 JA36H

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/08/06 020806#1	EPA 160.3	Percent	0.01	60.10
Total Organic Carbon	02/14/06 021406#1	Plumb, 1981	Percent	0.020	2.05

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/01/06

A handwritten signature in black ink, appearing to be 'JC' or similar, written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/06/06
Date Received: 02/06/06

Client ID: LDW-SC49-4-6
ARI ID: 06-8890 JK31AG

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	60.60
Total Organic Carbon	05/31/06 053106#1	Plumb,1981	Percent	0.020	2.03

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/06/06
Date Received: 02/06/06

Client ID: LDW-SC49-6-8
ARI ID: 06-11866 JO76R

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#2	EPA 160.3	Percent	0.01	58.20
Total Organic Carbon	07/11/06 071106#1	Plumb, 1981	Percent	0.020	2.71

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JO76-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 07/13/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/06/06
Date Received: 02/06/06

Client ID: LDW-SC49-8-10
ARI ID: 06-11857 JO76I

Analyte	Date	Method	Units	RL	Sample
Total Solids	07/10/06 071006#2	EPA 160.3	Percent	0.01	58.80
Total Organic Carbon	07/11/06 071106#1	Plumb,1981	Percent	0.020	2.30

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'JW', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC50-0-1
ARI ID: 06-3827 JC42L

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#2	EPA 160.3	Percent	0.01	68.60
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	0.630

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC50-1-2
ARI ID: 06-3828 JC42M

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#2	EPA 160.3	Percent	0.01	74.90
Total Organic Carbon	03/03/06 030306#1	Plumb,1981	Percent	0.020	0.816

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06

Client ID: LDW-SC50-2-2.8
ARI ID: 06-3829 JC42N

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#2	EPA 160.3	Percent	0.01	74.60
Total Organic Carbon	03/03/06 030306#1	Plumb,1981	Percent	0.020	1.18

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC42-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/24/06
Date Received: 02/24/06


Client ID: LDW-SC50-2.8-4
ARI ID: 06-3830 JC420

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#2	EPA 160.3	Percent	0.01	83.10
Total Organic Carbon	03/03/06 030306#1	Plumb,1981	Percent	0.020	0.129

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC21-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

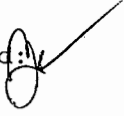
Client ID: LDW-SC51-0-2
ARI ID: 06-3590 JC21R

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	72.30
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	1.47

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/21/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06


Client ID: LDW-SC51-0-0.5
ARI ID: 06-9416 JL34H

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	68.60
Total Organic Carbon	06/16/06 061606#1	Plumb, 1981	Percent	0.020	1.61

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/21/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC51-0.5-1
ARI ID: 06-9417 JL34I

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	80.40
Total Organic Carbon	06/16/06 061606#1	Plumb, 1981	Percent	0.020	1.64

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 06/21/06

A handwritten signature in black ink, appearing to be 'M. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06


Client ID: LDW-SC51-1-1.5
ARI ID: 06-9418 JL34J

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	80.70
Total Organic Carbon	06/16/06 061606#1	Plumb, 1981	Percent	0.020	0.473

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JL34-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 06/21/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC51-1.5-2
ARI ID: 06-9419 JL34K

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/12/06 061206#3	EPA 160.3	Percent	0.01	79.00
Total Organic Carbon	06/16/06 061606#1	Plumb, 1981	Percent	0.020	0.643

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC21-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC51-2-3.8
ARI ID: 06-3591 JC21S

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	70.90
Total Organic Carbon	03/02/06 030206#1	Plumb, 1981	Percent	0.020	1.73

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JK31-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 06/01/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC51-3.8-5.8
ARI ID: 06-8860 JK31C

Analyte	Date	Method	Units	RL	Sample
Total Solids	05/26/06 052606#1	EPA 160.3	Percent	0.01	82.10
Total Organic Carbon	05/30/06 053006#1	Plumb,1981	Percent	0.020	0.615

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/08/06
Date Received: 02/08/06

Client ID: LDW-SC52-0-1
ARI ID: 06-2356 JA90B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	59.70
Total Organic Carbon	02/16/06 021606#1	Plumb, 1981	Percent	0.020	2.37

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 02/28/06

A handwritten signature in black ink, appearing to be 'J. A.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/08/06
Date Received: 02/08/06


Client ID: LDW-SC52-1-2
ARI ID: 06-2357 JA90C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	61.00
Total Organic Carbon	02/16/06 021606#1	Plumb, 1981	Percent	0.020	2.73

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/08/06
Date Received: 02/08/06

Client ID: LDW-SC52-2-4
ARI ID: 06-2358 JA90D

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/14/06 021406#1	EPA 160.3	Percent	0.01	80.00
Total Organic Carbon	02/16/06 021606#1	Plumb, 1981	Percent	0.020	0.375

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA64-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/07/06
Date Received: 02/07/06

Client ID: LDW-SC53-0-2
ARI ID: 06-2143 JA64A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/08/06 020806#2	EPA 160.3	Percent	0.01	46.40
Total Organic Carbon	02/14/06 021406#1	Plumb, 1981	Percent	0.020	3.23

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JA64-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/16/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/07/06
Date Received: 02/07/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JA64A Client ID: LDW-SC53-0-2					
Total Solids	02/08/06	Percent	46.40	46.30 46.40	0.1%
Total Organic Carbon	02/14/06	Percent	3.23	3.10 2.70	9.2%

SAMPLE RESULTS-CONVENTIONAL
JA64-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 02/16/06

A handwritten signature in black ink, appearing to be 'JG', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/07/06
Date Received: 02/07/06


Client ID: LDW-SC53-2-4
ARI ID: 06-2144 JA64B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/08/06 020806#2	EPA 160.3	Percent	0.01	47.20
Total Organic Carbon	02/14/06 021406#1	Plumb, 1981	Percent	0.020	2.89

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/23/06
Date Received: 02/23/06

Client ID: LDW-SC54-0-2
ARI ID: 06-3698 JC32R

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	71.50
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	1.51

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC32-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 03/06/06

A handwritten signature in black ink, appearing to be 'JK', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/23/06
Date Received: 02/23/06

Client ID: LDW-SC54-2-4
ARI ID: 06-3699 JC32S

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/28/06 022806#1	EPA 160.3	Percent	0.01	83.60
Total Organic Carbon	03/03/06 030306#1	Plumb, 1981	Percent	0.020	1.55

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA36-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized:
Reported: 02/16/06

A handwritten signature in black ink, appearing to be 'M' or 'MA', written over the 'Data Release Authorized' text.

Project: LDW RI-Suburface Sediment Ch
Event: 05-08-06-32
Date Sampled: 02/06/06
Date Received: 02/06/06


Client ID: LDW-SC55-0-1
ARI ID: 06-1912 JA36A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/08/06 020806#1	EPA 160.3	Percent	0.01	58.90
Total Organic Carbon	02/14/06 021406#1	Plumb, 1981	Percent	0.020	1.50

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JA36-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: 
Reported: 02/16/06

Project: LDW RI-Suburface Sediment Ch
Event: 05-08-06-32
Date Sampled: 02/06/06
Date Received: 02/06/06

Analyte	Date	Units	Sample	Replicate (s)	RPD/RSD
ARI ID: JA36A Client ID: LDW-SC55-0-1					
Total Solids	02/08/06	Percent	58.90	55.80	5.4%

SAMPLE RESULTS-CONVENTIONALS
JA36-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized
Reported: 02/16/06

A handwritten signature in black ink, appearing to be a stylized 'M' or 'D', is written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment Ch
Event: 05-08-06-32
Date Sampled: 02/06/06
Date Received: 02/06/06

Client ID: LDW-SC55-1-2
ARI ID: 06-1913 JA36B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/08/06 020806#1	EPA 160.3	Percent	0.01	76.60
Total Organic Carbon	02/14/06 021406#1	Plumb, 1981	Percent	0.020	0.698

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JA36-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 02/16/06

Project: LDW RI-Suburface Sediment Ch
Event: 05-08-06-32
Date Sampled: 02/06/06
Date Received: 02/06/06

Client ID: LDW-SC55-2-3
ARI ID: 06-1914 JA36C

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/08/06 020806#1	EPA 160.3	Percent	0.01	78.90
Total Organic Carbon	02/14/06 021406#1	Plumb, 1981	Percent	0.020	0.645

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JB90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/07/06
Date Received: 02/07/06

Client ID: LDW-SC56-0-2
ARI ID: 06-3301 JB90A

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	81.02
Total Organic Carbon	02/27/06 022706#1	Plumb, 1981	Percent	0.020	1.59

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JB90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/07/06
Date Received: 02/07/06

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JB90A Client ID: LDW-SC56-0-2					
Total Solids	02/24/06	Percent	81.02	80.00 78.80	1.4%
Total Organic Carbon	02/27/06	Percent	1.59	1.75	9.6%

SAMPLE RESULTS-CONVENTIONALS
JB90-Windward Environmental, LLC



Matrix: Sediment
Data Release Authorized *[Signature]*
Reported: 03/06/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/07/06
Date Received: 02/07/06

Client ID: LDW-SC56-2-4
ARI ID: 06-3302 JB90B

Analyte	Date	Method	Units	RL	Sample
Total Solids	02/24/06 022406#1	EPA 160.3	Percent	0.01	84.60
Total Organic Carbon	02/27/06 022706#1	Plumb, 1981	Percent	0.020	0.303

RL Analytical reporting limit
U Undetected at reported detection limit

E-10 Geotechnical (ordered by SDG)

DRY DENSITY

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 02/13/06
Date Received: 02/06/06
Page 1 of 1

QC Report No: JA36-Windward Environmental, LLC
Project: LDW RI-Suburface Sediment Chemistry
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC55-0-1 JA36A 06-1912	02/06/06	Sediment	02/09/06 12:00	98.0
LDW-SC55-1-2 JA36B 06-1913	02/06/06	Sediment	02/09/06 12:00	102.5
LDW-SC55-2-3 JA36C 06-1914	02/06/06	Sediment	02/09/06 12:00	86.5
LDW-SC49-0-1 JA36F 06-1917	02/06/06	Sediment	02/09/06 12:00	53.0
LDW-SC49-1-2 JA36G 06-1918	02/06/06	Sediment	02/09/06 12:00	56.7
LDW-SC49-2-4 JA36H 06-1919	02/06/06	Sediment	02/09/06 12:00	58.8

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 02/16/06
Date Received: 02/07/06
Page 1 of 1

QC Report No: JA64-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chemistr
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC53-0-2 JA64A 06-2143	02/07/06	Sediment	02/14/06 12:00	42.2
LDW-SC53-2-4 JA64B 06-2144	02/07/06	Sediment	02/14/06 12:00	41.2
LDW-SC56-0-2 JA64Q 06-2159	02/07/06	Sediment	02/14/06 12:00	95.6

Reported in lb/ft3

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 02/16/06
Date Received: 02/08/06
Page 1 of 1

QC Report No: JA90-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC52-1-2 JA90C 06-2357	02/08/06	Sediment	02/14/06 12:00	63.0
LDW-SC52-2-4 JA90D 06-2358	02/08/06	Sediment	02/14/06 12:00	100.0
LDW-SC42-0-1 JA90F 06-2360	02/08/06	Sediment	02/14/06 12:00	40.7
LDW-SC42-2-4 JA90H 06-2362	02/08/06	Sediment	02/14/06 12:00	52.8
LDW-SC48-0-1 JA90M 06-2367	02/08/06	Sediment	02/14/06 12:00	40.8
LDW-SC48-1-2 JA90N 06-2368	02/08/06	Sediment	02/14/06 12:00	79.8

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 02/22/06
Date Received: 02/09/06
Page 1 of 1

QC Report No: JB00-Windward Environmental, LLC
Project: LDW-RI-Subsurface Sediment Chem.
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC3-0-2 JB00S 06-2478	02/09/06	Sediment	02/20/06 12:00	86.9
LDW-SC3-2-4 JB00T 06-2479	02/09/06	Sediment	02/20/06 12:00	88.2

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 02/22/06
Date Received: 02/09/06
Page 1 of 1

QC Report No: JB01-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC4-0-1 JB01P 06-2497	02/09/06	Sediment	02/20/06 12:00	52.7
LDW-SC4-1-2 JB01Q 06-2498	02/09/06	Sediment	02/20/06 12:00	68.5
LDW-SC2-2-4 JB01V 06-2503	02/09/06	Sediment	02/20/06 12:00	62.4

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 02/22/06
Date Received: 02/10/06
Page 1 of 1

QC Report No: JB20-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC6-0-2 JB20A 06-2573	02/10/06	Sediment	02/21/06 12:00	52.6
LDW-SC6-2-4.5 JB20B 06-2574	02/10/06	Sediment	02/21/06 12:00	66.3
LDW-SC8-0-1 JB20V 06-2594	02/10/06	Sediment	02/21/06 12:00	56.1
LDW-SC8-2-4 JB20X 06-2596	02/10/06	Sediment	02/21/06 12:00	52.9
LDW-SC7-0-1 JB20AB 06-2600	02/10/06	Sediment	02/21/06 12:00	55.4
LDW-SC7-1.7-4 JB20AD 06-2602	02/10/06	Sediment	02/21/06 12:00	112.5
LDW-SC10-0-1 JB20AH 06-2606	02/10/06	Sediment	02/21/06 12:00	50.1
LDW-SC10-2-4 JB20AJ 06-2608	02/10/06	Sediment	02/21/06 12:00	57.2

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 02/27/06
Date Received: 02/11/06
Page 1 of 1

QC Report No: JB22-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC33-0-2 JB22A 06-2641	02/11/06	Sediment	02/23/06 12:00	54.5
LDW-SC33-2-4 JB22B 06-2642	02/11/06	Sediment	02/23/06 12:00	62.7

Reported in lb/ft3

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 02/27/06
Date Received: 02/14/06
Page 1 of 1

QC Report No: JB30-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC13-0-2 JB30B 06-2803	02/13/06	Sediment	02/22/06 12:00	83.4
LDW-SC13-2-4 JB30C 06-2804	02/13/06	Sediment	02/22/06 12:00	37.0
LDW-SC9-0-1 JB30S 06-2820	02/13/06	Sediment	02/22/06 12:00	59.5
LDW-SC9-1-2.6 JB30T 06-2821	02/13/06	Sediment	02/22/06 12:00	51.3

Reported in lb/ft3

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
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QC Report No: JB31-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC32-1-2 JB31B 06-2826	02/11/06	Sediment	02/24/06 12:00	31.4
LDW-SC32-2-4 JB31C 06-2827	02/11/06	Sediment	02/24/06 12:00	40.2
LDW-SC14-0-1.4 JB31H 06-2832	02/13/06	Sediment	02/24/06 12:00	51.8
LDW-SC14-2-4.1 JB31J 06-2834	02/13/06	Sediment	02/24/06 12:00	58.7
LDW-SC11-1.8-2 JB31P 06-2840	02/13/06	Sediment	02/24/06 12:00	96.5

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 03/03/06
Date Received: 02/14/06
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QC Report No: JB46-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC22-0-1.1 JB46A 06-2916	02/14/06	Sediment	03/01/06 12:00	81.0
LDW-SC22-1.1-2 JB46B 06-2917	02/14/06	Sediment	03/01/06 12:00	91.2
LDW-SC16-0-2 JB46F 06-2921	02/14/06	Sediment	03/01/06 12:00	51.1
LDW-SC16-2-4 JB46G 06-2922	02/14/06	Sediment	03/01/06 12:00	36.2
LDW-SC27-0-2 JB46Y 06-2940	02/14/06	Sediment	03/01/06 12:00	65.7
LDW-SC27-2-4.5 JB46Z 06-2941	02/14/06	Sediment	03/01/06 12:00	58.7

Reported in lb/ft3

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 03/03/06
Date Received: 02/14/06
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QC Report No: JB47-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC30-0-2.5 JB47J 06-2957	02/14/06	Sediment	02/24/06 12:00	97.5
LDW-SC30-2.5-4 JB47K 06-2958	02/14/06	Sediment	02/24/06 12:00	96.3

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



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Date Received: 02/15/06
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QC Report No: JB64-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC21-1-2 JB64F 06-3076	02/15/06	Sediment	03/03/06 12:00	47.1
LDW-SC21-2-4 JB64G 06-3077	02/15/06	Sediment	03/03/06 12:00	49.8
LDW-SC35-0-2 JB64L 06-3082	02/15/06	Sediment	03/03/06 12:00	45.0
LDW-SC35-2-4 JB64M 06-3083	02/15/06	Sediment	03/03/06 12:00	58.1

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



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Reported: 03/08/06
Date Received: 02/15/06
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QC Report No: JB80-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
04-08-06-24

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC20-0-2 JB80G 06-3223	02/15/06	Sediment	03/02/06 12:00	53.5
LDW-SC20-2-4 JB80H 06-3224	02/15/06	Sediment	03/02/06 12:00	58.2

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 03/08/06
Date Received: 02/16/06
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QC Report No: JB82-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC36-2-4 JB82C 06-3252	02/16/06	Sediment	03/03/06 12:00	75.1
LDW-SC202-2-4 JB82I 06-3258	02/16/06	Sediment	03/03/06 12:00	83.7
LDW-SC39-1-2 JB82N 06-3263	02/16/06	Sediment	03/03/06 12:00	100.8
LDW-SC39-2-4 JB82O 06-3264	02/16/06	Sediment	03/03/06 12:00	70.3
LDW-SC12-0-2 JB82S 06-3268	02/16/06	Sediment	03/03/06 12:00	37.9
LDW-SC12-2-4 JB82T 06-3269	02/16/06	Sediment	03/03/06 12:00	63.7

Reported in lb/ft³.

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized: QC Report No: JB90-Windward Environmental, LLC
Reported: 03/06/06 Project: LDW RI-Subsurface Sediment Chem
Date Received: 02/09/06 05-08-06-32
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC1-0-2 JB90F 06-3306	02/09/06	Sediment	03/03/06 12:00	43.7
LDW-SC1-2-4 JB90G 06-3307	02/09/06	Sediment	03/03/06 12:00	96.1

Reported in lb/ft3

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
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Date Received: 02/17/06
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QC Report No: JB91-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC23-0-2 JB91C 06-3311	02/17/06	Sediment	03/13/06 12:00	51.6
LDW-SC23-2-4 JB91D 06-3312	02/17/06	Sediment	03/13/06 12:00	47.3

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
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QC Report No: JB96-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC203-1-2 JB96H 06-3349	02/18/06	Sediment	03/13/06 12:00	37.3
LDW-SC203-2-4 JB96I 06-3350	02/18/06	Sediment	03/13/06 12:00	47.6
LDW-SC25-1-2 JB96R 06-3359	02/18/06	Sediment	03/13/06 12:00	52.2
LDW-SC25-2-4 JB96S 06-3360	02/18/06	Sediment	03/13/06 12:00	51.1

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 03/17/06
Date Received: 02/17/06
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QC Report No: JB98-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC15-0-1 JB98A 06-3365	02/17/06	Sediment	03/17/06 12:00	48.3
LDW-SC15-2-4 JB98C 06-3367	02/17/06	Sediment	03/17/06 12:00	51.2
LDW-SC18-1-2 JB98H 06-3372	02/17/06	Sediment	03/17/06 12:00	89.0
LDW-SC18-2-4 JB98I 06-3373	02/17/06	Sediment	03/17/06 12:00	98.8
LDW-SC31-0-1 JB98M 06-3377	02/17/06	Sediment	03/17/06 12:00	46.0
LDW-SC31-1-2.8 JB98N 06-3378	02/17/06	Sediment	03/17/06 12:00	63.2
LDW-SC24-0-1 JB98Q 06-3381	02/17/06	Sediment	03/17/06 12:00	59.7
LDW-SC24-2-4 JB98S 06-3383	02/17/06	Sediment	03/17/06 12:00	85.3

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
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QC Report No: JC05-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC5-0-1 JC05A 06-3421	02/10/06	Sediment	03/03/06 12:00	68.5
LDW-SC5-2.2-4 JC05C 06-3423	02/10/06	Sediment	03/03/06 12:00	103.2

Reported in lb/ft³.

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 03/17/06
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QC Report No: JC10-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC45-1-2 JC10V 06-3474	02/21/06	Sediment	03/14/06 12:00	58.4
LDW-SC45-2-4 JC10W 06-3475	02/21/06	Sediment	03/14/06 12:00	49.5
LDW-SC38-0-1 JC10AT 06-3498	02/21/06	Sediment	03/14/06 12:00	74.3

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized: **AK**
Reported: 10/17/06
Date Received: 02/22/06
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QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC51-0-2 JC21R 06-3590	02/22/06	Sediment	03/20/06 12:00	77.0
LDW-SC51-2-3.8 JC21S 06-3591	02/22/06	Sediment	03/20/06 12:00	72.6
LDW-SC37-0-1 JC21AG 06-3605	02/22/06	Sediment	03/20/06 12:00	52.5
LDW-SC37-2-4 JC21AI 06-3607	02/22/06	Sediment	03/20/06 12:00	60.6
LDW-SC26-1-2 JC21AM 06-3611	02/22/06	Sediment	03/20/06 12:00	53.8
LDW-SC26-2-4 JC21AN 06-3612	02/22/06	Sediment	03/20/06 12:00	75.8

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



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QC Report No: JC32-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC43-0-2 JC32A 06-3681	02/23/06	Sediment	03/21/06 12:00	88.8
LDW-SC43-2-4 JC32B 06-3682	02/23/06	Sediment	03/21/06 12:00	89.4
LDW-SC54-0-2 JC32R 06-3698	02/23/06	Sediment	03/21/06 12:00	47.8
LDW-SC54-2-4 JC32S 06-3699	02/23/06	Sediment	03/21/06 12:00	63.0
LDW-SC47-1-2 JC32AJ 06-3716	02/23/06	Sediment	03/21/06 12:00	61.7
LDW-SC47-2-3 JC32AK 06-3717	02/23/06	Sediment	03/21/06 12:00	71.8

Reported in lb/ft3

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



Data Release Authorized:
Reported: 03/21/06
Date Received: 02/24/06
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QC Report No: JC42-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC40-1.3-2 JC42B 06-3817	02/24/06	Sediment	03/21/06 12:00	92.4
LDW-SC40-2-4 JC42C 06-3818	02/24/06	Sediment	03/21/06 12:00	90.7
LDW-SC17-1-2 JC42H 06-3823	02/24/06	Sediment	03/21/06 12:00	51.4
LDW-SC17-2-4 JC42I 06-3824	02/24/06	Sediment	03/21/06 12:00	36.8
LDW-SC50-1-2 JC42M 06-3828	02/24/06	Sediment	03/21/06 12:00	73.4
LDW-SC50-2-2.8 JC42N 06-3829	02/24/06	Sediment	03/21/06 12:00	76.4
LDW-SC46-1-2 JC42AA 06-3842	02/24/06	Sediment	03/21/06 12:00	63.8
LDW-SC46-2-4 JC42AB 06-3843	02/24/06	Sediment	03/21/06 12:00	61.4

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



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QC Report No: JC48-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC28-1-2 JC48B 06-3864	02/25/06	Sediment	03/22/06 12:00	52.7
LDW-SC28-2-4 JC48C 06-3865	02/25/06	Sediment	03/22/06 12:00	46.9

Reported in lb/ft3

GEOTECHNICAL ANALYSIS DATA SHEET
Dry Density by Method CalcDD



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Reported: 03/22/06
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QC Report No: JC95-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC41-1-2 JC95B 06-4141	02/21/06	Sediment	03/22/06 12:00	44.2
LDW-SC41-2-4 JC95C 06-4142	02/21/06	Sediment	03/22/06 12:00	51.2
LDW-SC44-0-2 JC95D 06-4143	02/21/06	Sediment	03/22/06 12:00	56.6
LDW-SC44-2-3.2 JC95E 06-4144	02/21/06	Sediment	03/22/06 12:00	107.6
LDW-SC29-0-1 JC95G 06-4146	02/21/06	Sediment	03/22/06 12:00	98.6
LDW-SC19-2-4 JC95L 06-4151	02/24/06	Sediment	03/22/06 12:00	64.0

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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QC Report No: JA36-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chemistry
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC55-0-1 JA36A 06-1912	02/06/06	Sediment	02/09/06 12:00	128.6
LDW-SC55-1-2 JA36B 06-1913	02/06/06	Sediment	02/09/06 12:00	126.5
LDW-SC55-2-3 JA36C 06-1914	02/06/06	Sediment	02/09/06 12:00	117.7
LDW-SC49-0-1 JA36F 06-1917	02/06/06	Sediment	02/09/06 12:00	96.6
LDW-SC49-1-2 JA36G 06-1918	02/06/06	Sediment	02/09/06 12:00	95.0
LDW-SC49-2-4 JA36H 06-1919	02/06/06	Sediment	02/09/06 12:00	100.8

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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QC Report No: JA64-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chemistr
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC53-0-2 JA64A 06-2143	02/07/06	Sediment	02/14/06 12:00	88.6
LDW-SC53-2-4 JA64B 06-2144	02/07/06	Sediment	02/14/06 12:00	87.0
LDW-SC56-0-2 JA64Q 06-2159	02/07/06	Sediment	02/14/06 12:00	117.8

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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QC Report No: JA90-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC52-1-2 JA90C 06-2357	02/08/06	Sediment	02/14/06 12:00	99.7
LDW-SC52-2-4 JA90D 06-2358	02/08/06	Sediment	02/14/06 12:00	123.9
LDW-SC42-0-1 JA90F 06-2360	02/08/06	Sediment	02/14/06 12:00	90.3
LDW-SC42-2-4 JA90H 06-2362	02/08/06	Sediment	02/14/06 12:00	98.9
LDW-SC48-0-1 JA90M 06-2367	02/08/06	Sediment	02/14/06 12:00	88.9
LDW-SC48-1-2 JA90N 06-2368	02/08/06	Sediment	02/14/06 12:00	106.8

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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QC Report No: JB00-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC3-0-2 JB00S 06-2478	02/09/06	Sediment	02/20/06 12:00	116.8
LDW-SC3-2-4 JB00T 06-2479	02/09/06	Sediment	02/20/06 12:00	118.2

Reported in lb/ft3

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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QC Report No: JB01-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC4-0-1 JB01P 06-2497	02/09/06	Sediment	02/20/06 12:00	93.1
LDW-SC4-1-2 JB01Q 06-2498	02/09/06	Sediment	02/20/06 12:00	101.3
LDW-SC2-2-4 JB01V 06-2503	02/09/06	Sediment	02/20/06 12:00	104.7

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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QC Report No: JB20-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC6-0-2 JB20A 06-2573	02/10/06	Sediment	02/21/06 12:00	102.5
LDW-SC6-2-4.5 JB20B 06-2574	02/10/06	Sediment	02/21/06 12:00	101.3
LDW-SC8-0-1 JB20V 06-2594	02/10/06	Sediment	02/21/06 12:00	98.0
LDW-SC8-2-4 JB20X 06-2596	02/10/06	Sediment	02/21/06 12:00	92.2
LDW-SC7-0-1 JB20AB 06-2600	02/10/06	Sediment	02/21/06 12:00	102.6
LDW-SC7-1.7-4 JB20AD 06-2602	02/10/06	Sediment	02/21/06 12:00	134.8
LDW-SC10-0-1 JB20AH 06-2606	02/10/06	Sediment	02/21/06 12:00	94.0
LDW-SC10-2-4 JB20AJ 06-2608	02/10/06	Sediment	02/21/06 12:00	96.8

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



Data Release Authorized:
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QC Report No: JB22-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC33-0-2 JB22A 06-2641	02/11/06	Sediment	02/23/06 12:00	101.1
LDW-SC33-2-4 JB22B 06-2642	02/11/06	Sediment	02/23/06 12:00	105.3

Reported in lb/ft³.

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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QC Report No: JB30-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC13-0-2 JB30B 06-2803	02/13/06	Sediment	02/22/06 12:00	111.1
LDW-SC13-2-4 JB30C 06-2804	02/13/06	Sediment	02/22/06 12:00	83.9
LDW-SC9-0-1 JB30S 06-2820	02/13/06	Sediment	02/22/06 12:00	100.0
LDW-SC9-1-2.6 JB30T 06-2821	02/13/06	Sediment	02/22/06 12:00	93.3

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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QC Report No: JB31-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC32-1-2 JB31B 06-2826	02/11/06	Sediment	02/24/06 12:00	82.3
LDW-SC32-2-4 JB31C 06-2827	02/11/06	Sediment	02/24/06 12:00	88.5
LDW-SC14-0-1.4 JB31H 06-2832	02/13/06	Sediment	02/24/06 12:00	97.0
LDW-SC14-2-4.1 JB31J 06-2834	02/13/06	Sediment	02/24/06 12:00	101.8
LDW-SC11-.8-2 JB31P 06-2840	02/13/06	Sediment	02/24/06 12:00	125.1

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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QC Report No: JB46-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC22-0-1.1 JB46A 06-2916	02/14/06	Sediment	03/01/06 12:00	109.5
LDW-SC22-1.1-2 JB46B 06-2917	02/14/06	Sediment	03/01/06 12:00	121.7
LDW-SC16-0-2 JB46F 06-2921	02/14/06	Sediment	03/01/06 12:00	97.1
LDW-SC16-2-4 JB46G 06-2922	02/14/06	Sediment	03/01/06 12:00	80.0
LDW-SC27-0-2 JB46Y 06-2940	02/14/06	Sediment	03/01/06 12:00	106.4
LDW-SC27-2-4.5 JB46Z 06-2941	02/14/06	Sediment	03/01/06 12:00	97.1

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



Data Release Authorized:
Reported: 03/03/06
Date Received: 02/14/06
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QC Report No: JB47-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC30-0-2.5 JB47J 06-2957	02/14/06	Sediment	02/24/06 12:00	127.7
LDW-SC30-2.5-4 JB47K 06-2958	02/14/06	Sediment	02/24/06 12:00	126.1

Reported in lb/ft3

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



Data Release Authorized: QC Report No: JB64-Windward Environmental, LLC
Reported: 03/06/06 Project: LDW RI-Subsurface Sediment Chem
Date Received: 02/15/06 05-08-06-32
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC21-1-2 JB64F 06-3076	02/15/06	Sediment	03/03/06 12:00	91.4
LDW-SC21-2-4 JB64G 06-3077	02/15/06	Sediment	03/03/06 12:00	94.8
LDW-SC35-0-2 JB64L 06-3082	02/15/06	Sediment	03/03/06 12:00	82.1
LDW-SC35-2-4 JB64M 06-3083	02/15/06	Sediment	03/03/06 12:00	101.6

Reported in lb/ft3

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



Data Release Authorized:
Reported: 03/08/06
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QC Report No: JB80-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
04-08-06-24

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC20-0-2 JB80G 06-3223	02/15/06	Sediment	03/02/06 12:00	98.1
LDW-SC20-2-4 JB80H 06-3224	02/15/06	Sediment	03/02/06 12:00	102.7

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



Data Release Authorized:
Reported: 03/08/06
Date Received: 02/16/06
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QC Report No: JB82-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC36-2-4 JB82C 06-3252	02/16/06	Sediment	03/03/06 12:00	107.7
LDW-SC202-2-4 JB82I 06-3258	02/16/06	Sediment	03/03/06 12:00	111.0
LDW-SC39-1-2 JB82N 06-3263	02/16/06	Sediment	03/03/06 12:00	129.5
LDW-SC39-2-4 JB82O 06-3264	02/16/06	Sediment	03/03/06 12:00	109.5
LDW-SC12-0-2 JB82S 06-3268	02/16/06	Sediment	03/03/06 12:00	87.9
LDW-SC12-2-4 JB82T 06-3269	02/16/06	Sediment	03/03/06 12:00	108.5

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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Reported: 03/06/06
Date Received: 02/09/06
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QC Report No: JB90-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC1-0-2 JB90F 06-3306	02/09/06	Sediment	03/03/06 12:00	93.8
LDW-SC1-2-4 JB90G 06-3307	02/09/06	Sediment	03/03/06 12:00	125.3

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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Reported: 03/29/06
Date Received: 02/17/06
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QC Report No: JB91-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC23-0-2 JB91C 06-3311	02/17/06	Sediment	03/13/06 12:00	94.1
LDW-SC23-2-4 JB91D 06-3312	02/17/06	Sediment	03/13/06 12:00	92.3

Reported in lb/ft3

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



Data Release Authorized:
Reported: 03/13/06
Date Received: 02/18/06
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QC Report No: JB96-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC203-1-2 JB96H 06-3349	02/18/06	Sediment	03/13/06 12:00	77.5
LDW-SC203-2-4 JB96I 06-3350	02/18/06	Sediment	03/13/06 12:00	90.2
LDW-SC25-1-2 JB96R 06-3359	02/18/06	Sediment	03/13/06 12:00	96.9
LDW-SC25-2-4 JB96S 06-3360	02/18/06	Sediment	03/13/06 12:00	90.9

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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Reported: 03/17/06
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QC Report No: JB98-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC15-0-1 JB98A 06-3365	02/17/06	Sediment	03/17/06 12:00	92.3
LDW-SC15-2-4 JB98C 06-3367	02/17/06	Sediment	03/17/06 12:00	94.6
LDW-SC18-1-2 JB98H 06-3372	02/17/06	Sediment	03/17/06 12:00	120.2
LDW-SC18-2-4 JB98I 06-3373	02/17/06	Sediment	03/17/06 12:00	125.9
LDW-SC31-0-1 JB98M 06-3377	02/17/06	Sediment	03/17/06 12:00	91.5
LDW-SC31-1-2.8 JB98N 06-3378	02/17/06	Sediment	03/17/06 12:00	106.2
LDW-SC24-0-1 JB98Q 06-3381	02/17/06	Sediment	03/17/06 12:00	100.7
LDW-SC24-2-4 JB98S 06-3383	02/17/06	Sediment	03/17/06 12:00	113.9

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



Data Release Authorized:
Reported: 03/10/06
Date Received: 02/10/06
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QC Report No: JC05-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC5-0-1 JC05A 06-3421	02/10/06	Sediment	03/03/06 12:00	111.2
LDW-SC5-2.2-4 JC05C 06-3423	02/10/06	Sediment	03/03/06 12:00	126.5

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



Data Release Authorized:
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QC Report No: JC10-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC45-1-2 JC10V 06-3474	02/21/06	Sediment	03/14/06 12:00	100.2
LDW-SC45-2-4 JC10W 06-3475	02/21/06	Sediment	03/14/06 12:00	90.7
LDW-SC38-0-1 JC10AT 06-3498	02/21/06	Sediment	03/14/06 12:00	111.1

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



Data Release Authorized: 
Reported: 10/17/06
Date Received: 02/22/06
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QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC51-0-2 JC21R 06-3590	02/22/06	Sediment	03/20/06 12:00	109.6
LDW-SC51-2-3.8 JC21S 06-3591	02/22/06	Sediment	03/20/06 12:00	105.0
LDW-SC37-0-1 JC21AG 06-3605	02/22/06	Sediment	03/20/06 12:00	98.2
LDW-SC37-2-4 JC21AI 06-3607	02/22/06	Sediment	03/20/06 12:00	99.8
LDW-SC26-1-2 JC21AM 06-3611	02/22/06	Sediment	03/20/06 12:00	97.7
LDW-SC26-2-4 JC21AN 06-3612	02/22/06	Sediment	03/20/06 12:00	113.3

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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Reported: 03/21/06
Date Received: 02/23/06
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QC Report No: JC32-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC43-0-2 JC32A 06-3681	02/23/06	Sediment	03/21/06 12:00	121.7
LDW-SC43-2-4 JC32B 06-3682	02/23/06	Sediment	03/21/06 12:00	117.7
LDW-SC54-0-2 JC32R 06-3698	02/23/06	Sediment	03/21/06 12:00	82.8
LDW-SC54-2-4 JC32S 06-3699	02/23/06	Sediment	03/21/06 12:00	105.8
LDW-SC47-1-2 JC32AJ 06-3716	02/23/06	Sediment	03/21/06 12:00	103.6
LDW-SC47-2-3 JC32AK 06-3717	02/23/06	Sediment	03/21/06 12:00	106.4

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



Data Release Authorized:
Reported: 03/21/06
Date Received: 02/24/06
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QC Report No: JC42-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC40-1.3-2 JC42B 06-3817	02/24/06	Sediment	03/21/06 12:00	120.4
LDW-SC40-2-4 JC42C 06-3818	02/24/06	Sediment	03/21/06 12:00	113.3
LDW-SC17-1-2 JC42H 06-3823	02/24/06	Sediment	03/21/06 12:00	93.5
LDW-SC17-2-4 JC42I 06-3824	02/24/06	Sediment	03/21/06 12:00	75.0
LDW-SC50-1-2 JC42M 06-3828	02/24/06	Sediment	03/21/06 12:00	111.2
LDW-SC50-2-2.8 JC42N 06-3829	02/24/06	Sediment	03/21/06 12:00	106.9
LDW-SC46-1-2 JC42AA 06-3842	02/24/06	Sediment	03/21/06 12:00	104.1
LDW-SC46-2-4 JC42AB 06-3843	02/24/06	Sediment	03/21/06 12:00	100.6

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



Data Release Authorized:
Reported: 03/22/06
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QC Report No: JC48-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC28-1-2 JC48B 06-3864	02/25/06	Sediment	03/22/06 12:00	99.0
LDW-SC28-2-4 JC48C 06-3865	02/25/06	Sediment	03/22/06 12:00	88.1

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Wet Density by Method ASTM D2937



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QC Report No: JC95-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC41-1-2 JC95B 06-4141	02/21/06	Sediment	03/22/06 12:00	85.7
LDW-SC41-2-4 JC95C 06-4142	02/21/06	Sediment	03/22/06 12:00	95.6
LDW-SC44-0-2 JC95D 06-4143	02/21/06	Sediment	03/22/06 12:00	96.7
LDW-SC44-2-3.2 JC95E 06-4144	02/21/06	Sediment	03/22/06 12:00	131.6
LDW-SC29-0-1 JC95G 06-4146	02/21/06	Sediment	03/22/06 12:00	131.5
LDW-SC19-2-4 JC95L 06-4151	02/24/06	Sediment	03/22/06 12:00	105.2

Reported in lb/ft³

GEOTECHNICAL ANALYSIS DATA SHEET
Moisture Content by Method ASTM D2216



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Date Received: 02/06/06
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QC Report No: JA36-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chemistry
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC55-0-1 JA36A 06-1912	02/06/06	Sediment	02/09/06 12:00	31.22
LDW-SC55-1-2 JA36B 06-1913	02/06/06	Sediment	02/09/06 12:00	23.41
LDW-SC55-2-3 JA36C 06-1914	02/06/06	Sediment	02/09/06 12:00	36.00
LDW-SC49-0-1 JA36F 06-1917	02/06/06	Sediment	02/09/06 12:00	82.37
LDW-SC49-1-2 JA36G 06-1918	02/06/06	Sediment	02/09/06 12:00	67.41
LDW-SC49-2-4 JA36H 06-1919	02/06/06	Sediment	02/09/06 12:00	71.29

Reported in Percent

GEOTECHNICAL ANALYSIS DATA SHEET
Moisture Content by Method ASTM D2216



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QC Report No: JA64-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chemistr
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC53-0-2 JA64A 06-2143	02/07/06	Sediment	02/14/06 12:00	110.1
LDW-SC53-2-4 JA64B 06-2144	02/07/06	Sediment	02/14/06 12:00	111.0
LDW-SC56-0-2 JA64Q 06-2159	02/07/06	Sediment	02/14/06 12:00	23.17

Reported in Percent

GEOTECHNICAL ANALYSIS DATA SHEET
Moisture Content by Method ASTM D2216



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QC Report No: JA90-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC52-1-2 JA90C 06-2357	02/08/06	Sediment	02/14/06 12:00	58.16
LDW-SC52-2-4 JA90D 06-2358	02/08/06	Sediment	02/14/06 12:00	23.95
LDW-SC52-4-4.9 JA90E 06-2359	02/08/06	Sediment		Not Entered
LDW-SC42-0-1 JA90F 06-2360	02/08/06	Sediment	02/14/06 12:00	121.6
LDW-SC42-2-4 JA90H 06-2362	02/08/06	Sediment	02/14/06 12:00	87.24
LDW-SC48-0-1 JA90M 06-2367	02/08/06	Sediment	02/14/06 12:00	117.8
LDW-SC48-1-2 JA90N 06-2368	02/08/06	Sediment	02/14/06 12:00	33.80

Reported in Percent

GEOTECHNICAL ANALYSIS DATA SHEET
Moisture Content by Method ASTM D2216



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Reported: 02/22/06
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QC Report No: JB00-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC3-0-2 JB00S 06-2478	02/09/06	Sediment	02/20/06 12:00	34.37
LDW-SC3-2-4 JB00T 06-2479	02/09/06	Sediment	02/20/06 12:00	33.99

Reported in Percent

GEOTECHNICAL ANALYSIS DATA SHEET
Moisture Content by Method ASTM D2216



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QC Report No: JB01-Windward Environmental, LLC
Project: LDW-RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC1-0-2 JB01A 06-2482	02/09/06	Sediment		Not Entered
LDW-SC1-2-4 JB01B 06-2483	02/09/06	Sediment		Not Entered
LDW-SC4-0-1 JB01P 06-2497	02/09/06	Sediment	02/20/06 12:00	76.54
LDW-SC4-1-2 JB01Q 06-2498	02/09/06	Sediment	02/20/06 12:00	47.87
LDW-SC2-2-4 JB01V 06-2503	02/09/06	Sediment	02/20/06 12:00	67.78

Reported in Percent

GEOTECHNICAL ANALYSIS DATA SHEET
Moisture Content by Method ASTM D2216



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Date Received: 02/10/06
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QC Report No: JB20-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC6-0-2 JB20A 06-2573	02/10/06	Sediment	02/21/06 12:00	94.85
LDW-SC6-2-4.5 JB20B 06-2574	02/10/06	Sediment	02/21/06 12:00	52.79
LDW-SC8-0-1 JB20V 06-2594	02/10/06	Sediment	02/21/06 12:00	74.56
LDW-SC8-2-4 JB20X 06-2596	02/10/06	Sediment	02/21/06 12:00	74.20
LDW-SC7-0-1 JB20AB 06-2600	02/10/06	Sediment	02/21/06 12:00	85.11
LDW-SC7-1.7-4 JB20AD 06-2602	02/10/06	Sediment	02/21/06 12:00	19.85
LDW-SC10-0-1 JB20AH 06-2606	02/10/06	Sediment	02/21/06 12:00	87.75
LDW-SC10-1-2 JB20AI 06-2607	02/10/06	Sediment	02/21/06 12:00	92.45
LDW-SC10-2-4 JB20AJ 06-2608	02/10/06	Sediment	02/21/06 12:00	69.31

Reported in Percent

GEOTECHNICAL ANALYSIS DATA SHEET
Moisture Content by Method ASTM D2216



Data Release Authorized:
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QC Report No: JB22-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC33-0-2 JB22A 06-2641	02/11/06	Sediment	02/23/06 12:00	85.35
LDW-SC33-2-4 JB22B 06-2642	02/11/06	Sediment	02/23/06 12:00	67.88

Reported in Percent

GEOTECHNICAL ANALYSIS DATA SHEET
Moisture Content by Method ASTM D2216



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QC Report No: JB30-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC13-0-2 JB30B 06-2803	02/13/06	Sediment	02/22/06 12:00	33.19
LDW-SCI3-2-4 JB30C 06-2804	02/13/06	Sediment	02/22/06 12:00	127.0
LDW-SC9-0-1 JB30S 06-2820	02/13/06	Sediment	02/22/06 12:00	68.03
LDW-SC9-1-2.6 JB30T 06-2821	02/13/06	Sediment	02/22/06 12:00	81.94

Reported in Percent

GEOTECHNICAL ANALYSIS DATA SHEET
Moisture Content by Method ASTM D2216



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QC Report No: JB31-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC32-1-2 JB31B 06-2826	02/11/06	Sediment	02/24/06 12:00	161.7
LDW-SC32-2-4 JB31C 06-2827	02/11/06	Sediment	02/24/06 12:00	120.0
LDW-SC14-0-1.4 JB31H 06-2832	02/13/06	Sediment	02/24/06 12:00	87.29
LDW-SC14-2-4.1 JB31J 06-2834	02/13/06	Sediment	02/24/06 12:00	73.32
LDW-SC11-1-8-2 JB31P 06-2840	02/13/06	Sediment	02/24/06 12:00	29.58

Reported in Percent

GEOTECHNICAL ANALYSIS DATA SHEET
Moisture Content by Method ASTM D2216



Data Release Authorized:
Reported: 03/03/06
Date Received: 02/14/06
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QC Report No: JB46-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC22-0-1.1 JB46A 06-2916	02/14/06	Sediment	03/01/06 12:00	35.25
LDW-SC22-1.1-2 JB46B 06-2917	02/14/06	Sediment	03/01/06 12:00	33.47
LDW-SC16-0-2 JB46F 06-2921	02/14/06	Sediment	03/01/06 12:00	90.00
LDW-SC16-2-4 JB46G 06-2922	02/14/06	Sediment	03/01/06 12:00	120.9
LDW-SC27-0-2 JB46Y 06-2940	02/14/06	Sediment	03/01/06 12:00	61.87
LDW-SC27-2-4.5 JB46Z 06-2941	02/14/06	Sediment	03/01/06 12:00	65.50

Reported in Percent

GEOTECHNICAL ANALYSIS DATA SHEET
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QC Report No: JB47-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC30-0-2.5 JB47J 06-2957	02/14/06	Sediment	02/24/06 12:00	30.95
LDW-SC30-2.5-4 JB47K 06-2958	02/14/06	Sediment	02/24/06 12:00	30.90

Reported in Percent

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Reported: 03/06/06 Project: LDW RI-Subsurface Sediment Chem
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC21-1-2 JB64F 06-3076	02/15/06	Sediment	03/03/06 12:00	94.23
LDW-SC21-2-4 JB64G 06-3077	02/15/06	Sediment	03/03/06 12:00	90.53
LDW-SC35-0-2 JB64L 06-3082	02/15/06	Sediment	03/03/06 12:00	82.30
LDW-SC35-2-4 JB64M 06-3083	02/15/06	Sediment	03/03/06 12:00	75.00

Reported in Percent

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QC Report No: JB80-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
04-08-06-24 ..

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC20-0-2 JB80G 06-3223	02/15/06	Sediment	03/02/06 12:00	83.49
LDW-SC20-2-4 JB80H 06-3224	02/15/06	Sediment	03/02/06 12:00	76.61

Reported in Percent

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QC Report No: JB82-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC36-2-4 JB82C 06-3252	02/16/06	Sediment	03/03/06 12:00	43.39
LDW-SC202-2-4 JB82I 06-3258	02/16/06	Sediment	03/03/06 12:00	32.64
LDW-SC39-1-2 JB82N 06-3263	02/16/06	Sediment	03/03/06 12:00	28.44
LDW-SC39-2-4 JB82O 06-3264	02/16/06	Sediment	03/03/06 12:00	55.71
LDW-SC12-0-2 JB82S 06-3268	02/16/06	Sediment	03/03/06 12:00	132.1
LDW-SC12-2-4 JB82T 06-3269	02/16/06	Sediment	03/03/06 12:00	70.41

Reported in Percent

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QC Report No: JB90-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC48-0-1 JB90C 06-3303	02/08/06	Sediment	03/03/06 12:00	32.30
LDW-SC48-1-2 JB90D 06-3304	02/08/06	Sediment	03/03/06 12:00	23.25
LDW-SC1-0-2 JB90F 06-3306	02/09/06	Sediment	03/03/06 12:00	114.6
LDW-SC1-2-4 JB90G 06-3307	02/09/06	Sediment	03/03/06 12:00	30.44

Reported in Percent

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QC Report No: JB91-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC23-0-2 JB91C 06-3311	02/17/06	Sediment	03/13/06 12:00	82.43
LDW-SC23-2-4 JB91D 06-3312	02/17/06	Sediment	03/13/06 12:00	95.02

Reported in Percent

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QC Report No: JB96-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC203-1-2 JB96H 06-3349	02/18/06	Sediment	03/13/06 12:00	107.9
LDW-SC203-2-4 JB96I 06-3350	02/18/06	Sediment	03/13/06 12:00	89.63
LDW-SC25-1-2 JB96R 06-3359	02/18/06	Sediment	03/13/06 12:00	85.69
LDW-SC25-2-4 JB96S 06-3360	02/18/06	Sediment	03/13/06 12:00	77.85

Reported in Percent

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QC Report No: JB98-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC15-0-1 JB98A 06-3365	02/17/06	Sediment	03/17/06 12:00	91.17
LDW-SC15-2-4 JB98C 06-3367	02/17/06	Sediment	03/17/06 12:00	84.85
LDW-SC18-1-2 JB98H 06-3372	02/17/06	Sediment	03/17/06 12:00	35.07
LDW-SC18-2-4 JB98I 06-3373	02/17/06	Sediment	03/17/06 12:00	27.40
LDW-SC31-0-1 JB98M 06-3377	02/17/06	Sediment	03/17/06 12:00	99.05
LDW-SC31-1-2.8 JB98N 06-3378	02/17/06	Sediment	03/17/06 12:00	67.99
LDW-SC24-0-1 JB98Q 06-3381	02/17/06	Sediment	03/17/06 12:00	68.59
LDW-SC24-2-4 JB98S 06-3383	02/17/06	Sediment	03/17/06 12:00	33.53

Reported in Percent

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QC Report No: JC05-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC5-0-1 JC05A 06-3421	02/10/06	Sediment	03/03/06 12:00	62.44
LDW-SC5-2.2-4 JC05C 06-3423	02/10/06	Sediment	03/03/06 12:00	22.60

Reported in Percent

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QC Report No: JC10-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC45-1-2 JC10V 06-3474	02/21/06	Sediment	03/14/06 12:00	71.70
LDW-SC45-2-4 JC10W 06-3475	02/21/06	Sediment	03/14/06 12:00	83.28
LDW-SC38-0-1 JC10AT 06-3498	02/21/06	Sediment	03/14/06 12:00	49.59

Reported in Percent

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Moisture Content by Method ASTM D2216



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QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC51-0-2 JC21R 06-3590	02/22/06	Sediment	03/20/06 12:00	42.42
LDW-SC51-2-3.8 JC21S 06-3591	02/22/06	Sediment	03/20/06 12:00	44.57
LDW-SC37-0-1 JC21AG 06-3605	02/22/06	Sediment	03/20/06 12:00	87.18
LDW-SC37-2-4 JC21AI 06-3607	02/22/06	Sediment	03/20/06 12:00	64.76
LDW-SC26-1-2 JC21AM 06-3611	02/22/06	Sediment	03/20/06 12:00	81.66
LDW-SC26-2-4 JC21AN 06-3612	02/22/06	Sediment	03/20/06 12:00	49.42

Reported in Percent

GEOTECHNICAL ANALYSIS DATA SHEET
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QC Report No: JC32-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC43-0-2 JC32A 06-3681	02/23/06	Sediment	03/21/06 12:00	37.03
LDW-SC43-2-4 JC32B 06-3682	02/23/06	Sediment	03/21/06 12:00	31.71
LDW-SC54-0-2 JC32R 06-3698	02/23/06	Sediment	03/21/06 12:00	73.40
LDW-SC54-2-4 JC32S 06-3699	02/23/06	Sediment	03/21/06 12:00	68.04
LDW-SC47-1-2 JC32AJ 06-3716	02/23/06	Sediment	03/21/06 12:00	67.92
LDW-SC47-2-3 JC32AK 06-3717	02/23/06	Sediment	03/21/06 12:00	48.20

Reported in Percent

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QC Report No: JC42-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC40-1.3-2 JC42B 06-3817	02/24/06	Sediment	03/21/06 12:00	30.31
LDW-SC40-2-4 JC42C 06-3818	02/24/06	Sediment	03/21/06 12:00	24.90
LDW-SC17-1-2 JC42H 06-3823	02/24/06	Sediment	03/21/06 12:00	81.99
LDW-SC17-2-4 JC42I 06-3824	02/24/06	Sediment	03/21/06 12:00	103.7
LDW-SC50-1-2 JC42M 06-3828	02/24/06	Sediment	03/21/06 12:00	51.47
LDW-SC50-2-2.8 JC42N 06-3829	02/24/06	Sediment	03/21/06 12:00	39.94
LDW-SC46-1-2 JC42AA 06-3842	02/24/06	Sediment	03/21/06 12:00	63.07
LDW-SC46-2-4 JC42AB 06-3843	02/24/06	Sediment	03/21/06 12:00	63.87

Reported in Percent

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Moisture Content by Method ASTM D2216



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QC Report No: JC48-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC28-1-2 JC48B 06-3864	02/25/06	Sediment	03/22/06 12:00	87.77
LDW-SC28-2-4 JC48C 06-3865	02/25/06	Sediment	03/22/06 12:00	87.66

Reported in Percent

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QC Report No: JC95-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC41-1-2 JC95B 06-4141	02/21/06	Sediment	03/22/06 12:00	93.72
LDW-SC41-2-4 JC95C 06-4142	02/21/06	Sediment	03/22/06 12:00	86.67
LDW-SC44-0-2 JC95D 06-4143	02/21/06	Sediment	03/22/06 12:00	70.82
LDW-SC44-2-3.2 JC95E 06-4144	02/21/06	Sediment	03/22/06 12:00	22.31
LDW-SC29-0-1 JC95G 06-4146	02/21/06	Sediment	03/22/06 12:00	33.31
LDW-SC19-2-4 JC95L 06-4151	02/24/06	Sediment	03/22/06 12:00	64.34

Reported in Percent

SPECIFIC GRAVITY

GEOTECHNICAL ANALYSIS DATA SHEET
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QC Report No: JA36-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chemistry
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC55-0-1 JA36A 06-1912	02/06/06	Sediment	02/09/06 12:00	2.69
LDW-SC55-1-2 JA36B 06-1913	02/06/06	Sediment	02/09/06 12:00	2.70
LDW-SC55-2-3 JA36C 06-1914	02/06/06	Sediment	02/09/06 12:00	2.67
LDW-SC49-0-1 JA36F 06-1917	02/06/06	Sediment	02/09/06 12:00	2.65
LDW-SC49-1-2 JA36G 06-1918	02/06/06	Sediment	02/09/06 12:00	2.66
LDW-SC49-2-4 JA36H 06-1919	02/06/06	Sediment	02/09/06 12:00	2.59

Reported in Std Units

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QC Report No: JA64-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chemistr
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC53-0-2 JA64A 06-2143	02/07/06	Sediment	02/14/06 12:00	2.63
LDW-SC53-2-4 JA64B 06-2144	02/07/06	Sediment	02/14/06 12:00	2.60
LDW-SC56-0-2 JA64Q 06-2159	02/07/06	Sediment	02/14/06 12:00	2.73

Reported in Std Units

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QC Report No: JA90-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC52-1-2 JA90C 06-2357	02/08/06	Sediment	02/14/06 12:00	2.60
LDW-SC52-2-4 JA90D 06-2358	02/08/06	Sediment	02/14/06 12:00	2.70
LDW-SC42-0-1 JA90F 06-2360	02/08/06	Sediment	02/14/06 12:00	2.59
LDW-SC42-2-4 JA90H 06-2362	02/08/06	Sediment	02/14/06 12:00	2.63
LDW-SC48-0-1 JA90M 06-2367	02/08/06	Sediment	02/14/06 12:00	2.58
LDW-SC48-1-2 JA90N 06-2368	02/08/06	Sediment	02/14/06 12:00	2.66

Reported in Std Units

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QC Report No: JB00-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC3-0-2 JB00S 06-2478	02/09/06	Sediment	02/20/06 12:00	2.64
LDW-SC3-2-4 JB00T 06-2479	02/09/06	Sediment	02/20/06 12:00	2.68

Reported in Std Units

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ANALYTICAL
RESOURCES
INCORPORATED 

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QC Report No: JB01-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC4-0-1 JB01P 06-2497	02/09/06	Sediment	02/20/06 12:00	2.67
LDW-SC4-1-2 JB01Q 06-2498	02/09/06	Sediment	02/20/06 12:00	2.59
LDW-SC2-2-4 JB01V 06-2503	02/09/06	Sediment	02/20/06 12:00	2.71

Reported in Std Units

Report for JB01

0145

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QC Report No: JB20-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC6-0-2 JB20A 06-2573	02/10/06	Sediment	02/21/06 12:00	2.69
LDW-SC6-2-4.5 JB20B 06-2574	02/10/06	Sediment	02/21/06 12:00	2.66
LDW-SC8-0-1 JB20V 06-2594	02/10/06	Sediment	02/21/06 12:00	2.69
LDW-SC8-2-4 JB20X 06-2596	02/10/06	Sediment	02/21/06 12:00	2.58
LDW-SC7-0-1 JB20AB 06-2600	02/10/06	Sediment	02/21/06 12:00	2.69
LDW-SC7-1.7-4 JB20AD 06-2602	02/10/06	Sediment	02/21/06 12:00	2.73
LDW-SC10-0-1 JB20AH 06-2606	02/10/06	Sediment	02/21/06 12:00	2.57
LDW-SC10-2-4 JB20AJ 06-2608	02/10/06	Sediment	02/21/06 12:00	2.57

Reported in Std Units

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QC Report No: JB22-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC33-0-2 JB22A 06-2641	02/11/06	Sediment	02/23/06 12:00	2.69
LDW-SC33-2-4 JB22B 06-2642	02/11/06	Sediment	02/23/06 12:00	2.69

Reported in Std Units

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QC Report No: JB30-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC13-0-2 JB30B 06-2803	02/13/06	Sediment	02/22/06 12:00	2.63
LDW-SC13-2-4 JB30C 06-2804	02/13/06	Sediment	02/22/06 12:00	2.47
LDW-SC9-0-1 JB30S 06-2820	02/13/06	Sediment	02/22/06 12:00	2.62
LDW-SC9-1-2.6 JB30T 06-2821	02/13/06	Sediment	02/22/06 12:00	2.61

Reported in Std Units

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QC Report No: JB31-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC32-1-2 JB31B 06-2826	02/11/06	Sediment	02/24/06 12:00	2.61
LDW-SC32-2-4 JB31C 06-2827	02/11/06	Sediment	02/24/06 12:00	2.60
LDW-SC14-0-1.4 JB31H 06-2832	02/13/06	Sediment	02/24/06 12:00	2.62
LDW-SC14-2-4.1 JB31J 06-2834	02/13/06	Sediment	02/24/06 12:00	2.66
LDW-SC11-.8-2 JB31P 06-2840	02/13/06	Sediment	02/24/06 12:00	2.69

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
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QC Report No: JB46-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC22-0-1.1 JB46A 06-2916	02/14/06	Sediment	03/01/06 12:00	2.56
LDW-SC22-1.1-2 JB46B 06-2917	02/14/06	Sediment	03/01/06 12:00	2.68
LDW-SC16-0-2 JB46F 06-2921	02/14/06	Sediment	03/01/06 12:00	2.62
LDW-SC16-2-4 JB46G 06-2922	02/14/06	Sediment	03/01/06 12:00	2.76
LDW-SC27-0-2 JB46Y 06-2940	02/14/06	Sediment	03/01/06 12:00	2.67
LDW-SC27-2-4.5 JB46Z 06-2941	02/14/06	Sediment	03/01/06 12:00	2.52

Reported in Std Units

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QC Report No: JB47-Windward Environmental, LLC
Project: LDW-RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC30-0-2.5 JB47J 06-2957	02/14/06	Sediment	02/24/06 12:00	2.73
LDW-SC30-2.5-4 JB47K 06-2958	02/14/06	Sediment	02/24/06 12:00	2.69

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
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QC Report No: JB80-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
04-08-06-24

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC20-0-2 JB80G 06-3223	02/15/06	Sediment	03/02/06 12:00	2.64
LDW-SC20-2-4 JB80H 06-3224	02/15/06	Sediment	03/02/06 12:00	2.66

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



Data Release Authorized:
Reported: 03/08/06
Date Received: 02/16/06
Page 1 of 1

QC Report No: JB82-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC36-2-4 JB82C 06-3252	02/16/06	Sediment	03/03/06 12:00	2.60
LDW-SC202-2-4 JB82I 06-3258	02/16/06	Sediment	03/03/06 12:00	2.63
LDW-SC39-1-2 JB82N 06-3263	02/16/06	Sediment	03/03/06 12:00	2.70
LDW-SC39-2-4 JB82O 06-3264	02/16/06	Sediment	03/03/06 12:00	2.63
LDW-SC12-0-2 JB82S 06-3268	02/16/06	Sediment	03/03/06 12:00	2.57
LDW-SC12-2-4 JB82T 06-3269	02/16/06	Sediment	03/03/06 12:00	2.66

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



Data Release Authorized:
Reported: 03/06/06
Date Received: 02/09/06
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QC Report No: JB90-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC1-0-2 JB90F 06-3306	02/09/06	Sediment	03/03/06 12:00	2.61
LDW-SC1-2-4 JB90G 06-3307	02/09/06	Sediment	03/03/06 12:00	2.70

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



Data Release Authorized:
Reported: 03/29/06
Date Received: 02/17/06
Page 1 of 1

QC Report No: JB91-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC23-0-2 JB91C 06-3311	02/17/06	Sediment	03/13/06 12:00	2.65
LDW-SC23-2-4 JB91D 06-3312	02/17/06	Sediment	03/13/06 12:00	2.62

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



Data Release Authorized:
Reported: 03/13/06
Date Received: 02/18/06
Page 1 of 1

QC Report No: JB96-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC203-1-2 JB96H 06-3349	02/18/06	Sediment	03/13/06 12:00	2.65
LDW-SC203-2-4 JB96I 06-3350	02/18/06	Sediment	03/13/06 12:00	2.06
LDW-SC25-1-2 JB96R 06-3359	02/18/06	Sediment	03/13/06 12:00	2.37
LDW-SC25-2-4 JB96S 06-3360	02/18/06	Sediment	03/13/06 12:00	2.69

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



Data Release Authorized:
Reported: 03/17/06
Date Received: 02/17/06
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QC Report No: JB98-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC15-0-1 JB98A 06-3365	02/17/06	Sediment	03/17/06 12:00	2.63
LDW-SC15-2-4 JB98C 06-3367	02/17/06	Sediment	03/17/06 12:00	2.66
LDW-SC18-1-2 JB98H 06-3372	02/17/06	Sediment	03/17/06 12:00	2.71
LDW-SC18-2-4 JB98I 06-3373	02/17/06	Sediment	03/17/06 12:00	2.70
LDW-SC31-0-1 JB98M 06-3377	02/17/06	Sediment	03/17/06 12:00	2.69
LDW-SC31-1-2.8 JB98N 06-3378	02/17/06	Sediment	03/17/06 12:00	2.68
LDW-SC24-0-1 JB98Q 06-3381	02/17/06	Sediment	03/17/06 12:00	2.64
LDW-SC24-2-4 JB98S 06-3383	02/17/06	Sediment	03/17/06 12:00	2.70

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



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Reported: 03/10/06
Date Received: 02/10/06
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QC Report No: JC05-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC5-0-1 JC05A 06-3421	02/10/06	Sediment	03/03/06 12:00	2.66
LDW-SC5-2.2-4 JC05C 06-3423	02/10/06	Sediment	03/03/06 12:00	2.72

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



Data Release Authorized:
Reported: 03/17/06
Date Received: 02/21/06
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QC Report No: JC10-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC45-1-2 JC10V 06-3474	02/21/06	Sediment	03/14/06 12:00	2.67
LDW-SC45-2-4 JC10W 06-3475	02/21/06	Sediment	03/14/06 12:00	2.63
LDW-SC38-0-1 JC10AT 06-3498	02/21/06	Sediment	03/14/06 12:00	2.67

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



Data Release Authorized: **AR**
Reported: 10/17/06
Date Received: 02/22/06
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QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC51-0-2 JC21R 06-3590	02/22/06	Sediment	03/20/06 12:00	2.73
LDW-SC51-2-3.8 JC21S 06-3591	02/22/06	Sediment	03/20/06 12:00	2.63
LDW-SC37-0-1 JC21AG 06-3605	02/22/06	Sediment	03/20/06 12:00	2.68
LDW-SC37-2-4 JC21AI 06-3607	02/22/06	Sediment	03/20/06 12:00	2.66
LDW-SC26-1-2 JC21AM 06-3611	02/22/06	Sediment	03/20/06 12:00	2.70
LDW-SC26-2-4 JC21AN 06-3612	02/22/06	Sediment	03/20/06 12:00	2.80

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



Data Release Authorized:
Reported: 03/21/06
Date Received: 02/23/06
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QC Report No: JC32-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC43-0-2 JC32A 06-3681	02/23/06	Sediment	03/21/06 12:00	2.70
LDW-SC43-2-4 JC32B 06-3682	02/23/06	Sediment	03/21/06 12:00	2.67
LDW-SC54-0-2 JC32R 06-3698	02/23/06	Sediment	03/21/06 12:00	2.62
LDW-SC54-2-4 JC32S 06-3699	02/23/06	Sediment	03/21/06 12:00	2.63
LDW-SC47-1-2 JC32AJ 06-3716	02/23/06	Sediment	03/21/06 12:00	2.62
LDW-SC47-2-3 JC32AK 06-3717	02/23/06	Sediment	03/21/06 12:00	2.64

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



Data Release Authorized:
Reported: 03/21/06
Date Received: 02/24/06
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QC Report No: JC42-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC40-1.3-2 JC42B 06-3817	02/24/06	Sediment	03/21/06 12:00	2.70
LDW-SC40-2-4 JC42C 06-3818	02/24/06	Sediment	03/21/06 12:00	2.71
LDW-SC17-1-2 JC42H 06-3823	02/24/06	Sediment	03/21/06 12:00	2.61
LDW-SC17-2-4 JC42I 06-3824	02/24/06	Sediment	03/21/06 12:00	2.50
LDW-SC50-1-2 JC42M 06-3828	02/24/06	Sediment	03/21/06 12:00	2.65
LDW-SC50-2-2.8 JC42N 06-3829	02/24/06	Sediment	03/21/06 12:00	2.68
LDW-SC46-1-2 JC42AA 06-3842	02/24/06	Sediment	03/21/06 12:00	2.68
LDW-SC46-2-4 JC42AB 06-3843	02/24/06	Sediment	03/21/06 12:00	2.57

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



Data Release Authorized:
Reported: 03/22/06
Date Received: 02/27/06
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QC Report No: JC48-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC28-1-2 JC48B 06-3864	02/25/06	Sediment	03/22/06 12:00	2.64
LDW-SC28-2-4 JC48C 06-3865	02/25/06	Sediment	03/22/06 12:00	2.66

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Specific Gravity by Method ASTM D854



Data Release Authorized:
Reported: 03/22/06
Date Received: 02/21/06
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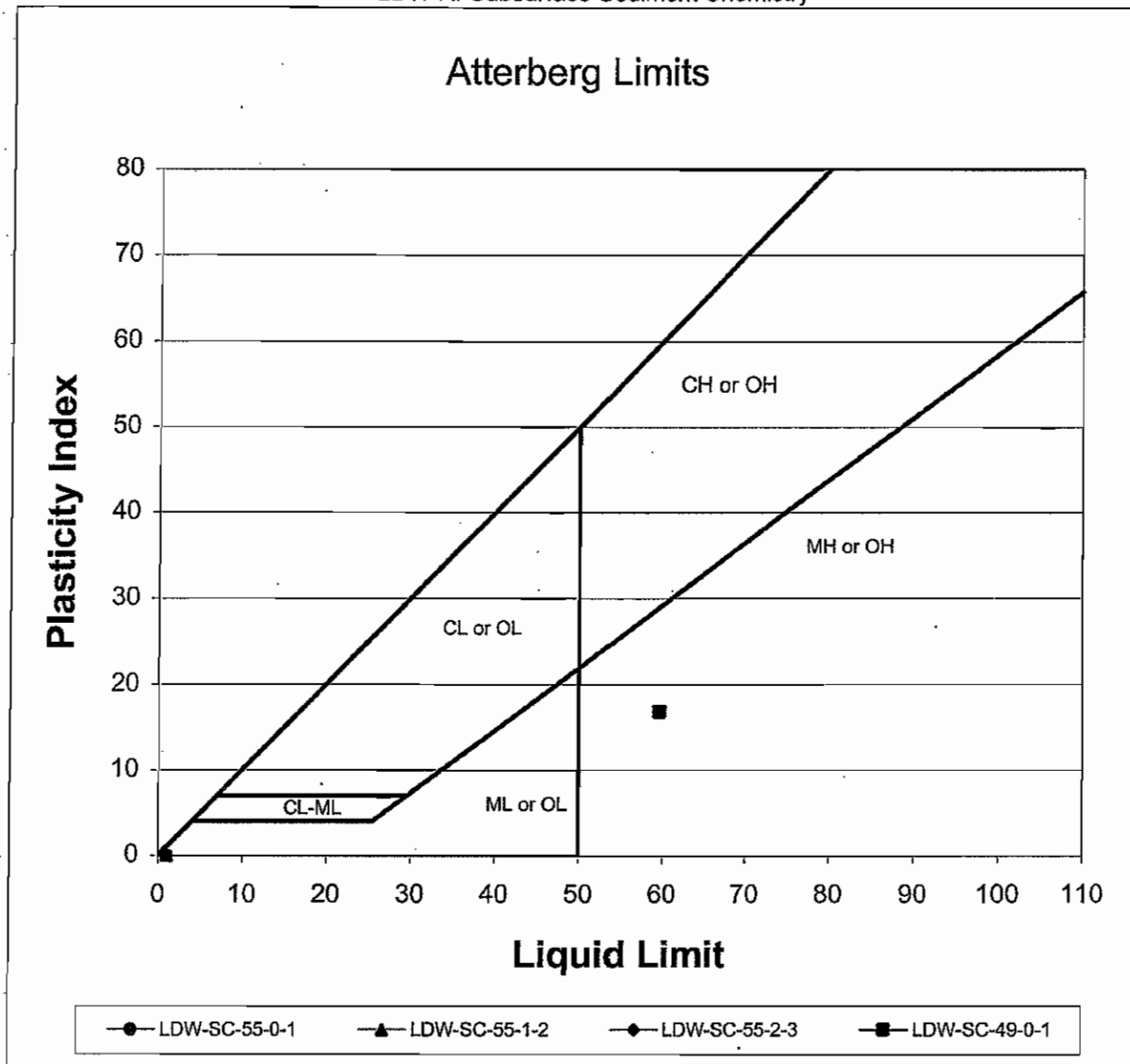
QC Report No: JC95-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC41-1-2 JC95B 06-4141	02/21/06	Sediment	03/22/06 12:00	2.53
LDW-SC41-2-4 JC95C 06-4142	02/21/06	Sediment	03/22/06 12:00	2.69
LDW-SC44-0-2 JC95D 06-4143	02/21/06	Sediment	03/22/06 12:00	2.66
LDW-SC44-2-3.2 JC95E 06-4144	02/21/06	Sediment	03/22/06 12:00	2.69
LDW-SC29-0-1 JC95G 06-4146	02/21/06	Sediment	03/22/06 12:00	2.68
LDW-SC19-2-4 JC95L 06-4151	02/24/06	Sediment	03/22/06 12:00	2.61

Reported in Std Units

**ATTERBERG LIMITS CLASSIFICATION, LIQUID LIMIT,
PLASTIC LIMIT, PLASTICITY INDEX**

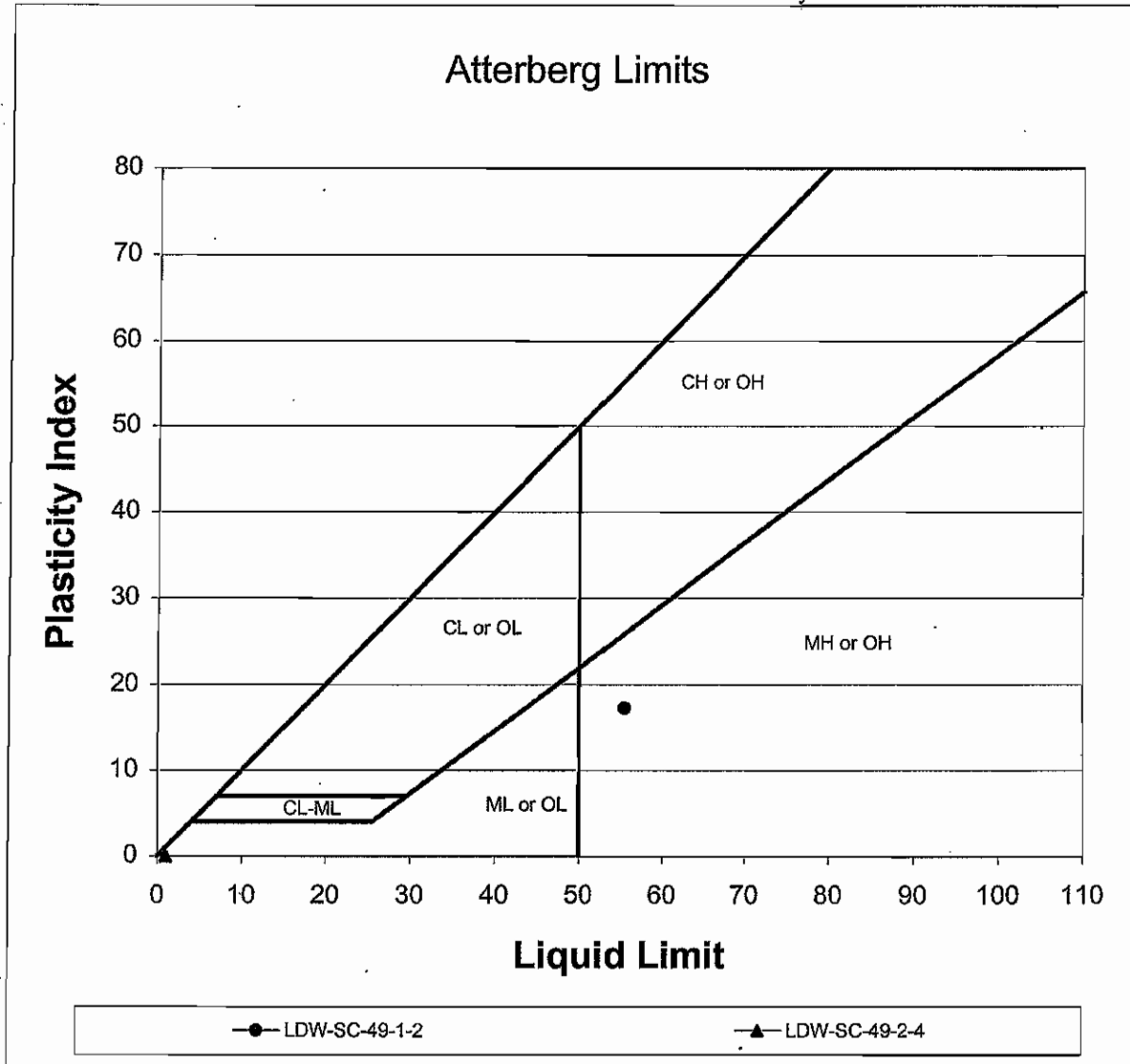
Windward Environmental LLC
LDW RI-Subsurface Sediment Chemistry



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC-55-0-1	NA	NA	NA	NA	Non-Plastic
LDW-SC-55-1-2	NA	NA	NA	NA	Non-Plastic
LDW-SC-55-2-3	NA	NA	NA	NA	Non-Plastic
LDW-SC-49-0-1	NA	16.8	59.6	42.8	OH

JA36

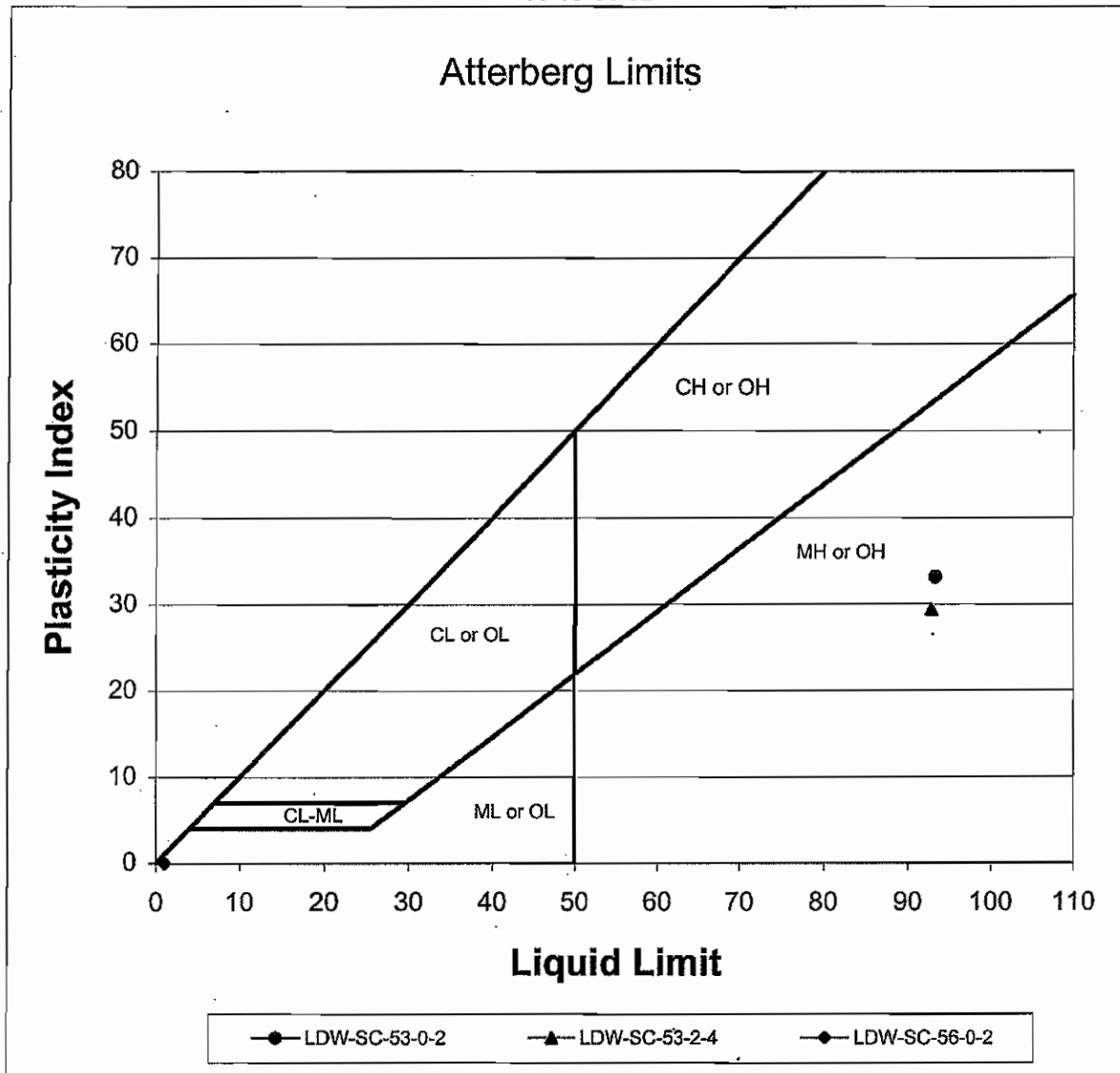
Windward Environmental LLC
LDW RI-Subsurface Sediment Chemistry



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC-49-1-2	NA	17.2	55.4	38.2	OH
LDW-SC-49-2-4	NA	NA	NA	NA	Non-Plastic

JA36

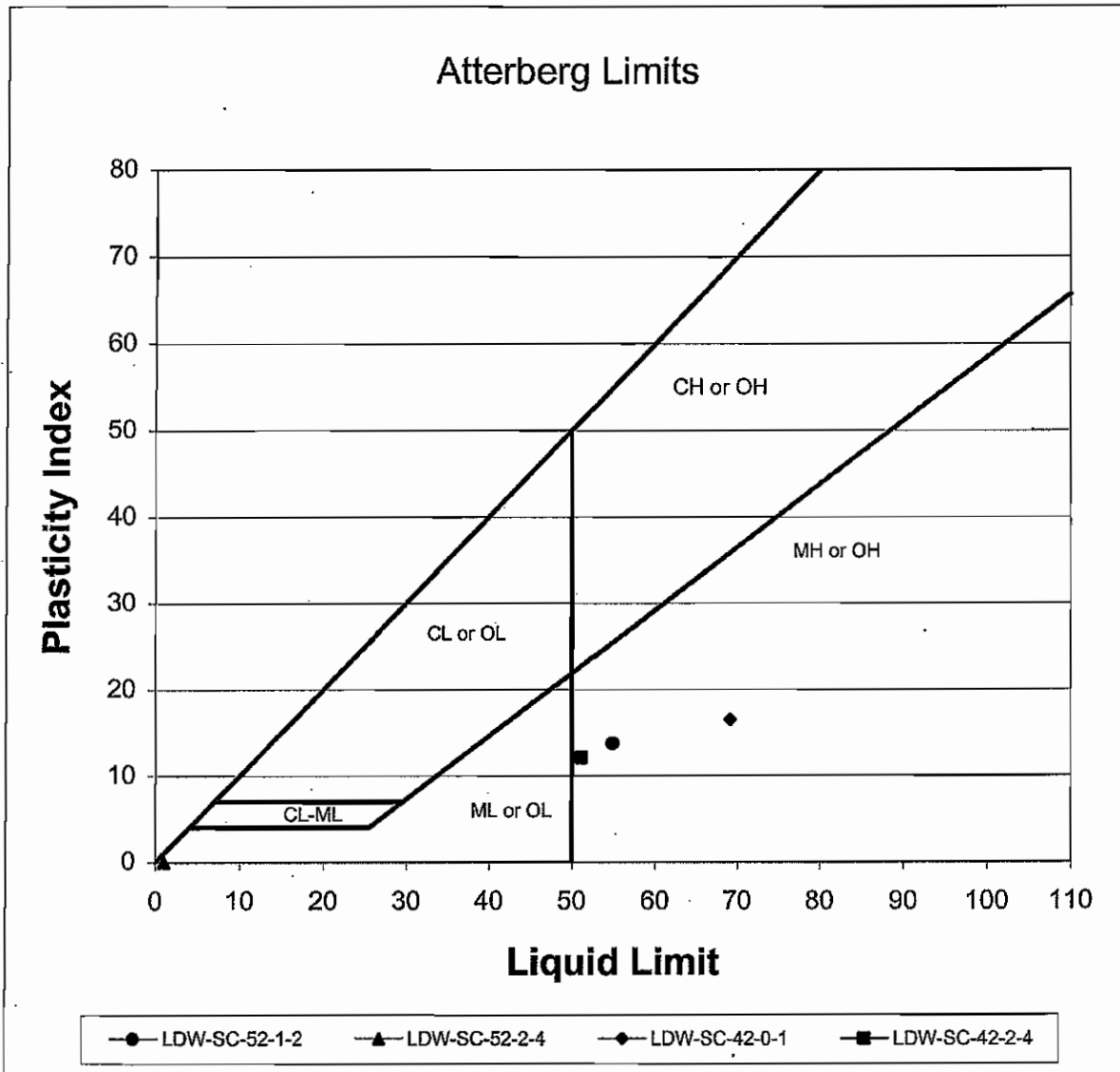
Windward Environmental, LLC
05-08-06-32



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC-53-0-2	NA	33.2	93.3	60.2	OH
LDW-SC-53-2-4	NA	29.4	92.9	63.4	OH
LDW-SC-56-0-2	NA	NA	NA	NA	Non-Plastic

JA64

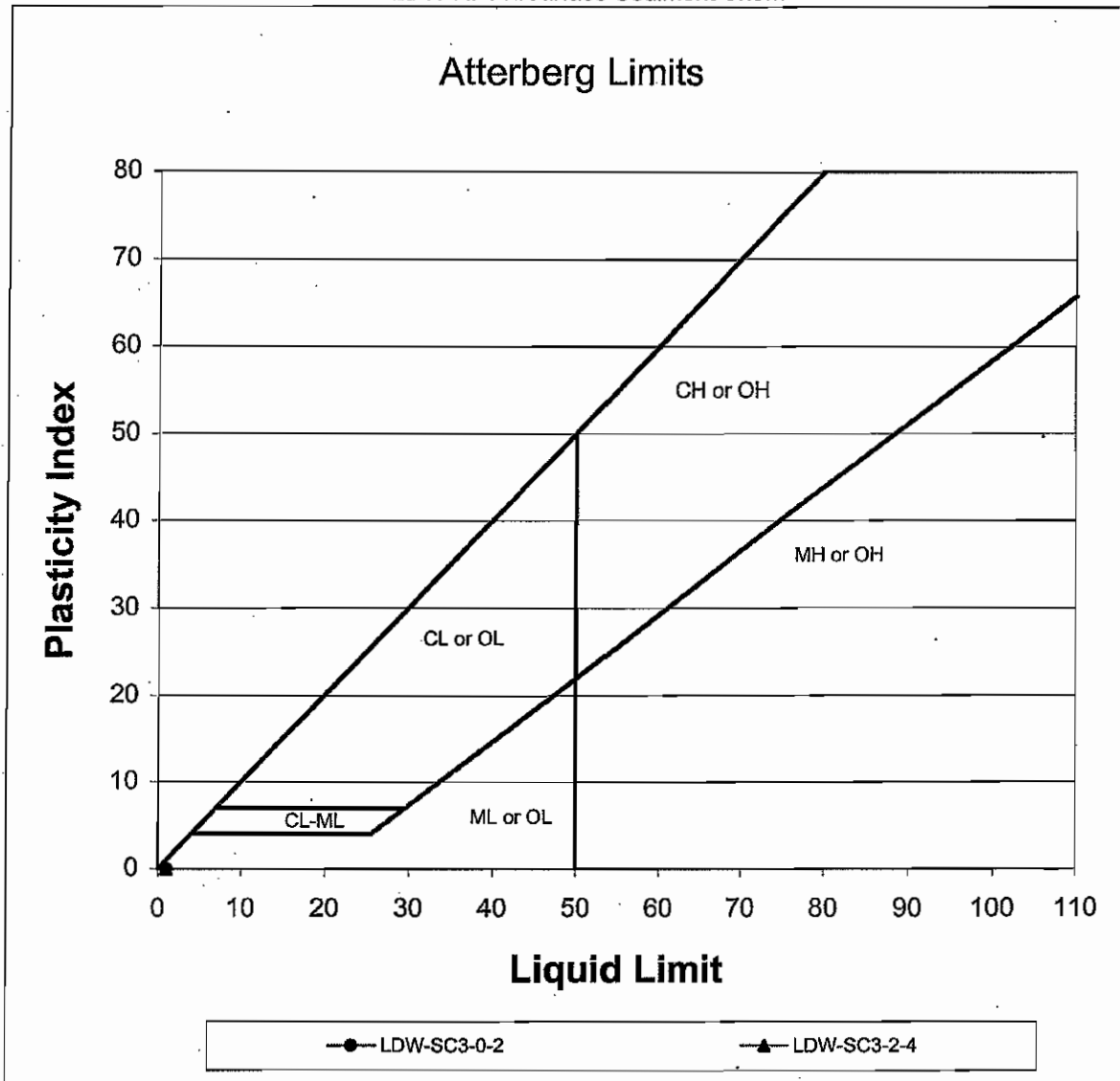
Windward Environmental, LLC
05-08-06-32



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC-52-1-2	NA	13.7	54.9	41.1	OH
LDW-SC-52-2-4	NA	NA	NA	NA	Non-Plastic
LDW-SC-42-0-1	NA	16.5	69.1	52.6	OH
LDW-SC-42-2-4	NA	12.1	51.1	39.0	OH

JA90

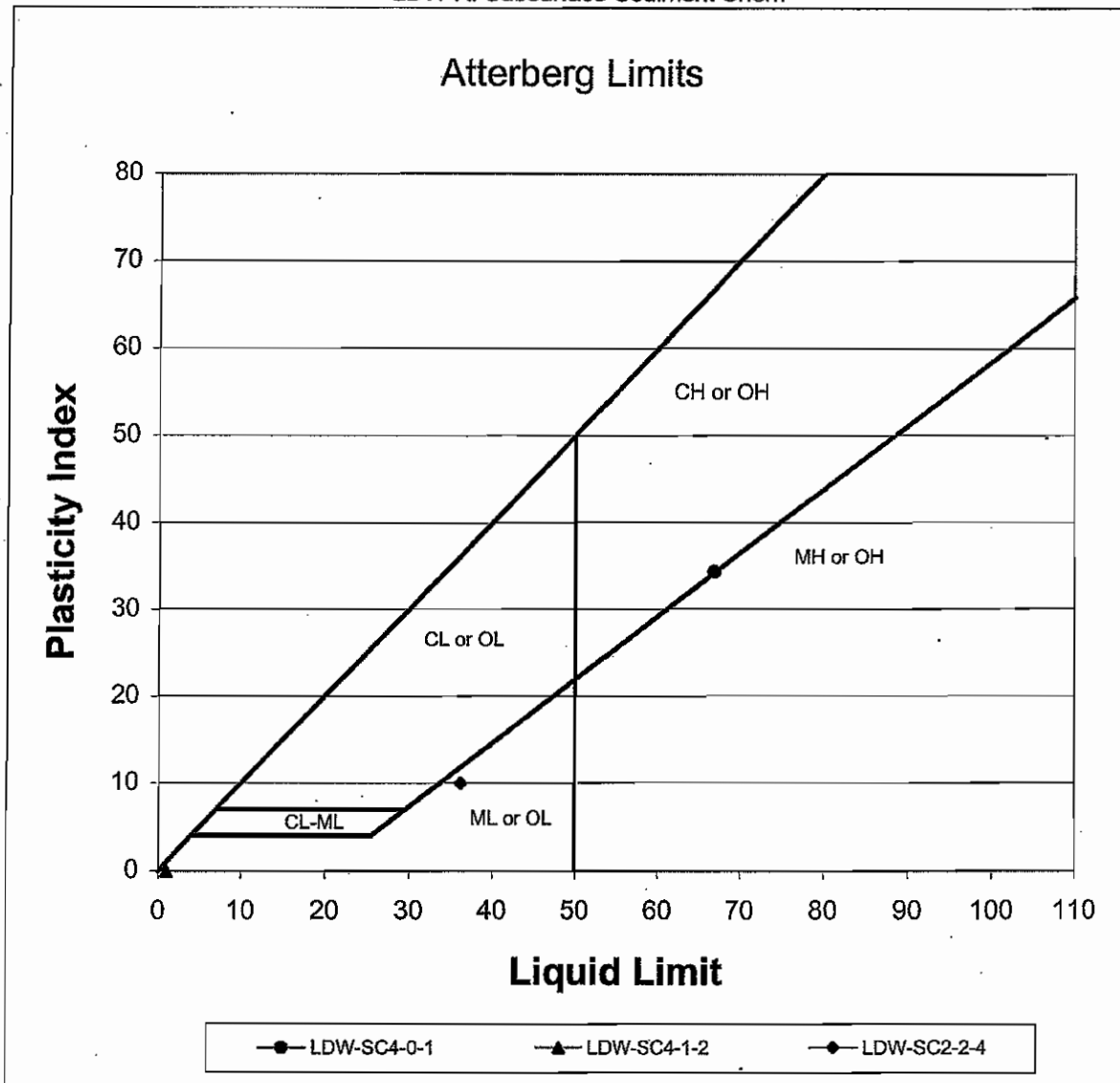
Windward Environmental
LDW RI Subsurface Sediment Chem



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC3-0-2	NA	NA	NA	NA	Non-Plastic
LDW-SC3-2-4	NA	NA	NA	NA	Non-Plastic

~~JB01~~ JB00
MOM 10/16/06

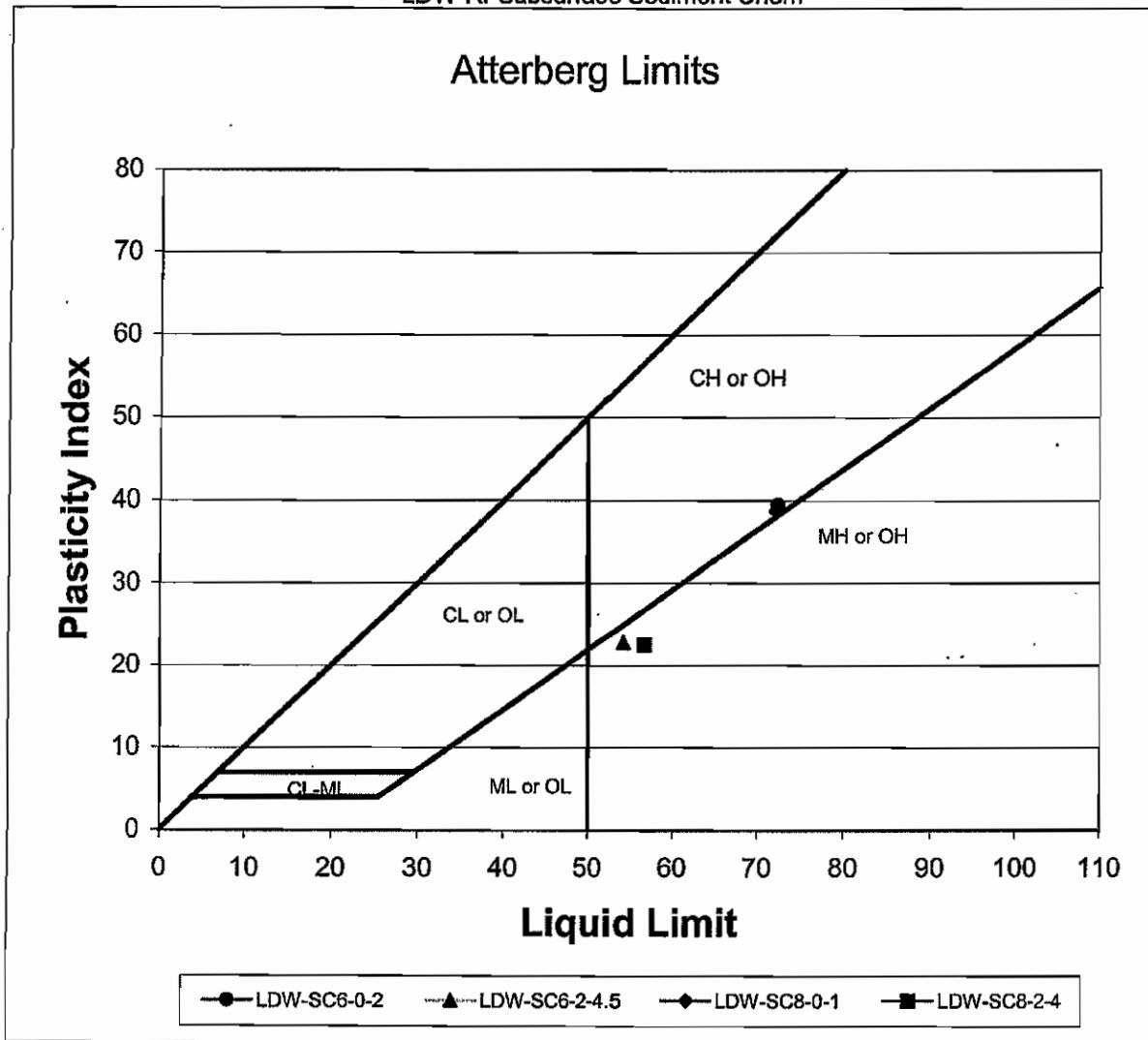
Windward Environmental
LDW RI Subsurface Sediment Chem



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC4-0-1	NA	34.3	66.8	32.5	OH
LDW-SC4-1-2	NA	NA	NA	NA	Non-Plastic
LDW-SC2-2-4	NA	10.0	36.2	26.2	OL

JB01

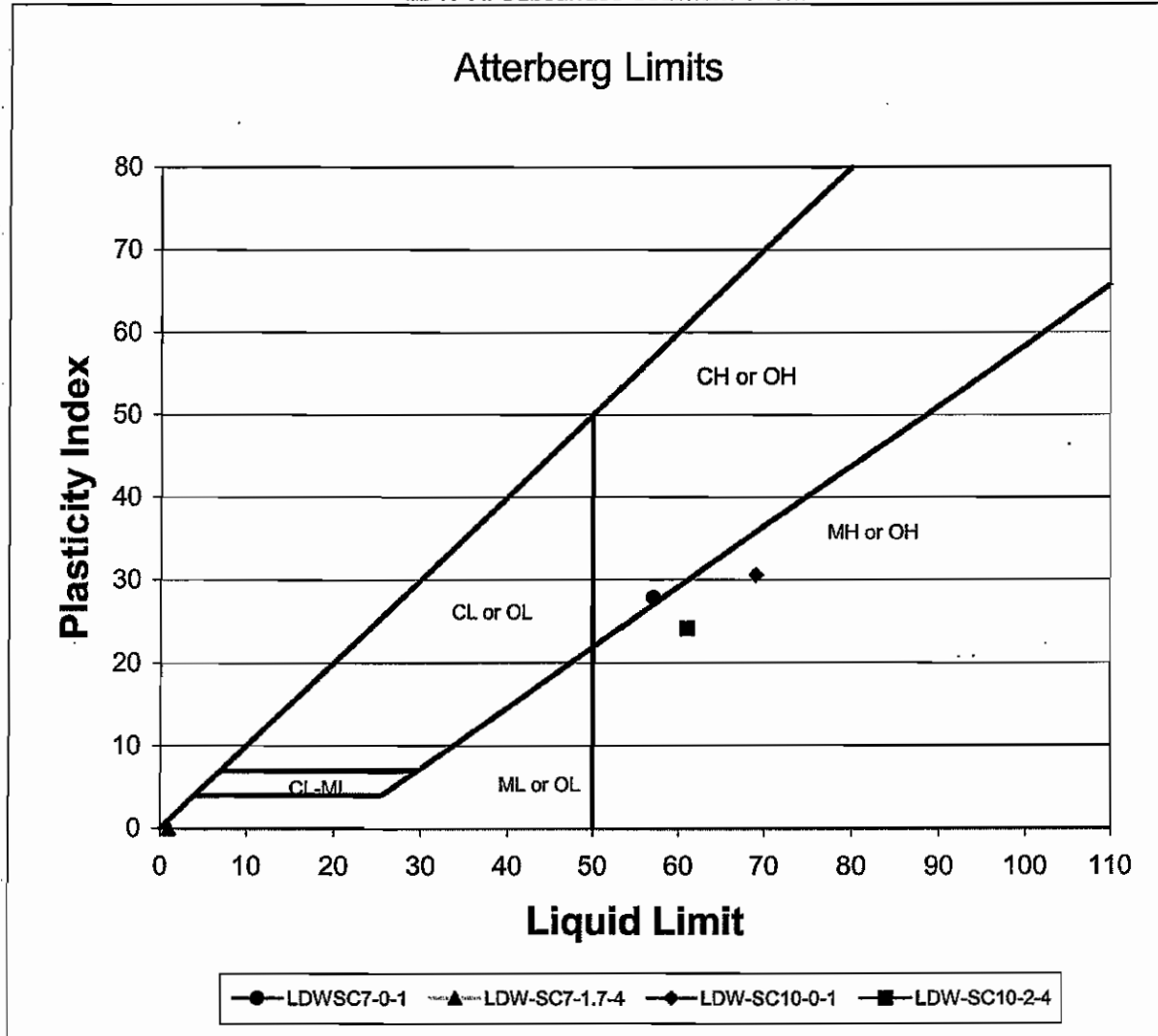
Windward Environmental, LLC
LDW RI-Subsurface Sediment Chem



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC6-0-2	NA	39.5	72.4	32.9	OH
LDW-SC6-2-4.5	NA	22.8	54.1	31.3	OH
LDW-SC8-0-1	NA	38.7	72.1	33.4	OH
LDW-SC8-2-4	NA	22.5	56.6	34.0	OH

JB20

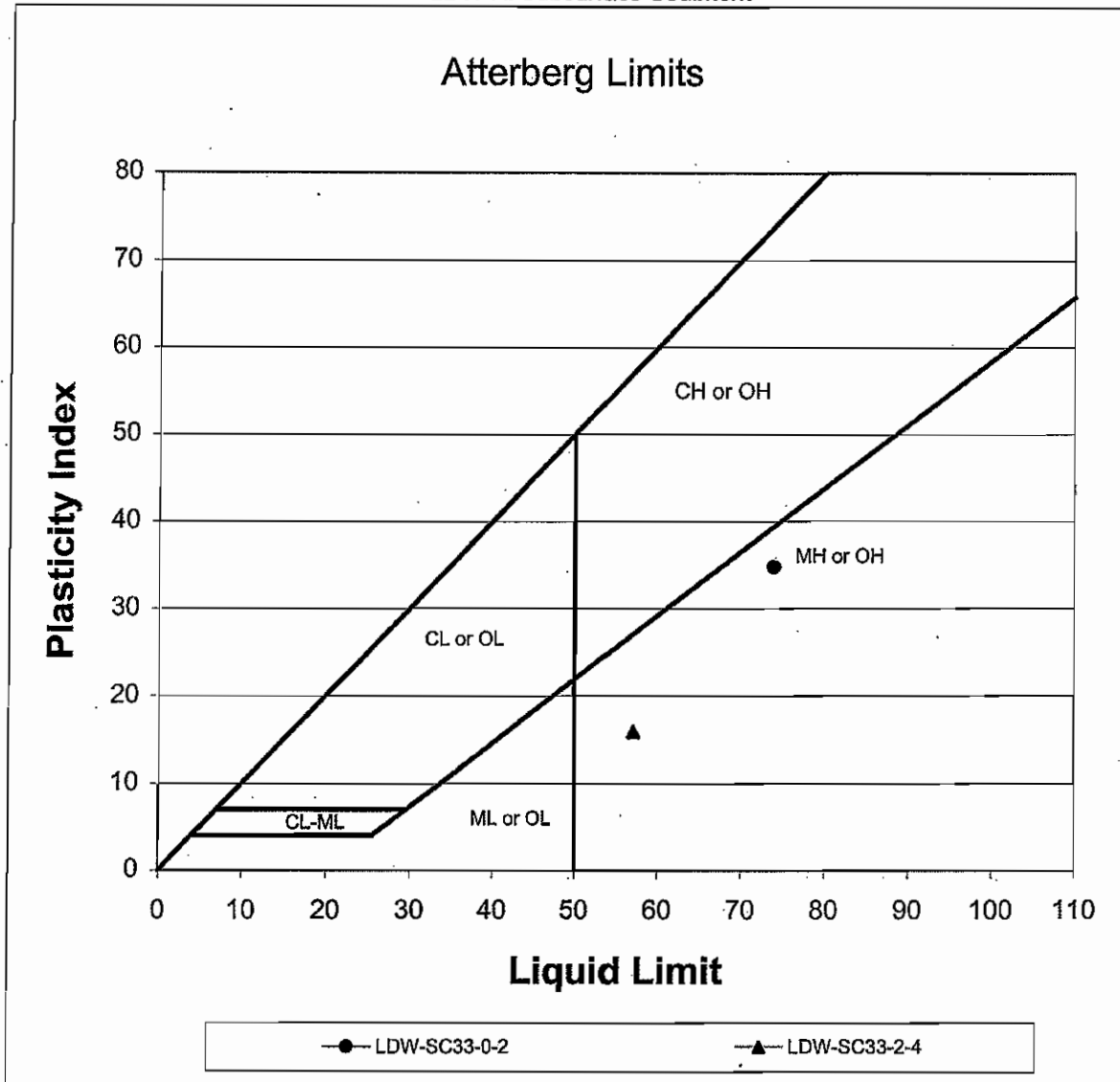
Windward Environmental, LLC
LDW RI Subsurface Sediment Chem



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDWSC7-0-1	NA	27.9	57.0	29.2	OH
LDW-SC7-1.7-4	NA	NA	NA	NA	Non-Plastic
LDW-SC10-0-1	NA	30.6	69.0	38.5	OH
LDW-SC10-2-4	NA	24.2	61.0	36.8	OH

JB20

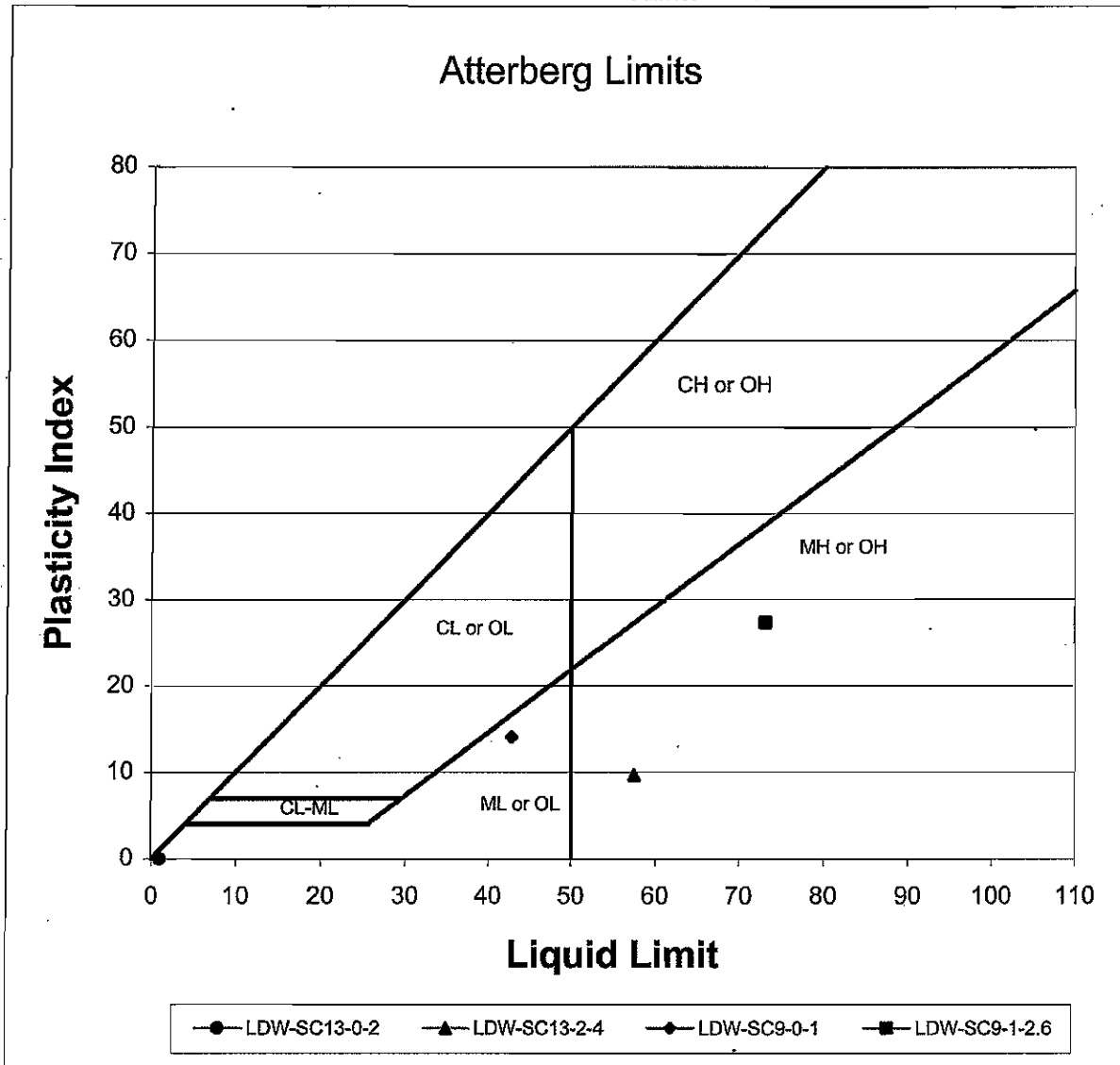
Windward Environmental, LLC
LDW RI Subsurface Sediment



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC33-0-2	NA	34.7	74.0	39.2	OH
LDW-SC33-2-4	NA	15.9	57.1	41.2	OH

JB22

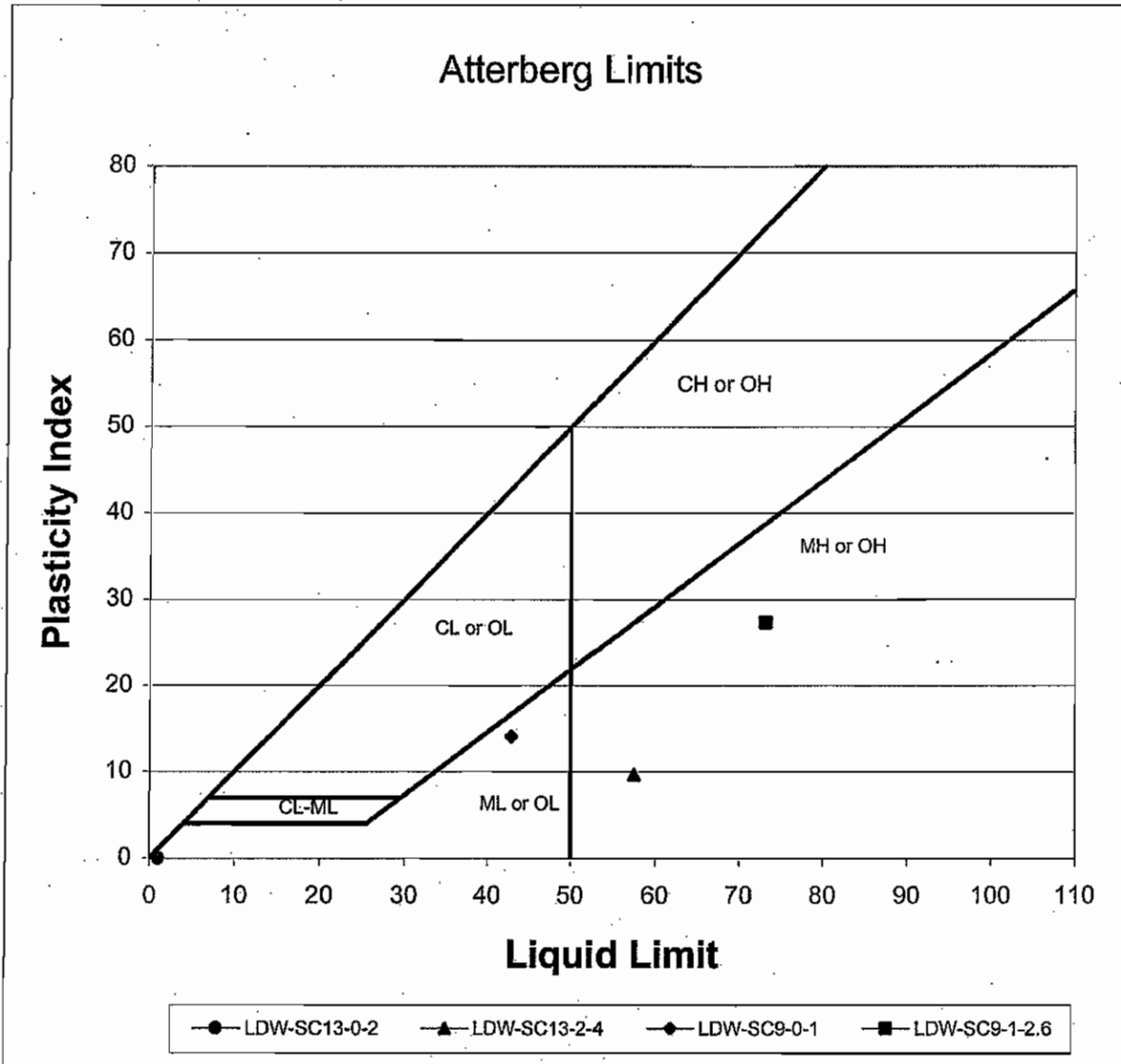
Windward Environmental
LDW RI Subsurface Sediment Chem



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC13-0-2	NA	NA	.NA	NA	Non-Plastic
LDW-SC13-2-4	NA	9.7	57.5	47.8	OH
LDW-SC9-0-1	NA	14.0	42.8	28.8	OL
LDW-SC9-1-2.6	NA	27.3	73.1	45.7	OH

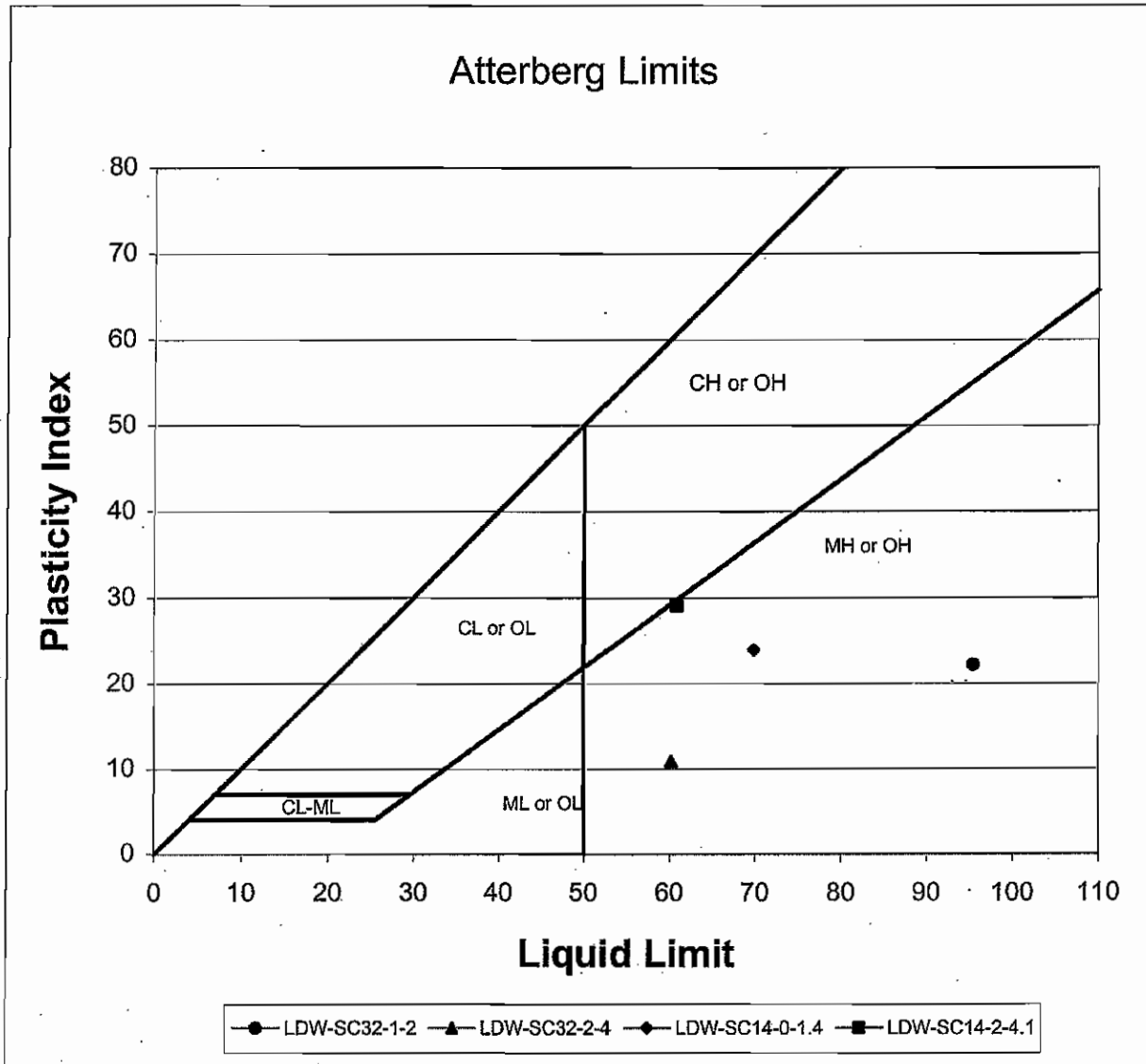
JB30

Windward Environmental
LDW RI Subsurface Sediment Chem



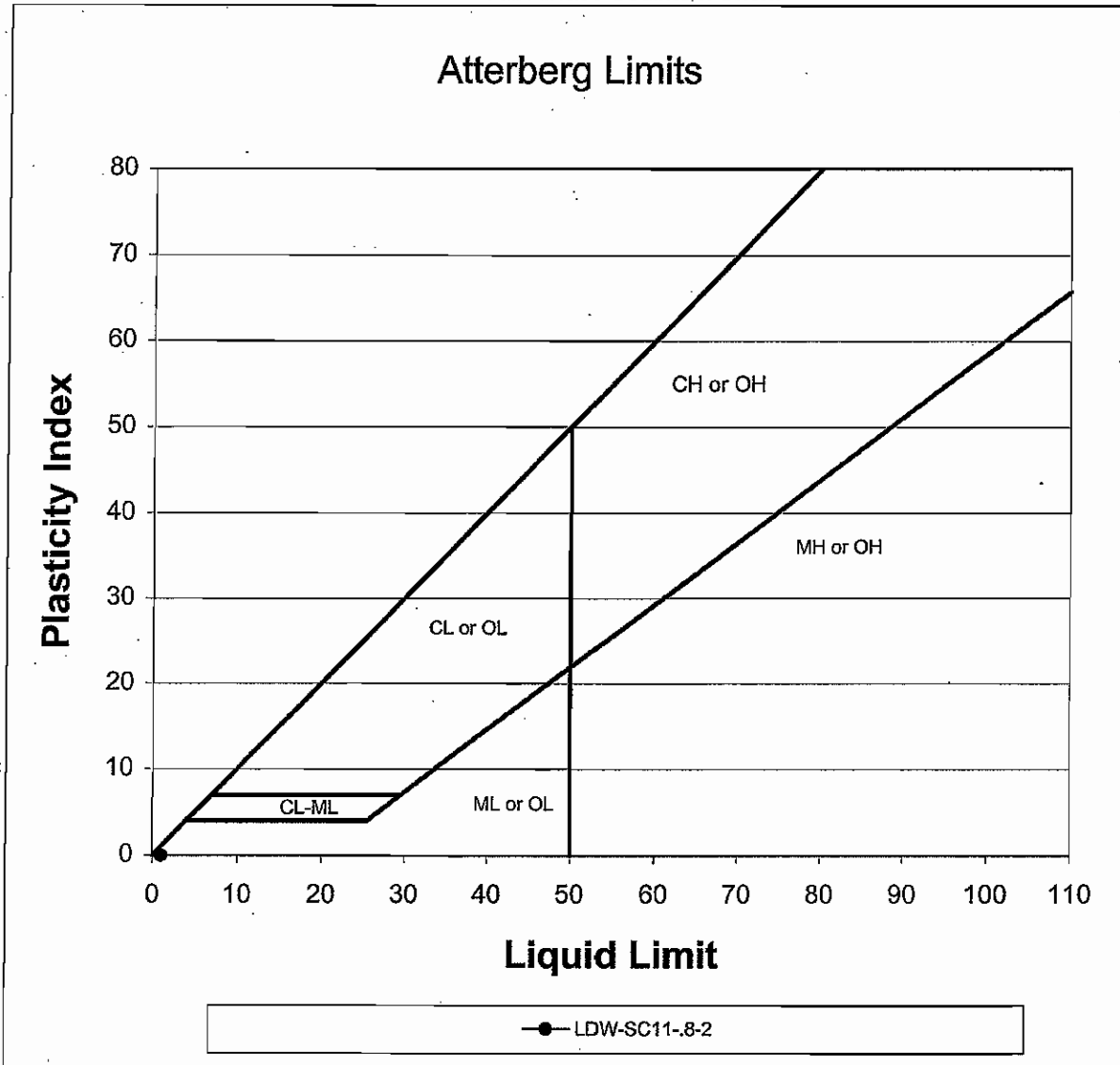
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC13-0-2	NA	NA	NA	NA	Non-Plastic
LDW-SC13-2-4	NA	9.7	57.5	47.8	OH
LDW-SC9-0-1	NA	14.0	42.8	28.8	OL
LDW-SC9-1-2.6	NA	27.3	73.1	45.7	OH

JB30



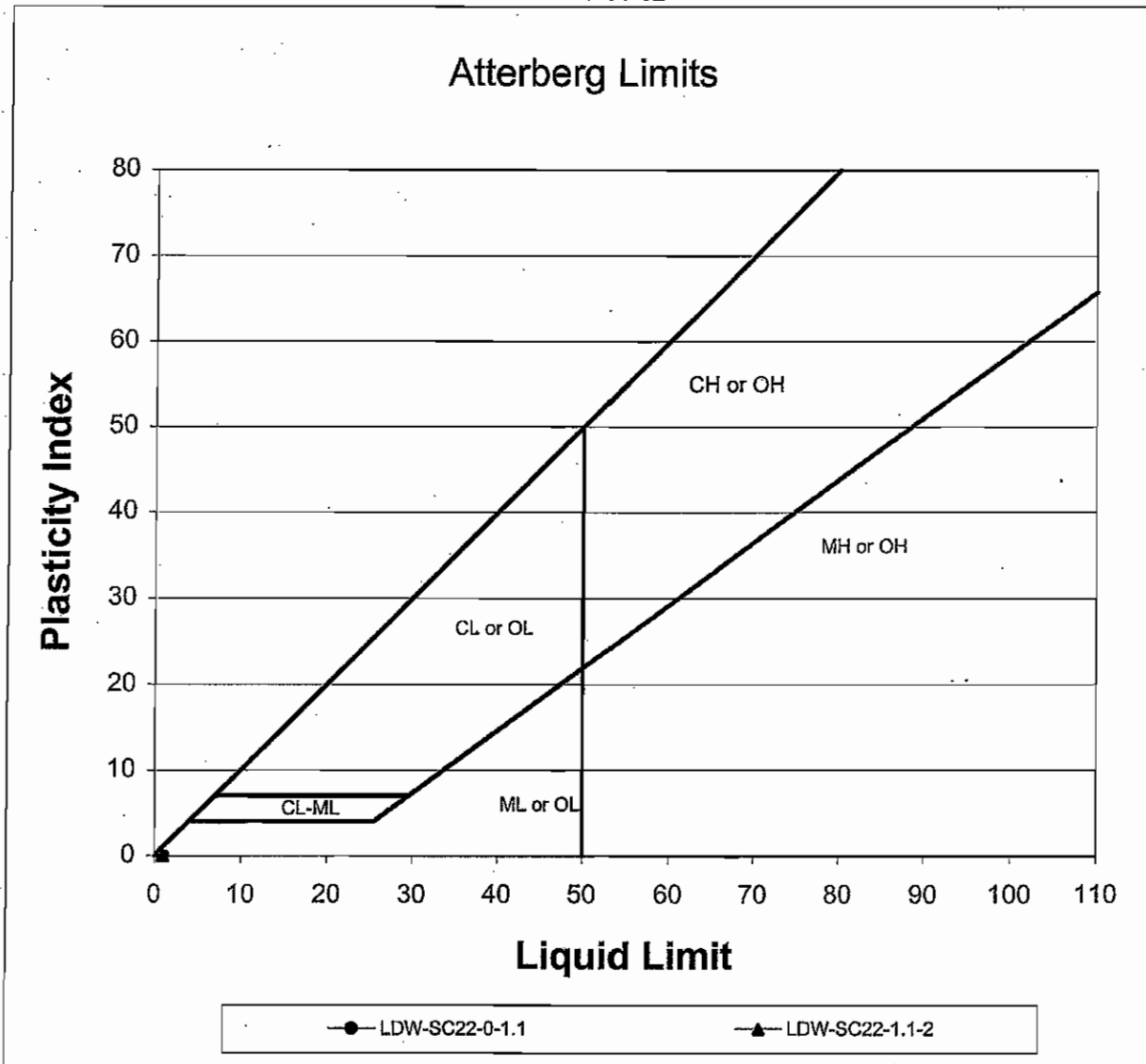
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC32-1-2	NA	22.2	95.4	73.2	MH
LDW-SC32-2-4	NA	10.9	60.2	49.2	MH
LDW-SC14-0-1.4	NA	23.9	69.8	45.9	OH
LDW-SC14-2-4.1	NA	29.1	60.8	31.6	OH

JB31



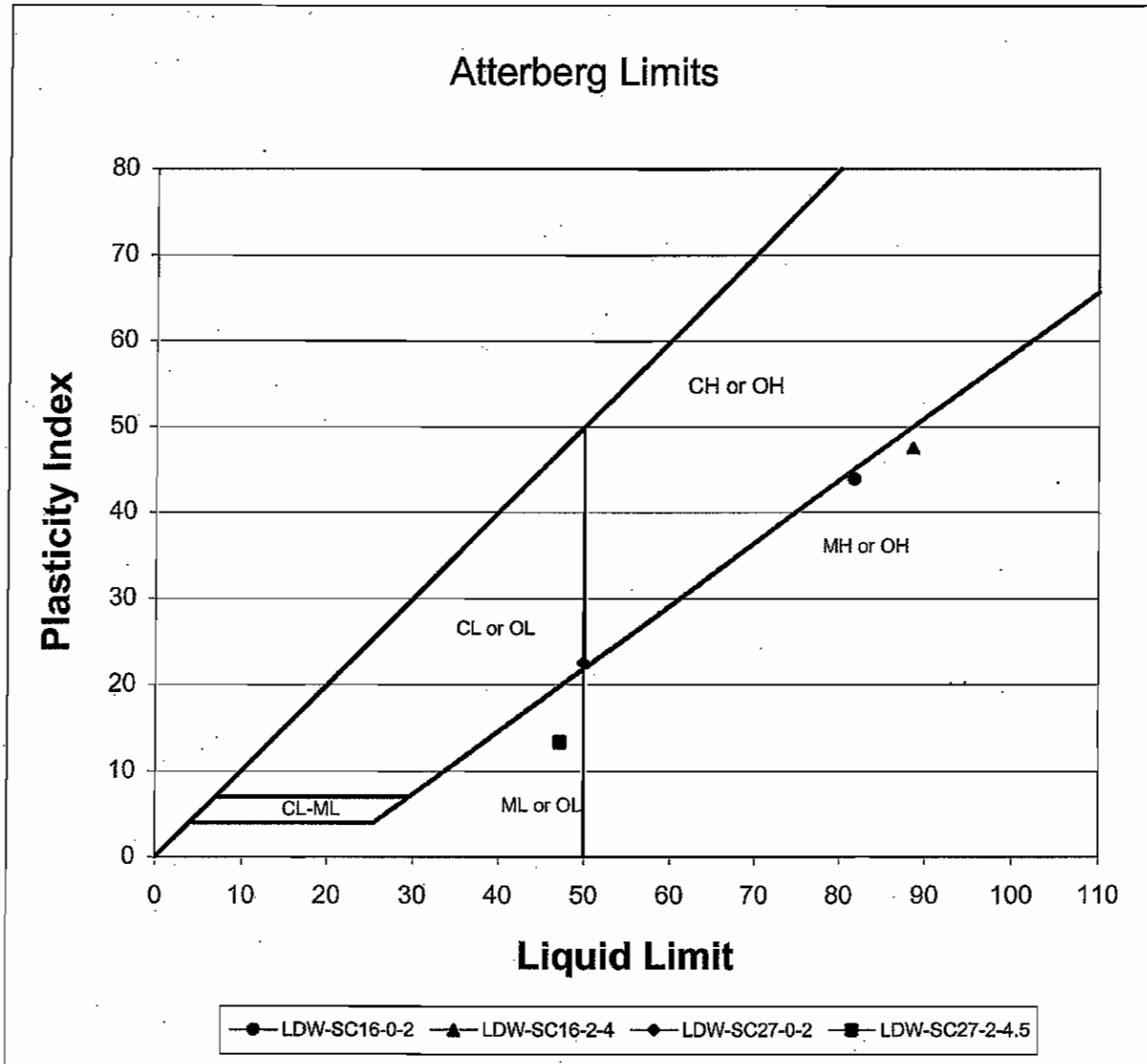
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC11-8-2	NA	NA	NA	NA	Non-plastic

JB31



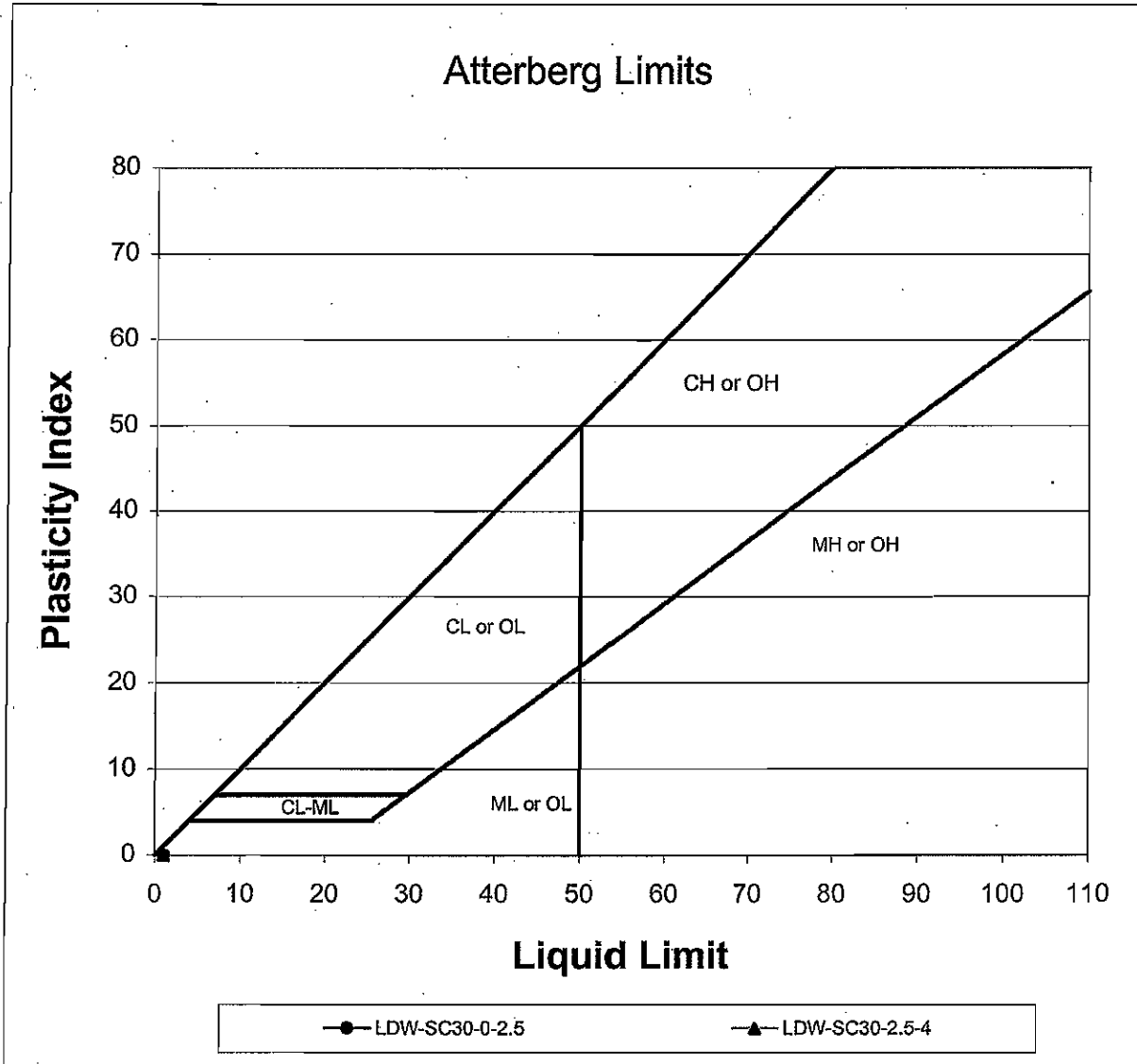
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC22-0-1.1	NA	NA	NA	NA	Non-Plastic
LDW-SC22-1.1-2	NA	NA	NA	NA	Non-Plastic

JB46



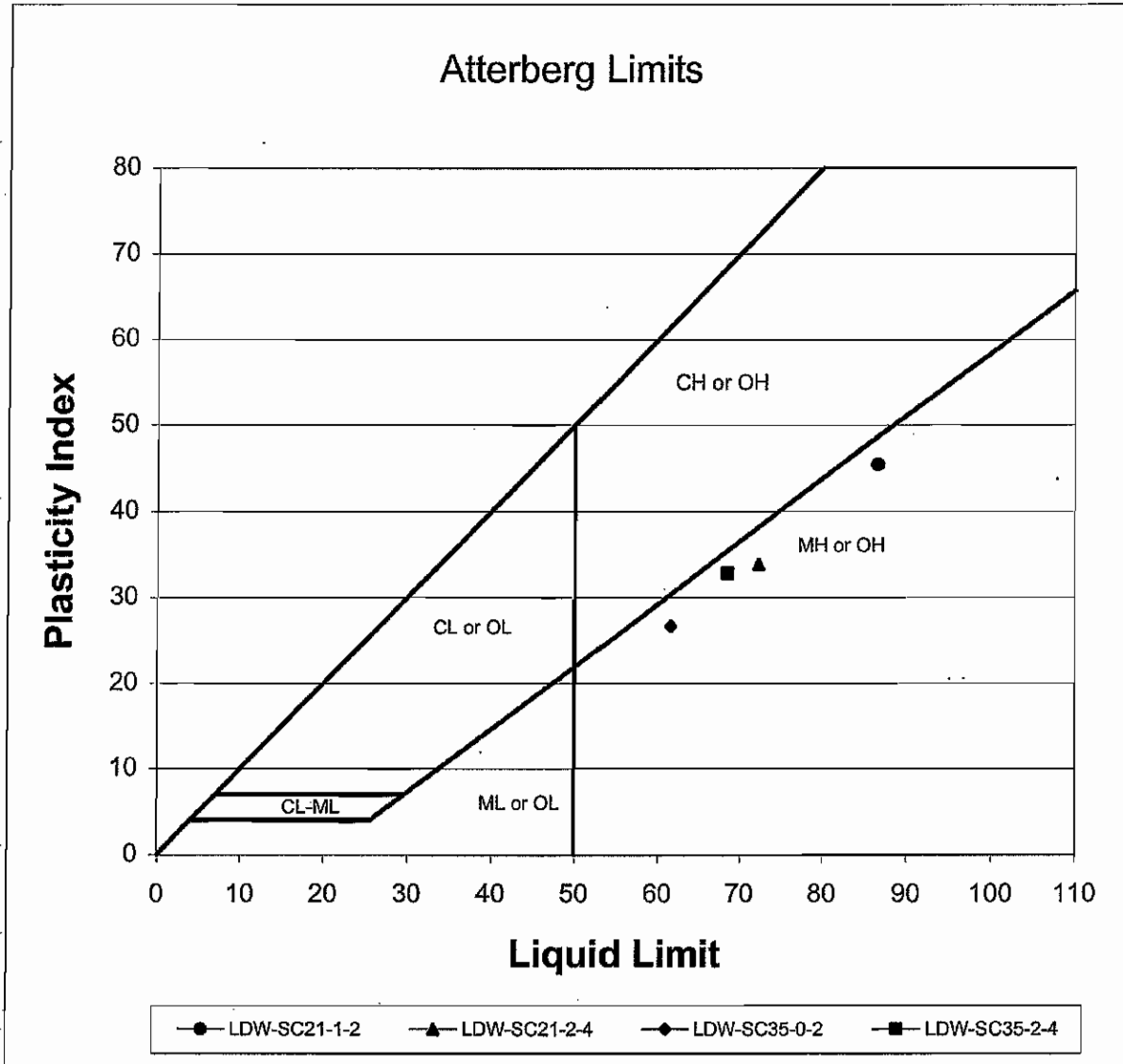
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC16-0-2	NA	43.9	81.7	37.8	MH
LDW-SC16-2-4	NA	47.6	88.6	41.0	MH
LDW-SC27-0-2	NA	22.5	49.9	27.4	OL
LDW-SC27-2-4.5	NA	13.4	47.2	33.8	OL

JB46



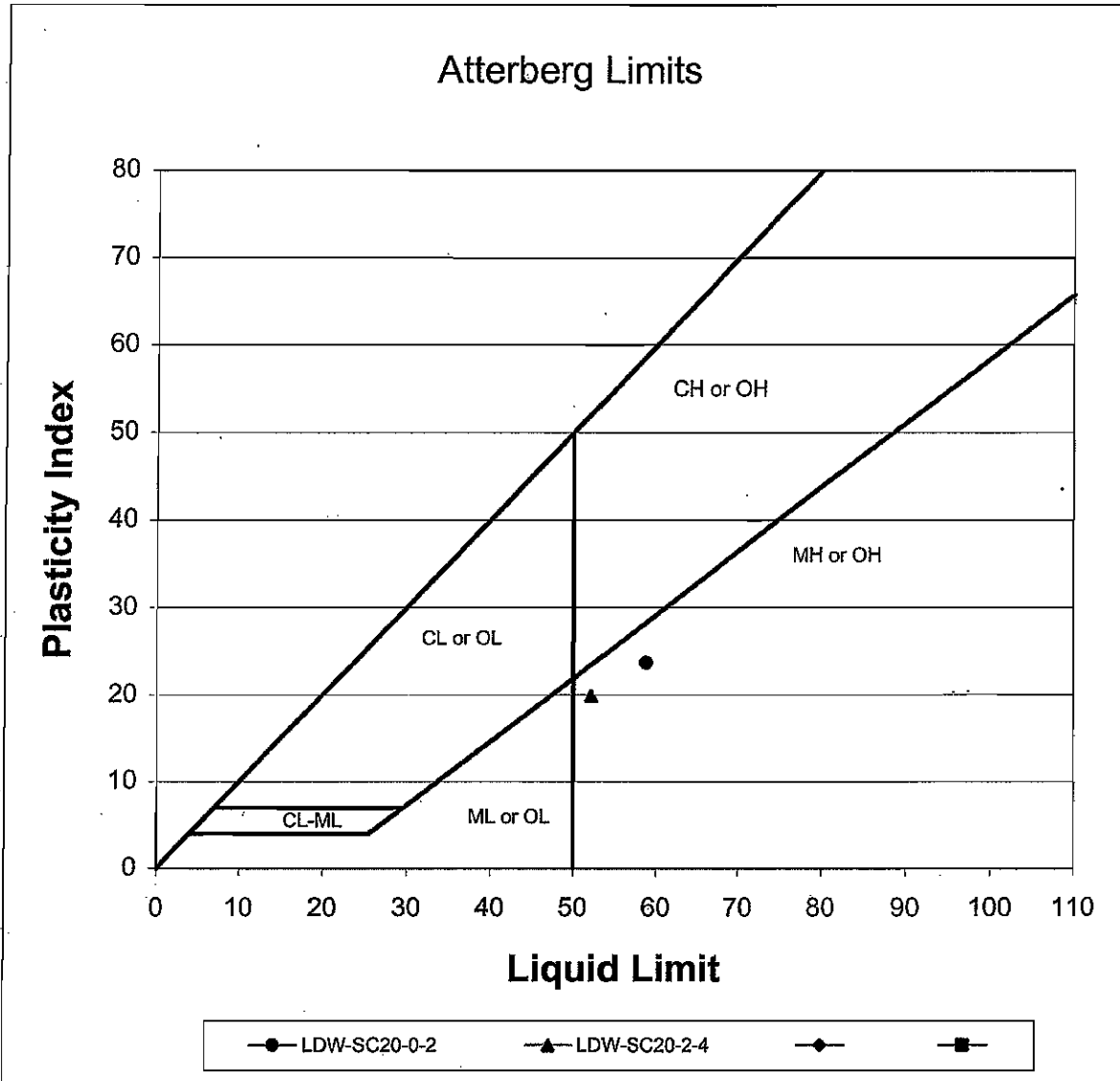
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC30-0-2.5	NA	NA	NA	NA	Non-plastic
LDW-SC30-2.5-4	NA	NA	NA	NA	Non-plastic

JB47



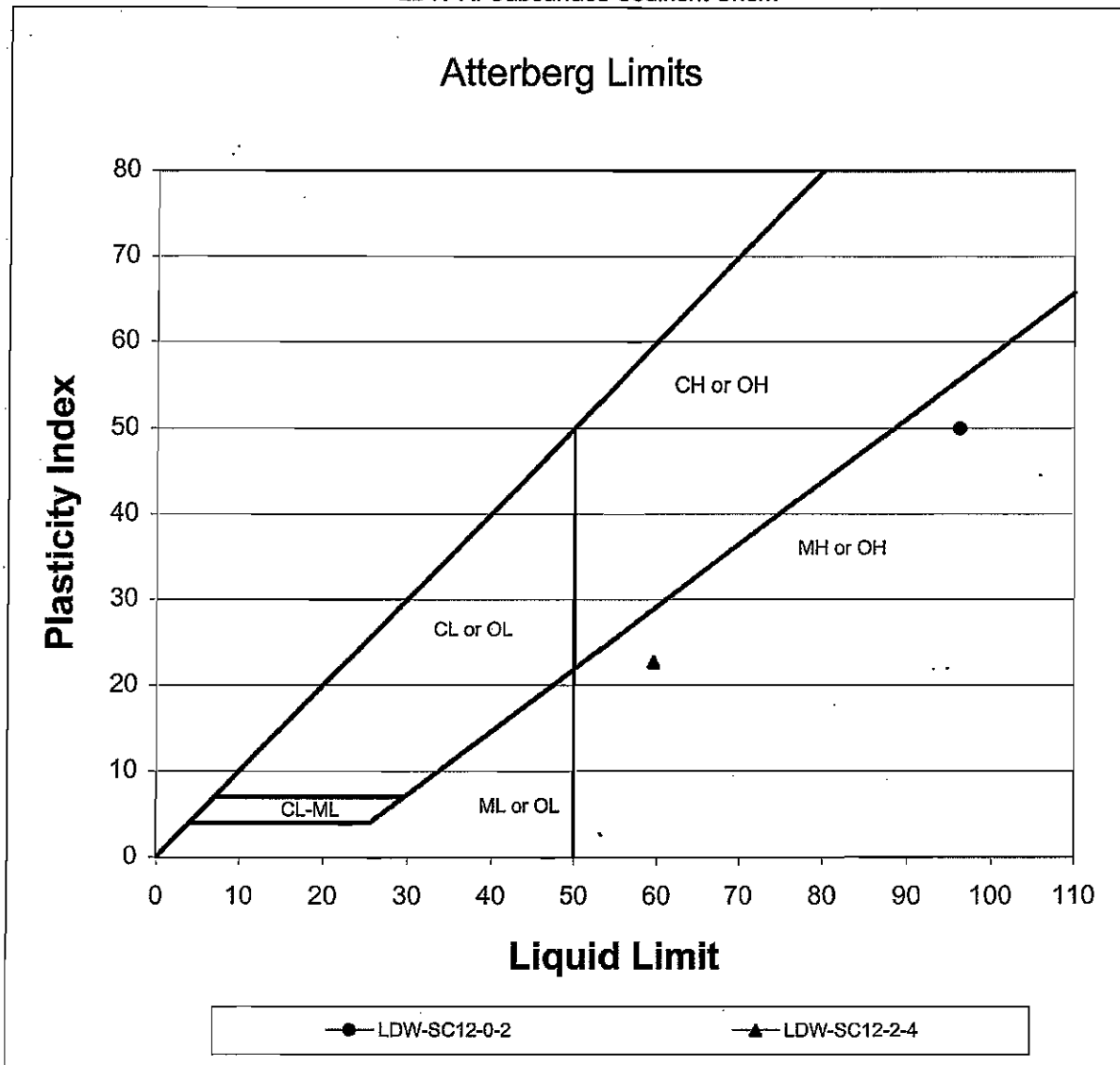
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC21-1-2	NA	45.4	86.7	41.3	OH
LDW-SC21-2-4	NA	33.9	72.3	38.4	OH
LDW-SC35-0-2	NA	26.6	61.6	35.0	OH
LDW-SC35-2-4	NA	32.8	68.5	35.7	OH

JB64



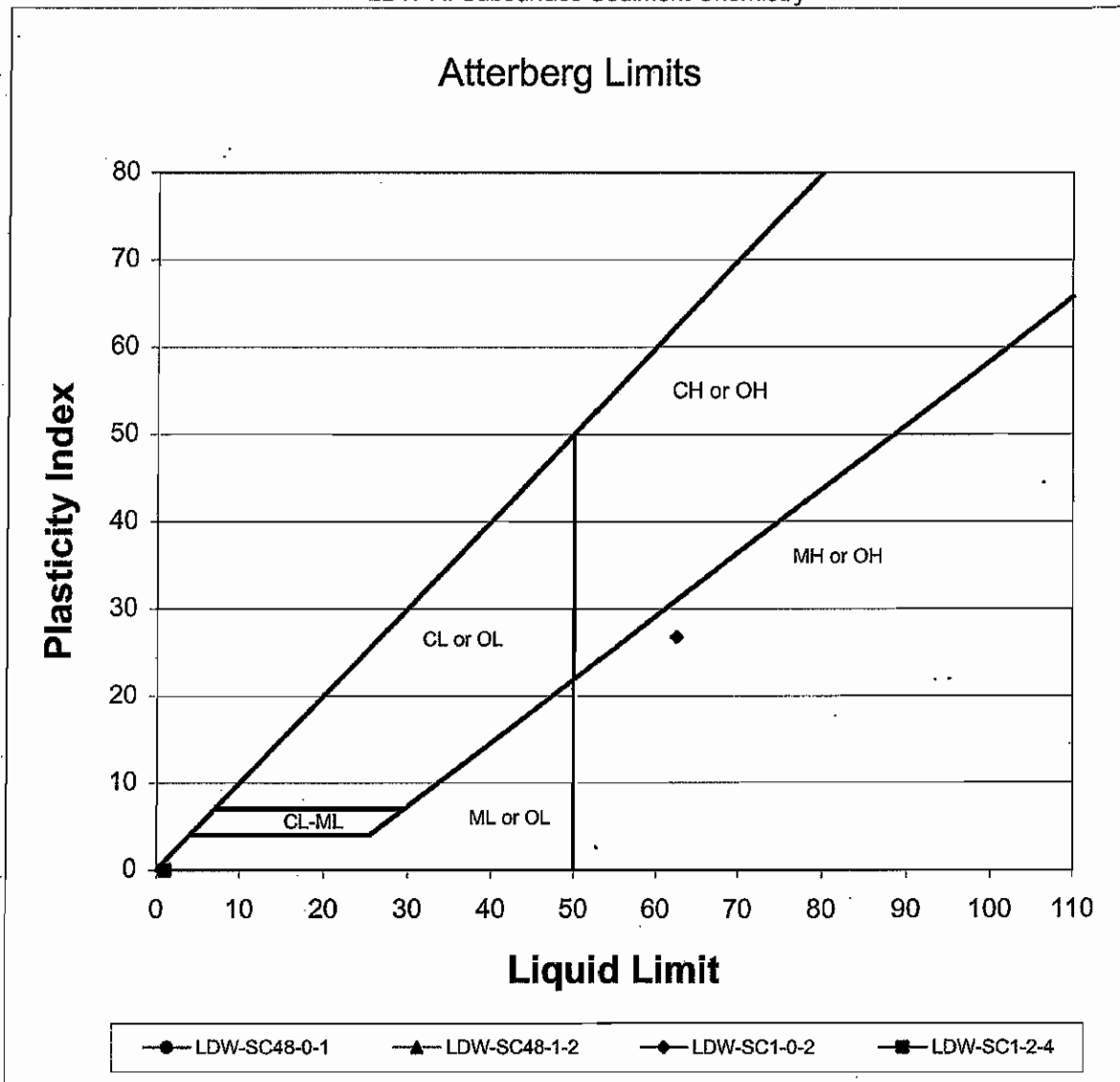
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC20-0-2	NA	23.7	58.8	35.1	OH
LDW-SC20-2-4	NA	19.9	52.2	32.2	OH

JB80



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC12-0-2	NA	49.9	96.2	46.3	OH
LDW-SC12-2-4	NA	22.8	59.6	36.8	OH

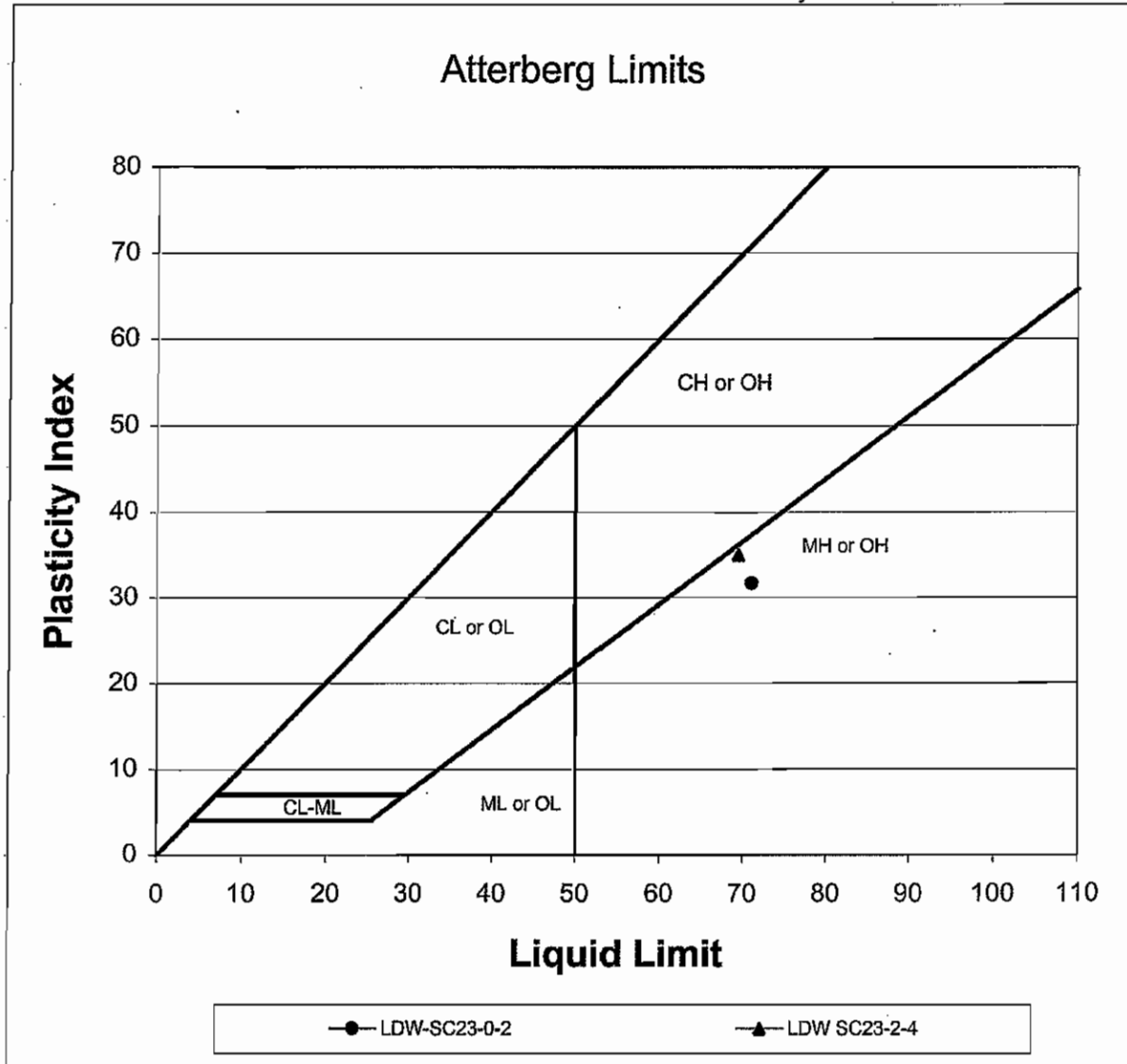
JB82



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC48-0-1	NA	NA	NA	NA	Non-plastic
LDW-SC48-1-2	NA	NA	NA	NA	Non-plastic
LDW-SC1-0-2	NA	26.8	62.5	35.7	MH
LDW-SC1-2-4	NA	NA	NA	NA	Non-plastic

JB90

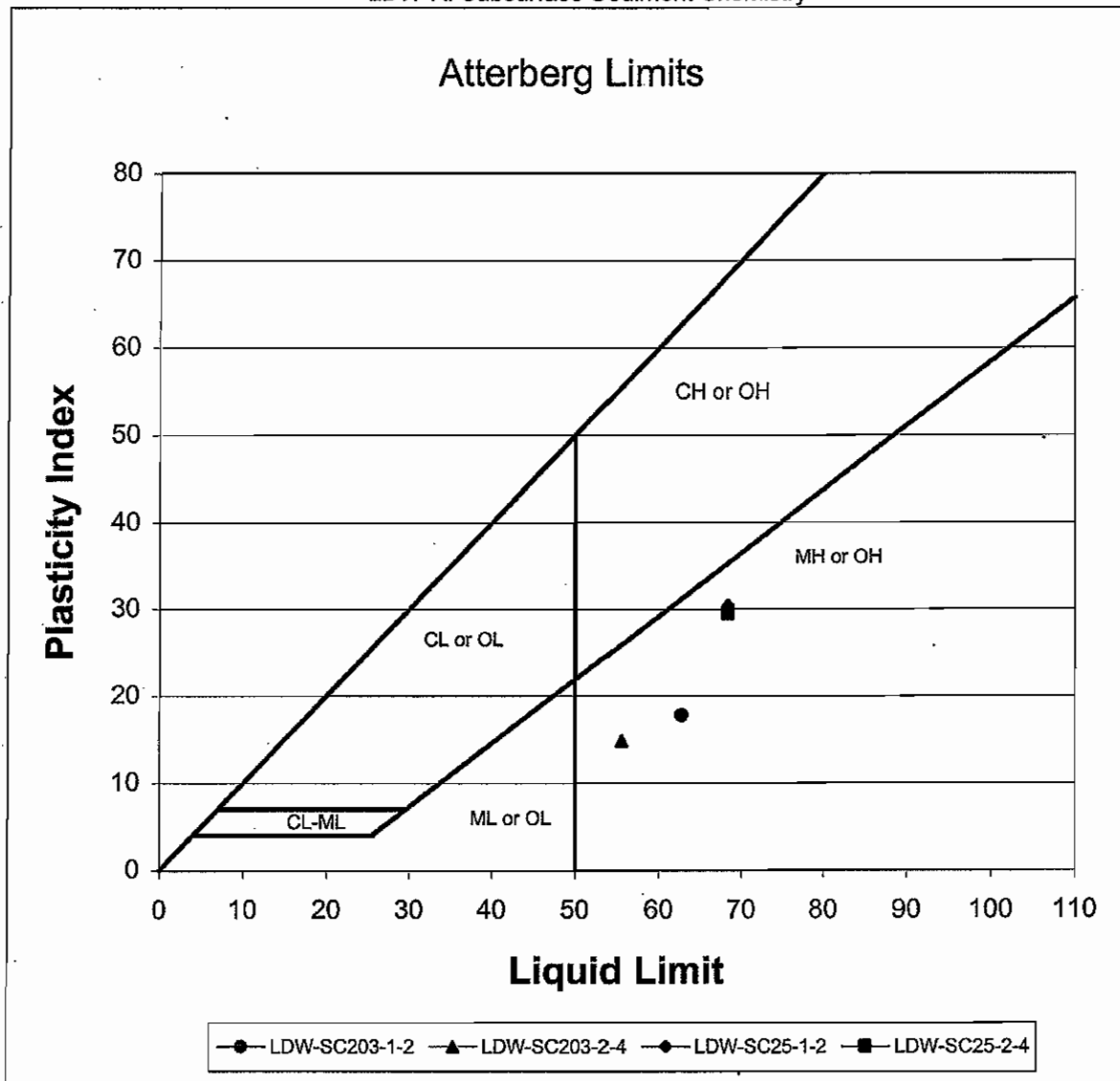
Windward Environmental
LDW RI -Subsurface Sediment Chemistry



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC23-0-2	NA	31.7	71.1	39.4	OH
LDW SC23-2-4	NA	35.0	69.5	34.5	OH

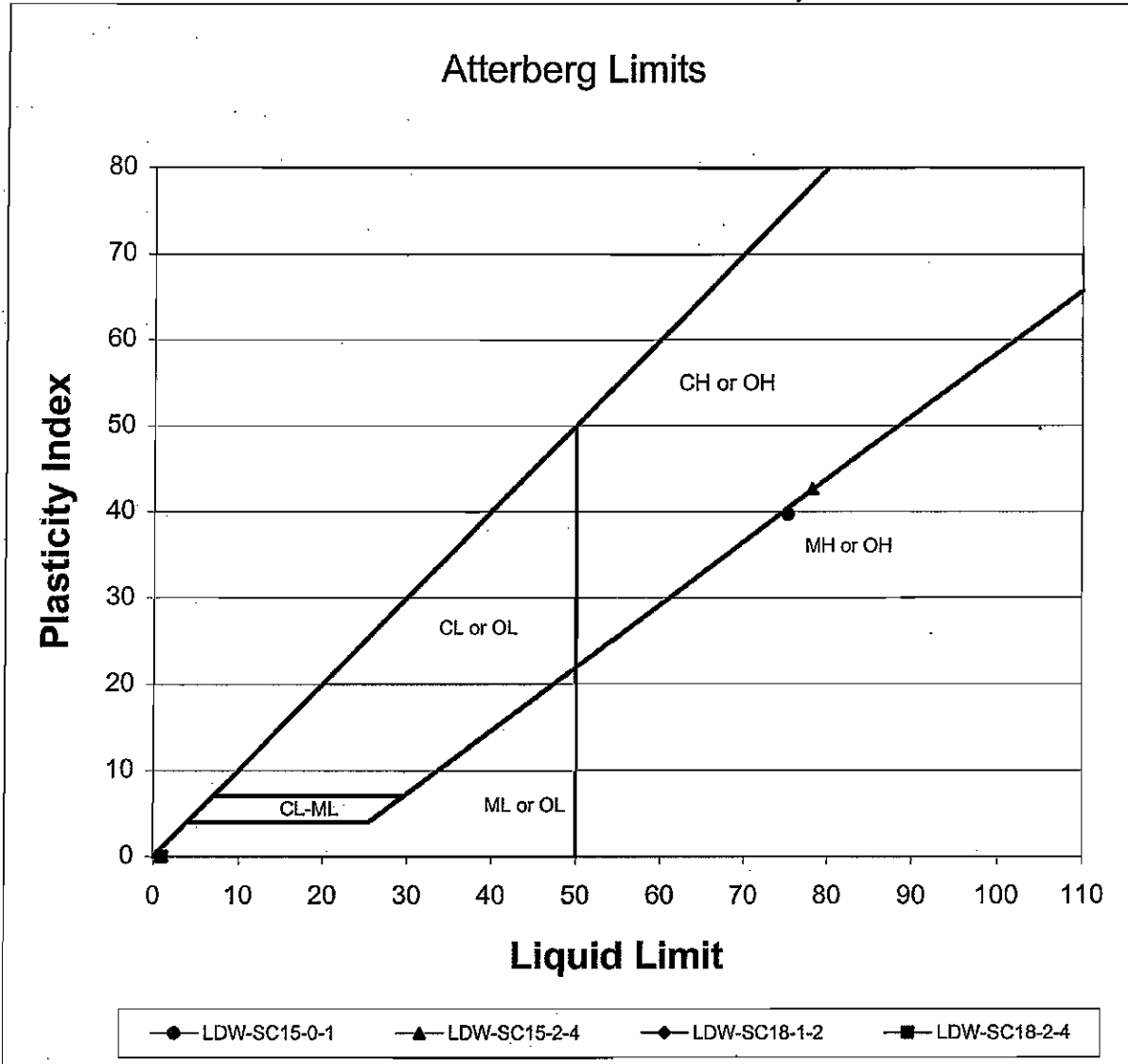
JB91

Windward Environmental, LLC
LDW-RI Subsurface Sediment Chemistry



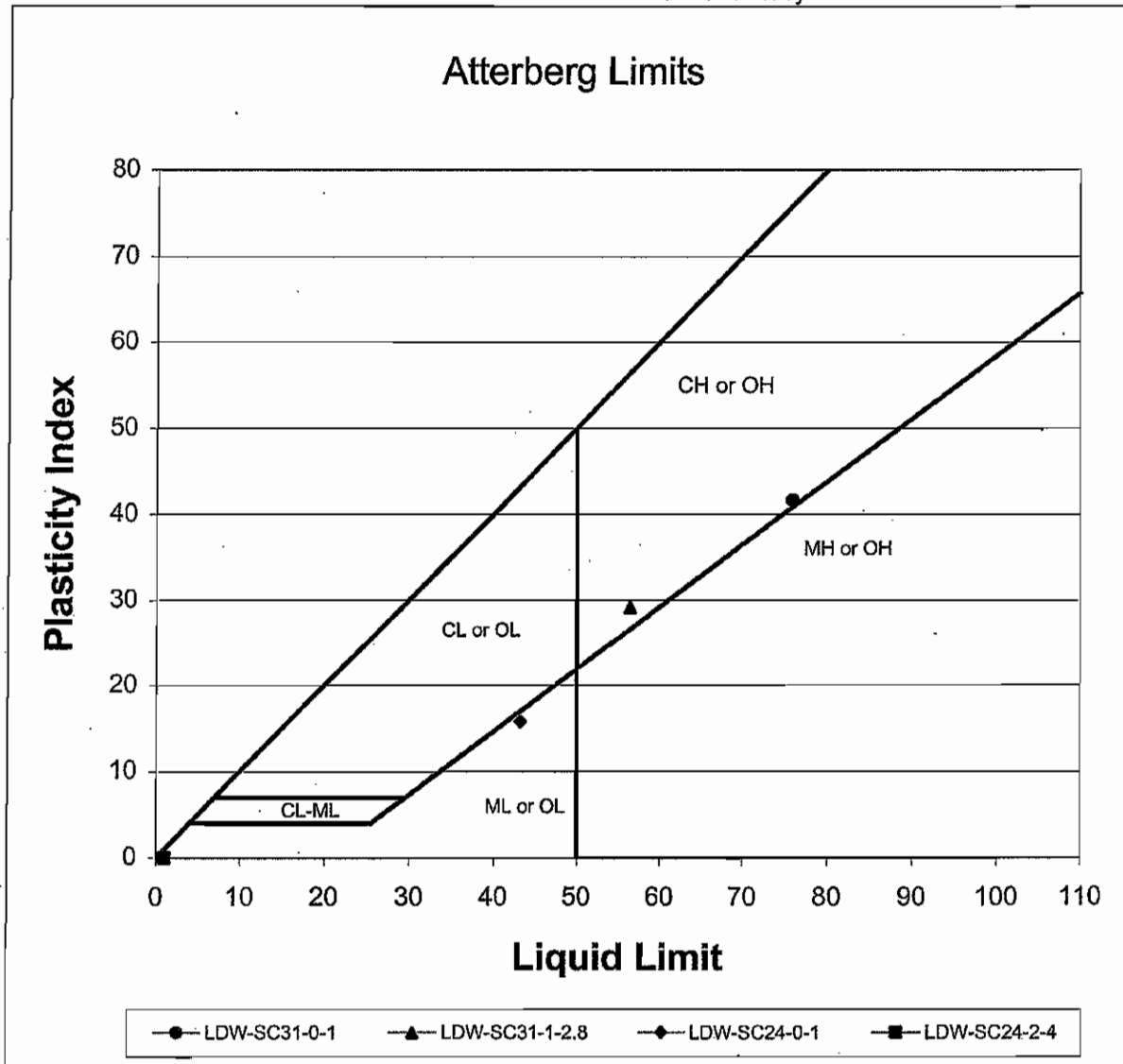
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC203-1-	0	17.8	62.7	44.9	MH
LDW-SC203-2-	0	14.8	55.5	40.7	MH
LDW-SC25-1-2	0	30.4	68.4	38.0	MH
LDW-SC25-2-4	0	29.5	68.3	38.8	MH

Windward Environmental, LLC
LDW-RI Subsurface Sediment Chemistry

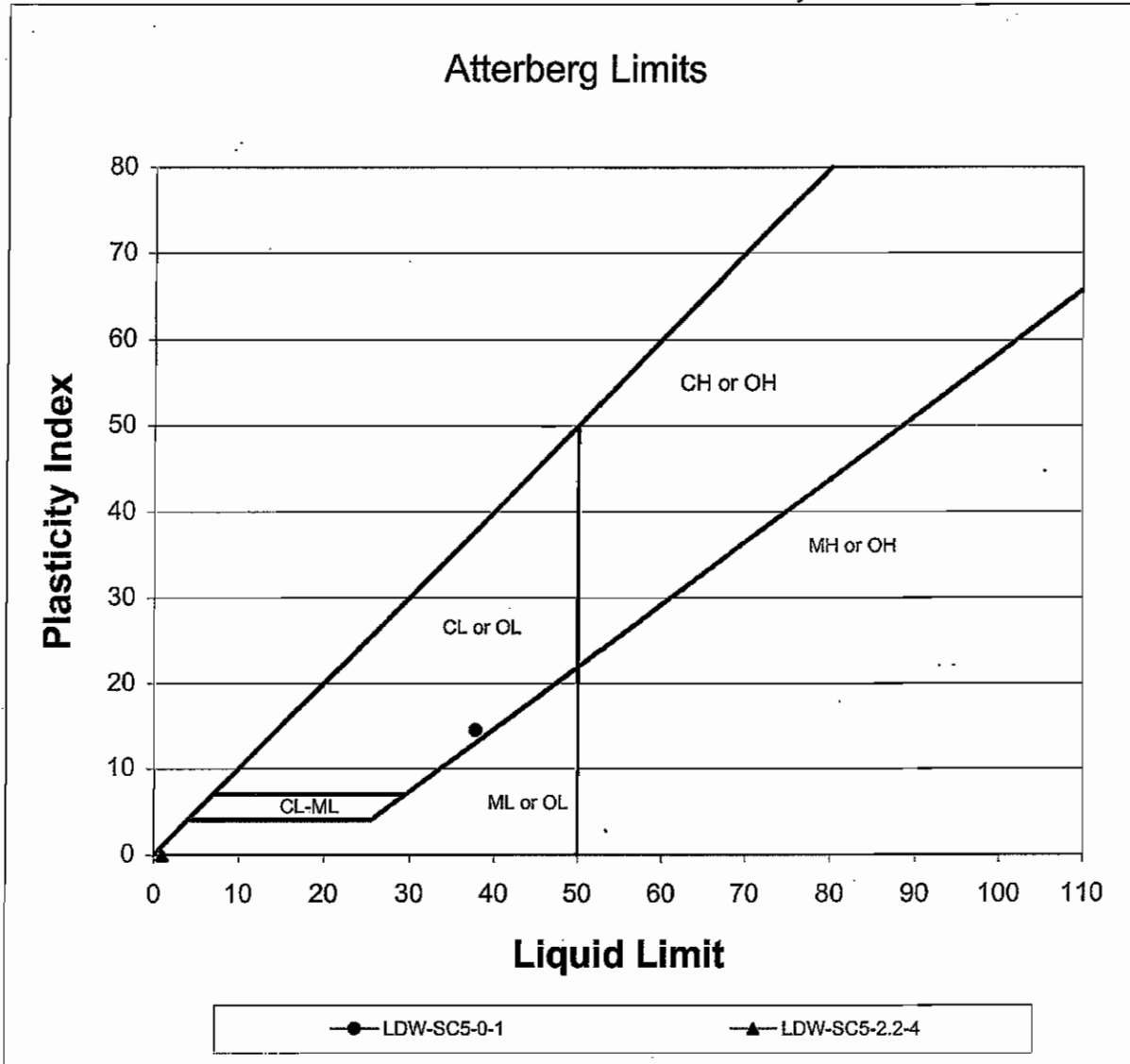


Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC15-0-1	NA	39.7	75.3	35.6	OH
LDW-SC15-2-4	NA	42.6	78.2	35.5	OH
LDW-SC18-1-2	NA	NA	NA	NA	Non-Plastic
LDW-SC18-2-4	NA	NA	NA	NA	Non-Plastic

Windward Environmental, LLC
LDW-RI Subsurface Sediment Chemistry



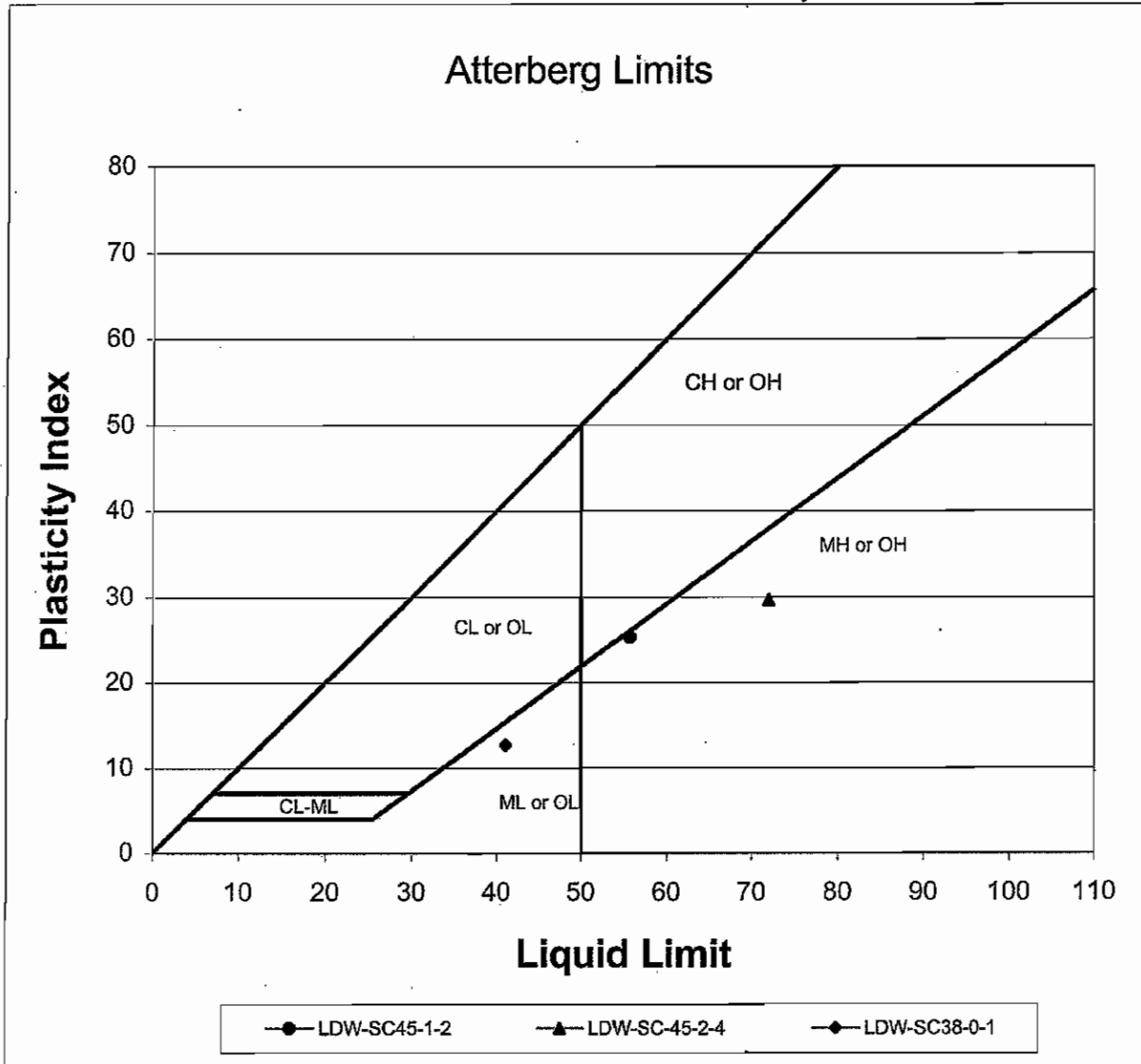
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC31-0-1	NA	41.6	75.9	34.3	OL
LDW-SC31-1-2.8	NA	29.2	56.4	27.2	OH
LDW-SC24-0-1	NA	15.7	43.2	27.5	CH
LDW-SC24-2-4	NA	NA	NA	NA	Non-Plastic



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC5-0-1	NA	14.5	37.8	23.3	CL
LDW-SC5-2.2-4	NA	NA	NA	NA	Non-plastic

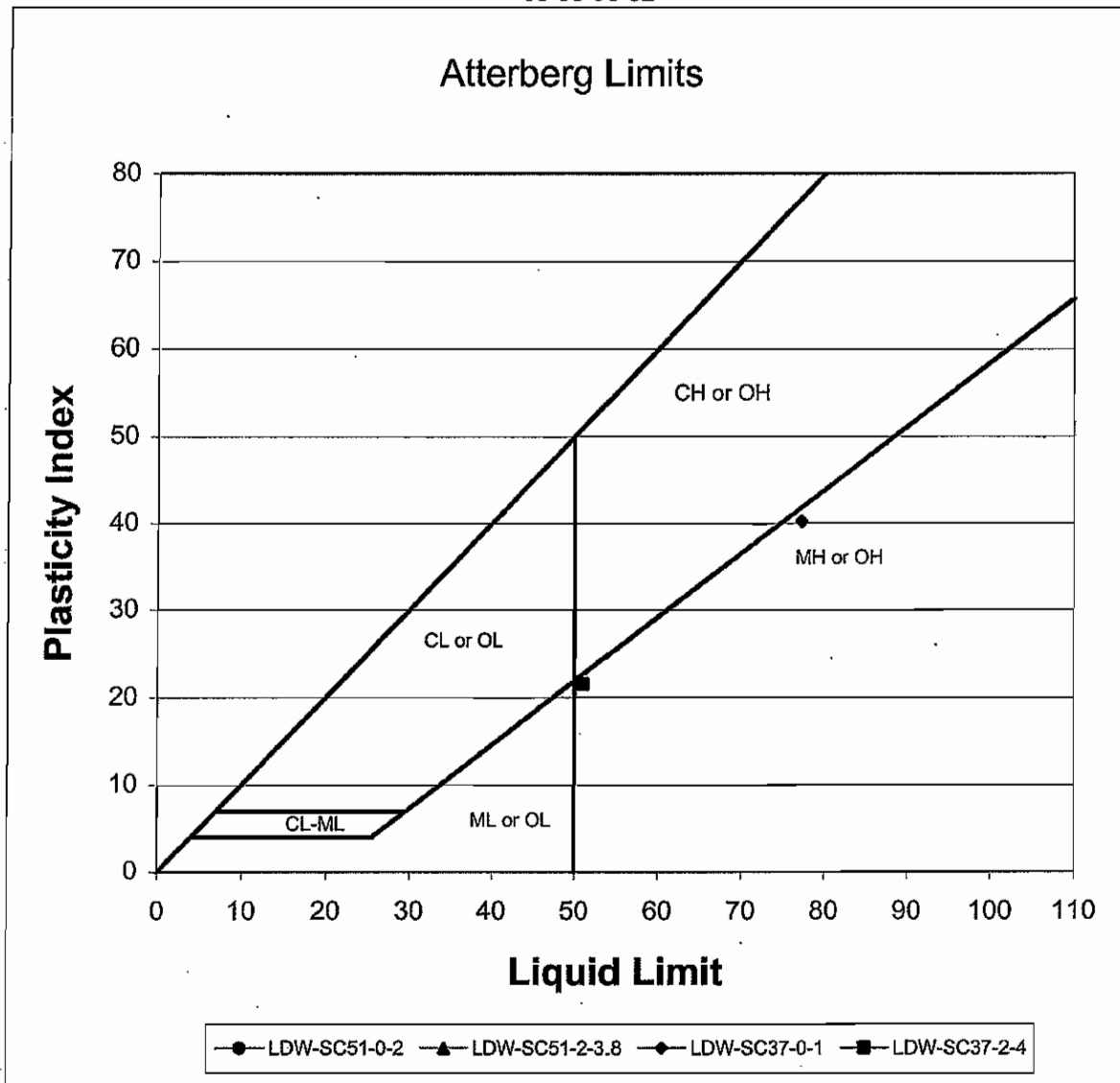
JC05

Windward Environmental, LLC
LDW-RI Subsurface Sediment Chemistry



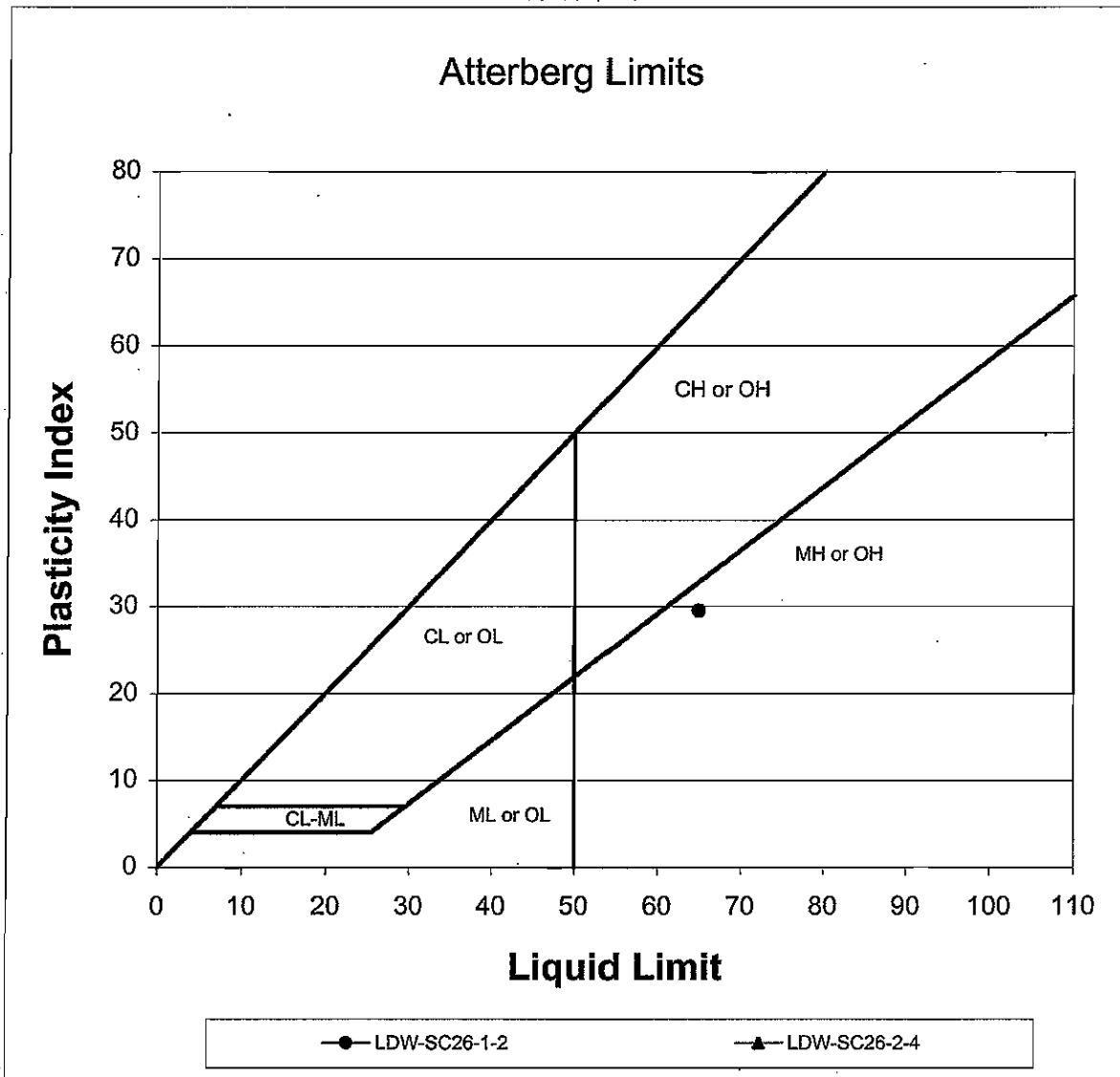
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC45-1-2	NA	25.4	55.7	30.4	OH
LDW-SC-45-2-4	NA	29.7	72.0	42.3	MH
LDW-SC38-0-1	NA	12.7	41.1	28.4	ML

Windward Environmental, LLC
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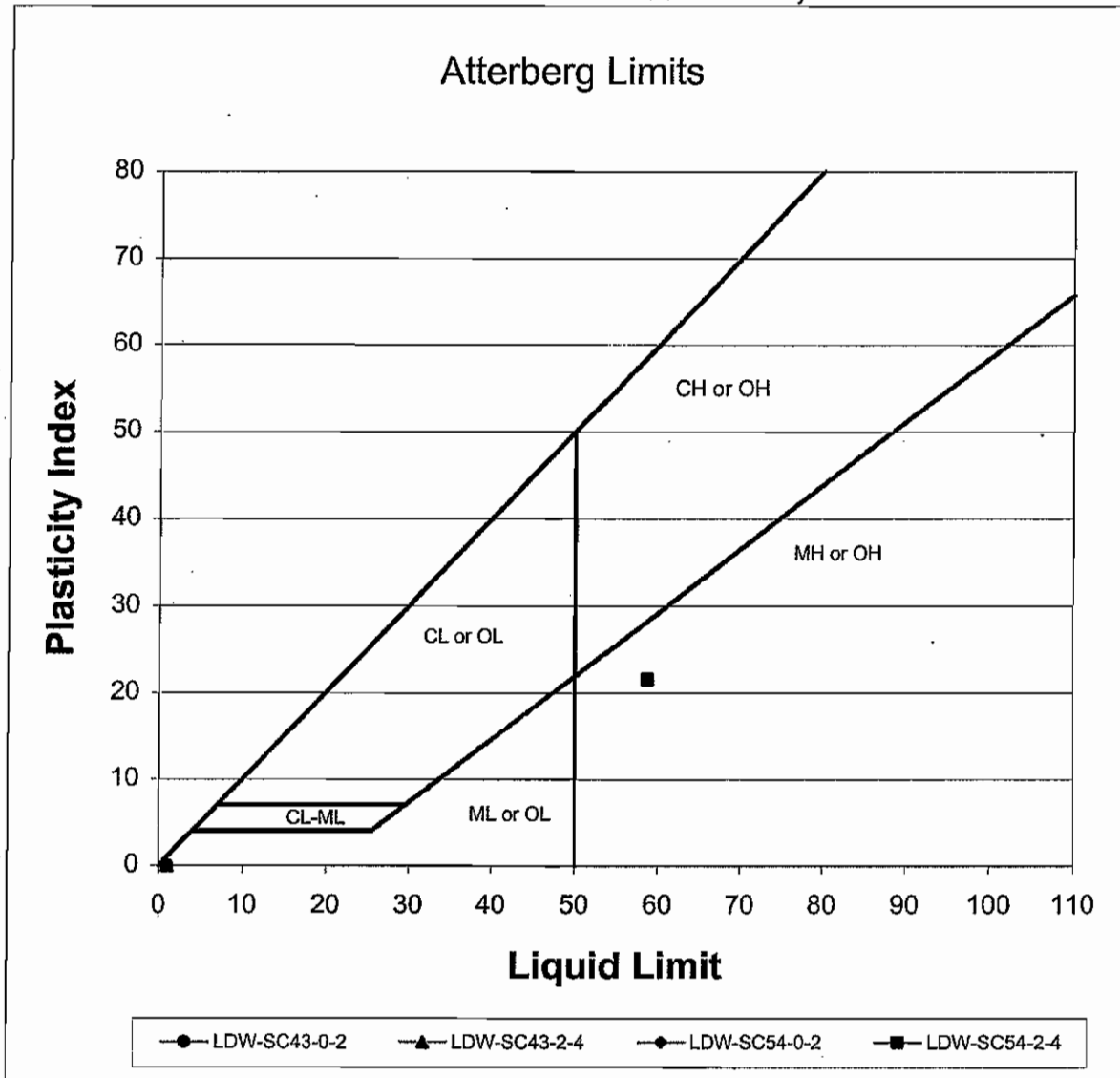
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC51-0-2	0				Non Plastic
LDW-SC51-2-3.	0				Non Plastic
LDW-SC37-0-1	0	40.2	77.3	37.1	OH
LDW-SC37-2-4	0	21.5	51.0	29.5	OH

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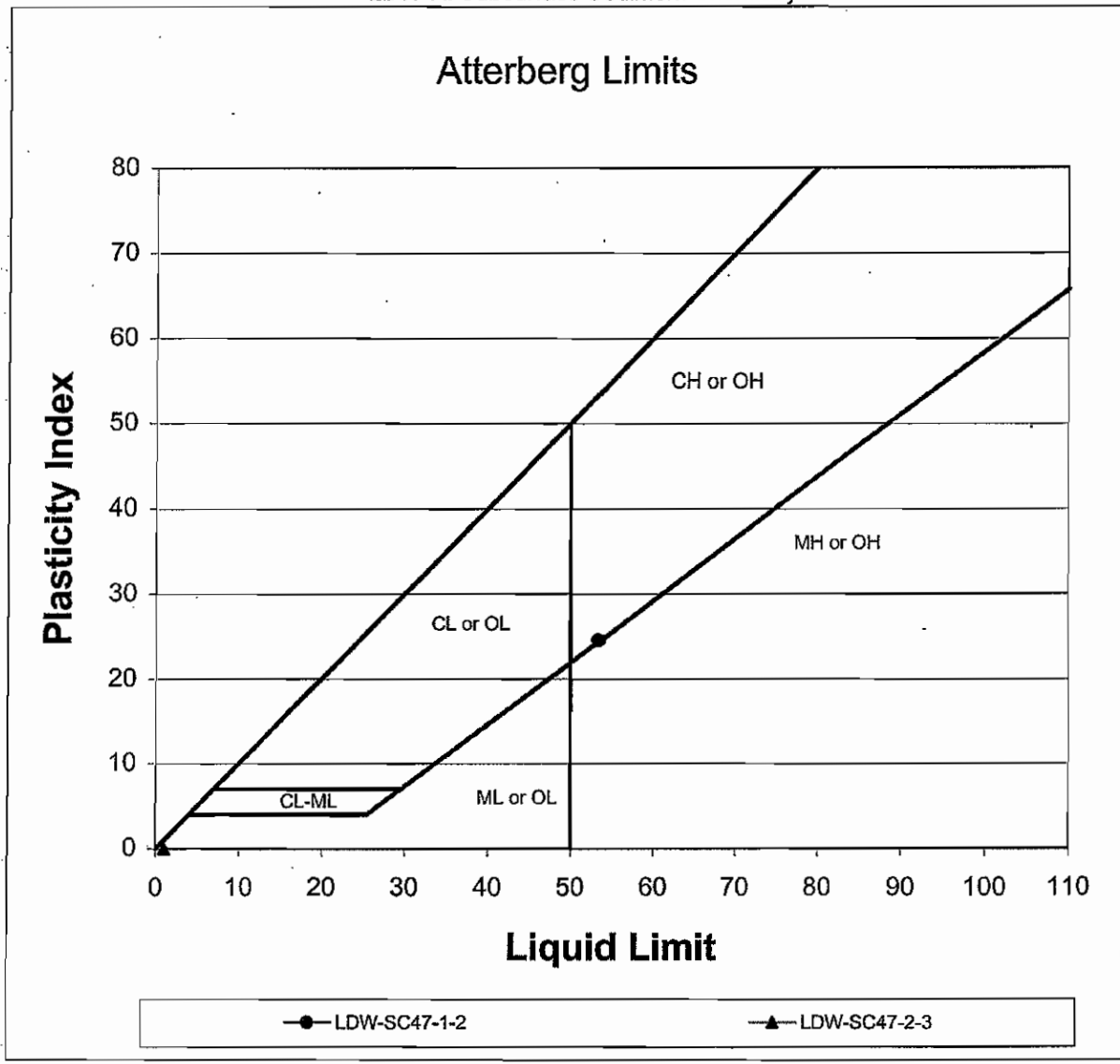
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC26-1-2		29.5	64.9	35.4	OH
LDW-SC26-2-4					Non-plastic

Windward Environmental, LLC
LDW-RI Subsurface Sediment Chemistry



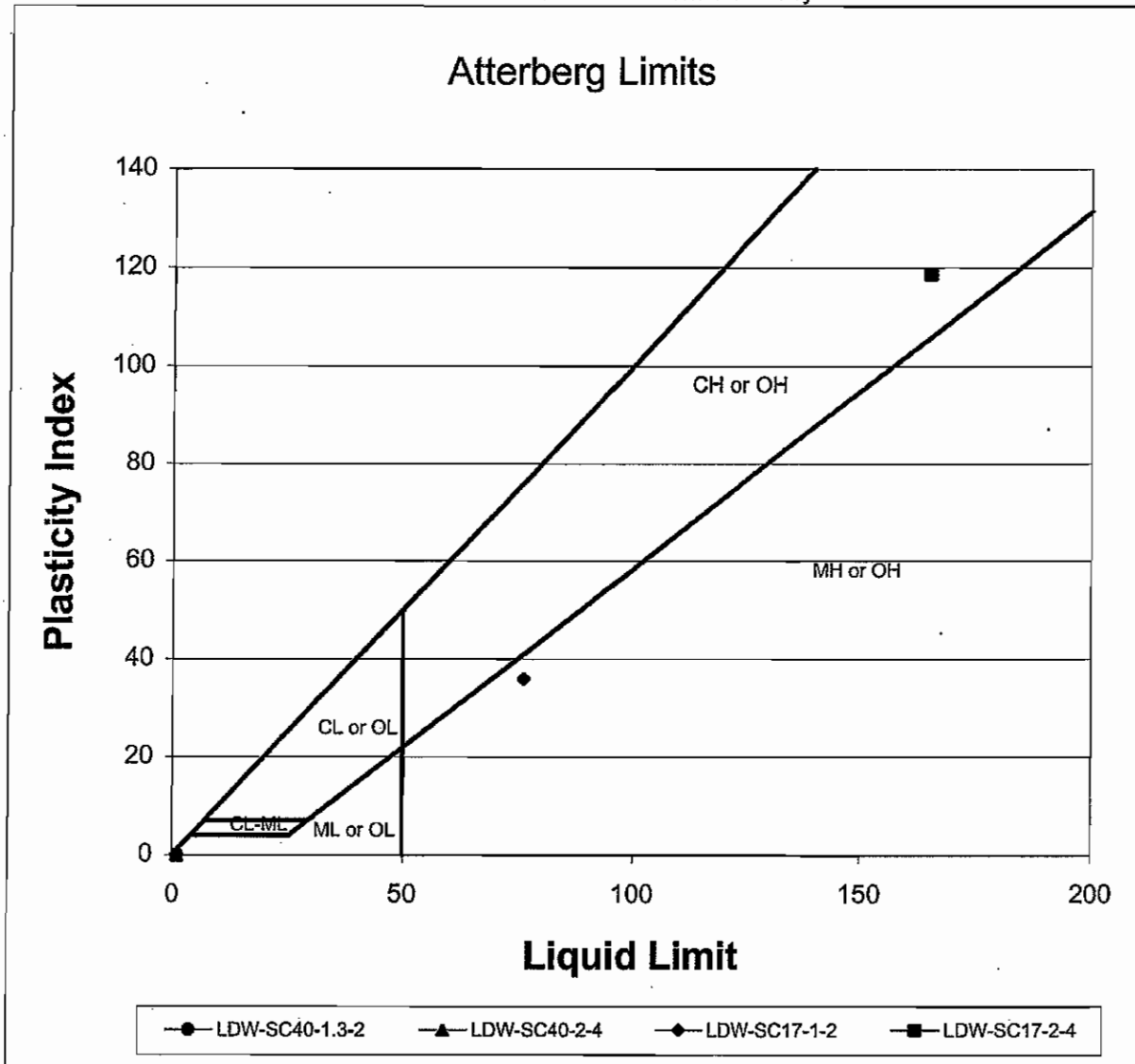
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC43-0-2	NA	NA	NA	NA	Non-Plastic
LDW-SC43-2-4	NA	NA	NA	NA	Non-Plastic
LDW-SC54-0-2	NA	NA	NA	NA	Non-Plastic
LDW-SC54-2-4	NA	21.5	58.7	37.1	OH

Windward Environmental, LLC
LDW-RI Subsurface Sediment Chemistry



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC47-1-2	NA	24.6	53.4	28.8	OH
LDW-SC47-2-3	NA	NA	NA	NA	Non-Plastic

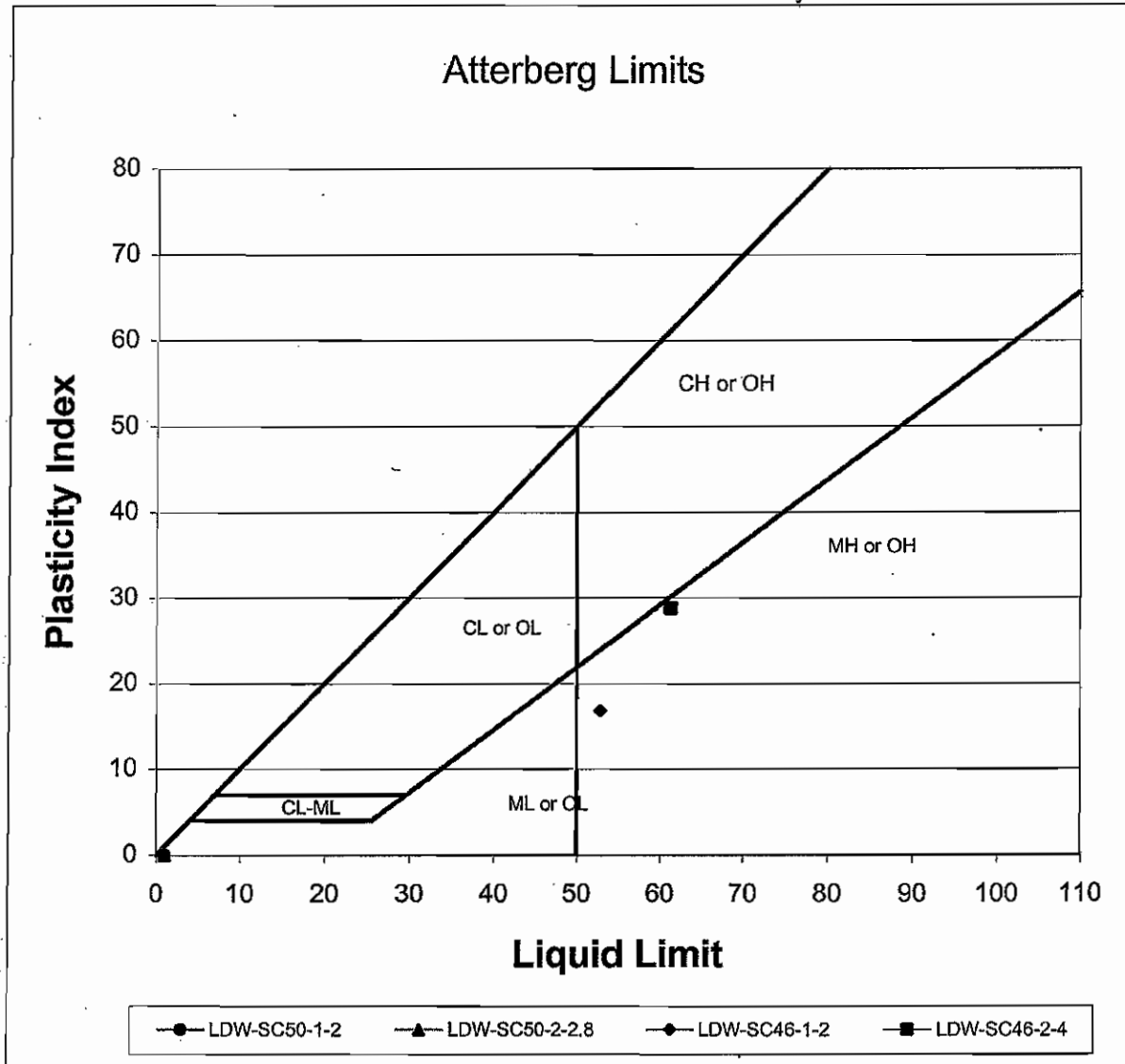
Windward Environmental, LLC
LDW-RI Subsurface Sediment Chemistry



Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC40-1.3-2	NA	NA	NA	NA	Non-Plastic
LDW-SC40-2-4	NA	NA	NA	NA	Non-Plastic
LDW-SC17-1-2	NA	35.9	76.1	40.2	OH
LDW-SC17-2-4	NA	118.6	165.0	46.4	OH*

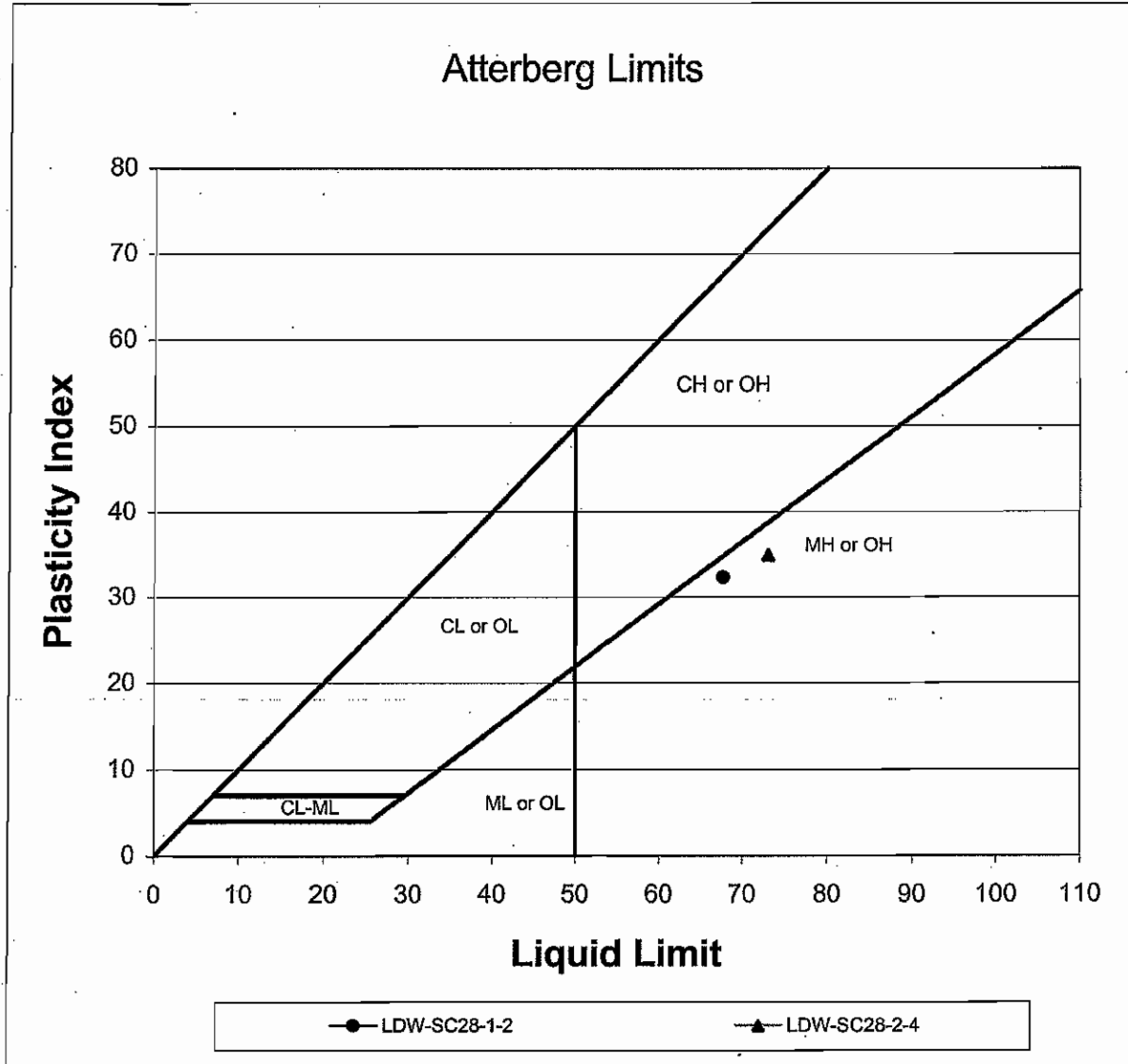
* Sample LDW-SC17-2-4 had a strong fuel odor, which may have affected the data.

Windward Environmental, LLC
LDW-RI Subsurface Sediment Chemistry



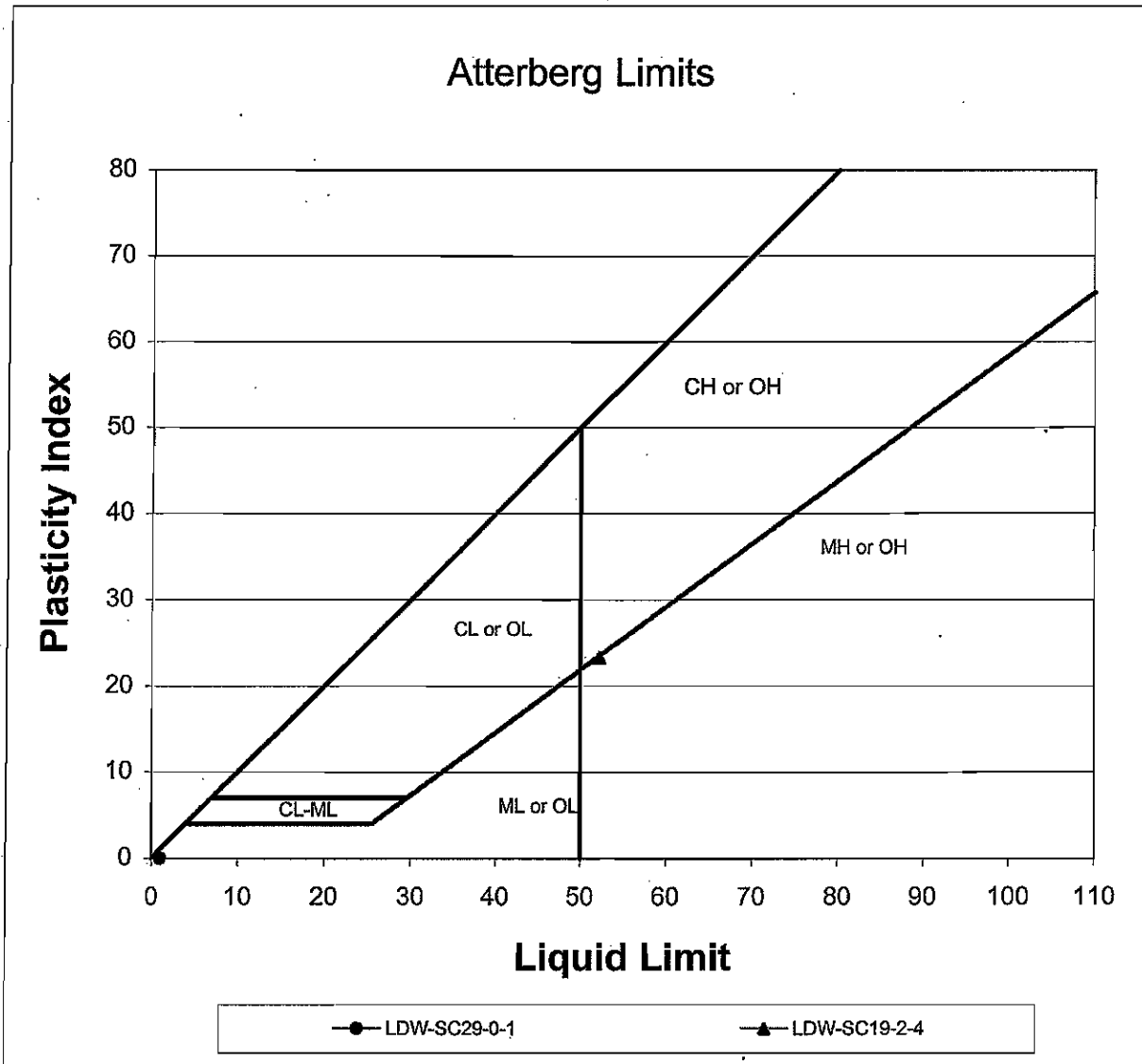
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC50-1-2	NA	NA	NA	NA	Non-Plastic
LDW-SC50-2-2.8	NA	NA	NA	NA	Non-Plastic
LDW-SC46-1-2	NA	16.8	52.9	36.1	OH
LDW-SC46-2-4	NA	28.8	61.3	32.5	OH

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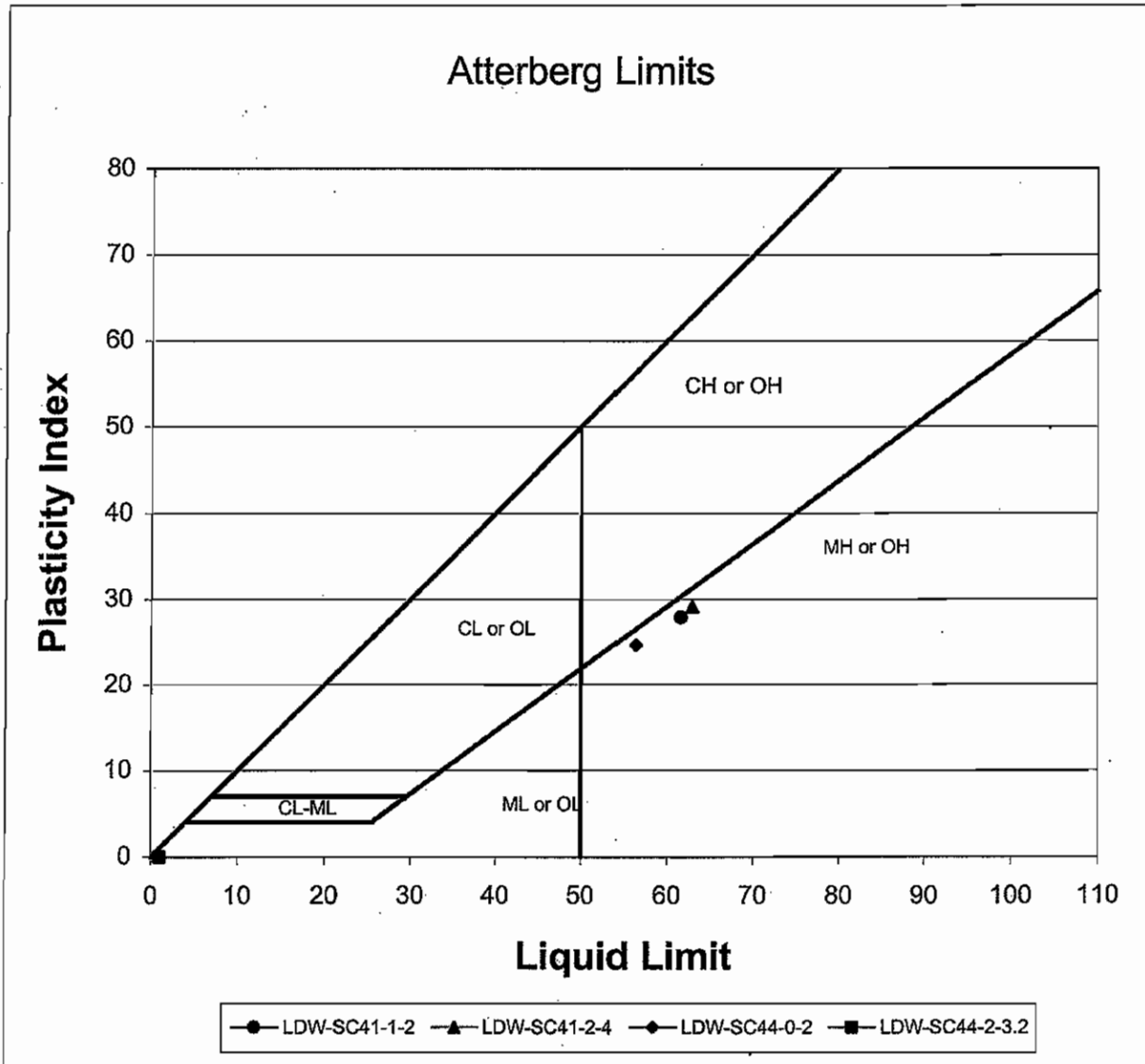
Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC28-1-2	NA	32.3	67.7	35.4	OH
LDW-SC28-2-4	NA	35.0	73.1	38.1	OH

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Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC29-0-1	NA	NA	NA	NA	Non-Plastic
LDW-SC19-2-4	NA	23.3	52.2	28.9	OH

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Sample Number	Depth	Plasticity Index	Liquid Limit	Plastic Limit	Classification
LDW-SC41-1-2	NA	27.9	61.6	33.7	OH
LDW-SC41-2-4	NA	29.2	62.9	33.7	OH
LDW-SC44-0-2	NA	24.6	56.4	31.7	OH
LDW-SC44-2-3.2	NA	NA	NA	NA	Non-Plastic

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QC Report No: JA36-Windward Environmental, LLC
Project: LDW-RI-Subsurface Sediment Chemistry
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC55-0-1 JA36A 06-1912	02/06/06	Sediment	02/09/06 12:00	0.42
LDW-SC55-1-2 JA36B 06-1913	02/06/06	Sediment	02/09/06 12:00	0.39
LDW-SC55-2-3 JA36C 06-1914	02/06/06	Sediment	02/09/06 12:00	0.48
LDW-SC49-0-1 JA36F 06-1917	02/06/06	Sediment	02/09/06 12:00	0.68
LDW-SC49-1-2 JA36G 06-1918	02/06/06	Sediment	02/09/06 12:00	0.66
LDW-SC49-2-4 JA36H 06-1919	02/06/06	Sediment	02/09/06 12:00	0.64

Reported in Std Units

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QC Report No: JA64-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chemistr
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC53-0-2 JA64A 06-2143	02/07/06	Sediment	02/14/06 12:00	0.74
LDW-SC53-2-4 JA64B 06-2144	02/07/06	Sediment	02/14/06 12:00	0.75
LDW-SC56-0-2 JA64Q 06-2159	02/07/06	Sediment	02/14/06 12:00	0.44

Reported in Std Units

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QC Report No: JA90-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC52-1-2 JA90C 06-2357	02/08/06	Sediment	02/14/06 12:00	0.61
LDW-SC52-2-4 JA90D 06-2358	02/08/06	Sediment	02/14/06 12:00	0.41
LDW-SC42-0-1 JA90F 06-2360	02/08/06	Sediment	02/14/06 12:00	0.75
LDW-SC42-2-4 JA90H 06-2362	02/08/06	Sediment	02/14/06 12:00	0.68
LDW-SC48-0-1 JA90M 06-2367	02/08/06	Sediment	02/14/06 12:00	0.75
LDW-SC48-1-2 JA90N 06-2368	02/08/06	Sediment	02/14/06 12:00	0.52

Reported in Std Units

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QC Report No: JB00-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem.
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC3-0-2 JB00S 06-2478	02/09/06	Sediment	02/20/06 12:00	0.47
LDW-SC3-2-4 JB00T 06-2479	02/09/06	Sediment	02/20/06 12:00	0.47

Reported in Std Units

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QC Report No: JB01-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC4-0-1 JB01P 06-2497	02/09/06	Sediment	02/20/06 12:00	0.68
LDW-SC4-1-2 JB01Q 06-2498	02/09/06	Sediment	02/20/06 12:00	0.58
LDW-SC2-2-4 JB01V 06-2503	02/09/06	Sediment	02/20/06 12:00	0.63

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



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QC Report No: JB20-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC6-0-2 JB20A 06-2573	02/10/06	Sediment	02/21/06 12:00	0.69
LDW-SC6-2-4.5 JB20B 06-2574	02/10/06	Sediment	02/21/06 12:00	0.60
LDW-SC8-0-1 JB20V 06-2594	02/10/06	Sediment	02/21/06 12:00	0.67
LDW-SC8-2-4 JB20X 06-2596	02/10/06	Sediment	02/21/06 12:00	0.67
LDW-SC7-0-1 JB20AB 06-2600	02/10/06	Sediment	02/21/06 12:00	0.67
LDW-SC7-1.7-4 JB20AD 06-2602	02/10/06	Sediment	02/21/06 12:00	0.34
LDW-SC10-0-1 JB20AH 06-2606	02/10/06	Sediment	02/21/06 12:00	0.69
LDW-SC10-2-4 JB20AJ 06-2608	02/10/06	Sediment	02/21/06 12:00	0.64

Reported in Std Units

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QC Report No: JB22-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC33-0-2 JB22A 06-2641	02/11/06	Sediment	02/23/06 12:00	0.68
LDW-SC33-2-4 JB22B 06-2642	02/11/06	Sediment	02/23/06 12:00	0.63

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



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QC Report No: JB30-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC13-0-2 JB30B 06-2803	02/13/06	Sediment	02/22/06 12:00	0.49
LDW-SC13-2-4 JB30C 06-2804	02/13/06	Sediment	02/22/06 12:00	0.76
LDW-SC9-0-1 JB30S 06-2820	02/13/06	Sediment	02/22/06 12:00	0.64
LDW-SC9-1-2.6 JB30T 06-2821	02/13/06	Sediment	02/22/06 12:00	0.69

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
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QC Report No: JB31-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC32-1-2 JB31B 06-2826	02/11/06	Sediment	02/24/06 12:00	0.81
LDW-SC32-2-4 JB31C 06-2827	02/11/06	Sediment	02/24/06 12:00	0.75
LDW-SC14-0-1.4 JB31H 06-2832	02/13/06	Sediment	02/24/06 12:00	0.68
LDW-SC14-2-4.1 JB31J 06-2834	02/13/06	Sediment	02/24/06 12:00	0.65
LDW-SC11-.8-2 JB31P 06-2840	02/13/06	Sediment	02/24/06 12:00	0.43

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



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QC Report No: JB46-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC22-0-1.1 JB46A 06-2916	02/14/06	Sediment	03/01/06 12:00	0.49
LDW-SC22-1.1-2 JB46B 06-2917	02/14/06	Sediment	03/01/06 12:00	0.46
LDW-SC16-0-2 JB46F 06-2921	02/14/06	Sediment	03/01/06 12:00	0.69
LDW-SC16-2-4 JB46G 06-2922	02/14/06	Sediment	03/01/06 12:00	0.79
LDW-SC27-0-2 JB46Y 06-2940	02/14/06	Sediment	03/01/06 12:00	0.61
LDW-SC27-2-4.5 JB46Z 06-2941	02/14/06	Sediment	03/01/06 12:00	0.63

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC30-0-2.5 JB47J 06-2957	02/14/06	Sediment	02/24/06 12:00	0.43
LDW-SC30-2.5-4 JB47K 06-2958	02/14/06	Sediment	02/24/06 12:00	0.43

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC21-1-2 JB64F 06-3076	02/15/06	Sediment	03/03/06 12:00	0.72
LDW-SC21-2-4 JB64G 06-3077	02/15/06	Sediment	03/03/06 12:00	0.70
LDW-SC35-0-2 JB64L 06-3082	02/15/06	Sediment	03/03/06 12:00	0.73
LDW-SC35-2-4 JB64M 06-3083	02/15/06	Sediment	03/03/06 12:00	0.65

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



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QC Report No: JB80-Windward Environmental, LLC
Project: LDW-RI-Subsurface Sediment Chem
04-08-06-24

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC20-0-2 JB80G 06-3223	02/15/06	Sediment	03/02/06 12:00	0.68
LDW-SC20-2-4 JB80H 06-3224	02/15/06	Sediment	03/02/06 12:00	0.65

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



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QC Report No: JB82-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC36-2-4 JB82C 06-3252	02/16/06	Sediment	03/03/06 12:00	0.54
LDW-SC202-2-4 JB82I 06-3258	02/16/06	Sediment	03/03/06 12:00	0.49
LDW-SC39-1-2 JB82N 06-3263	02/16/06	Sediment	03/03/06 12:00	0.40
LDW-SC39-2-4 JB82O 06-3264	02/16/06	Sediment	03/03/06 12:00	0.57
LDW-SC12-0-2 JB82S 06-3268	02/16/06	Sediment	03/03/06 12:00	0.76
LDW-SC12-2-4 JB82T 06-3269	02/16/06	Sediment	03/03/06 12:00	0.62

Reported in Std Units

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Porosity by Method CalcPor



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QC Report No: JB90-Windward Environmental, LLC
Project: LDW-RI-Subsurface Sediment Chem
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC1-0-2 JB90F 06-3306	02/09/06	Sediment	03/03/06 12:00	0.73
LDW-SC1-2-4 JB90G 06-3307	02/09/06	Sediment	03/03/06 12:00	0.43

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPer



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QC Report No: JB91-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC23-0-2 JB91C 06-3311	02/17/06	Sediment	03/13/06 12:00	0.69
LDW-SC23-2-4 JB91D 06-3312	02/17/06	Sediment	03/13/06 12:00	0.71

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



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QC Report No: JB96-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
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Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC203-1-2 JB96H 06-3349	02/18/06	Sediment	03/13/06 12:00	0.77
LDW-SC203-2-4 JB96I 06-3350	02/18/06	Sediment	03/13/06 12:00	0.63
LDW-SC25-1-2 JB96R 06-3359	02/18/06	Sediment	03/13/06 12:00	0.65
LDW-SC25-2-4 JB96S 06-3360	02/18/06	Sediment	03/13/06 12:00	0.70

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
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QC Report No: JB98-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC15-0-1 JB98A 06-3365	02/17/06	Sediment	03/17/06 12:00	0.71
LDW-SC15-2-4 JB98C 06-3367	02/17/06	Sediment	03/17/06 12:00	0.69
LDW-SC18-1-2 JB98H 06-3372	02/17/06	Sediment	03/17/06 12:00	0.47
LDW-SC18-2-4 JB98I 06-3373	02/17/06	Sediment	03/17/06 12:00	0.41
LDW-SC31-0-1 JB98M 06-3377	02/17/06	Sediment	03/17/06 12:00	0.73
LDW-SC31-1-2.8 JB98N 06-3378	02/17/06	Sediment	03/17/06 12:00	0.62
LDW-SC24-0-1 JB98Q 06-3381	02/17/06	Sediment	03/17/06 12:00	0.64
LDW-SC24-2-4 JB98S 06-3383	02/17/06	Sediment	03/17/06 12:00	0.49

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



Data Release Authorized:
Reported: 03/10/06
Date Received: 02/10/06
Page 1 of 1

QC Report No: JC05-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC5-0-1 JC05A 06-3421	02/10/06	Sediment	03/03/06 12:00	0.59
LDW-SC5-2.2-4 JC05C 06-3423	02/10/06	Sediment	03/03/06 12:00	0.39

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



Data Release Authorized:
Reported: 03/17/06
Date Received: 02/21/06
Page 1 of 1

QC Report No: JC10-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC45-1-2 JC10V 06-3474	02/21/06	Sediment	03/14/06 12:00	0.65
LDW-SC45-2-4 JC10W 06-3475	02/21/06	Sediment	03/14/06 12:00	0.70
LDW-SC38-0-1 JC10AT 06-3498	02/21/06	Sediment	03/14/06 12:00	0.55

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



Data Release Authorized: **HB**
Reported: 10/17/06
Date Received: 02/22/06
Page 1 of 1

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC51-0-2 JC21R 06-3590	02/22/06	Sediment	03/20/06 12:00	0.55
LDW-SC51-2-3.8 JC21S 06-3591	02/22/06	Sediment	03/20/06 12:00	0.56
LDW-SC37-0-1 JC21AG 06-3605	02/22/06	Sediment	03/20/06 12:00	0.69
LDW-SC37-2-4 JC21AI 06-3607	02/22/06	Sediment	03/20/06 12:00	0.64
LDW-SC26-1-2 JC21AM 06-3611	02/22/06	Sediment	03/20/06 12:00	0.68
LDW-SC26-2-4 JC21AN 06-3612	02/22/06	Sediment	03/20/06 12:00	0.57

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



Data Release Authorized:
Reported: 03/21/06
Date Received: 02/23/06
Page 1 of 1

QC Report No: JC32-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC43-0-2 JC32A 06-3681	02/23/06	Sediment	03/21/06 12:00	0.47
LDW-SC43-2-4 JC32B 06-3682	02/23/06	Sediment	03/21/06 12:00	0.46
LDW-SC54-0-2 JC32R 06-3698	02/23/06	Sediment	03/21/06 12:00	0.71
LDW-SC54-2-4 JC32S 06-3699	02/23/06	Sediment	03/21/06 12:00	0.62
LDW-SC47-1-2 JC32AJ 06-3716	02/23/06	Sediment	03/21/06 12:00	0.62
LDW-SC47-2-3 JC32AK 06-3717	02/23/06	Sediment	03/21/06 12:00	0.56

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



Data Release Authorized:
Reported: 03/21/06
Date Received: 02/24/06
Page 1 of 1

QC Report No: JC42-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC40-1.3-2 JC42B 06-3817	02/24/06	Sediment	03/21/06 12:00	0.45
LDW-SC40-2-4 JC42C 06-3818	02/24/06	Sediment	03/21/06 12:00	0.46
LDW-SC17-1-2 JC42H 06-3823	02/24/06	Sediment	03/21/06 12:00	0.68
LDW-SC17-2-4 JC42I 06-3824	02/24/06	Sediment	03/21/06 12:00	0.76
LDW-SC50-1-2 JC42M 06-3828	02/24/06	Sediment	03/21/06 12:00	0.56
LDW-SC50-2-2.8 JC42N 06-3829	02/24/06	Sediment	03/21/06 12:00	0.54
LDW-SC46-1-2 JC42AA 06-3842	02/24/06	Sediment	03/21/06 12:00	0.62
LDW-SC46-2-4 JC42AB 06-3843	02/24/06	Sediment	03/21/06 12:00	0.62

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



Data Release Authorized:
Reported: 03/22/06
Date Received: 02/27/06
Page 1 of 1

QC Report No: JC48-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC28-1-2 JC48B 06-3864	02/25/06	Sediment	03/22/06 12:00	0.68
LDW-SC28-2-4 JC48C 06-3865	02/25/06	Sediment	03/22/06 12:00	0.72

Reported in Std Units

GEOTECHNICAL ANALYSIS DATA SHEET
Porosity by Method CalcPor



Data Release Authorized:
Reported: 03/22/06
Date Received: 02/21/06
Page 1 of 1

QC Report No: JC95-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
LDW-SC41-1-2 JC95B 06-4141	02/21/06	Sediment	03/22/06 12:00	0.72
LDW-SC41-2-4 JC95C 06-4142	02/21/06	Sediment	03/22/06 12:00	0.69
LDW-SC44-0-2 JC95D 06-4143	02/21/06	Sediment	03/22/06 12:00	0.66
LDW-SC44-2-3.2 JC95E 06-4144	02/21/06	Sediment	03/22/06 12:00	0.36
LDW-SC29-0-1 JC95G 06-4146	02/21/06	Sediment	03/22/06 12:00	0.41
LDW-SC19-2-4 JC95L 06-4151	02/24/06	Sediment	03/22/06 12:00	0.61

Reported in Std Units

E-11 VOCs

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-0-1

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SAMPLE

Lab Sample ID: JC21F

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3578

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Data Release Authorized: *M*

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM

Sample Amount: 2.53 g-dry-wt

Date Analyzed: 03/01/06 15:22

Purge Volume: 5.0 mL

Moisture: 49.3%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	2.0	< 2.0	U
74-83-9	Bromomethane	2.0	< 2.0	U
75-01-4	Vinyl Chloride	2.0	< 2.0	U
75-00-3	Chloroethane	2.0	< 2.0	U
75-09-2	Methylene Chloride	4.0	< 4.0	U
67-64-1	Acetone	9.9	59	
75-15-0	Carbon Disulfide	2.0	< 2.0	U
75-35-4	1,1-Dichloroethene	2.0	< 2.0	U
75-34-3	1,1-Dichloroethane	2.0	< 2.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0	U
67-66-3	Chloroform	2.0	< 2.0	U
107-06-2	1,2-Dichloroethane	2.0	< 2.0	U
78-93-3	2-Butanone	9.9	21	
71-55-6	1,1,1-Trichloroethane	2.0	< 2.0	U
56-23-5	Carbon Tetrachloride	2.0	< 2.0	U
108-05-4	Vinyl Acetate	9.9	< 9.9	U
75-27-4	Bromodichloromethane	2.0	< 2.0	U
78-87-5	1,2-Dichloropropane	2.0	< 2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0	U
79-01-6	Trichloroethene	2.0	< 2.0	U
124-48-1	Dibromochloromethane	2.0	< 2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0	U
71-43-2	Benzene	2.0	< 2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0	U
110-75-8	2-Chloroethylvinylether	9.9	< 9.9	U
75-25-2	Bromoform	2.0	< 2.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	9.9	< 9.9	U
591-78-6	2-Hexanone	9.9	< 9.9	U
127-18-4	Tetrachloroethene	2.0	< 2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0	U
108-88-3	Toluene	2.0	< 2.0	U
108-90-7	Chlorobenzene	2.0	< 2.0	U
100-41-4	Ethylbenzene	2.0	< 2.0	U
100-42-5	Styrene	2.0	< 2.0	U
75-69-4	Trichlorofluoromethane	2.0	< 2.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	< 4.0	U
1330-20-7	m,p-Xylene	2.0	< 2.0	U
95-47-6	o-Xylene	2.0	< 2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	< 2.0	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-0-1

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SAMPLE

Lab Sample ID: JC21F

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3578

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Date Analyzed: 03/01/06 15:22

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	2.0	< 2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	< 2.0	U
107-02-8	Acrolein	99	< 99	U
74-88-4	Methyl Iodide	2.0	< 2.0	U
74-96-4	Bromoethane	4.0	< 4.0	U
107-13-1	Acrylonitrile	9.9	< 9.9	U
563-58-6	1,1-Dichloropropene	2.0	< 2.0	U
74-95-3	Dibromomethane	2.0	< 2.0	U
630-20-6	1,1,1,2-Tetrachloroethane	2.0	< 2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	9.9	< 9.9	U
96-18-4	1,2,3-Trichloropropane	4.0	< 4.0	U
110-57-6	trans-1,4-Dichloro-2-butene	9.9	< 9.9	U
108-67-8	1,3,5-Trimethylbenzene	2.0	< 2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	< 2.0	U
87-68-3	Hexachlorobutadiene	9.9	< 9.9	U
106-93-4	Ethylene Dibromide	2.0	< 2.0	U
74-97-5	Bromochloromethane	2.0	< 2.0	U
594-20-7	2,2-Dichloropropane	2.0	< 2.0	U
142-28-9	1,3-Dichloropropane	2.0	< 2.0	U
98-82-8	Isopropylbenzene	2.0	< 2.0	U
103-65-1	n-Propylbenzene	2.0	< 2.0	U
108-86-1	Bromobenzene	2.0	< 2.0	U
95-49-8	2-Chlorotoluene	2.0	< 2.0	U
106-43-4	4-Chlorotoluene	2.0	< 2.0	U
98-06-6	tert-Butylbenzene	2.0	< 2.0	U
135-98-8	sec-Butylbenzene	2.0	< 2.0	U
99-87-6	4-Isopropyltoluene	2.0	< 2.0	U
104-51-8	n-Butylbenzene	2.0	< 2.0	U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9	U
91-20-3	Naphthalene	9.9	< 9.9	U
87-61-6	1,2,3-Trichlorobenzene	9.9	< 9.9	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	104%
d8-Toluene	102%
Bromofluorobenzene	92.1%
d4-1,2-Dichlorobenzene	89.7%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-1-2

Page 1 of 2

SAMPLE

Lab Sample ID: JC21G


QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3579

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Data Release Authorized: 

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM

Sample Amount: 3.00 g-dry-wt

Date Analyzed: 03/01/06 15:51

Purge Volume: 5.0 mL

Moisture: 41.8%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.7	< 1.7	U
74-83-9	Bromomethane	1.7	< 1.7	U
75-01-4	Vinyl Chloride	1.7	< 1.7	U
75-00-3	Chloroethane	1.7	< 1.7	U
75-09-2	Methylene Chloride	3.3	< 3.3	U
67-64-1	Acetone	8.3	40	
75-15-0	Carbon Disulfide	1.7	4.0	
75-35-4	1,1-Dichloroethene	1.7	< 1.7	U
75-34-3	1,1-Dichloroethane	1.7	< 1.7	U
156-60-5	trans-1,2-Dichloroethene	1.7	< 1.7	U
156-59-2	cis-1,2-Dichloroethene	1.7	< 1.7	U
67-66-3	Chloroform	1.7	< 1.7	U
107-06-2	1,2-Dichloroethane	1.7	< 1.7	U
78-93-3	2-Butanone	8.3	13	
71-55-6	1,1,1-Trichloroethane	1.7	< 1.7	U
56-23-5	Carbon Tetrachloride	1.7	< 1.7	U
108-05-4	Vinyl Acetate	8.3	< 8.3	U
75-27-4	Bromodichloromethane	1.7	< 1.7	U
78-87-5	1,2-Dichloropropane	1.7	< 1.7	U
10061-01-5	cis-1,3-Dichloropropene	1.7	< 1.7	U
79-01-6	Trichloroethene	1.7	< 1.7	U
124-48-1	Dibromochloromethane	1.7	< 1.7	U
79-00-5	1,1,2-Trichloroethane	1.7	< 1.7	U
71-43-2	Benzene	1.7	< 1.7	U
10061-02-6	trans-1,3-Dichloropropene	1.7	< 1.7	U
110-75-8	2-Chloroethylvinylether	8.3	< 8.3	U
75-25-2	Bromoform	1.7	< 1.7	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	8.3	< 8.3	U
591-78-6	2-Hexanone	8.3	< 8.3	U
127-18-4	Tetrachloroethene	1.7	< 1.7	U
79-34-5	1,1,2,2-Tetrachloroethane	1.7	< 1.7	U
108-88-3	Toluene	1.7	< 1.7	U
108-90-7	Chlorobenzene	1.7	< 1.7	U
100-41-4	Ethylbenzene	1.7	< 1.7	U
100-42-5	Styrene	1.7	< 1.7	U
75-69-4	Trichlorofluoromethane	1.7	< 1.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.3	< 3.3	U
1330-20-7	m,p-Xylene	1.7	< 1.7	U
95-47-6	o-Xylene	1.7	< 1.7	U
95-50-1	1,2-Dichlorobenzene	1.7	< 1.7	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LDW-SC49V-1-2
SAMPLE

Lab Sample ID: JC21G
LIMS ID: 06-3579
Matrix: Sediment
Date Analyzed: 03/01/06 15:51

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.7	< 1.7	U
106-46-7	1,4-Dichlorobenzene	1.7	< 1.7	U
107-02-8	Acrolein	83	< 83	U
74-88-4	Methyl Iodide	1.7	< 1.7	U
74-96-4	Bromoethane	3.3	< 3.3	U
107-13-1	Acrylonitrile	8.3	< 8.3	U
563-58-6	1,1-Dichloropropene	1.7	< 1.7	U
74-95-3	Dibromomethane	1.7	< 1.7	U
630-20-6	1,1,1,2-Tetrachloroethane	1.7	< 1.7	U
96-12-8	1,2-Dibromo-3-chloropropane	8.3	< 8.3	U
96-18-4	1,2,3-Trichloropropane	3.3	< 3.3	U
110-57-6	trans-1,4-Dichloro-2-butene	8.3	< 8.3	U
108-67-8	1,3,5-Trimethylbenzene	1.7	< 1.7	U
95-63-6	1,2,4-Trimethylbenzene	1.7	< 1.7	U
87-68-3	Hexachlorobutadiene	8.3	< 8.3	U
106-93-4	Ethylene Dibromide	1.7	< 1.7	U
74-97-5	Bromochloromethane	1.7	< 1.7	U
594-20-7	2,2-Dichloropropane	1.7	< 1.7	U
142-28-9	1,3-Dichloropropane	1.7	< 1.7	U
98-82-8	Isopropylbenzene	1.7	< 1.7	U
103-65-1	n-Propylbenzene	1.7	< 1.7	U
108-86-1	Bromobenzene	1.7	< 1.7	U
95-49-8	2-Chlorotoluene	1.7	< 1.7	U
106-43-4	4-Chlorotoluene	1.7	< 1.7	U
98-06-6	tert-Butylbenzene	1.7	< 1.7	U
135-98-8	sec-Butylbenzene	1.7	< 1.7	U
99-87-6	4-Isopropyltoluene	1.7	< 1.7	U
104-51-8	n-Butylbenzene	1.7	< 1.7	U
120-82-1	1,2,4-Trichlorobenzene	8.3	< 8.3	U
91-20-3	Naphthalene	8.3	< 8.3	U
87-61-6	1,2,3-Trichlorobenzene	8.3	< 8.3	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	104%
d8-Toluene	99.8%
Bromofluorobenzene	91.2%
d4-1,2-Dichlorobenzene	89.7%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-2-3

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SAMPLE

Lab Sample ID: JC21H


QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3580

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Data Release Authorized: 

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM

Sample Amount: 2.70 g-dry-wt

Date Analyzed: 03/01/06 16:20

Purge Volume: 5.0 mL

Moisture: 47.8%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.8	< 1.8	U
74-83-9	Bromomethane	1.8	< 1.8	U
75-01-4	Vinyl Chloride	1.8	< 1.8	U
75-00-3	Chloroethane	1.8	< 1.8	U
75-09-2	Methylene Chloride	3.7	< 3.7	U
67-64-1	Acetone	9.2	41	
75-15-0	Carbon Disulfide	1.8	6.3	
75-35-4	1,1-Dichloroethene	1.8	< 1.8	U
75-34-3	1,1-Dichloroethane	1.8	< 1.8	U
156-60-5	trans-1,2-Dichloroethene	1.8	< 1.8	U
156-59-2	cis-1,2-Dichloroethene	1.8	< 1.8	U
67-66-3	Chloroform	1.8	< 1.8	U
107-06-2	1,2-Dichloroethane	1.8	< 1.8	U
78-93-3	2-Butanone	9.2	12	
71-55-6	1,1,1-Trichloroethane	1.8	< 1.8	U
56-23-5	Carbon Tetrachloride	1.8	< 1.8	U
108-05-4	Vinyl Acetate	9.2	< 9.2	U
75-27-4	Bromodichloromethane	1.8	< 1.8	U
78-87-5	1,2-Dichloropropane	1.8	< 1.8	U
10061-01-5	cis-1,3-Dichloropropene	1.8	< 1.8	U
79-01-6	Trichloroethene	1.8	< 1.8	U
124-48-1	Dibromochloromethane	1.8	< 1.8	U
79-00-5	1,1,2-Trichloroethane	1.8	< 1.8	U
71-43-2	Benzene	1.8	< 1.8	U
10061-02-6	trans-1,3-Dichloropropene	1.8	< 1.8	U
110-75-8	2-Chloroethylvinylether	9.2	< 9.2	U
75-25-2	Bromoform	1.8	< 1.8	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	9.2	< 9.2	U
591-78-6	2-Hexanone	9.2	< 9.2	U
127-18-4	Tetrachloroethene	1.8	< 1.8	U
79-34-5	1,1,2,2-Tetrachloroethane	1.8	< 1.8	U
108-88-3	Toluene	1.8	< 1.8	U
108-90-7	Chlorobenzene	1.8	< 1.8	U
100-41-4	Ethylbenzene	1.8	< 1.8	U
100-42-5	Styrene	1.8	< 1.8	U
75-69-4	Trichlorofluoromethane	1.8	< 1.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.7	< 3.7	U
1330-20-7	m,p-Xylene	1.8	< 1.8	U
95-47-6	o-Xylene	1.8	< 1.8	U
95-50-1	1,2-Dichlorobenzene	1.8	< 1.8	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-2-3

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SAMPLE

Lab Sample ID: JC21H

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3580

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Date Analyzed: 03/01/06 16:20

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.8	< 1.8	U
106-46-7	1,4-Dichlorobenzene	1.8	< 1.8	U
107-02-8	Acrolein	92	< 92	U
74-88-4	Methyl Iodide	1.8	< 1.8	U
74-96-4	Bromoethane	3.7	< 3.7	U
107-13-1	Acrylonitrile	9.2	< 9.2	U
563-58-6	1,1-Dichloropropane	1.8	< 1.8	U
74-95-3	Dibromomethane	1.8	< 1.8	U
630-20-6	1,1,1,2-Tetrachloroethane	1.8	< 1.8	U
96-12-8	1,2-Dibromo-3-chloropropane	9.2	< 9.2	U
96-18-4	1,2,3-Trichloropropane	3.7	< 3.7	U
110-57-6	trans-1,4-Dichloro-2-butene	9.2	< 9.2	U
108-67-8	1,3,5-Trimethylbenzene	1.8	< 1.8	U
95-63-6	1,2,4-Trimethylbenzene	1.8	< 1.8	U
87-68-3	Hexachlorobutadiene	9.2	< 9.2	U
106-93-4	Ethylene Dibromide	1.8	< 1.8	U
74-97-5	Bromochloromethane	1.8	< 1.8	U
594-20-7	2,2-Dichloropropane	1.8	< 1.8	U
142-28-9	1,3-Dichloropropane	1.8	< 1.8	U
98-82-8	Isopropylbenzene	1.8	< 1.8	U
103-65-1	n-Propylbenzene	1.8	< 1.8	U
108-86-1	Bromobenzene	1.8	< 1.8	U
95-49-8	2-Chlorotoluene	1.8	< 1.8	U
106-43-4	4-Chlorotoluene	1.8	< 1.8	U
98-06-6	tert-Butylbenzene	1.8	< 1.8	U
135-98-8	sec-Butylbenzene	1.8	< 1.8	U
99-87-6	4-Isopropyltoluene	1.8	< 1.8	U
104-51-8	n-Butylbenzene	1.8	< 1.8	U
120-82-1	1,2,4-Trichlorobenzene	9.2	< 9.2	U
91-20-3	Naphthalene	9.2	< 9.2	U
87-61-6	1,2,3-Trichlorobenzene	9.2	< 9.2	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	100%
Bromofluorobenzene	93.6%
d4-1,2-Dichlorobenzene	92.3%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2

Sample ID: LDW-SC49V-3-4
SAMPLE

Lab Sample ID: JC21I
LIMS ID: 06-3581
Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/30/06

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM
Date Analyzed: 03/01/06 16:49

Sample Amount: 3.18 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 39.5%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.6	< 1.6	U
74-83-9	Bromomethane	1.6	< 1.6	U
75-01-4	Vinyl Chloride	1.6	< 1.6	U
75-00-3	Chloroethane	1.6	< 1.6	U
75-09-2	Methylene Chloride	3.1	< 3.1	U
67-64-1	Acetone	7.8	38	
75-15-0	Carbon Disulfide	1.6	3.0	
75-35-4	1,1-Dichloroethene	1.6	< 1.6	U
75-34-3	1,1-Dichloroethane	1.6	< 1.6	U
156-60-5	trans-1,2-Dichloroethene	1.6	< 1.6	U
156-59-2	cis-1,2-Dichloroethene	1.6	< 1.6	U
67-66-3	Chloroform	1.6	< 1.6	U
107-06-2	1,2-Dichloroethane	1.6	< 1.6	U
78-93-3	2-Butanone	7.8	12	
71-55-6	1,1,1-Trichloroethane	1.6	< 1.6	U
56-23-5	Carbon Tetrachloride	1.6	< 1.6	U
108-05-4	Vinyl Acetate	7.8	< 7.8	U
75-27-4	Bromodichloromethane	1.6	< 1.6	U
78-87-5	1,2-Dichloropropane	1.6	< 1.6	U
10061-01-5	cis-1,3-Dichloropropene	1.6	< 1.6	U
79-01-6	Trichloroethene	1.6	< 1.6	U
124-48-1	Dibromochloromethane	1.6	< 1.6	U
79-00-5	1,1,2-Trichloroethane	1.6	< 1.6	U
71-43-2	Benzene	1.6	< 1.6	U
10061-02-6	trans-1,3-Dichloropropene	1.6	< 1.6	U
110-75-8	2-Chloroethylvinylether	7.8	< 7.8	U
75-25-2	Bromoform	1.6	< 1.6	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	7.8	< 7.8	U
591-78-6	2-Hexanone	7.8	< 7.8	U
127-18-4	Tetrachloroethene	1.6	< 1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	1.6	< 1.6	U
108-88-3	Toluene	1.6	< 1.6	U
108-90-7	Chlorobenzene	1.6	< 1.6	U
100-41-4	Ethylbenzene	1.6	< 1.6	U
100-42-5	Styrene	1.6	< 1.6	U
75-69-4	Trichlorofluoromethane	1.6	< 1.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.1	< 3.1	U
1330-20-7	m,p-Xylene	1.6	< 1.6	U
95-47-6	o-Xylene	1.6	< 1.6	U
95-50-1	1,2-Dichlorobenzene	1.6	< 1.6	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LDW-SC49V-3-4
SAMPLE

Lab Sample ID: JC21I
LIMS ID: 06-3581
Matrix: Sediment
Date Analyzed: 03/01/06 16:49

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.6	< 1.6	U
106-46-7	1,4-Dichlorobenzene	1.6	< 1.6	U
107-02-8	Acrolein	78	< 78	U
74-88-4	Methyl Iodide	1.6	< 1.6	U
74-96-4	Bromoethane	3.1	< 3.1	U
107-13-1	Acrylonitrile	7.8	< 7.8	U
563-58-6	1,1-Dichloropropene	1.6	< 1.6	U
74-95-3	Dibromomethane	1.6	< 1.6	U
630-20-6	1,1,1,2-Tetrachloroethane	1.6	< 1.6	U
96-12-8	1,2-Dibromo-3-chloropropane	7.8	< 7.8	U
96-18-4	1,2,3-Trichloropropane	3.1	< 3.1	U
110-57-6	trans-1,4-Dichloro-2-butene	7.8	< 7.8	U
108-67-8	1,3,5-Trimethylbenzene	1.6	< 1.6	U
95-63-6	1,2,4-Trimethylbenzene	1.6	< 1.6	U
87-68-3	Hexachlorobutadiene	7.8	< 7.8	U
106-93-4	Ethylene Dibromide	1.6	< 1.6	U
74-97-5	Bromochloromethane	1.6	< 1.6	U
594-20-7	2,2-Dichloropropane	1.6	< 1.6	U
142-28-9	1,3-Dichloropropane	1.6	< 1.6	U
98-82-8	Isopropylbenzene	1.6	< 1.6	U
103-65-1	n-Propylbenzene	1.6	< 1.6	U
108-86-1	Bromobenzene	1.6	< 1.6	U
95-49-8	2-Chlorotoluene	1.6	< 1.6	U
106-43-4	4-Chlorotoluene	1.6	< 1.6	U
98-06-6	tert-Butylbenzene	1.6	< 1.6	U
135-98-8	sec-Butylbenzene	1.6	< 1.6	U
99-87-6	4-Isopropyltoluene	1.6	< 1.6	U
104-51-8	n-Butylbenzene	1.6	< 1.6	U
120-82-1	1,2,4-Trichlorobenzene	7.8	< 7.8	U
91-20-3	Naphthalene	7.8	< 7.8	U
87-61-6	1,2,3-Trichlorobenzene	7.8	< 7.8	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	104%
d8-Toluene	102%
Bromofluorobenzene	98.5%
d4-1,2-Dichlorobenzene	93.1%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-4-5

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SAMPLE

Lab Sample ID: JC21J

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3582

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM

Sample Amount: 3.00 g-dry-wt

Date Analyzed: 03/01/06 17:17

Purge Volume: 5.0 mL

Moisture: 40.4%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.7	< 1.7	U
74-83-9	Bromomethane	1.7	< 1.7	U
75-01-4	Vinyl Chloride	1.7	< 1.7	U
75-00-3	Chloroethane	1.7	< 1.7	U
75-09-2	Methylene Chloride	3.3	< 3.3	U
67-64-1	Acetone	8.3	94	
75-15-0	Carbon Disulfide	1.7	< 1.7	U
75-35-4	1,1-Dichloroethene	1.7	< 1.7	U
75-34-3	1,1-Dichloroethane	1.7	< 1.7	U
156-60-5	trans-1,2-Dichloroethene	1.7	< 1.7	U
156-59-2	cis-1,2-Dichloroethene	1.7	< 1.7	U
67-66-3	Chloroform	1.7	< 1.7	U
107-06-2	1,2-Dichloroethane	1.7	< 1.7	U
78-93-3	2-Butanone	8.3	28	
71-55-6	1,1,1-Trichloroethane	1.7	< 1.7	U
56-23-5	Carbon Tetrachloride	1.7	< 1.7	U
108-05-4	Vinyl Acetate	8.3	< 8.3	U
75-27-4	Bromodichloromethane	1.7	< 1.7	U
78-87-5	1,2-Dichloropropane	1.7	< 1.7	U
10061-01-5	cis-1,3-Dichloropropene	1.7	< 1.7	U
79-01-6	Trichloroethene	1.7	< 1.7	U
124-48-1	Dibromochloromethane	1.7	< 1.7	U
79-00-5	1,1,2-Trichloroethane	1.7	< 1.7	U
71-43-2	Benzene	1.7	< 1.7	U
10061-02-6	trans-1,3-Dichloropropene	1.7	< 1.7	U
110-75-8	2-Chloroethylvinylether	8.3	< 8.3	U
75-25-2	Bromoform	1.7	< 1.7	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	8.3	< 8.3	U
591-78-6	2-Hexanone	8.3	< 8.3	U
127-18-4	Tetrachloroethene	1.7	< 1.7	U
79-34-5	1,1,2,2-Tetrachloroethane	1.7	< 1.7	U
108-88-3	Toluene	1.7	< 1.7	U
108-90-7	Chlorobenzene	1.7	< 1.7	U
100-41-4	Ethylbenzene	1.7	< 1.7	U
100-42-5	Styrene	1.7	< 1.7	U
75-69-4	Trichlorofluoromethane	1.7	< 1.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.3	< 3.3	U
1330-20-7	m,p-Xylene	1.7	< 1.7	U
95-47-6	o-Xylene	1.7	< 1.7	U
95-50-1	1,2-Dichlorobenzene	1.7	< 1.7	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LDW-SC49V-4-5
SAMPLE

Lab Sample ID: JC21J
LIMS ID: 06-3582
Matrix: Sediment
Date Analyzed: 03/01/06 17:17

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.7	< 1.7	U
106-46-7	1,4-Dichlorobenzene	1.7	< 1.7	U
107-02-8	Acrolein	83	< 83	U
74-88-4	Methyl Iodide	1.7	< 1.7	U
74-96-4	Bromoethane	3.3	< 3.3	U
107-13-1	Acrylonitrile	8.3	< 8.3	U
563-58-6	1,1-Dichloropropene	1.7	< 1.7	U
74-95-3	Dibromomethane	1.7	< 1.7	U
630-20-6	1,1,1,2-Tetrachloroethane	1.7	< 1.7	U
96-12-8	1,2-Dibromo-3-chloropropane	8.3	< 8.3	U
96-18-4	1,2,3-Trichloropropane	3.3	< 3.3	U
110-57-6	trans-1,4-Dichloro-2-butene	8.3	< 8.3	U
108-67-8	1,3,5-Trimethylbenzene	1.7	< 1.7	U
95-63-6	1,2,4-Trimethylbenzene	1.7	< 1.7	U
87-68-3	Hexachlorobutadiene	8.3	< 8.3	U
106-93-4	Ethylene Dibromide	1.7	< 1.7	U
74-97-5	Bromochloromethane	1.7	< 1.7	U
594-20-7	2,2-Dichloropropane	1.7	< 1.7	U
142-28-9	1,3-Dichloropropane	1.7	< 1.7	U
98-82-8	Isopropylbenzene	1.7	< 1.7	U
103-65-1	n-Propylbenzene	1.7	< 1.7	U
108-86-1	Bromobenzene	1.7	< 1.7	U
95-49-8	2-Chlorotoluene	1.7	< 1.7	U
106-43-4	4-Chlorotoluene	1.7	< 1.7	U
98-06-6	tert-Butylbenzene	1.7	< 1.7	U
135-98-8	sec-Butylbenzene	1.7	< 1.7	U
99-87-6	4-Isopropyltoluene	1.7	< 1.7	U
104-51-8	n-Butylbenzene	1.7	< 1.7	U
120-82-1	1,2,4-Trichlorobenzene	8.3	< 8.3	U
91-20-3	Naphthalene	8.3	< 8.3	U
87-61-6	1,2,3-Trichlorobenzene	8.3	< 8.3	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	104%
d8-Toluene	100%
Bromofluorobenzene	91.8%
d4-1,2-Dichlorobenzene	94.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2

Sample ID: LDW-SC49V-5-6
SAMPLE

Lab Sample ID: JC21K
LIMS ID: 06-3583
Matrix: Sediment
Data Release Authorized: *[Signature]*
Reported: 03/30/06

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM
Date Analyzed: 03/01/06 17:46

Sample Amount: 3.00 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 40.3%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.7	< 1.7	U
74-83-9	Bromomethane	1.7	< 1.7	U
75-01-4	Vinyl Chloride	1.7	< 1.7	U
75-00-3	Chloroethane	1.7	< 1.7	U
75-09-2	Methylene Chloride	3.3	< 3.3	U
67-64-1	Acetone	8.3	100	
75-15-0	Carbon Disulfide	1.7	2.2	
75-35-4	1,1-Dichloroethene	1.7	< 1.7	U
75-34-3	1,1-Dichloroethane	1.7	< 1.7	U
156-60-5	trans-1,2-Dichloroethene	1.7	< 1.7	U
156-59-2	cis-1,2-Dichloroethene	1.7	< 1.7	U
67-66-3	Chloroform	1.7	< 1.7	U
107-06-2	1,2-Dichloroethane	1.7	< 1.7	U
78-93-3	2-Butanone	8.3	26	
71-55-6	1,1,1-Trichloroethane	1.7	< 1.7	U
56-23-5	Carbon Tetrachloride	1.7	< 1.7	U
108-05-4	Vinyl Acetate	8.3	< 8.3	U
75-27-4	Bromodichloromethane	1.7	< 1.7	U
78-87-5	1,2-Dichloropropane	1.7	< 1.7	U
10061-01-5	cis-1,3-Dichloropropene	1.7	< 1.7	U
79-01-6	Trichloroethene	1.7	< 1.7	U
124-48-1	Dibromochloromethane	1.7	< 1.7	U
79-00-5	1,1,2-Trichloroethane	1.7	< 1.7	U
71-43-2	Benzene	1.7	< 1.7	U
10061-02-6	trans-1,3-Dichloropropene	1.7	< 1.7	U
110-75-8	2-Chloroethylvinylether	8.3	< 8.3	U
75-25-2	Bromoform	1.7	< 1.7	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	8.3	< 8.3	U
591-78-6	2-Hexanone	8.3	< 8.3	U
127-18-4	Tetrachloroethene	1.7	< 1.7	U
79-34-5	1,1,2,2-Tetrachloroethane	1.7	< 1.7	U
108-88-3	Toluene	1.7	< 1.7	U
108-90-7	Chlorobenzene	1.7	< 1.7	U
100-41-4	Ethylbenzene	1.7	< 1.7	U
100-42-5	Styrene	1.7	< 1.7	U
75-69-4	Trichlorofluoromethane	1.7	< 1.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.3	< 3.3	U
1330-20-7	m,p-Xylene	1.7	< 1.7	U
95-47-6	o-Xylene	1.7	< 1.7	U
95-50-1	1,2-Dichlorobenzene	1.7	< 1.7	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Page 2 of 2

Sample ID: LDW-SC49V-5-6

SAMPLE

Lab Sample ID: JC21K

LIMS ID: 06-3583

Matrix: Sediment

Date Analyzed: 03/01/06 17:46

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.7	< 1.7	U
106-46-7	1,4-Dichlorobenzene	1.7	< 1.7	U
107-02-8	Acrolein	83	< 83	U
74-88-4	Methyl Iodide	1.7	< 1.7	U
74-96-4	Bromoethane	3.3	< 3.3	U
107-13-1	Acrylonitrile	8.3	< 8.3	U
563-58-6	1,1-Dichloropropene	1.7	< 1.7	U
74-95-3	Dibromomethane	1.7	< 1.7	U
630-20-6	1,1,1,2-Tetrachloroethane	1.7	< 1.7	U
96-12-8	1,2-Dibromo-3-chloropropane	8.3	< 8.3	U
96-18-4	1,2,3-Trichloropropane	3.3	< 3.3	U
110-57-6	trans-1,4-Dichloro-2-butene	8.3	< 8.3	U
108-67-8	1,3,5-Trimethylbenzene	1.7	< 1.7	U
95-63-6	1,2,4-Trimethylbenzene	1.7	< 1.7	U
87-68-3	Hexachlorobutadiene	8.3	< 8.3	U
106-93-4	Ethylene Dibromide	1.7	< 1.7	U
74-97-5	Bromochloromethane	1.7	< 1.7	U
594-20-7	2,2-Dichloropropane	1.7	< 1.7	U
142-28-9	1,3-Dichloropropane	1.7	< 1.7	U
98-82-8	Isopropylbenzene	1.7	< 1.7	U
103-65-1	n-Propylbenzene	1.7	< 1.7	U
108-86-1	Bromobenzene	1.7	< 1.7	U
95-49-8	2-Chlorotoluene	1.7	< 1.7	U
106-43-4	4-Chlorotoluene	1.7	< 1.7	U
98-06-6	tert-Butylbenzene	1.7	< 1.7	U
135-98-8	sec-Butylbenzene	1.7	< 1.7	U
99-87-6	4-Isopropyltoluene	1.7	< 1.7	U
104-51-8	n-Butylbenzene	1.7	< 1.7	U
120-82-1	1,2,4-Trichlorobenzene	8.3	< 8.3	U
91-20-3	Naphthalene	8.3	< 8.3	U
87-61-6	1,2,3-Trichlorobenzene	8.3	< 8.3	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	98.9%
Bromofluorobenzene	91.3%
d4-1,2-Dichlorobenzene	92.1%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-6-7

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SAMPLE

Lab Sample ID: JC21L

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3584

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM

Sample Amount: 3.05 g-dry-wt

Date Analyzed: 03/01/06 18:15

Purge Volume: 5.0 mL

Moisture: 38.8%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.6	< 1.6	U
74-83-9	Bromomethane	1.6	< 1.6	U
75-01-4	Vinyl Chloride	5.6	< 5.6	Y
75-00-3	Chloroethane	1.6	< 1.6	U
75-09-2	Methylene Chloride	3.3	< 3.3	U
67-64-1	Acetone	8.2	120	
75-15-0	Carbon Disulfide	1.6	< 1.6	U
75-35-4	1,1-Dichloroethene	1.6	< 1.6	U
75-34-3	1,1-Dichloroethane	1.6	< 1.6	U
156-60-5	trans-1,2-Dichloroethene	1.6	< 1.6	U
156-59-2	cis-1,2-Dichloroethene	1.6	2.2	M
67-66-3	Chloroform	1.6	< 1.6	U
107-06-2	1,2-Dichloroethane	1.6	< 1.6	U
78-93-3	2-Butanone	8.2	30	
71-55-6	1,1,1-Trichloroethane	1.6	< 1.6	U
56-23-5	Carbon Tetrachloride	1.6	< 1.6	U
108-05-4	Vinyl Acetate	8.2	< 8.2	U
75-27-4	Bromodichloromethane	1.6	< 1.6	U
78-87-5	1,2-Dichloropropane	1.6	< 1.6	U
10061-01-5	cis-1,3-Dichloropropene	1.6	< 1.6	U
79-01-6	Trichloroethene	1.6	< 1.6	U
124-48-1	Dibromochloromethane	1.6	< 1.6	U
79-00-5	1,1,2-Trichloroethane	1.6	< 1.6	U
71-43-2	Benzene	1.6	< 1.6	U
10061-02-6	trans-1,3-Dichloropropene	1.6	< 1.6	U
110-75-8	2-Chloroethylvinylether	8.2	< 8.2	U
75-25-2	Bromoform	1.6	< 1.6	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	8.2	< 8.2	U
591-78-6	2-Hexanone	8.2	< 8.2	U
127-18-4	Tetrachloroethene	1.6	< 1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	1.6	< 1.6	U
108-88-3	Toluene	1.6	1.8	
108-90-7	Chlorobenzene	1.6	< 1.6	U
100-41-4	Ethylbenzene	1.6	< 1.6	U
100-42-5	Styrene	1.6	< 1.6	U
75-69-4	Trichlorofluoromethane	1.6	< 1.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.3	< 3.3	U
1330-20-7	m,p-Xylene	1.6	< 1.6	U
95-47-6	o-Xylene	1.6	< 1.6	U
95-50-1	1,2-Dichlorobenzene	1.6	< 1.6	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Page 2 of 2

Sample ID: LDW-SC49V-6-7

SAMPLE

Lab Sample ID: JC21L

LIMS ID: 06-3584

Matrix: Sediment

Date Analyzed: 03/01/06 18:15

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.6	< 1.6	U
106-46-7	1,4-Dichlorobenzene	1.6	< 1.6	U
107-02-8	Acrolein	82	< 82	U
74-88-4	Methyl Iodide	1.6	< 1.6	U
74-96-4	Bromoethane	3.3	< 3.3	U
107-13-1	Acrylonitrile	8.2	< 8.2	U
563-58-6	1,1-Dichloropropene	1.6	< 1.6	U
74-95-3	Dibromomethane	1.6	< 1.6	U
630-20-6	1,1,1,2-Tetrachloroethane	1.6	< 1.6	U
96-12-8	1,2-Dibromo-3-chloropropane	8.2	< 8.2	U
96-18-4	1,2,3-Trichloropropane	3.3	< 3.3	U
110-57-6	trans-1,4-Dichloro-2-butene	8.2	< 8.2	U
108-67-8	1,3,5-Trimethylbenzene	1.6	< 1.6	U
95-63-6	1,2,4-Trimethylbenzene	1.6	< 1.6	U
87-68-3	Hexachlorobutadiene	8.2	< 8.2	U
106-93-4	Ethylene Dibromide	1.6	< 1.6	U
74-97-5	Bromochloromethane	1.6	< 1.6	U
594-20-7	2,2-Dichloropropane	1.6	< 1.6	U
142-28-9	1,3-Dichloropropane	1.6	< 1.6	U
98-82-8	Isopropylbenzene	1.6	< 1.6	U
103-65-1	n-Propylbenzene	1.6	< 1.6	U
108-86-1	Bromobenzene	1.6	< 1.6	U
95-49-8	2-Chlorotoluene	1.6	< 1.6	U
106-43-4	4-Chlorotoluene	1.6	< 1.6	U
98-06-6	tert-Butylbenzene	1.6	< 1.6	U
135-98-8	sec-Butylbenzene	1.6	< 1.6	U
99-87-6	4-Isopropyltoluene	1.6	< 1.6	U
104-51-8	n-Butylbenzene	1.6	< 1.6	U
120-82-1	1,2,4-Trichlorobenzene	8.2	< 8.2	U
91-20-3	Naphthalene	8.2	< 8.2	U
87-61-6	1,2,3-Trichlorobenzene	8.2	< 8.2	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	105%
d8-Toluene	102%
Bromofluorobenzene	90.2%
d4-1,2-Dichlorobenzene	97.7%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-7-8

Page 1 of 2

SAMPLE

Lab Sample ID: JC21M

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3585

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Data Release Authorized: *[Signature]*

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM

Sample Amount: 2.64 g-dry-wt

Date Analyzed: 03/01/06 18:44

Purge Volume: 5.0 mL

Moisture: 47.2%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.9	< 1.9	U
74-83-9	Bromomethane	1.9	< 1.9	U
75-01-4	Vinyl Chloride	1.9	29	
75-00-3	Chloroethane	1.9	< 1.9	U
75-09-2	Methylene Chloride	3.8	< 3.8	U
67-64-1	Acetone	9.5	190	
75-15-0	Carbon Disulfide	1.9	2.8	
75-35-4	1,1-Dichloroethene	1.9	< 1.9	U
75-34-3	1,1-Dichloroethane	1.9	< 1.9	U
156-60-5	trans-1,2-Dichloroethene	1.9	< 1.9	U
156-59-2	cis-1,2-Dichloroethene	1.9	8.1	
67-66-3	Chloroform	1.9	< 1.9	U
107-06-2	1,2-Dichloroethane	1.9	< 1.9	U
78-93-3	2-Butanone	9.5	49	
71-55-6	1,1,1-Trichloroethane	1.9	< 1.9	U
56-23-5	Carbon Tetrachloride	1.9	< 1.9	U
108-05-4	Vinyl Acetate	9.5	< 9.5	U
75-27-4	Bromodichloromethane	1.9	< 1.9	U
78-87-5	1,2-Dichloropropane	1.9	< 1.9	U
10061-01-5	cis-1,3-Dichloropropene	1.9	< 1.9	U
79-01-6	Trichloroethene	1.9	< 1.9	U
124-48-1	Dibromochloromethane	1.9	< 1.9	U
79-00-5	1,1,2-Trichloroethane	1.9	< 1.9	U
71-43-2	Benzene	1.9	4.4	
10061-02-6	trans-1,3-Dichloropropene	1.9	< 1.9	U
110-75-8	2-Chloroethylvinylether	9.5	< 9.5	U
75-25-2	Bromoform	1.9	< 1.9	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	9.5	< 9.5	U
591-78-6	2-Hexanone	9.5	< 9.5	U
127-18-4	Tetrachloroethene	1.9	< 1.9	U
79-34-5	1,1,2,2-Tetrachloroethane	1.9	< 1.9	U
108-88-3	Toluene	1.9	2.0	
108-90-7	Chlorobenzene	1.9	< 1.9	U
100-41-4	Ethylbenzene	1.9	< 1.9	U
100-42-5	Styrene	1.9	< 1.9	U
75-69-4	Trichlorofluoromethane	1.9	< 1.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.8	< 3.8	U
1330-20-7	m,p-Xylene	1.9	< 1.9	U
95-47-6	o-Xylene	1.9	< 1.9	U
95-50-1	1,2-Dichlorobenzene	1.9	< 1.9	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-7-8

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SAMPLE

Lab Sample ID: JC21M

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3585

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Date Analyzed: 03/01/06 18:44

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.9	< 1.9	U
106-46-7	1,4-Dichlorobenzene	1.9	< 1.9	U
107-02-8	Acrolein	95	< 95	U
74-88-4	Methyl Iodide	1.9	< 1.9	U
74-96-4	Bromoethane	3.8	< 3.8	U
107-13-1	Acrylonitrile	9.5	< 9.5	U
563-58-6	1,1-Dichloropropene	1.9	< 1.9	U
74-95-3	Dibromomethane	1.9	< 1.9	U
630-20-6	1,1,1,2-Tetrachloroethane	1.9	< 1.9	U
96-12-8	1,2-Dibromo-3-chloropropane	9.5	< 9.5	U
96-18-4	1,2,3-Trichloropropane	3.8	< 3.8	U
110-57-6	trans-1,4-Dichloro-2-butene	9.5	< 9.5	U
108-67-8	1,3,5-Trimethylbenzene	1.9	< 1.9	U
95-63-6	1,2,4-Trimethylbenzene	1.9	< 1.9	U
87-68-3	Hexachlorobutadiene	9.5	< 9.5	U
106-93-4	Ethylene Dibromide	1.9	< 1.9	U
74-97-5	Bromochloromethane	1.9	< 1.9	U
594-20-7	2,2-Dichloropropane	1.9	< 1.9	U
142-28-9	1,3-Dichloropropane	1.9	< 1.9	U
98-82-8	Isopropylbenzene	1.9	< 1.9	U
103-65-1	n-Propylbenzene	1.9	< 1.9	U
108-86-1	Bromobenzene	1.9	< 1.9	U
95-49-8	2-Chlorotoluene	1.9	< 1.9	U
106-43-4	4-Chlorotoluene	1.9	< 1.9	U
98-06-6	tert-Butylbenzene	1.9	< 1.9	U
135-98-8	sec-Butylbenzene	1.9	< 1.9	U
99-87-6	4-Isopropyltoluene	1.9	< 1.9	U
104-51-8	n-Butylbenzene	1.9	< 1.9	U
120-82-1	1,2,4-Trichlorobenzene	9.5	< 9.5	U
91-20-3	Naphthalene	9.5	< 9.5	U
87-61-6	1,2,3-Trichlorobenzene	9.5	< 9.5	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	103%
d8-Toluene	100%
Bromofluorobenzene	89.5%
d4-1,2-Dichlorobenzene	94.1%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-8-9

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SAMPLE

Lab Sample ID: JC21N

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3586

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM

Sample Amount: 2.67 g-dry-wt

Date Analyzed: 03/01/06 19:12

Purge Volume: 5.0 mL

Moisture: 48.9%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.9	< 1.9	U
74-83-9	Bromomethane	1.9	< 1.9	U
75-01-4	Vinyl Chloride	1.9	44	
75-00-3	Chloroethane	1.9	< 1.9	U
75-09-2	Methylene Chloride	3.7	< 3.7	U
67-64-1	Acetone	9.4	440	
75-15-0	Carbon Disulfide	1.9	5.3	
75-35-4	1,1-Dichloroethene	1.9	< 1.9	U
75-34-3	1,1-Dichloroethane	1.9	< 1.9	U
156-60-5	trans-1,2-Dichloroethene	1.9	< 1.9	U
156-59-2	cis-1,2-Dichloroethene	1.9	16	
67-66-3	Chloroform	1.9	< 1.9	U
107-06-2	1,2-Dichloroethane	1.9	< 1.9	U
78-93-3	2-Butanone	9.4	100	
71-55-6	1,1,1-Trichloroethane	1.9	< 1.9	U
56-23-5	Carbon Tetrachloride	1.9	< 1.9	U
108-05-4	Vinyl Acetate	9.4	< 9.4	U
75-27-4	Bromodichloromethane	1.9	< 1.9	U
78-87-5	1,2-Dichloropropane	1.9	< 1.9	U
10061-01-5	cis-1,3-Dichloropropene	1.9	< 1.9	U
79-01-6	Trichloroethene	1.9	< 1.9	U
124-48-1	Dibromochloromethane	1.9	< 1.9	U
79-00-5	1,1,2-Trichloroethane	1.9	< 1.9	U
71-43-2	Benzene	1.9	12	
10061-02-6	trans-1,3-Dichloropropene	1.9	< 1.9	U
110-75-8	2-Chloroethylvinylether	9.4	< 9.4	U
75-25-2	Bromoform	1.9	< 1.9	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	9.4	< 9.4	U
591-78-6	2-Hexanone	9.4	< 9.4	U
127-18-4	Tetrachloroethene	1.9	< 1.9	U
79-34-5	1,1,2,2-Tetrachloroethane	1.9	< 1.9	U
108-88-3	Toluene	1.9	40	
108-90-7	Chlorobenzene	1.9	< 1.9	U
100-41-4	Ethylbenzene	1.9	< 1.9	U
100-42-5	Styrene	1.9	< 1.9	U
75-69-4	Trichlorofluoromethane	1.9	< 1.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.7	< 3.7	U
1330-20-7	m,p-Xylene	1.9	< 1.9	U
95-47-6	o-Xylene	1.9	< 1.9	U
95-50-1	1,2-Dichlorobenzene	1.9	< 1.9	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LDW-SC49V-8-9
SAMPLE

Lab Sample ID: JC21N
LIMS ID: 06-3586
Matrix: Sediment
Date Analyzed: 03/01/06 19:12

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.9	< 1.9	U
106-46-7	1,4-Dichlorobenzene	1.9	< 1.9	U
107-02-8	Acrolein	94	< 94	U
74-88-4	Methyl Iodide	1.9	< 1.9	U
74-96-4	Bromoethane	3.7	< 3.7	U
107-13-1	Acrylonitrile	9.4	< 9.4	U
563-58-6	1,1-Dichloropropene	1.9	< 1.9	U
74-95-3	Dibromomethane	1.9	< 1.9	U
630-20-6	1,1,1,2-Tetrachloroethane	1.9	< 1.9	U
96-12-8	1,2-Dibromo-3-chloropropane	9.4	< 9.4	U
96-18-4	1,2,3-Trichloropropane	3.7	< 3.7	U
110-57-6	trans-1,4-Dichloro-2-butene	9.4	< 9.4	U
108-67-8	1,3,5-Trimethylbenzene	1.9	< 1.9	U
95-63-6	1,2,4-Trimethylbenzene	1.9	< 1.9	U
87-68-3	Hexachlorobutadiene	9.4	< 9.4	U
106-93-4	Ethylene Dibromide	1.9	< 1.9	U
74-97-5	Bromochloromethane	1.9	< 1.9	U
594-20-7	2,2-Dichloropropane	1.9	< 1.9	U
142-28-9	1,3-Dichloropropane	1.9	< 1.9	U
98-82-8	Isopropylbenzene	1.9	< 1.9	U
103-65-1	n-Propylbenzene	1.9	< 1.9	U
108-86-1	Bromobenzene	1.9	< 1.9	U
95-49-8	2-Chlorotoluene	1.9	< 1.9	U
106-43-4	4-Chlorotoluene	1.9	< 1.9	U
98-06-6	tert-Butylbenzene	1.9	< 1.9	U
135-98-8	sec-Butylbenzene	1.9	< 1.9	U
99-87-6	4-Isopropyltoluene	1.9	< 1.9	U
104-51-8	n-Butylbenzene	1.9	< 1.9	U
120-82-1	1,2,4-Trichlorobenzene	9.4	< 9.4	U
91-20-3	Naphthalene	9.4	< 9.4	U
87-61-6	1,2,3-Trichlorobenzene	9.4	< 9.4	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	99.8%
Bromofluorobenzene	85.5%
d4-1,2-Dichlorobenzene	95.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-8-9

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REANALYSIS

Lab Sample ID: JC21N

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3586

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/PAB

Sample Amount: 2.63 g-dry-wt

Date Analyzed: 03/02/06 19:46

Purge Volume: 5.0 mL

Moisture: 48.9%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.9	< 1.9	U
74-83-9	Bromomethane	1.9	< 1.9	U
75-01-4	Vinyl Chloride	1.9	46	
75-00-3	Chloroethane	1.9	< 1.9	U
75-09-2	Methylene Chloride	3.8	< 3.8	U
67-64-1	Acetone	9.5	360	
75-15-0	Carbon Disulfide	1.9	4.0	
75-35-4	1,1-Dichloroethene	1.9	< 1.9	U
75-34-3	1,1-Dichloroethane	1.9	< 1.9	U
156-60-5	trans-1,2-Dichloroethene	1.9	< 1.9	U
156-59-2	cis-1,2-Dichloroethene	1.9	19	
67-66-3	Chloroform	1.9	< 1.9	U
107-06-2	1,2-Dichloroethane	1.9	< 1.9	U
78-93-3	2-Butanone	9.5	110	
71-55-6	1,1,1-Trichloroethane	1.9	< 1.9	U
56-23-5	Carbon Tetrachloride	1.9	< 1.9	U
108-05-4	Vinyl Acetate	9.5	< 9.5	U
75-27-4	Bromodichloromethane	1.9	< 1.9	U
78-87-5	1,2-Dichloropropane	1.9	< 1.9	U
10061-01-5	cis-1,3-Dichloropropene	1.9	< 1.9	U
79-01-6	Trichloroethene	1.9	< 1.9	U
124-48-1	Dibromochloromethane	1.9	< 1.9	U
79-00-5	1,1,2-Trichloroethane	1.9	< 1.9	U
71-43-2	Benzene	1.9	12	
10061-02-6	trans-1,3-Dichloropropene	1.9	< 1.9	U
110-75-8	2-Chloroethylvinylether	9.5	< 9.5	U
75-25-2	Bromoform	1.9	< 1.9	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	9.5	< 9.5	U
591-78-6	2-Hexanone	9.5	< 9.5	U
127-18-4	Tetrachloroethene	1.9	< 1.9	U
79-34-5	1,1,2,2-Tetrachloroethane	1.9	< 1.9	U
108-88-3	Toluene	1.9	49	
108-90-7	Chlorobenzene	1.9	< 1.9	U
100-41-4	Ethylbenzene	1.9	< 1.9	U
100-42-5	Styrene	1.9	< 1.9	U
75-69-4	Trichlorofluoromethane	1.9	< 1.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.8	< 3.8	U
1330-20-7	m,p-Xylene	1.9	1.9	
95-47-6	o-Xylene	1.9	2.2	
95-50-1	1,2-Dichlorobenzene	1.9	< 1.9	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LDW-SC49V-8-9
REANALYSIS

Lab Sample ID: JC21N
LIMS ID: 06-3586
Matrix: Sediment
Date Analyzed: 03/02/06 19:46

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.9	< 1.9	U
106-46-7	1,4-Dichlorobenzene	1.9	< 1.9	U
107-02-8	Acrolein	95	< 95	U
74-88-4	Methyl Iodide	1.9	< 1.9	U
74-96-4	Bromoethane	3.8	< 3.8	U
107-13-1	Acrylonitrile	9.5	< 9.5	U
563-58-6	1,1-Dichloropropene	1.9	< 1.9	U
74-95-3	Dibromomethane	1.9	< 1.9	U
630-20-6	1,1,1,2-Tetrachloroethane	1.9	< 1.9	U
96-12-8	1,2-Dibromo-3-chloropropane	9.5	< 9.5	U
96-18-4	1,2,3-Trichloropropane	3.8	< 3.8	U
110-57-6	trans-1,4-Dichloro-2-butene	9.5	< 9.5	U
108-67-8	1,3,5-Trimethylbenzene	1.9	1.9	
95-63-6	1,2,4-Trimethylbenzene	1.9	< 1.9	U
87-68-3	Hexachlorobutadiene	9.5	< 9.5	U
106-93-4	Ethylene Dibromide	1.9	< 1.9	U
74-97-5	Bromochloromethane	1.9	< 1.9	U
594-20-7	2,2-Dichloropropane	1.9	< 1.9	U
142-28-9	1,3-Dichloropropane	1.9	< 1.9	U
98-82-8	Isopropylbenzene	1.9	< 1.9	U
103-65-1	n-Propylbenzene	1.9	< 1.9	U
108-86-1	Bromobenzene	1.9	< 1.9	U
95-49-8	2-Chlorotoluene	1.9	< 1.9	U
106-43-4	4-Chlorotoluene	1.9	< 1.9	U
98-06-6	tert-Butylbenzene	1.9	< 1.9	U
135-98-8	sec-Butylbenzene	1.9	< 1.9	U
99-87-6	4-Isopropyltoluene	1.9	4.5	
104-51-8	n-Butylbenzene	1.9	< 1.9	U
120-82-1	1,2,4-Trichlorobenzene	9.5	< 9.5	U
91-20-3	Naphthalene	9.5	< 9.5	U
87-61-6	1,2,3-Trichlorobenzene	9.5	< 9.5	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	130%
d8-Toluene	104%
Bromofluorobenzene	93.8%
d4-1,2-Dichlorobenzene	93.2%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2

Sample ID: LDW-SC49V-9-10
SAMPLE

Lab Sample ID: JC210

LIMS ID: 06-3587

Matrix: Sediment

Data Release Authorized:

Reported: 03/30/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM

Date Analyzed: 03/01/06 19:41

Sample Amount: 2.96 g-dry-wt

Purge Volume: 5.0 mL

Moisture: 40.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.7	< 1.7	U
74-83-9	Bromomethane	1.7	< 1.7	U
75-01-4	Vinyl Chloride	1.7	2,100	ES
75-00-3	Chloroethane	1.7	< 1.7	U
75-09-2	Methylene Chloride	3.4	< 3.4	U
67-64-1	Acetone	8.4	550	
75-15-0	Carbon Disulfide	1.7	1.9	M
75-35-4	1,1-Dichloroethene	1.7	< 1.7	U
75-34-3	1,1-Dichloroethane	1.7	< 1.7	U
156-60-5	trans-1,2-Dichloroethene	1.7	22	
156-59-2	cis-1,2-Dichloroethene	1.7	46	
67-66-3	Chloroform	1.7	< 1.7	U
107-06-2	1,2-Dichloroethane	1.7	< 1.7	U
78-93-3	2-Butanone	8.4	100	
71-55-6	1,1,1-Trichloroethane	1.7	< 1.7	U
56-23-5	Carbon Tetrachloride	1.7	< 1.7	U
108-05-4	Vinyl Acetate	8.4	< 8.4	U
75-27-4	Bromodichloromethane	1.7	< 1.7	U
78-87-5	1,2-Dichloropropane	1.7	< 1.7	U
10061-01-5	cis-1,3-Dichloropropene	1.7	< 1.7	U
79-01-6	Trichloroethene	1.7	< 1.7	U
124-48-1	Dibromochloromethane	1.7	< 1.7	U
79-00-5	1,1,2-Trichloroethane	1.7	< 1.7	U
71-43-2	Benzene	1.7	41	
10061-02-6	trans-1,3-Dichloropropene	1.7	< 1.7	U
110-75-8	2-Chloroethylvinylether	8.4	< 8.4	U
75-25-2	Bromoform	1.7	< 1.7	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	8.4	< 8.4	U
591-78-6	2-Hexanone	8.4	< 8.4	U
127-18-4	Tetrachloroethene	1.7	< 1.7	U
79-34-5	1,1,2,2-Tetrachloroethane	1.7	< 1.7	U
108-88-3	Toluene	1.7	670	ES
108-90-7	Chlorobenzene	1.7	< 1.7	U
100-41-4	Ethylbenzene	1.7	240	
100-42-5	Styrene	1.7	< 1.7	U
75-69-4	Trichlorofluoromethane	1.7	< 1.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.4	< 3.4	U
1330-20-7	m,p-Xylene	1.7	790	ES
95-47-6	o-Xylene	1.7	470	ES
95-50-1	1,2-Dichlorobenzene	1.7	< 1.7	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LDW-SC49V-9-10
SAMPLE

Lab Sample ID: JC210
LIMS ID: 06-3587
Matrix: Sediment
Date Analyzed: 03/01/06 19:41

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.7	< 1.7	U
106-46-7	1,4-Dichlorobenzene	1.7	< 1.7	U
107-02-8	Acrolein	84	< 84	U
74-88-4	Methyl Iodide	1.7	< 1.7	U
74-96-4	Bromoethane	3.4	< 3.4	U
107-13-1	Acrylonitrile	8.4	< 8.4	U
563-58-6	1,1-Dichloropropene	1.7	< 1.7	U
74-95-3	Dibromomethane	1.7	< 1.7	U
630-20-6	1,1,1,2-Tetrachloroethane	1.7	< 1.7	U
96-12-8	1,2-Dibromo-3-chloropropane	8.4	< 8.4	U
96-18-4	1,2,3-Trichloropropane	3.4	< 3.4	U
110-57-6	trans-1,4-Dichloro-2-butene	8.4	< 8.4	U
108-67-8	1,3,5-Trimethylbenzene	1.7	330	ES
95-63-6	1,2,4-Trimethylbenzene	1.7	470	ES
87-68-3	Hexachlorobutadiene	8.4	13	M
106-93-4	Ethylene Dibromide	1.7	< 1.7	U
74-97-5	Bromochloromethane	1.7	< 1.7	U
594-20-7	2,2-Dichloropropane	1.7	< 1.7	U
142-28-9	1,3-Dichloropropane	1.7	< 1.7	U
98-82-8	Isopropylbenzene	1.7	72	
103-65-1	n-Propylbenzene	1.7	68	M
108-86-1	Bromobenzene	1.7	< 1.7	U
95-49-8	2-Chlorotoluene	1.7	< 1.7	U
106-43-4	4-Chlorotoluene	1.7	< 1.7	U
98-06-6	tert-Butylbenzene	1.7	6.1	M
135-98-8	sec-Butylbenzene	1.7	57	
99-87-6	4-Isopropyltoluene	1.7	100	M
104-51-8	n-Butylbenzene	1.7	58	M
120-82-1	1,2,4-Trichlorobenzene	8.4	< 8.4	U
91-20-3	Naphthalene	8.4	18	M
87-61-6	1,2,3-Trichlorobenzene	8.4	< 8.4	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	101%
d8-Toluene	97.6%
Bromofluorobenzene	89.4%
d4-1,2-Dichlorobenzene	95.5%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-9-10

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REANALYSIS

Lab Sample ID: JC210

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3587

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/PAB

Sample Amount: 130 mg-dry-wt

Date Analyzed: 03/06/06 15:49

Purge Volume: 5.0 mL

Moisture: 40.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	38	< 38	U
74-83-9	Bromomethane	38	< 38	U
75-01-4	Vinyl Chloride	38	450	
75-00-3	Chloroethane	38	< 38	U
75-09-2	Methylene Chloride	77	< 77	U
67-64-1	Acetone	190	480	M
75-15-0	Carbon Disulfide	38	< 38	U
75-35-4	1,1-Dichloroethene	38	< 38	U
75-34-3	1,1-Dichloroethane	38	< 38	U
156-60-5	trans-1,2-Dichloroethene	38	< 38	U
156-59-2	cis-1,2-Dichloroethene	38	< 38	U
67-66-3	Chloroform	38	< 38	U
107-06-2	1,2-Dichloroethane	38	< 38	U
78-93-3	2-Butanone	190	< 190	U
71-55-6	1,1,1-Trichloroethane	38	< 38	U
56-23-5	Carbon Tetrachloride	38	< 38	U
108-05-4	Vinyl Acetate	190	< 190	U
75-27-4	Bromodichloromethane	38	< 38	U
78-87-5	1,2-Dichloropropane	38	< 38	U
10061-01-5	cis-1,3-Dichloropropene	38	< 38	U
79-01-6	Trichloroethene	38	< 38	U
124-48-1	Dibromochloromethane	38	< 38	U
79-00-5	1,1,2-Trichloroethane	38	< 38	U
71-43-2	Benzene	38	< 38	U
10061-02-6	trans-1,3-Dichloropropene	38	< 38	U
110-75-8	2-Chloroethylvinylether	190	< 190	U
75-25-2	Bromoform	38	< 38	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	190	< 190	U
591-78-6	2-Hexanone	190	< 190	U
127-18-4	Tetrachloroethene	38	< 38	U
79-34-5	1,1,2,2-Tetrachloroethane	38	< 38	U
108-88-3	Toluene	38	2,500	
108-90-7	Chlorobenzene	38	< 38	U
100-41-4	Ethylbenzene	38	250	
100-42-5	Styrene	38	< 38	U
75-69-4	Trichlorofluoromethane	38	< 38	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	77	< 77	U
1330-20-7	m,p-Xylene	38	1,200	
95-47-6	o-Xylene	38	490	
95-50-1	1,2-Dichlorobenzene	38	< 38	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
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Sample ID: LDW-SC49V-9-10
REANALYSIS

Lab Sample ID: JC210
LIMS ID: 06-3587
Matrix: Sediment
Date Analyzed: 03/06/06 15:49

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	38	< 38	U
106-46-7	1,4-Dichlorobenzene	38	< 38	U
107-02-8	Acrolein	1,900	< 1,900	U
74-88-4	Methyl Iodide	38	< 38	U
74-96-4	Bromoethane	77	< 77	U
107-13-1	Acrylonitrile	190	< 190	U
563-58-6	1,1-Dichloropropene	38	< 38	U
74-95-3	Dibromomethane	38	< 38	U
630-20-6	1,1,1,2-Tetrachloroethane	38	< 38	U
96-12-8	1,2-Dibromo-3-chloropropane	190	< 190	U
96-18-4	1,2,3-Trichloropropane	77	< 77	U
110-57-6	trans-1,4-Dichloro-2-butene	190	< 190	U
108-67-8	1,3,5-Trimethylbenzene	38	180	
95-63-6	1,2,4-Trimethylbenzene	38	420	
87-68-3	Hexachlorobutadiene	190	< 190	U
106-93-4	Ethylene Dibromide	38	< 38	U
74-97-5	Bromochloromethane	38	< 38	U
594-20-7	2,2-Dichloropropane	38	< 38	U
142-28-9	1,3-Dichloropropane	38	< 38	U
98-82-8	Isopropylbenzene	38	< 38	U
103-65-1	n-Propylbenzene	38	< 38	U
108-86-1	Bromobenzene	38	< 38	U
95-49-8	2-Chlorotoluene	38	< 38	U
106-43-4	4-Chlorotoluene	38	< 38	U
98-06-6	tert-Butylbenzene	38	< 38	U
135-98-8	sec-Butylbenzene	38	< 38	U
99-87-6	4-Isopropyltoluene	38	56	
104-51-8	n-Butylbenzene	38	52	M
120-82-1	1,2,4-Trichlorobenzene	190	< 190	U
91-20-3	Naphthalene	190	< 190	U
87-61-6	1,2,3-Trichlorobenzene	190	< 190	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	114%
Bromofluorobenzene	110%
d4-1,2-Dichlorobenzene	102%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-10-11


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SAMPLE

Lab Sample ID: JC21P

LIMS ID: 06-3588

Matrix: Sediment

Data Release Authorized: 

Reported: 03/30/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM

Date Analyzed: 03/01/06 20:10

Sample Amount: 3.09 g-dry-wt

Purge Volume: 5.0 mL

Moisture: 40.0%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.6	< 1.6	U
74-83-9	Bromomethane	1.6	< 1.6	U
75-01-4	Vinyl Chloride	1.6	18,000	ES
75-00-3	Chloroethane	1.6	< 1.6	U
75-09-2	Methylene Chloride	3.2	< 3.2	U
67-64-1	Acetone	8.1	640	
75-15-0	Carbon Disulfide	1.6	10	
75-35-4	1,1-Dichloroethene	1.6	320	
75-34-3	1,1-Dichloroethane	1.6	< 1.6	U
156-60-5	trans-1,2-Dichloroethene	1.6	1,700	ES
156-59-2	cis-1,2-Dichloroethene	1.6	5,800	ES
67-66-3	Chloroform	1.6	< 1.6	U
107-06-2	1,2-Dichloroethane	1.6	< 1.6	U
78-93-3	2-Butanone	8.1	< 8.1	U
71-55-6	1,1,1-Trichloroethane	1.6	< 1.6	U
56-23-5	Carbon Tetrachloride	1.6	< 1.6	U
108-05-4	Vinyl Acetate	8.1	< 8.1	U
75-27-4	Bromodichloromethane	1.6	< 1.6	U
78-87-5	1,2-Dichloropropane	1.6	< 1.6	U
10061-01-5	cis-1,3-Dichloropropene	1.6	< 1.6	U
79-01-6	Trichloroethene	1.6	12	
124-48-1	Dibromochloromethane	1.6	< 1.6	U
79-00-5	1,1,2-Trichloroethane	1.6	< 1.6	U
71-43-2	Benzene	1.6	62	
10061-02-6	trans-1,3-Dichloropropene	1.6	< 1.6	U
110-75-8	2-Chloroethylvinylether	8.1	< 8.1	U
75-25-2	Bromoform	1.6	< 1.6	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	8.1	< 8.1	U
591-78-6	2-Hexanone	8.1	< 8.1	U
127-18-4	Tetrachloroethene	1.6	< 1.6	U
79-34-5	1,1,2,2-Tetrachloroethane	1.6	< 1.6	U
108-88-3	Toluene	1.6	720	ES
108-90-7	Chlorobenzene	1.6	< 1.6	U
100-41-4	Ethylbenzene	1.6	360	ES
100-42-5	Styrene	1.6	< 1.6	U
75-69-4	Trichlorofluoromethane	1.6	< 1.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.2	< 3.2	U
1330-20-7	m,p-Xylene	1.6	1,000	ES
95-47-6	o-Xylene	1.6	610	ES
95-50-1	1,2-Dichlorobenzene	1.6	< 1.6	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LDW-SC49V-10-11
SAMPLE

Lab Sample ID: JC21P
LIMS ID: 06-3588
Matrix: Sediment
Date Analyzed: 03/01/06 20:10

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.6	< 1.6	U
106-46-7	1,4-Dichlorobenzene	1.6	< 1.6	U
107-02-8	Acrolein	81	< 81	U
74-88-4	Methyl Iodide	1.6	< 1.6	U
74-96-4	Bromoethane	3.2	< 3.2	U
107-13-1	Acrylonitrile	8.1	< 8.1	U
563-58-6	1,1-Dichloropropene	1.6	< 1.6	U
74-95-3	Dibromomethane	1.6	< 1.6	U
630-20-6	1,1,1,2-Tetrachloroethane	1.6	< 1.6	U
96-12-8	1,2-Dibromo-3-chloropropane	8.1	< 8.1	U
96-18-4	1,2,3-Trichloropropane	3.2	< 3.2	U
110-57-6	trans-1,4-Dichloro-2-butene	8.1	< 8.1	U
108-67-8	1,3,5-Trimethylbenzene	1.6	350	E
95-63-6	1,2,4-Trimethylbenzene	1.6	580	E
87-68-3	Hexachlorobutadiene	8.1	< 8.1	U
106-93-4	Ethylene Dibromide	1.6	< 1.6	U
74-97-5	Bromochloromethane	1.6	< 1.6	U
594-20-7	2,2-Dichloropropane	1.6	< 1.6	U
142-28-9	1,3-Dichloropropane	1.6	< 1.6	U
98-82-8	Isopropylbenzene	1.6	87	
103-65-1	n-Propylbenzene	1.6	100	M
108-86-1	Bromobenzene	1.6	< 1.6	U
95-49-8	2-Chlorotoluene	1.6	< 1.6	U
106-43-4	4-Chlorotoluene	1.6	< 1.6	U
98-06-6	tert-Butylbenzene	8.0	< 8.0	Y
135-98-8	sec-Butylbenzene	1.6	57	M
99-87-6	4-Isopropyltoluene	1.6	130	M
104-51-8	n-Butylbenzene	1.6	78	M
120-82-1	1,2,4-Trichlorobenzene	8.1	< 8.1	U
91-20-3	Naphthalene	8.1	26	
87-61-6	1,2,3-Trichlorobenzene	8.1	< 8.1	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.2%
d8-Toluene	93.5%
Bromofluorobenzene	124%
d4-1,2-Dichlorobenzene	95.4%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-10-11

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REANALYSIS

Lab Sample ID: JC21P

LIMS ID: 06-3588

Matrix: Sediment

Data Release Authorized:

Reported: 03/30/06

QC Report No: JC21-Windward Environmental, LLC

Project: LDW RI-Subsurface Sediment Chem

05-08-06-32

Date Sampled: 02/22/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/PAB

Date Analyzed: 03/07/06 15:38

Sample Amount: 2.14 mg-dry-wt

Purge Volume: 5.0 mL

Moisture: 40.0%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	2,300	< 2,300	U
74-83-9	Bromomethane	2,300	< 2,300	U
75-01-4	Vinyl Chloride	2,300	47,000	
75-00-3	Chloroethane	2,300	< 2,300	U
75-09-2	Methylene Chloride	4,700	< 4,700	U
67-64-1	Acetone	12,000	< 12,000	U
75-15-0	Carbon Disulfide	2,300	< 2,300	U
75-35-4	1,1-Dichloroethene	2,300	< 2,300	U
75-34-3	1,1-Dichloroethane	2,300	< 2,300	U
156-60-5	trans-1,2-Dichloroethene	2,300	< 2,300	U
156-59-2	cis-1,2-Dichloroethene	2,300	200,000	
67-66-3	Chloroform	2,300	< 2,300	U
107-06-2	1,2-Dichloroethane	2,300	< 2,300	U
78-93-3	2-Butanone	12,000	< 12,000	U
71-55-6	1,1,1-Trichloroethane	2,300	< 2,300	U
56-23-5	Carbon Tetrachloride	2,300	< 2,300	U
108-05-4	Vinyl Acetate	12,000	< 12,000	U
75-27-4	Bromodichloromethane	2,300	< 2,300	U
78-87-5	1,2-Dichloropropane	2,300	< 2,300	U
10061-01-5	cis-1,3-Dichloropropene	2,300	< 2,300	U
79-01-6	Trichloroethene	2,300	< 2,300	U
124-48-1	Dibromochloromethane	2,300	< 2,300	U
79-00-5	1,1,2-Trichloroethane	2,300	< 2,300	U
71-43-2	Benzene	2,300	< 2,300	U
10061-02-6	trans-1,3-Dichloropropene	2,300	< 2,300	U
110-75-8	2-Chloroethylvinylether	12,000	< 12,000	U
75-25-2	Bromoform	2,300	< 2,300	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12,000	< 12,000	U
591-78-6	2-Hexanone	12,000	< 12,000	U
127-18-4	Tetrachloroethene	2,300	< 2,300	U
79-34-5	1,1,2,2-Tetrachloroethane	2,300	< 2,300	U
108-88-3	Toluene	2,300	8,300	
108-90-7	Chlorobenzene	2,300	< 2,300	U
100-41-4	Ethylbenzene	2,300	< 2,300	U
100-42-5	Styrene	2,300	< 2,300	U
75-69-4	Trichlorofluoromethane	2,300	< 2,300	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	4,700	< 4,700	U
1330-20-7	m,p-Xylene	2,300	4,700	
95-47-6	o-Xylene	2,300	< 2,300	U
95-50-1	1,2-Dichlorobenzene	2,300	< 2,300	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LDW-SC49V-10-11
REANALYSIS

Lab Sample ID: JC21P
LIMS ID: 06-3588
Matrix: Sediment
Date Analyzed: 03/07/06 15:38

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	2,300	< 2,300	U
106-46-7	1,4-Dichlorobenzene	2,300	< 2,300	U
107-02-8	Acrolein	120,000	< 120,000	U
74-88-4	Methyl Iodide	2,300	< 2,300	U
74-96-4	Bromoethane	4,700	< 4,700	U
107-13-1	Acrylonitrile	12,000	< 12,000	U
563-58-6	1,1-Dichloropropene	2,300	< 2,300	U
74-95-3	Dibromomethane	2,300	< 2,300	U
630-20-6	1,1,1,2-Tetrachloroethane	2,300	< 2,300	U
96-12-8	1,2-Dibromo-3-chloropropane	12,000	< 12,000	U
96-18-4	1,2,3-Trichloropropane	4,700	< 4,700	U
110-57-6	trans-1,4-Dichloro-2-butene	12,000	< 12,000	U
108-67-8	1,3,5-Trimethylbenzene	2,300	< 2,300	U
95-63-6	1,2,4-Trimethylbenzene	2,300	< 2,300	U
87-68-3	Hexachlorobutadiene	12,000	< 12,000	U
106-93-4	Ethylene Dibromide	2,300	< 2,300	U
74-97-5	Bromochloromethane	2,300	< 2,300	U
594-20-7	2,2-Dichloropropane	2,300	< 2,300	U
142-28-9	1,3-Dichloropropane	2,300	< 2,300	U
98-82-8	Isopropylbenzene	2,300	< 2,300	U
103-65-1	n-Propylbenzene	2,300	< 2,300	U
108-86-1	Bromobenzene	2,300	< 2,300	U
95-49-8	2-Chlorotoluene	2,300	< 2,300	U
106-43-4	4-Chlorotoluene	2,300	< 2,300	U
98-06-6	tert-Butylbenzene	2,300	< 2,300	U
135-98-8	sec-Butylbenzene	2,300	< 2,300	U
99-87-6	4-Isopropyltoluene	2,300	< 2,300	U
104-51-8	n-Butylbenzene	2,300	< 2,300	U
120-82-1	1,2,4-Trichlorobenzene	12,000	< 12,000	U
91-20-3	Naphthalene	12,000	< 12,000	U
87-61-6	1,2,3-Trichlorobenzene	12,000	< 12,000	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	114%
d8-Toluene	112%
Bromofluorobenzene	109%
d4-1,2-Dichlorobenzene	104%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B

Sample ID: LDW-SC49V-11-12

Page 1 of 2

SAMPLE

Lab Sample ID: JC21Q

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3589

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/JLM

Sample Amount: 3.38 g-dry-wt

Date Analyzed: 03/01/06 20:39

Purge Volume: 5.0 mL

Moisture: 35.3%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.5	< 1.5	U
74-83-9	Bromomethane	1.5	< 1.5	U
75-01-4	Vinyl Chloride	1.5	15,000	ES
75-00-3	Chloroethane	1.5	< 1.5	U
75-09-2	Methylene Chloride	3.0	3.0	
67-64-1	Acetone	7.4	630	
75-15-0	Carbon Disulfide	1.5	3.0	
75-35-4	1,1-Dichloroethane	1.5	120	
75-34-3	1,1-Dichloroethane	1.5	< 1.5	U
156-60-5	trans-1,2-Dichloroethene	1.5	980	ES
156-59-2	cis-1,2-Dichloroethene	1.5	4,000	ES
67-66-3	Chloroform	1.5	< 1.5	U
107-06-2	1,2-Dichloroethane	1.5	< 1.5	U
78-93-3	2-Butanone	7.4	< 7.4	U
71-55-6	1,1,1-Trichloroethane	1.5	< 1.5	U
56-23-5	Carbon Tetrachloride	1.5	< 1.5	U
108-05-4	Vinyl Acetate	7.4	< 7.4	U
75-27-4	Bromodichloromethane	1.5	< 1.5	U
78-87-5	1,2-Dichloropropane	1.5	< 1.5	U
10061-01-5	cis-1,3-Dichloropropene	1.5	< 1.5	U
79-01-6	Trichloroethene	1.5	6.5	
124-48-1	Dibromochloromethane	1.5	< 1.5	U
79-00-5	1,1,2-Trichloroethane	1.5	< 1.5	U
71-43-2	Benzene	1.5	38	
10061-02-6	trans-1,3-Dichloropropene	1.5	< 1.5	U
110-75-8	2-Chloroethylvinylether	7.4	< 7.4	U
75-25-2	Bromoform	1.5	< 1.5	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	7.4	7.8	
591-78-6	2-Hexanone	7.4	< 7.4	U
127-18-4	Tetrachloroethene	1.5	< 1.5	U
79-34-5	1,1,2,2-Tetrachloroethane	1.5	< 1.5	U
108-88-3	Toluene	1.5	370	ES
108-90-7	Chlorobenzene	1.5	< 1.5	U
100-41-4	Ethylbenzene	1.5	27	C
100-42-5	Styrene	1.5	< 1.5	U
75-69-4	Trichlorofluoromethane	1.5	< 1.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.0	< 3.0	U
1330-20-7	m,p-Xylene	1.5	73	C
95-47-6	o-Xylene	1.5	31	C
95-50-1	1,2-Dichlorobenzene	1.5	< 1.5	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LDW-SC49V-11-12
SAMPLE

Lab Sample ID: JC21Q
LIMS ID: 06-3589
Matrix: Sediment
Date Analyzed: 03/01/06 20:39

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	1.5	< 1.5	U
106-46-7	1,4-Dichlorobenzene	1.5	< 1.5	U
107-02-8	Acrolein	74	< 74	U
74-88-4	Methyl Iodide	1.5	< 1.5	U
74-96-4	Bromoethane	3.0	< 3.0	U
107-13-1	Acrylonitrile	7.4	< 7.4	U
563-58-6	1,1-Dichloropropene	1.5	< 1.5	U
74-95-3	Dibromomethane	1.5	< 1.5	U
630-20-6	1,1,1,2-Tetrachloroethane	1.5	< 1.5	U
96-12-8	1,2-Dibromo-3-chloropropane	7.4	< 7.4	U
96-18-4	1,2,3-Trichloropropane	3.0	< 3.0	U
110-57-6	trans-1,4-Dichloro-2-butene	7.4	< 7.4	U
108-67-8	1,3,5-Trimethylbenzene	1.5	11	
95-63-6	1,2,4-Trimethylbenzene	1.5	14	
87-68-3	Hexachlorobutadiene	7.4	< 7.4	U
106-93-4	Ethylene Dibromide	1.5	< 1.5	U
74-97-5	Bromochloromethane	1.5	< 1.5	U
594-20-7	2,2-Dichloropropane	1.5	< 1.5	U
142-28-9	1,3-Dichloropropane	1.5	< 1.5	U
98-82-8	Isopropylbenzene	1.5	3.9	
103-65-1	n-Propylbenzene	1.5	1.8	
108-86-1	Bromobenzene	1.5	< 1.5	U
95-49-8	2-Chlorotoluene	1.5	< 1.5	U
106-43-4	4-Chlorotoluene	1.5	< 1.5	U
98-06-6	tert-Butylbenzene	1.5	< 1.5	U
135-98-8	sec-Butylbenzene	1.5	< 1.5	U
99-87-6	4-Isopropyltoluene	1.5	4.1	M
104-51-8	n-Butylbenzene	1.5	< 1.5	U
120-82-1	1,2,4-Trichlorobenzene	7.4	< 7.4	U
91-20-3	Naphthalene	7.4	< 7.4	U
87-61-6	1,2,3-Trichlorobenzene	7.4	< 7.4	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.5%
d8-Toluene	94.3%
Bromofluorobenzene	82.5%
d4-1,2-Dichlorobenzene	97.1%

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 1 of 2

Sample ID: LDW-SC49V-11-12
REANALYSIS

Lab Sample ID: JC21Q

QC Report No: JC21-Windward Environmental, LLC

LIMS ID: 06-3589

Project: LDW RI-Subsurface Sediment Chem

Matrix: Sediment

05-08-06-32

Data Release Authorized:

Date Sampled: 02/22/06

Reported: 03/30/06

Date Received: 02/22/06

Instrument/Analyst: FINN5/PAB

Sample Amount: 2.40 mg-dry-wt

Date Analyzed: 03/07/06 16:04

Purge Volume: 5.0 mL

Moisture: 35.3%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	2,100	< 2,100	U
74-83-9	Bromomethane	2,100	< 2,100	U
75-01-4	Vinyl Chloride	2,100	60,000	
75-00-3	Chloroethane	2,100	< 2,100	U
75-09-2	Methylene Chloride	4,200	< 4,200	U
67-64-1	Acetone	10,000	15,000	
75-15-0	Carbon Disulfide	2,100	< 2,100	U
75-35-4	1,1-Dichloroethene	2,100	< 2,100	U
75-34-3	1,1-Dichloroethane	2,100	< 2,100	U
156-60-5	trans-1,2-Dichloroethene	2,100	< 2,100	U
156-59-2	cis-1,2-Dichloroethene	2,100	140,000	
67-66-3	Chloroform	2,100	< 2,100	U
107-06-2	1,2-Dichloroethane	2,100	< 2,100	U
78-93-3	2-Butanone	10,000	12,000	B
71-55-6	1,1,1-Trichloroethane	2,100	< 2,100	U
56-23-5	Carbon Tetrachloride	2,100	< 2,100	U
108-05-4	Vinyl Acetate	10,000	< 10,000	U
75-27-4	Bromodichloromethane	2,100	< 2,100	U
78-87-5	1,2-Dichloropropane	2,100	< 2,100	U
10061-01-5	cis-1,3-Dichloropropene	2,100	< 2,100	U
79-01-6	Trichloroethene	2,100	< 2,100	U
124-48-1	Dibromochloromethane	2,100	< 2,100	U
79-00-5	1,1,2-Trichloroethane	2,100	< 2,100	U
71-43-2	Benzene	2,100	< 2,100	U
10061-02-6	trans-1,3-Dichloropropene	2,100	< 2,100	U
110-75-8	2-Chloroethylvinylether	10,000	< 10,000	U
75-25-2	Bromoform	2,100	< 2,100	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10,000	< 10,000	U
591-78-6	2-Hexanone	10,000	< 10,000	U
127-18-4	Tetrachloroethene	2,100	< 2,100	U
79-34-5	1,1,2,2-Tetrachloroethane	2,100	< 2,100	U
108-88-3	Toluene	2,100	2,300	
108-90-7	Chlorobenzene	2,100	< 2,100	U
100-41-4	Ethylbenzene	2,100	< 2,100	U
100-42-5	Styrene	2,100	< 2,100	U
75-69-4	Trichlorofluoromethane	2,100	< 2,100	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoro	4,200	< 4,200	U
1330-20-7	m,p-Xylene	2,100	< 2,100	U
95-47-6	o-Xylene	2,100	< 2,100	U
95-50-1	1,2-Dichlorobenzene	2,100	< 2,100	U

ORGANICS ANALYSIS DATA SHEET

Volatiles by Purge & Trap GC/MS-Method SW8260B
Page 2 of 2

Sample ID: LDW-SC49V-11-12
REANALYSIS

Lab Sample ID: JC21Q
LIMS ID: 06-3589
Matrix: Sediment
Date Analyzed: 03/07/06 16:04

QC Report No: JC21-Windward Environmental, LLC
Project: LDW RI-Subsurface Sediment Chem
05-08-06-32

CAS Number	Analyte	RL	Result	Q
541-73-1	1,3-Dichlorobenzene	2,100	< 2,100	U
106-46-7	1,4-Dichlorobenzene	2,100	< 2,100	U
107-02-8	Acrolein	100,000	< 100,000	U
74-88-4	Methyl Iodide	2,100	< 2,100	U
74-96-4	Bromoethane	4,200	< 4,200	U
107-13-1	Acrylonitrile	10,000	< 10,000	U
563-58-6	1,1-Dichloropropene	2,100	< 2,100	U
74-95-3	Dibromomethane	2,100	< 2,100	U
630-20-6	1,1,1,2-Tetrachloroethane	2,100	< 2,100	U
96-12-8	1,2-Dibromo-3-chloropropane	10,000	< 10,000	U
96-18-4	1,2,3-Trichloropropane	4,200	< 4,200	U
110-57-6	trans-1,4-Dichloro-2-butene	10,000	< 10,000	U
108-67-8	1,3,5-Trimethylbenzene	2,100	< 2,100	U
95-63-6	1,2,4-Trimethylbenzene	2,100	< 2,100	U
87-68-3	Hexachlorobutadiene	10,000	< 10,000	U
106-93-4	Ethylene Dibromide	2,100	< 2,100	U
74-97-5	Bromochloromethane	2,100	< 2,100	U
594-20-7	2,2-Dichloropropane	2,100	< 2,100	U
142-28-9	1,3-Dichloropropane	2,100	< 2,100	U
98-82-8	Isopropylbenzene	2,100	< 2,100	U
103-65-1	n-Propylbenzene	2,100	< 2,100	U
108-86-1	Bromobenzene	2,100	< 2,100	U
95-49-8	2-Chlorotoluene	2,100	< 2,100	U
106-43-4	4-Chlorotoluene	2,100	< 2,100	U
98-06-6	tert-Butylbenzene	2,100	< 2,100	U
135-98-8	sec-Butylbenzene	2,100	< 2,100	U
99-87-6	4-Isopropyltoluene	2,100	< 2,100	U
104-51-8	n-Butylbenzene	2,100	< 2,100	U
120-82-1	1,2,4-Trichlorobenzene	10,000	< 10,000	U
91-20-3	Naphthalene	10,000	< 10,000	U
87-61-6	1,2,3-Trichlorobenzene	10,000	< 10,000	U

Reported in $\mu\text{g}/\text{kg}$ (ppb)


Volatile Surrogate Recovery

d4-1,2-Dichloroethane	108%
d8-Toluene	116%
Bromofluorobenzene	108%
d4-1,2-Dichlorobenzene	105%

E-12 Salinity and Conductivity

SAMPLE RESULTS-CONVENTIONALS
JC17-Windward Environmental, LLC



Matrix: Porewater
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC49-0-2
ARI ID: 06-3528 JC17C

Analyte	Date Batch	Method	Units	RL	Sample
Conductivity	02/24/06 022406#2	EPA 120.1	umhos/cm	1.00	40,400
Salinity	02/24/06 022406#1	SM 2520.B	ppt	0.10	25.5

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC17-Windward Environmental, LLC



Matrix: Porewater
Data Release Authorized
Reported: 02/28/06

A handwritten signature in black ink, appearing to be 'J. J.', written over the 'Data Release Authorized' text.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC49-2-4
ARI ID: 06-3529 JC17D

Analyte	Date Batch	Method	Units	RL	Sample
Conductivity	02/24/06 022406#2	EPA 120.1	umhos/cm	1.00	39,900
Salinity	02/24/06 022406#1	SM 2520.B	ppt	0.10	25.3

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC17-Windward Environmental, LLC



Matrix: Porewater
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC49-4-6
ARI ID: 06-3530 JC17E

Analyte	Date Batch	Method	Units	RL	Sample
Conductivity	02/24/06 022406#2	EPA 120.1	umhos/cm	1.00	40,000
Salinity	02/24/06 022406#1	SM 2520.B	ppt	0.10	25.3

RL Analytical reporting limit
U Undetected at reported detection limit

REPLICATE RESULTS-CONVENTIONALS
JC17-Windward Environmental, LLC



Matrix: Porewater
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Analyte	Method	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: JC17E Client ID: LDW-SC49-4-6						
Conductivity	EPA 120.1	02/24/06	umhos/cm	40,000	40,000	0.0%
Salinity	SM 2520.B	02/24/06	ppt	25.3	25.3	0.0%

SAMPLE RESULTS-CONVENTIONALS
JC17-Windward Environmental, LLC



Matrix: Porewater
Data Release Authorized: *[Signature]*
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06


Client ID: LDW-SC49-6-8
ARI ID: 06-3531 JC17F

Analyte	Date Batch	Method	Units	RL	Sample
Conductivity	02/24/06 022406#2	EPA 120.1	umhos/cm	1.00	39,600
Salinity	02/24/06 022406#1	SM 2520.B	ppt	0.10	25.1

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC17-Windward Environmental, LLC



Matrix: Porewater
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06


Client ID: LDW-SC49-8-10
ARI ID: 06-3532 JC17G

Analyte	Date Batch	Method	Units	RL	Sample
Conductivity	02/24/06 022406#2	EPA 120.1	umhos/cm	1.00	40,700
Salinity	02/24/06 022406#1	SM 2520.B	ppt	0.10	25.7

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC17-Windward Environmental, LLC



Matrix: Porewater
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC49-10-12
ARI ID: 06-3533 JC17H

Analyte	Date Batch	Method	Units	RL	Sample
Conductivity	02/24/06 022406#2	EPA 120.1	umhos/cm	1.00	38,900
Salinity	02/24/06 022406#1	SM 2520.B	ppt	0.10	24.6

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC17-Windward Environmental, LLC



Matrix: Porewater
Data Release Authorized
Reported: 02/28/06

A handwritten signature in black ink, appearing to be a stylized 'J' or 'K' followed by a flourish.

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06


Client ID: LDW-SC50-0-2
ARI ID: 06-3527 JC17B

Analyte	Date Batch	Method	Units	RL	Sample
Conductivity	02/24/06 022406#2	EPA 120.1	umhos/cm	1.00	40,200
Salinity	02/24/06 022406#1	SM 2520.B	ppt	0.10	25.3

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
JC17-Windward Environmental, LLC



Matrix: Porewater
Data Release Authorized: 
Reported: 02/28/06

Project: LDW RI-Subsurface Sediment C
Event: 05-08-06-32
Date Sampled: 02/22/06
Date Received: 02/22/06

Client ID: LDW-SC50-2-4
ARI ID: 06-3526 JC17A

Analyte	Date Batch	Method	Units	RL	Sample
Conductivity	02/24/06 022406#2	EPA 120.1	umhos/cm	1.00	41,400
Salinity	02/24/06 022406#1	SM 2520.B	ppt	0.10	26.2

RL Analytical reporting limit
U Undetected at reported detection limit